Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. 2868 PG.

BOOK INDEX

F.B. 2868 - PAGE

LINE NO. 121, DESCRIPTIONS, 1961 — 5 TO 24

LINE NO. 121, 1963 LEVELING — 31 TO 158

LINE NO 121, 1972 LEVELING — 159 TO

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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PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[redacted] microfilmed. March 85

76F309S CE#310 3-68

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2868 Pg. 5
Map No.	JN 0301.02 Type Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Dec 61	
Date	Indexed C. J. [illegible]	

J.N. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE No 121

Route.

E. on AVE. M from SIERRA HWY
To 60 ½ ST E. N. on 60 TH ST. E
To AVE L. E. on AVE L To
90 TH ST. E.

SEE F.B. 3716-103 TO 140

F.E. Brooks
J.M. Maldonado
R.R. Rodriguez
E. Martinez
G.R Esquer
C.V. Crowe

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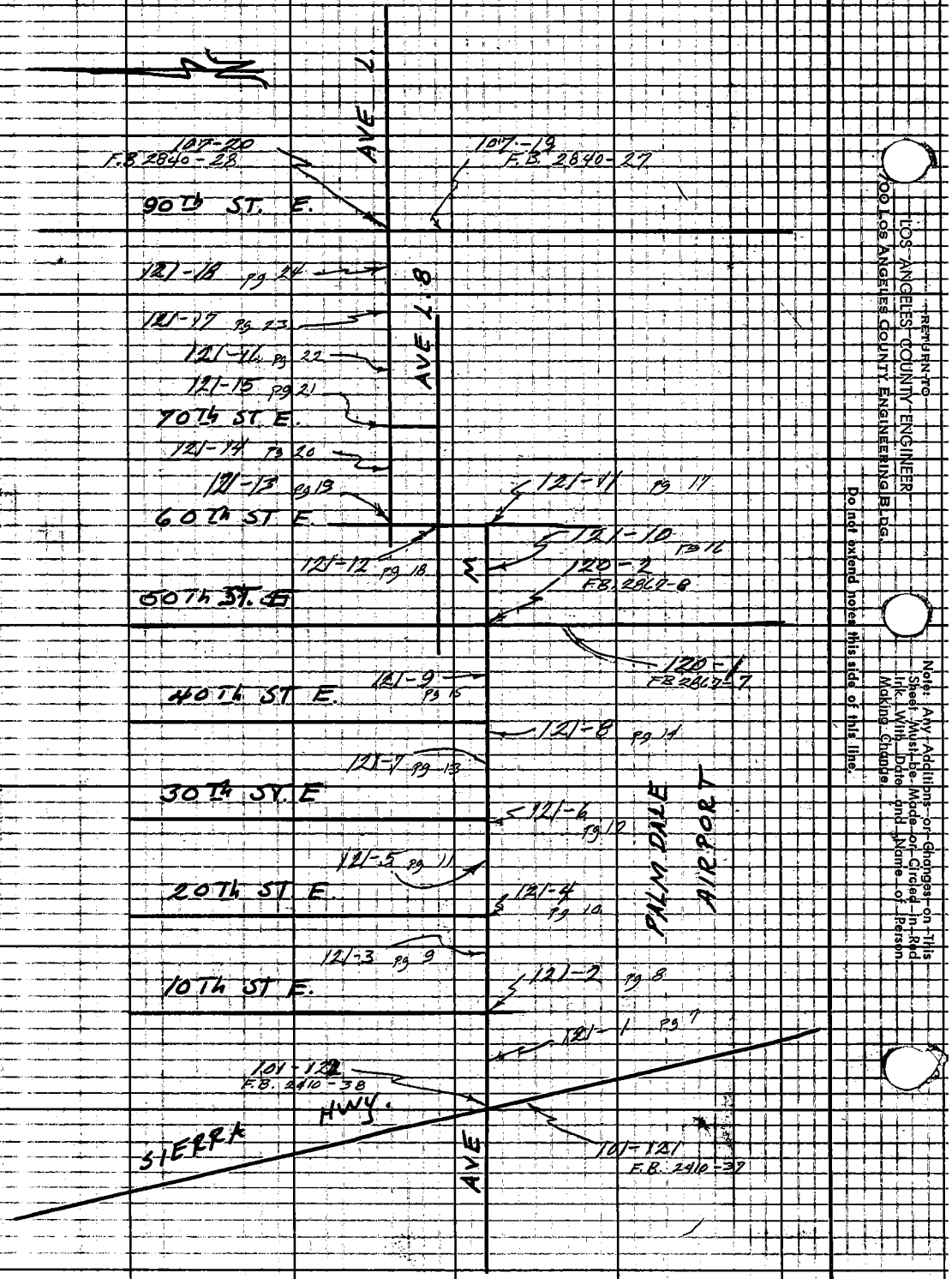
763095 CE #247—7-58

F.B. 2868 Pg. 6



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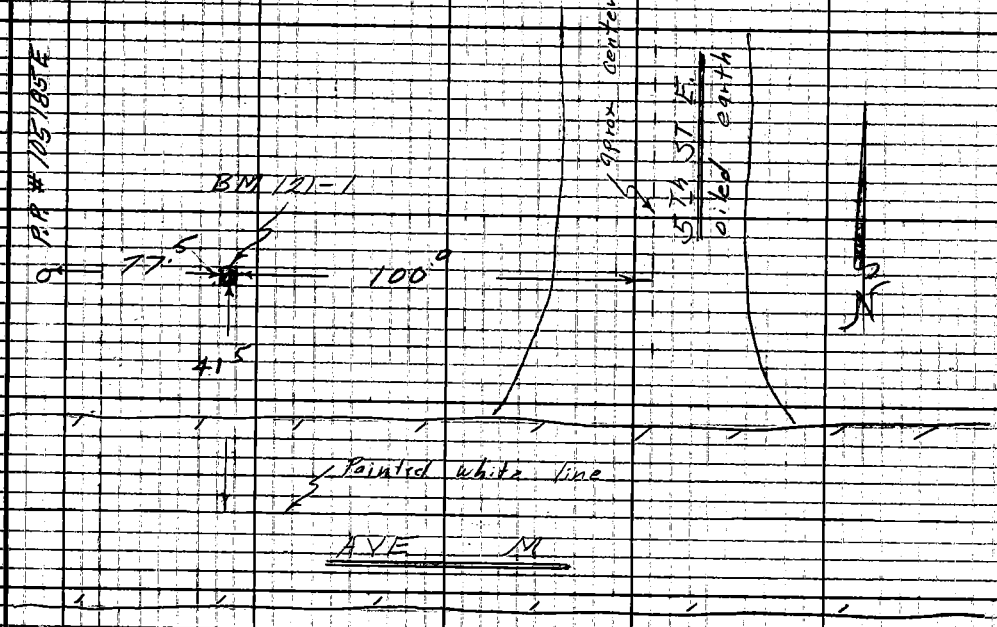
Map No.	IN 0301.02 Tape Std °F
Office Work	Surveyed by E. E. Brooks
Checked	Notes E. E. Brooks Date Dec 61
Date	Indexed C. J. GALLI APR 2 6 '62

F. B. 2868 PG. 7

BM 121-1

This mark is on AVE. M. at 5th ST. E. The mark is 41.5 ft. N. of the painted white line of AVE. M., 100.0 ft. W. of the aprox center of 5th ST. E. and 77.5 ft. E. of P.P. #105185 E. The mark is a L.A. Co. Engr. Button 2 1/4 Brass Cap MON. set in a 12" X 12" Conc post 6" high and is stamped BM 121-1 REG 869 1961 A 2" marker pipe set 2 ft S.



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RETURN TO LOS ANGELES COUNTY ENGINEER 900 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247 7-59

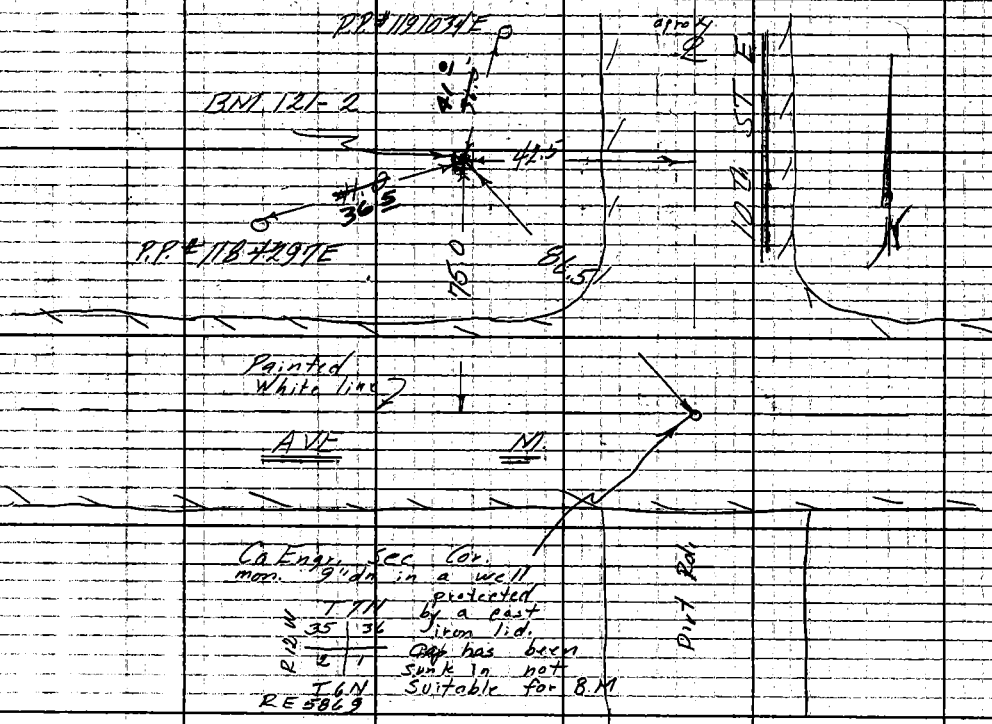
F.B. 2868 PG. 8

BM 121-2

This mark is on AVE. M. at 10th ST. E.
The mark is 75 ft N. of the painted
White line of AVE M and 42.5 ft.
W. of the aprox ℄ of 10th ST. E. 86.5 ft
N.W. of Co. Engr. Sec. Cor mon in well 9" deep.
Section cor mon. stamped T7N ~~46.0~~ 36.5 ft
R12W 35 | 36
2 | 1
T6N
RE5869

N.E of P.P. #1184297E and ~~36.5~~ 41.0 ft. S.W. of P.P.
#1191034E. The mark is a L.A. Co. Engr.
2 1/4" Button Brass Cap. Set in a 12" X 12"
Conc post 4" high and is stamped
BM 121-2 RE 5869 1961
A 2" marker pipe set 2 ft S

RLS 6-9-66



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Notes Ck'd by		Survey of L.A. Co. Precise Level Net	F. B. 2868 PG 9
Map No.		IN 0537.02 Tape Std oF	
Office Work		Surveyed by F. E. Brooks	
Checked		Notes F. E. Brooks Date Dec 61	
Date		Indexed C. J. GALLI	

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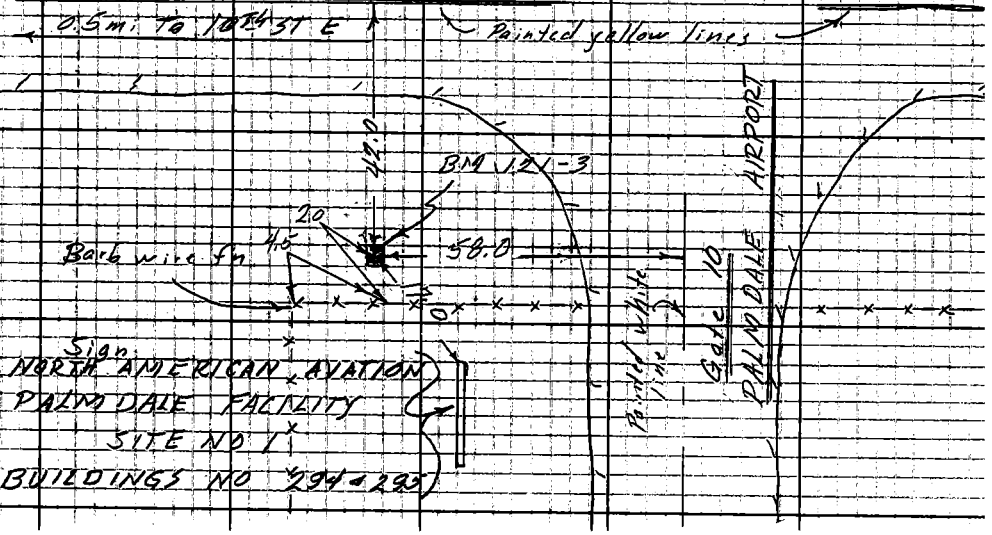
769095 CE #247—7-55

BM 121-3

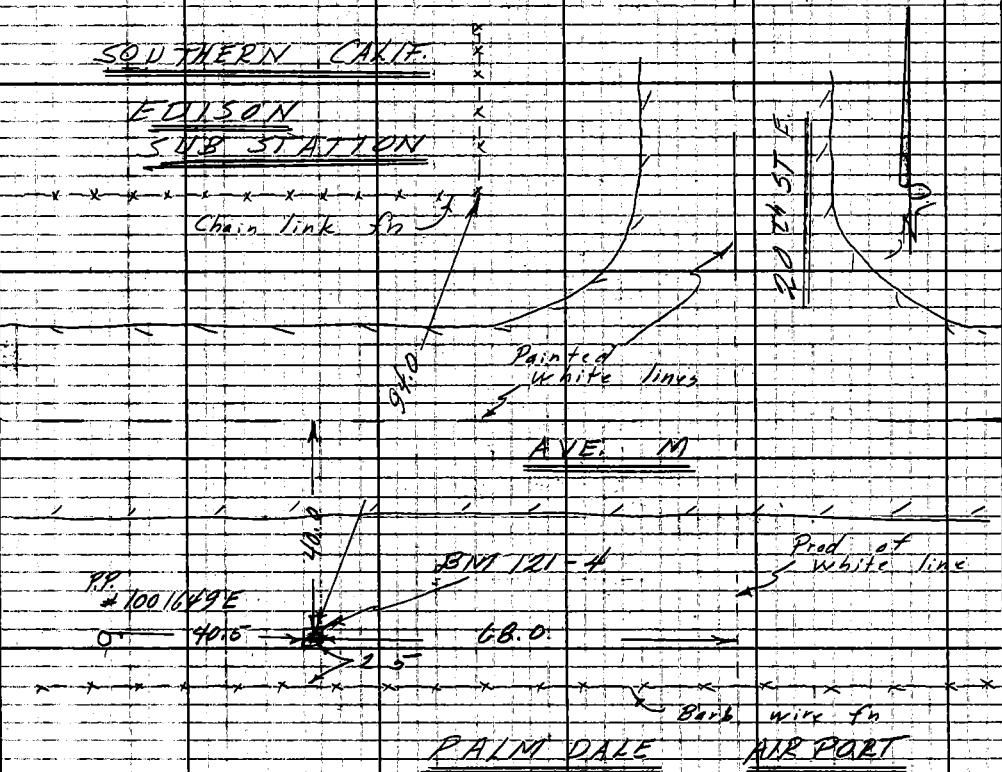
This mark is on AVE. M 0.5 mi E. of 10th ST E. The mark is 42.0 ft. S. of the painted yellow line of AVE. M, 58.0 ft. W. of the painted white line of Gate 10 to the Palmdale Airport, 2.0 ft N. of a barb wire fn. 4.5 ft. E of the N.E. cor. of the fn. and 17.0 ft. N.W. of the N end of a sign NORTH AMERICAN AVIATION PALMDALE FACILITY SITE NO 1 BUILDINGS NO 294 & 295. The mark is a L.A. Co. Engr. 2½" Bronze Cap set in a 12" x 12" conc. post 4" high and is stamped BM 121-3 RE 5869 1961 A 2" marker pipe set 2 ft N.



F.B. 2868 PG. 10

BM 121-4

This mark is on AVE M at 90th ST E. The mark is 40.0 ft S. of the painted white line of AVE M, 68.0 ft. W. of the prod. of the painted white line of 90th ST E, 1.5 ft N. of a barb wire fn. 40.5 ft E. of P.P. #100.1649E, and 94.0 ft. S.W. of the S.E. Cor. of the Chain link fn. around the Southern Calif Edison Sub station. The mark is a L.A. Co. Engr. 2 1/4" Button Brass Cap set in a 12" X 12" Conc. post 4" high and is stamped BM 121-4 RE 6869 1961 A 2" marker pipe set 2ft. N.



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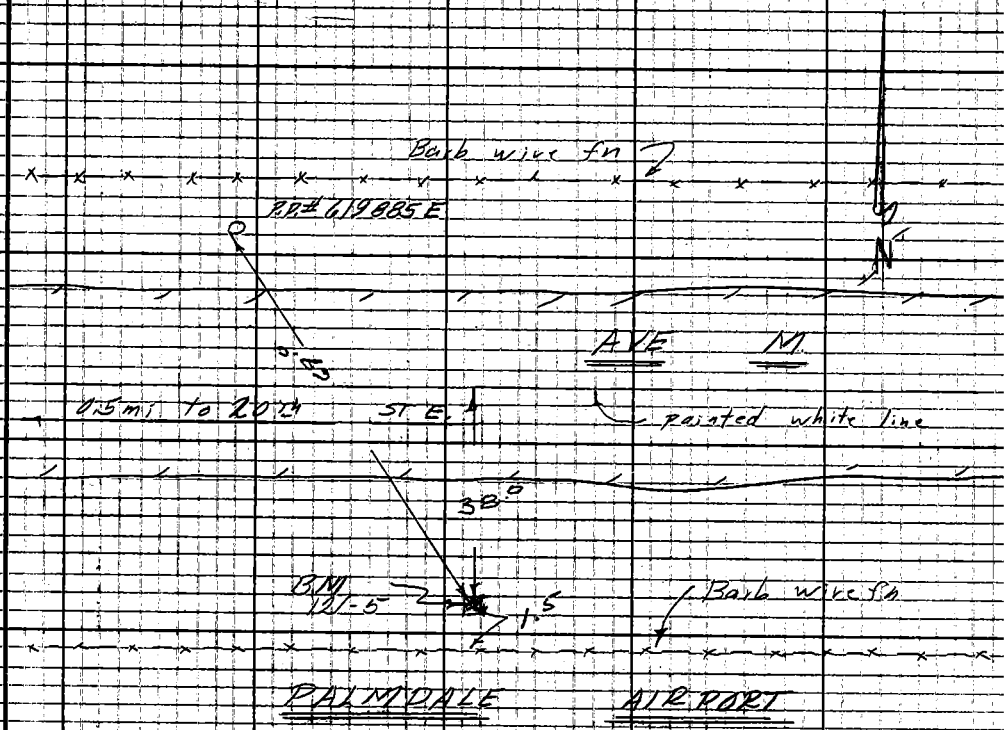
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Dec 61
Date	Indexed G. J. GALLI

F. B. 2868 PG. 11

BM 121-5

This mark is on AVE. M 0.5 mi E. of 20th ST E. The mark is 38.0 ft S. of the painted white line of AVE M, 1.5 ft. N. of a barb wire fn. and 69.0 ft. S.W. of P.P. # 619885 E. The mark is a L.A. Co. Engr. 2 1/4" Button Bass Cap set in a 12" X 12" conc post 4" high and is stamped BM 121-5 RE5869 1961. A 2" marker pipe set 2 ft N.



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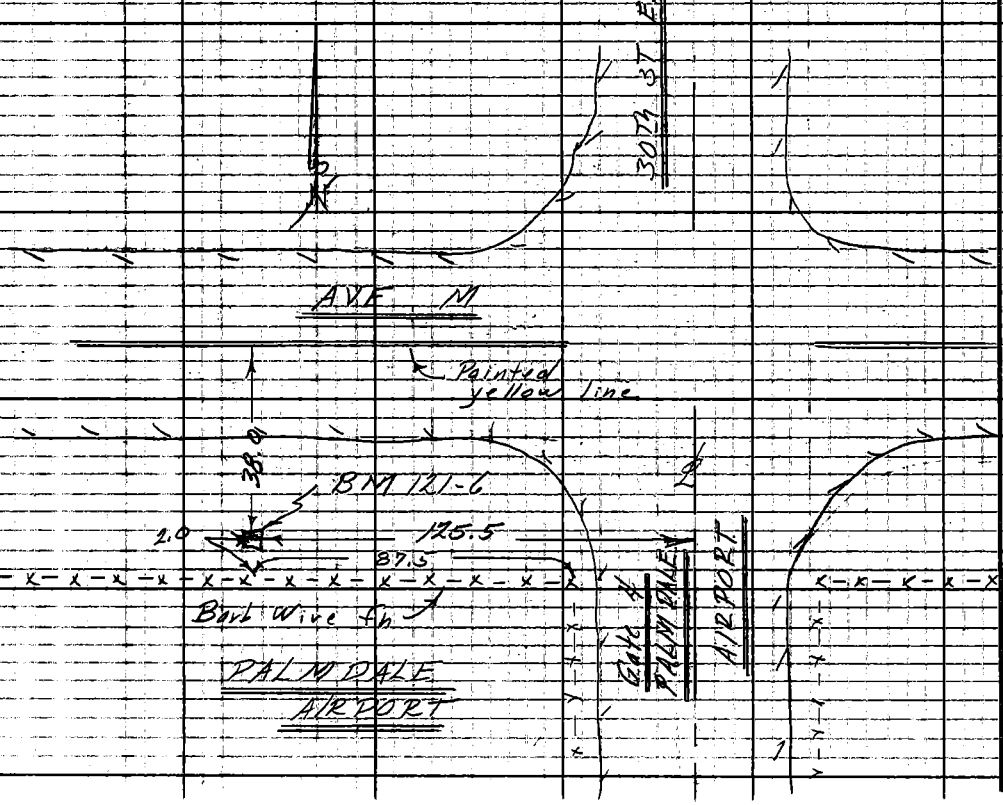
76309S CE #247—7-53

F.B. 2868 Pg. 12

BM 121-6

This mark is on AVE. M at 30th St. E. (Gate # To The PALM DALE AIR PORT. The mark is 38.0 ft. S. of the painted yellow lines of AVE. M. and 125.5 ft W. of the ℄ of 30th St. E, 2.0 ft N. of a bark wire fn and 85.0 ft W. of the N.E cor. of the bark wire fn. The mark is a L.A. Co. Engr. 2¼" Button Brass Cap set in a 12" X 12" conc. post. 4" high and is stamped BM 121-6 RE 5869 1961 A 2" marker pipe set 2 ft N.



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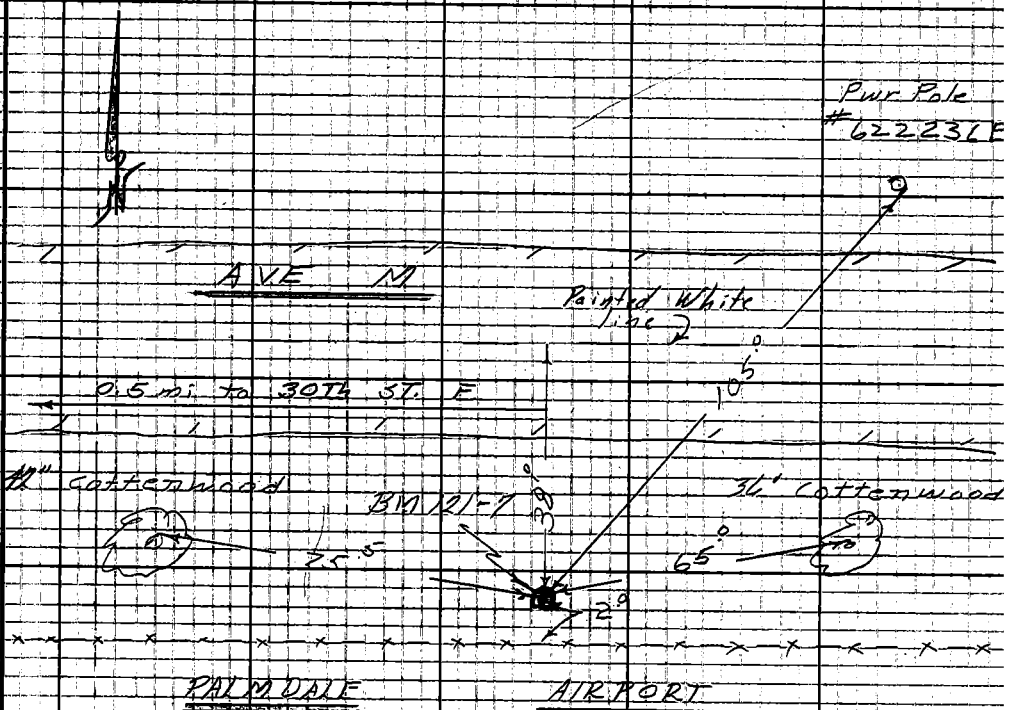
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Dec 61
Date	Indexed E. J. Gatti

F. B. 2868 PG. 13

BM 121-7

This mark is on AVE. M 0.5 mi. E. of 30TH ST. E. The mark is 38.0 ft. S. of the painted white line of AVE. M., 2.0 ft. N. of a barb wire fn. 45.0 ft. S.W. of a 36" Cottonwood 75.5 ft. S. of a 42" Cottonwood, and 105.0 ft. S.W. of P.P. #622236E. The mark is a L.A.Co. Engr. 2¼" Bronze Button Brass Cap set in a 12"X12" conc. post. 4" high and is stamped BM 121-7 RE 5869 1961 A 2" marker pipe set 2 ft. N.



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769095 CE #247—7-58

F. B. 2868 PG. 14

BM 121-8

This mark is on AVE. N. at 40 Th ST. E. The mark is 37.5 ft. S of the painted white line of AVE. N. and 33.5 ft. E. of the painted white line of of 40 Th ST. E., 3.0 ft. N. of a barb wire fn. and 23.0 ft. N.E. of a 30" Cotton wood. The mark is a L.A.Co. Engr. 2½" Button Brass Cap set in a 12" X 12" Conc. post 4" high and is stamped BM 121-8 RE6869 1961 A. 2" marker pipe set 2 ft N.

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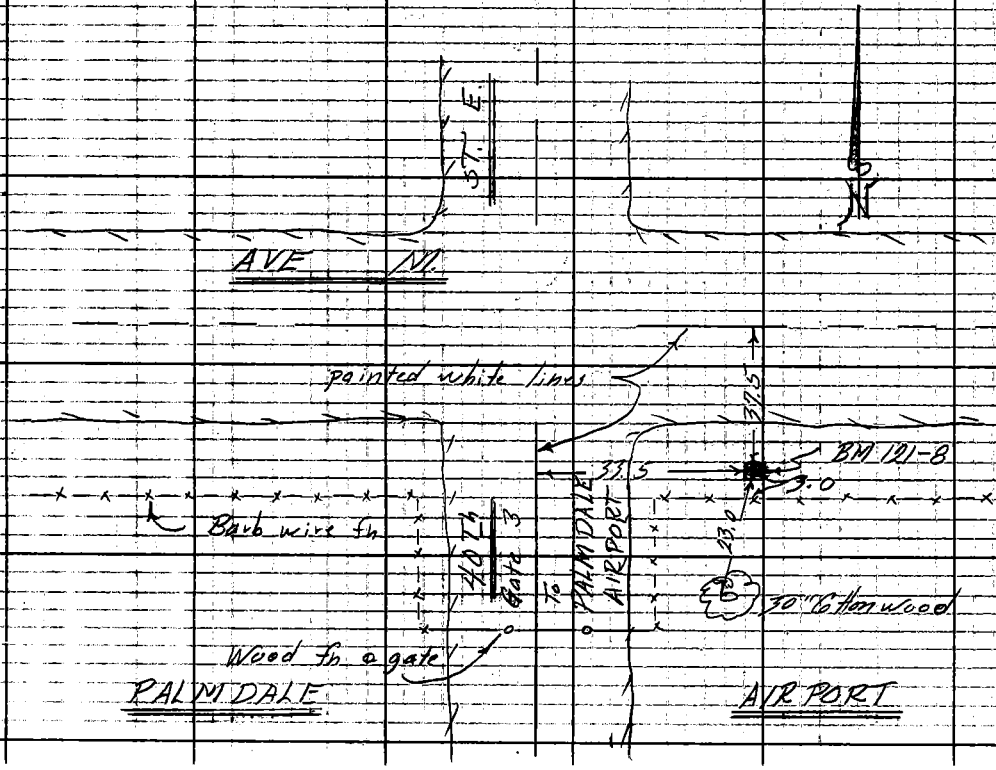
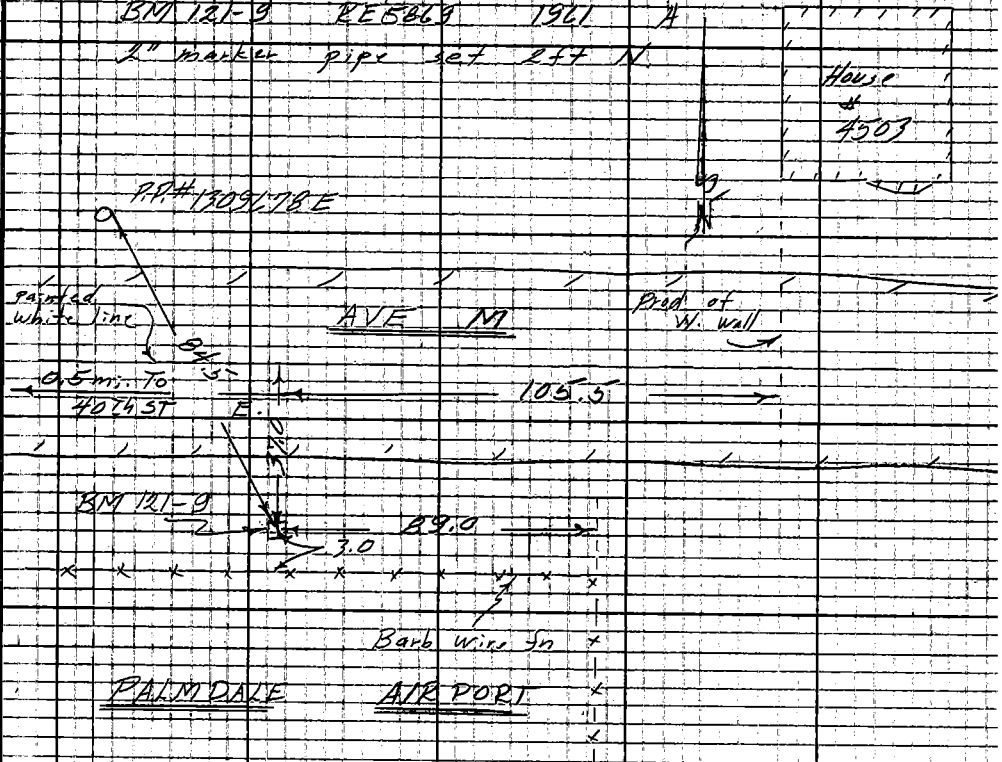


Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	N 0301.02 Tape Std of F
Office Work	Surveyed by E. E. Brooks
Checked	Notes E. E. Brooks Date Dec 67
Date	Indexed E. J. G.

F. B. 7868 Pg. 15

BM 121-9

This mark is on AVE. M, 0.5 mi. E. of 40th ST. E. at the N.E. cor. of the PALMDALE AIRPORT. The mark is 37.0 ft. S. of the painted white line of AVE. M, 3.0 ft. N of a bark wire fn., 89.0 ft. W. of the N.E. cor. of the bark wire fn., 105.5 ft. W. of the prod. of the W. wall of house # 4503, 94.5 ft. S.E. of P.P.# 1309.78E. The mark is a L.A.Co. Engr. 2 1/4" Bu Han Brass cap set in a 12" X 12" Cone post 4" high and is stamped BM 121-9 RE5869 1961. A 1" marker pipe set 2ft N.



RETURN TO LOS ANGELES COUNTY ENGINEER 720 LOS ANGELES COUNTY ENGINEERING BLDG.

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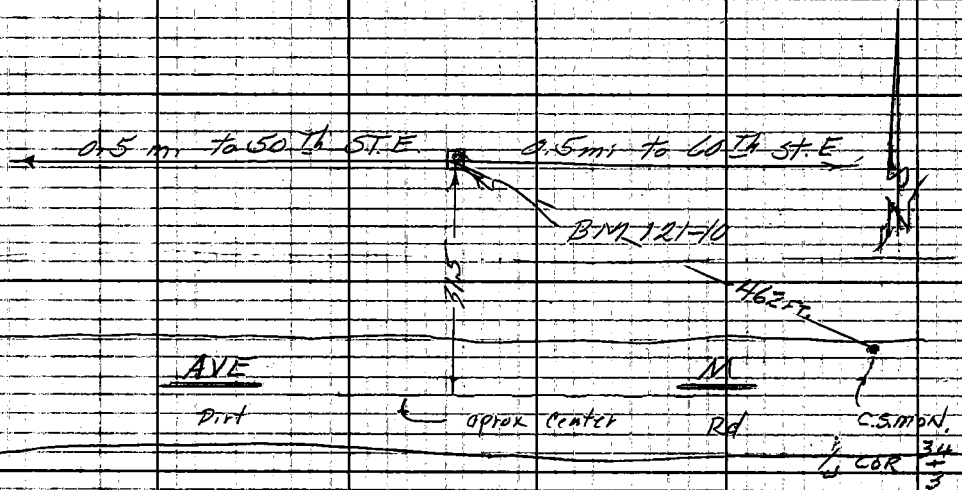
763095 CE #247 7-59

F.B. 2868 PG. 11

BM 121-10

This mark is on AVE M. 0.5 mi W. of 60Th ST. E. and 0.5 mi E. of 50Th ST. E. The mark is 31.5 ft N. of the aprox. center of AVE M. (a dirt Rd). The mark is a L.A.Co. Engr. 2¼" Bronze Brass Cap set in a 12" X 12" conc. post 4" high and is stamped BM 121-10 RE 5869 1961. A 2" marker pipe set 2 ft. S.



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Notes Ck'd by	Survey of L.A. Co. Precise Level Net
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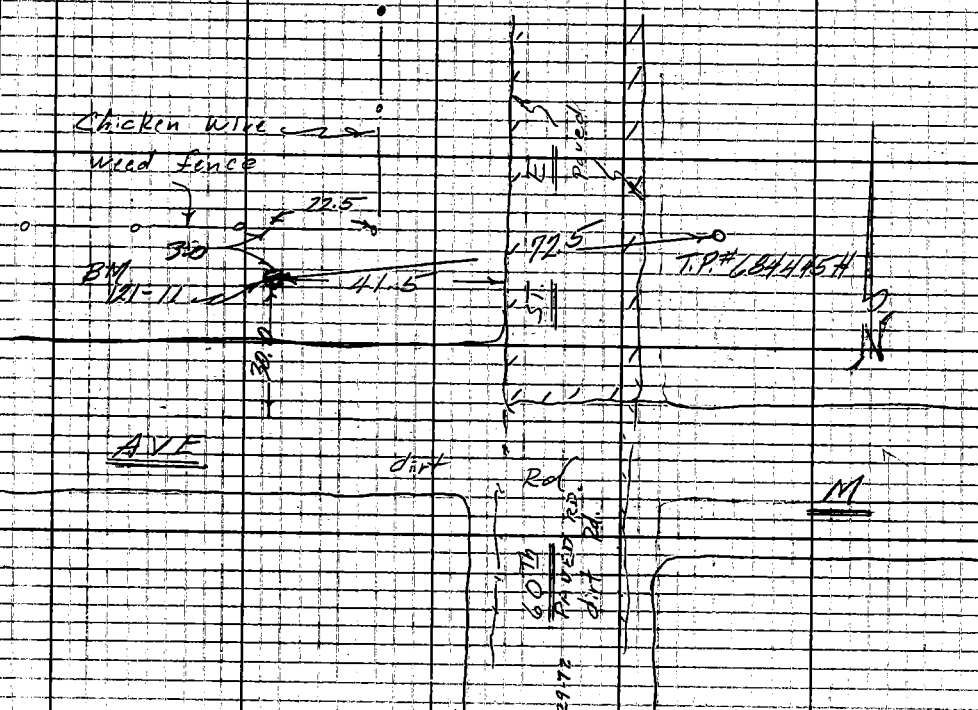
Office Work	Surveyed by E. E. Brooks
Checked	Notes E. E. Brooks Date Dec 61
Date	Indexed R. J. GALT

F. B. 2868 Pg. 119

BM 121-11

This mark is on AVE. M at 60th ST. E. The mark is 30.0 ft. N. of the aprox. center of AVE. M (a dirt rd), 41.5 ft N of the W. edge of the pavt. of 60th ST. E., 3.0 ft. S. of a chicken wire weed fence, and 22.5 ft. W. of the S.E. Cor. of the fence, 72.5 ft. W. of T.P. #684445 H. The mark is a L.A. Co. Engr. 2½" Bu Hon Brass Cap, set in a 12"x12" conc. post, ~~4" high~~ Flush and is stamped BM 121-11 RE 5869 1961 A 1" marker Pipe set 2ft S.



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769098 CE #247 7-58

F.B. 2868 PG. 18

BM 121-12

This mark is on 60th St. E. 0.5 mi N. of AVE M and 0.5 mi S. of AVE L. The mark is 13.5 ft. W. of the W. edge of the print of 60th ST E., ~~73.0 ft N. W. of P.P. #1681772E~~ and ~~80.0 ft. S.W. of a P.P.# gone~~. The mark is a L.A. Co. Engr. 2¼" Button Brass Cap. Set in a 12" X 12" conc post 4" high and is stamped B.M. 121-12 RE 5869 1961

A 2" marker pipe 2 ft. E.

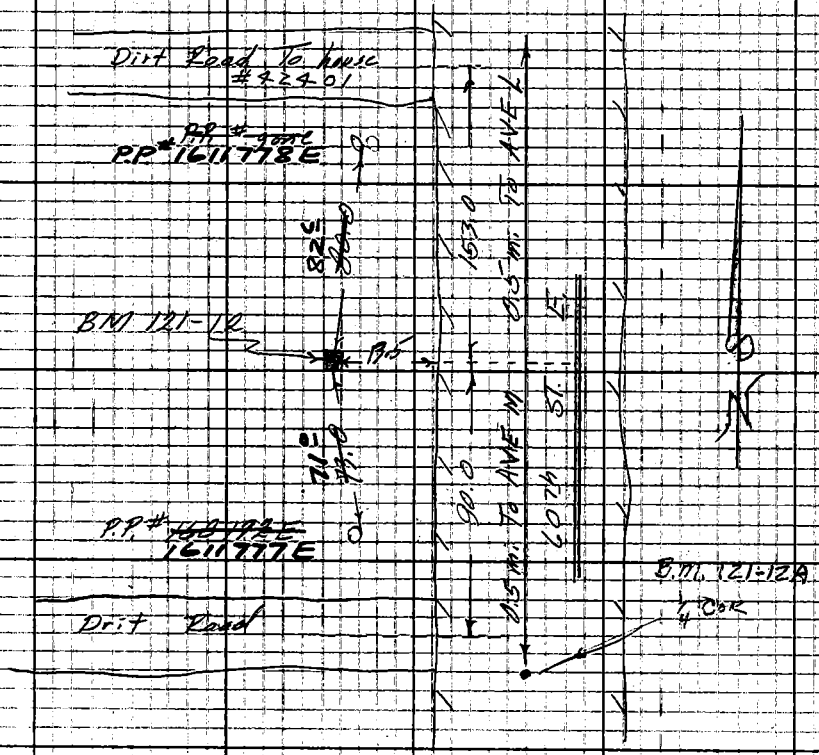
TIES: ~~82~~ 71.0 NORTHERLY OF P.P.# 1611777E.

82.6 SOUTHERLY OF P.P.# 1611778E.

RLS 6-9-66

F.D. DESTROYED 2-14-72 G.E. DREIER

SEE F.B. 3716-127 FOR BM 121-12A (¼ COR)



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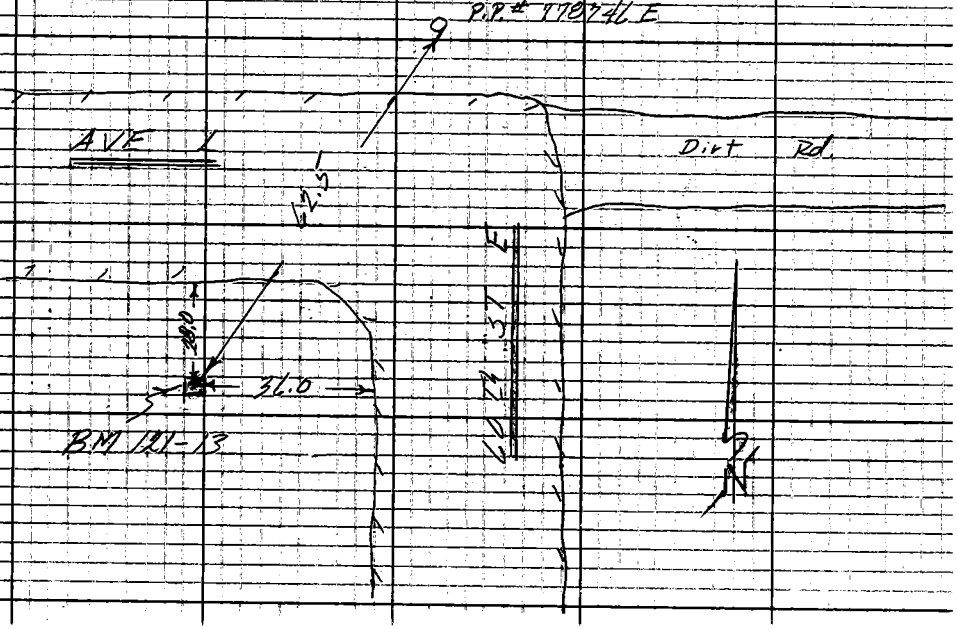
Office Work	Surveyed by F. E. Brooks
Checked	F. L. Brooks Date Dec 61
Date	Notes
	Indexed R. J. GALLI

F. B. 2868 PG. 19

BM 121-13

This mark is on AVE. L at 60th St. E. The mark is 36.0 ft. W. of the W. edge of the pvmt. of 60th St. E and 28.0 ft. S. of the S. edge of the pvmt. of AVE L. 62.5 ft. S. W. of P.P.# 1787 H.E. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12" X 12" conc. post 2" high and is stamped BM 121-13 RE 6869 1961 A 2" marker pipe set 2 ft N.



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769095 CE #247 7-59

F.B. 2868 PG. 20

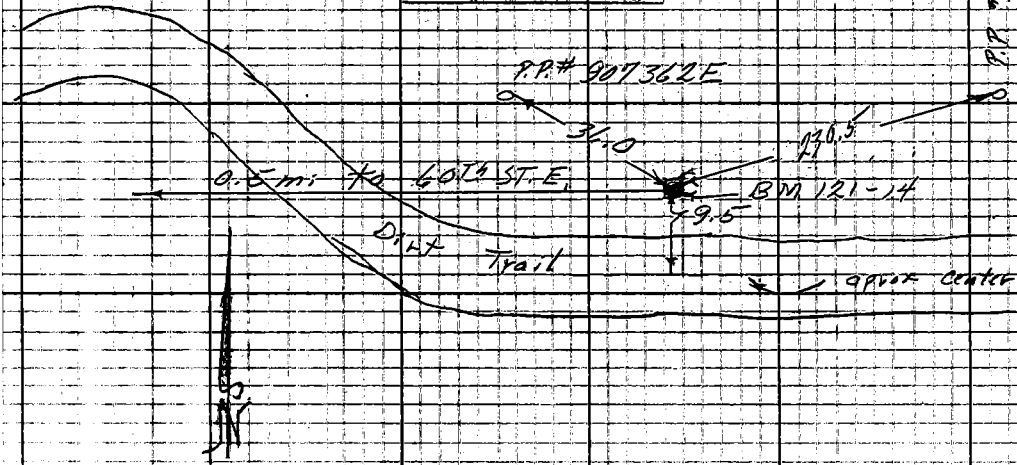
BM 121-14

This mark is on AVE. L a dist trail 0.5 mi. E of 60th ST. E. The mark is 9.5 Ft. N. of the trail, 36.0 Ft. S.E. of P.P. #907362E. and 230.5 Ft. S.W. of P.P. #907361E. The mark is a L.A. Co. Surveyor precast 2½" Brass Cap mon. set in a 12" X 12" conc. post 4" high and is stamped

T 7N
R 14W
26
35

1/4 SEC. COR
1927

A 2" marker pipe set 2 Ft S.



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Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2868	Pg. 21
Map No.	JN 0301.02 Tape Std oF		
Office Work	Surveyed by F. E. Brooks		
Checked	Notes F. E. Brooks Date Dec 61		
Date	Indexed S. J. GALLI		

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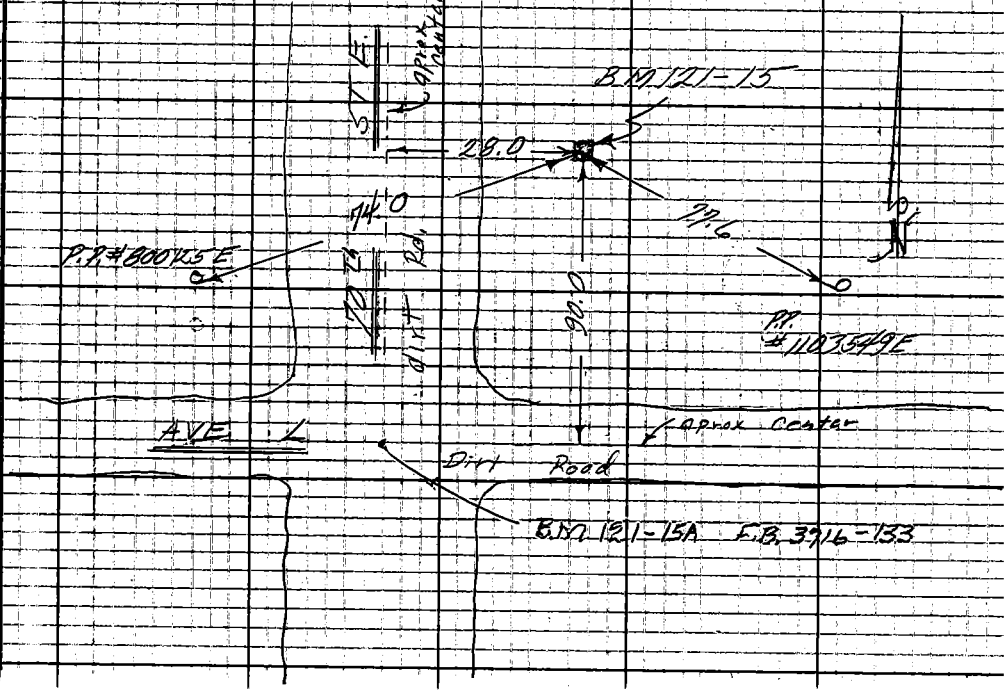
7890gs CE #247 7-58

B.M. 121-15

This mark is on AVE L at 70th ST. E. The mark is 90.0 ft. N. of the aprox center of AVE. L (a dirt trail) and 28.0 ft. E. of the aprox center of 70th ST. E. 74.0 ft. N.E. of P.P. #800 125 E and 77.6 ft. N.W. of P.P. #1103549E. The mark is a L.A. Co. Eng. 2 1/4" Button Brass Cap set in a 12" X 12" conc. post 4" high and is stamped B.M. 121-15 RE 5869 1961 A 1" marker pipe set 2 ft W.

NOT RECOVERED 2-14-72 G.E. DREIER



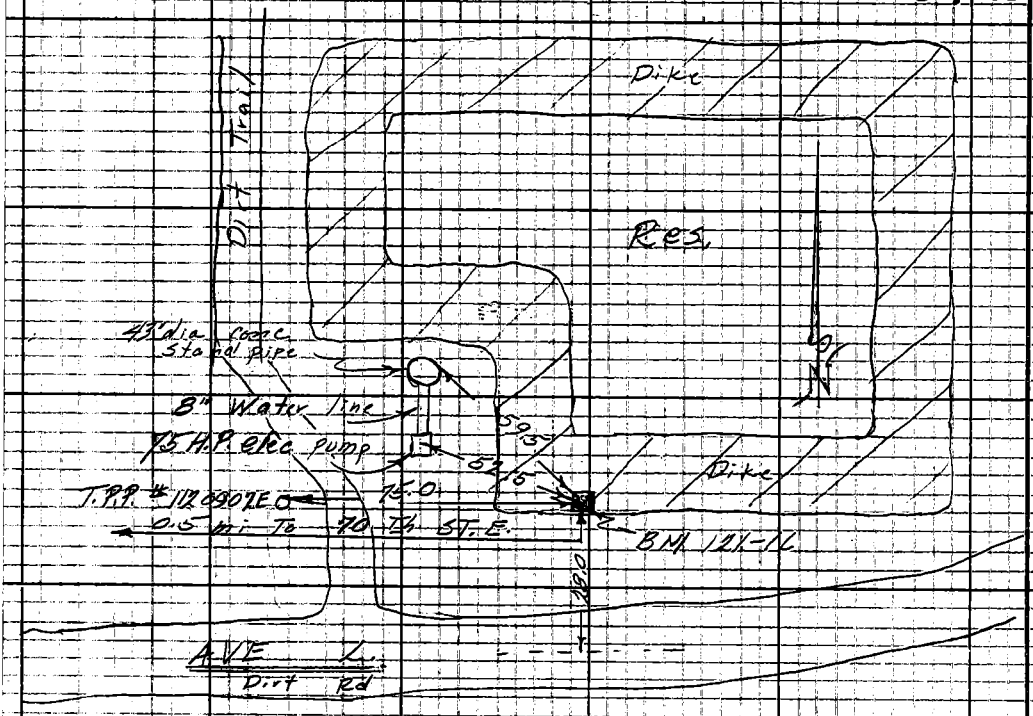
F.B. 1968 PG. 11

BM 121-16

This mark is on AVE. L 0.5 mi. E of 70th ST. E. The mark is 28.0 ft. N. of the apex center of AVE. L. (a dirt Rd.) 75.0 ft. E. of Trans. P.P. # 112 0907E, 52.5 ft. S.E. of a 75 H.P. elec. pump and 59.5 ft. S.E. of a 43" dia. conc. stand pipe. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12" x 12" conc. post on the side of a dike on the S. side of a Res. The mark is stamped BM 121-16 R.E. 5861.9 1961 A. 2" marker pipe set 2 ft. S.

DESTROYED

SEE F.B. 3916-123 FOR BM 121-16 A. RLS 6-9-66



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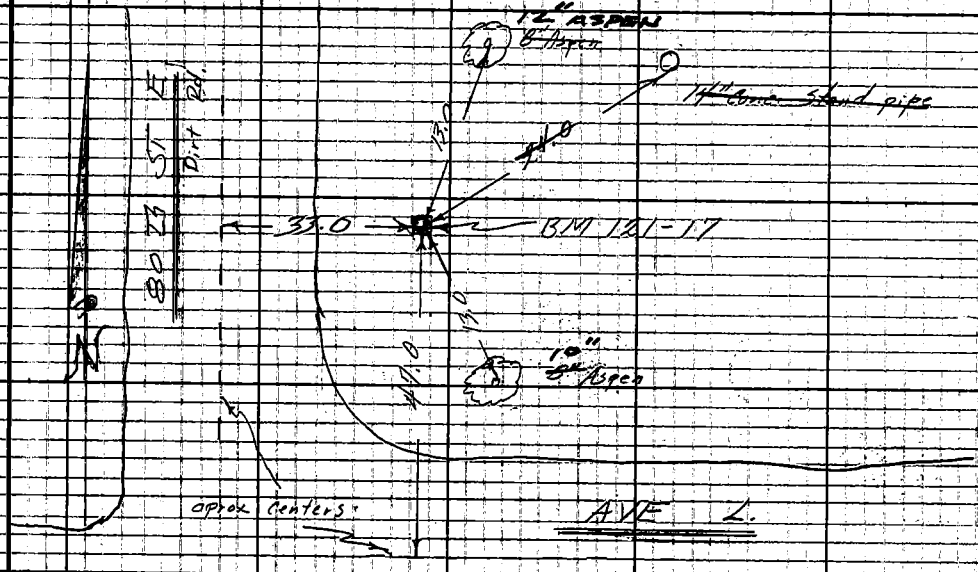
Office Work	Surveyed by F. E. Brooks
Checked	Notes E. E. Brooks Date Dec 61
Date	Indexed R. J. GATTI

F. B. 2868 PG 23

BM 121-17

This mark is on AVE L. at 80th ST. E. The mark is 47.0 ft. N. of the aprox center of AVE. L. (a dirt rd.) and 33.0 ft. E. of the aprox center of 80th ST. E. (a dirt rd.), 13.0 ft. S.W. & 13.0 ft. N.E. of a 10" & 12" Aspen, and 44.0 ft. S.W. of a 14" conc. stand pipe. The mark is a L.A. Co. Engrs. 2 1/4" Bronze Brass Cap set in a 12" X 12" conc. post 4" high and is stamped BM 121-17 RE 5809 1961. A 2" marker pipe set 2 ft. W.

RJS 6-9-66



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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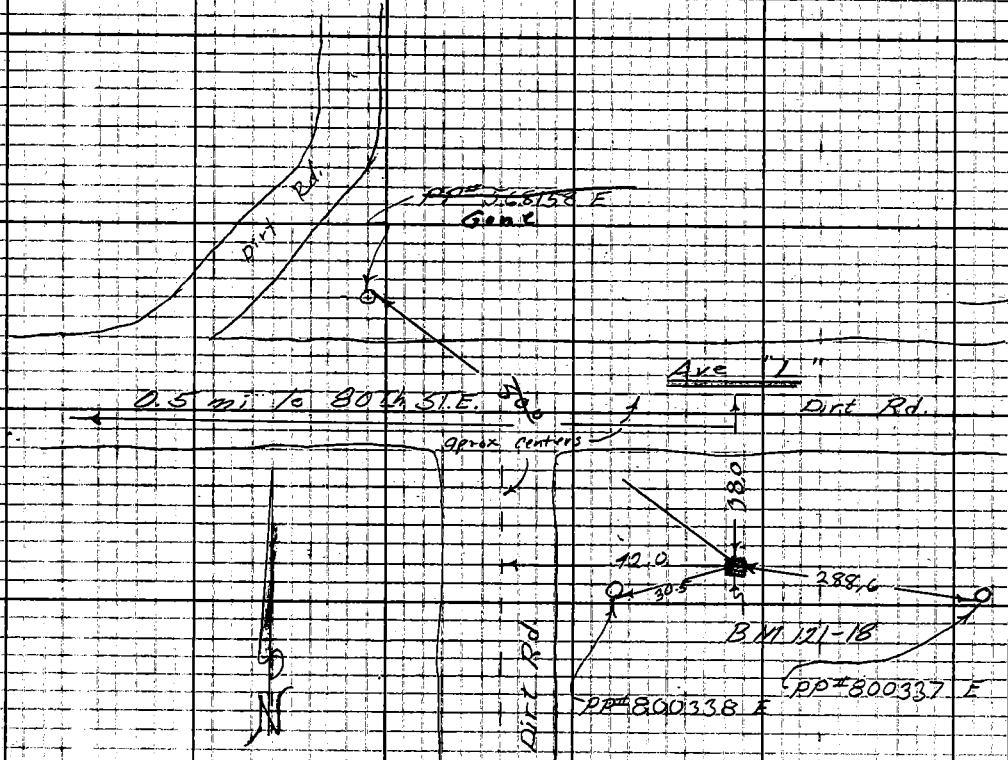
900 LOS ANGELES COUNTY ENGINEERING BLDG.

769095 CE #247 7-59

F.B. 2868 PG. 24

BM 121-18

This mark is on AVE. L. 0.5 mi. E. of 80th ST E. The mark is 38.0 ft S of the aprox center of AVE L. (a dirt rd) and 42.0 ft. E. of the aprox center of a dirt rd. 30.5 ft N.E. of P.P. # 800338 E., ~~80.0 ft. S.E. of P.P. # 568158 E~~, and 288.6 ft. N.W. of P.P. # 800337 E. The mark is a L.A. Co. Engr. 2 1/4" Button Bross Cap set in a 12" X 12" conc post 4" high and is stamped BM 121-18 RE 5869 1961 A 2" marker pipe set 2 ft N.



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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.

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2868 PG. 31
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Oct-Nov 63	
Date	Indexed R. J. GALLI NOV 1 8 63	

JN 0301.02

L.A. Co PRECISE LEVEL NET

LINE No. 121

B.M. Descriptions F.B. 2868 pg 5 To pg 24

B.M. Differences F.B. pg To pg

Route

E. on AVE M for SIERRA HWY to 60th ST. E. N on 60th ST. E. to AVE L. E on AVE L to 90th ST. E

F.E. Brooks
K.M. Kapp
G.E. Cook
M.L. Bustrum
A.L. Workman
C.G. Valdez
N. Smith

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76F3095 C.E. #310 6-62

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear & Windy Inst. No. 15066
Notes by K. M. Kapp Time 10:20 - 10:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 101-121 To BM 101-122
Date 10-23-63
Indexed B. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.873		164		19	5.623		164		BM 101-121
	0.709		166			5.459		164		Sierra Hwy 0.5 mile S. of
1	0.543		330			5.295		328		Ave M.
	2.125	0.7083		.330	68°	16.377	5.4590		.328	SEE F.B. 2410-37
	4.369		154			5.393		156		
	4.215		152			5.237		154		T Bustrum
2	4.063		306			5.083		310		
	12.647	4.2157		.636		15.713	5.2377		.638	
	5.548		167			5.815		162		
	5.381		170			5.653		160		
3	5.211		337			5.493		322		
	16.140	5.3800		.973		16.961	5.6537		.960	
	3.805		152			5.153		150		
	3.653		150			5.003		150		
4	3.503		302			4.853		300		
	10.961	3.6537		1.275		15.009	5.0030		1.260	
	4.828		165			5.827		174		
	4.663		165			5.653		170		
5	4.498		330			5.483		344		
	13.989	4.6630		1.605		16.963	5.6543		1.604	
	55.862	18.6207				81.023	27.0077			

F.B. 2368 P.G. 33

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear & Windy Inst. No. 15066
Notes by K. M. Kapp Time 10:20 - 10:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.07
From BM 101-121 To BM 101-122
Date 10-23-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	55.862	18.6207				81.023	27.0077			
	4.485		170	1.605		6.767		174	1.604	Summation of Run
	4.315		172			6.593		173		From B.M. 101-121
6	4.143		342			6.420		347		To B.M. 101-122
	12.943	4.3143		1.947		19.780	6.5933		1.951	
	3.651		169			5.282		180		Total Backsights = + 41.6370'
	3.482		172			5.102		181		Total Foresights = − 57.0390
7	3.310		341			4.921		361		Diff. Elev. = −15.4020
	10.443	3.4810		2.288		15.305	5.1017		2.312	
	6.068		173			7.621		180		Backsight stadia = 3.361'
	5.895		170			7.441		180		Foresight Stadia = 3.373'
8	5.725		343			7.261		360		Total Stadia = 6.734'
	17.688	5.8960		2.631		22.323	7.4410		2.672	= .43 Ft.
	5.217		172			6.437		175		
	5.045		168			6.262		177		
9	4.877		340			6.085		352		
	15.139	5.0463		2.971		18.784	6.2613		3.024	
	4.473		193			4.809		176		BM 101-122
	4.280		197			4.633		173		Sierra Hwy. & Ave. M
10	4.083		390			4.460		349		
	12.836	4.2787		3.361	68°	13.902	4.6340		3.373	See F.B. 2410-38
	124.911	41.6370				171.117	57.0390			

F.B. 2868 P.G. 34

H.H.D.

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather clear Inst. No. 15066
Notes by K. M. Kapp Time 11:45 - 1:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301-02
From BM 101-122 To BM 101-121
Date 10-25-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.329		190		19	4.617		206		BM 101-122
	5.139		191			4.411		204		Sierra Hwy & Ave. M
1	4.948		381			4.207		410		
	15.416	5.1387		.381	76°	13.235	4.4117		.410	See F.B. 2410-38
	6.310		150			5.479		160		
	6.160		150			5.319		162		T Cook
2	6.010		300			5.157		322		
	18.480	6.1600		.681		15.955	5.3183		.732	
	8.045		187			6.360		160		
	7.858		188			6.200		160		
3	7.670		375			6.040		320		
	23.573	7.8577		1.056		18.600	6.2000		1.052	
	5.171		181			3.531		170		
	4.990		179			3.361		170		
4	4.811		360			3.191		340		
	14.972	4.9907		1.416		10.083	3.3610		1.392	
	6.889		174			9.285		170		
	6.715		175			4.115		170		
5	6.540		349			3.945		340		
	20.144	6.7147		1.765		12.345	4.1150		1.732	1 hr. for lunch
	92.585	30.8618				70.218	23.4060			

F.B. 2968 P.G. 35

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 11:45 - 1:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 101-122 To BM 101-121
Date 10-25-63
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	92.585	30.8618				70.218	23.4060			
	5.509		169	1.765		4.902		164	1.732	Summation of Run
	5.340		173			4.738		168		From B.M. 101 - 122
C	5.167		342			4.570		332		To B.M. 101 - 121
	16.016	5.3387		2.107		14.210	4.7367		2.064	
	5.186		141			3.640		160		Total Backsights = + 57.7742
	5.045		141			3.480		160		Total Foresights = − 42.3748
✓	4.904		282			3.320		320		Diff. Elev. = +15.3994
	15.135	5.0450		2.389		10.440	3.4800		2.384	
a	5.729		160			5.730		168		Backsight stadia = 3.342
	5.569		160			5.562		169		Foresight Stadia = 3.363
8	5.409		320			5.293		337		Total Stadia = 6.705
	16.707	5.5690		2.709		16.685	5.5617		2.721	= .42 Mi.
	5.590		152			4.402		154		
	5.438		155			4.248		155		
9	5.283		307			4.093		309		
	16.311	5.4370		3.016		12.743	4.2477		3.030	
	5.686		164			1.109		166		BM 101 - 121
10	5.522		162			0.943		167		Sierra Hwy., 0.5 Mi. S.
	5.360		326			0.776		333		of Ave. N
	16.568	5.5227		3.342	78°	2.828	0.9427		3.363	See F.B. 2410-37
	173.322	57.7742				127.124	42.3748			
	57.7740									

F.B. 2388 PG. 36

N.N.A.O.

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 11:00 – 11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 101-122 To BM 121-1
Date 23 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.705		.177			4.947		.178		BM 101-122
	4.528		.175			4.769		.176		Sierra Hwy and Ave M
1	4.353		.352			4.593		.354		See F.B. 2410-38
	13.586	4.5287		.352	68	14.309	4.7697		.354	
	4.367		.099			6.393		.110		
	4.268		.097			6.283		.110		T Bushtum
2	4.171		.196			6.173		.226		
	12.806	4.2687		.548		18.849	6.2830		.574	
	7.170		.157			7.709		.168		
	7.013		.160			7.541		.168		
3	6.853		.317			7.373		.336		
	21.036	7.0120		.865		22.623	7.5410		.910	
	3.320		.177			5.525		.150		
	3.143		.178			5.375		.150		
4	2.965		.755			5.225		.300		
	9.428	3.1427		1.220		16.125	5.3750		1.210	F.B. 2868 P.G. 37
	4.570		.159			4.782		.173		
	4.411		.156			4.609		.169		
5	4.255		.315			4.440		.342		
	13.236	4.4120		1.535		13.831	4.6103		1.552	
	70.092	23.3641				95.737	28.5790			
	23.3640					28.5790				

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Chief of Party F. E. Brooks — Weather Clear / Windy — Inst. No. 15066
Notes by E. E. Brooks — Time 11:00 - 11:30 — Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0341.02
From BM 101-122 To BM 121-1
Date 23 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 70.092	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 85.732	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.482	23.3641	.153	1.535		4.082	28.5990	.155	1.552	
	5.329		.154			3.927		.156		
	5.195		.307			3.771		.311		
	15.986	5.3287		1.842		11.780	3.9267		1.863	
7	4.731		.164			5.272		.163		
	4.567		.165			5.109		.161		
	4.402		.329			4.948		.324		
	13.700	4.5667		2.171		15.329	5.1097		2.184	
8	3.925		.158			4.789		.161		
	3.767		.158			4.628		.158		
	3.609		.316			4.470		.319		
	11.301	3.7670		2.487		13.887	4.6290		2.506	
9	4.205		.156			5.199		.164		
	4.049		.159			5.035		.165		
	3.890		.315			4.870		.329		
	12.144	4.0480		2.802		15.104	5.0347		2.835	
10	3.750		.161			4.843		.160		
	3.589		.160			4.683		.162		
	3.429		.321			4.521		.322		
	10.768	3.5893		3.123		14.047	4.6823		3.157	
	133.991	44.6638				155.889	51.9629			
	133.991					51.963				

F.B. 2668 P.G. 36

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 11:00 - 11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 101-122 To BM 121-1
Date 23 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 133.991	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 155.884	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.460	44.6638	.157	3.123		4.762	51.9614	.140	3.157	BM 121-1
11	3.303		.155			4.622		.140		Ave M and 5th St. E.
	3.148		.312			4.482		.280		see F.B. 2868-7
	9.911	3.3037		3.435	72°	13.866	4.6220		3.437	

Summation of Run
From B.M. 101-122
To B.M. 121-1

Total Backsights = + 47.9675
Total Foresights = − 56.5834
Diff. Elev. = − 8.6159

Backsight stadia = 3.435
Foresight Stadia = 3.437
Total Stadia = 6.872
= .43 mile

F.B. 2868 P.G. 39

47.902
47.9673 47.9675

169.250
56.5833 56.5834

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by F. E. Brooks Time 2:00 – 2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-1 To BM 101-122
Date 24 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.182		.126			4.480		.161		BM 121-1
	6.056		.127			4.319		.160		Ave M and 5th St. E.
	5.929		.253			4.159		.321		see F.B. 2868-7
	18.167	6.0557		.253	76	12.958	4.3193		.321	
2	5.824		.169			4.884		.154		
	5.655		.168			4.730		.150		π Workman
	5.487		.337			4.580		.304		
	16.966	5.6553		.590		14.194	4.7313		.6~~4~~2 5	
3	6.013		.169			4.880		.150		
	5.844		.166			4.730		.150		
	5.678		.335			4.580		.300		
	17.535	5.8450		.925		14.190	4.7300		.9~~4~~2 5	
4	5.869		.166			4.782		.153		
	5.703		.164			4.629		.152		
	5.539		.330			4.477		.305		
	17.111	5.7037		1.255		13.888	4.6293		1.2~~2~~3 0	
5	5.628		.161			5.305		.166		
	5.467		.164			5.139		.169		
	5.303		.325			4.970		.335		
	16.398	5.4660		1.580		15.414	5.1380		1.5~~5~~6 5	
	86.177 28.7257	28.7257				70.644 23.5480	23.5479			

F.B. 2868 P.G. 40

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 2:00 - 2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM121-1 To BM101-122
Date 24 Oct 1963
Indexed B. J. GALM

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	81.177					70.644				
6	4.550	28.9257	.157	1.580		6.360	23.5479	.158	1.585 (6)	
	4.393		.154			6.202		.154		
	4.239		.311			6.048		.312		
	13.182	4.3940		1.891		18.610	6.2033		1.897 (7)	
7	6.461		.172			6.428		.160		
	5.289		.168			5.268		.160		
	6.121		.340			6.108		.320		
	15.871	5.2903		2.231		15.804	5.2680		2.187 (9)	
8	6.310		.151			3.393		.174		
	6.159		.151			3.219		.175		
	6.008		.302			3.044		.349		
	18.477	6.1590		2.533		9.656	3.2187		1.536 (4)	
9	7.627		.169			7.588		.158		
	7.458		.172			7.430		.159		
	7.286		.341			7.271		.317		
	22.371	7.4570		2.874		22.289	7.4297		2.853 (6)	
10	7.530		.112			5.501		.099		
	7.418		.115			5.402		.096		
	7.303		.227			5.306		.195		
	22.251	7.4170		3.101		16.209	5.4030		3.048 (5)	
	178.329	59.4430				153.212	51.0706			
	59.4430					51.0707				

F.B. 2863 P.G. 44

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by E. E. Brooks Time 2:00 - 2:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-1 To BM 101-122
Date 24 Oct 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings (153.212)	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.780	59.4430	.177	3.1014		5.563	51.0706	.201	3.0478	BM 121-122
	6.603		.175			5.362		.201		Sierra Hwy and Ave M
11	5.428		.352			5.161		.402		see FB. 2410-38
	16.811	5.6037		3.4534	76°	16.086	5.3620		3.4506	
										Summation of Sum
										From B.M. 121-1
										To B.M. 101-122
										Total Backsights = + 65.0467'
										Total Foresights = − 56.4326'
										Diff. Elev. = + 8.6141'
										Backsight stadia = 3.4534
										Foresight Stadia = 3.4506
										Total Stadia = 6.9040
										= .44 mile
F.B. 2868 P.G. 42										
	195.140	65.0467				169.298	56.4326			
	65.0467					56.4326				

H. H. Jr.

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 11:40 - 1:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-1 To BM 121-2
Date 10-23-63
Indexed B. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.481		159		19	6.329		146		BM 121-1
	4.322		160			6.183		144		Ave M and 5th St E.
1	4.162		319			6.039		290		sec. F.B. 2868-7
	12.965	4.3217		.319	68°	18.551	6.1837		.290	
	4.556		161			5.952		160		
	4.395		160			5.792		160		T Cook
2	4.235		321			5.632		320		
	13.186	4.3953		.640		17.376	5.7920		.610	
	4.548		161			5.757		155		
	4.387		160			5.602		155		
3	4.227		321			5.447		310		
	13.162	4.3873		.961		16.806	5.6020		.920	
	4.946		152			5.488		167		
	4.794		154			5.321		169		
4	4.640		306			5.152		336		
	14.380	4.7933		1.267		15.961	5.3203		1.256	
	4.717		165			5.510		160		
	4.552		161			5.350		160		
5	4.391		326			5.190		320		
	13.660	4.5533		1.593		16.050	5.3500		1.576	
	67.353	22.4509				84.744	28.2480			

F.B. 2968 P.G. 43

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 11:40 - 1:15 Rod No. 19 - 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-1 To BM 121-2
Date 10-23-63
Indexed C. J. GALLI

F.B. 2868 P.G. 44

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	67.353	22.4509				84.744	28.2480			
	4.399		164	1.593		5.289		160	1.576	
	4.235		165			5.129		160		
6	4.070		329			4.969		320		
	12.704	4.2347		1.922		15.387	5.1290		1.896	
	4.939		164			5.898		151		
	4.775		164			5.747		149		
7	4.611		328			5.598		300		
	14.325	4.7750		2.250		17.243	5.7477		2.196	
	4.602		150			5.623		184		
	4.452		150			5.439		181		
8	4.302		300			5.258		365		
	13.356	4.4520		2.550		16.320	5.4400		2.561	
	4.558		167			5.748		168		
	4.391		167			5.580		170		
9	4.224		334			5.410		338		
	13.173	4.3910		2.884		16.738	5.5793		2.859	1 hr. for lunch
	5.263		160			6.270		155		
	5.103		160			6.115		158		
10	4.943		320			5.957		313		
	15.309	5.1030		5.204		18.342	6.1140		3.212	
	136.220	45.4060				168.774	56.2580			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear-Wind Inst. No. 15066
Notes by K. M. Kapp Time 11:40 - 1:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-1 To BM 121-2
Date 10-23-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	136.220	45.4066				168.774	56.2580			
	4.464		154	3.204	1	5.746		156	3.212	
	4.310		154			5.590		156		
11	4.156		308			5.434		312		
	12.930	4.3100		3.512		16.770	5.5900		3.524	
	4.263		166			6.462		160		Summation of Run
	4.097		163			6.302		160		From B.M. 121-1
12	3.934		329			6.142		320		To B.M. 121-2
	12.294	4.0980		3.841		18.906	6.3020		3.844	
	5.163		090			5.944		081		BM 121-2
	5.073		090			5.863		078		Ave. M & 10th St. E.
13	4.983		180			5.785		159		
	15.219	5.0730		4.021	72°	17.592	5.8640		4.003	See F.B. 2868-8
										Total Backsights = + 58.8876
										Total Foresights = − 74.0140
										Diff. Elev. = −15.1264
										Backsight stadia = 4.021
										Foresight Stadia = 4.003
										Total Stadia = 8.024
	176.663					222.042				= .51 Mi.
		58.8876					74.0140			

F.B. 2868 P.G. 45

H.H.F.O.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 1:30-2:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-2 To BM 121-1
Date 10-24-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.138		080		19	4.884		095		BM 121-2
	6.058		080			4.789		096		Ave. M & 10th St. E.
1	5.978		160			4.693		191		
	18.174	6.0580		.160	74°	14.366	4.7887		.191	See F.B. 2868-8
	6.300		161			4.402		162		
	6.139		164			4.240		160		T Workman
2	5.975		325			4.080		322		
	18.414	6.1380		.485		12.722	4.2407		.513	
	5.931		154			4.371		153		
	5.777		157			4.218		157		
3	5.620		311			4.061		310		U
	17.328	5.7760		.796		12.650	4.2167		.823	
	6.328		156			5.100		160		
	6.172		152			4.940		160		
4	6.020		308			4.780		320		
	18.520	6.1733		1.104		14.820	4.9400		1.143	
	5.788		177			4.628		160		
	5.611		173			4.468		159		
5	5.438		350			4.309		319		
	16.837	5.6123		1.454		13.405	4.4683		1.462	
F.B. 2868 P.G. 46										
	89.273	29.7576				67.963	22.6544			

76P526-CE 379—10-57

PLEASE RETURN TO
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700 Los Angeles County Engineering Bldg.

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 LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 1:30 – 2:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-2 To BM 121-1
Date 10-24-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	89.273	29.7576				67.963	22.6544			
6	5.550		167	1.454		4.580		171	1.462	
	5.383		164			4.409		169		
	5.219		331			4.240		340		
	16.152	5.3840		1.785		13.229	4.4097		1.802	
7	5.668		150			4.642		163		
	5.518		150			4.479		161		
	5.368		300			4.318		324		
	16.554	5.5180		2.085		13.439	4.4797		2.126	
8	5.642		166			4.998		157		
	5.476		168			4.841		154		
	5.308		334			4.687		311		
	16.426	5.4753		2.419		14.526	4.8420		2.437	
9	5.529		164			4.353		169		
	5.365		164			4.184		167		
	5.201		328			4.017		336		
	16.095	5.3650		2.747		12.554	4.1847		2.773	
10	5.732		152			5.220		160		
	5.580		156			5.060		160		
	5.424		308			4.900		320		
	16.736	5.5787		3.055		15.180	5.0600		3.093	
	171.236	57.0786				136.891	45.6305			

F.B. 2868 P.G. 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 LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 1:30 - 2:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-2 To BM 121-1
Date 10-24-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	171.236	57.0786				136.891	45.6305			
	5.767		165	3.055		4.507		157	3.093	
	5.602		162			4.350		153		
11	5.440		327			4.197		310		
	16.809	5.6030		3.382		13.054	4.3513		3.403	
	5.944		163			4.598		163		Summation of Run
	5.781		161			4.435		165		From B.M. 121-2
12	5.620		324			4.270		328		To B.M. 121-1
	17.345	5.7817		3.706		13.303	4.4343		3.731	
	6.259		151			5.177		156		BM 121-1
	6.108		149			5.021		153		Ave. M & 5th St. E.
13	5.959		300			4.868		309		
	18.326	6.1087		4.006	76°	15.066	5.0220		4.040	See F.B. 2868-7
										Total Backsights = + 74.5720
										Total Foresights = − 59.4381
										Diff. Elev. = + 15.1339
F.B. 2868 PG. 48										Backsight stadia = 4.006
										Foresight Stadia = 4.040
										Total Stadia = 8.046
	223.716					178.314				= .51 Mi.
		74.5720					59.4381			

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party P. E. Brooks Weather Clear - Windy Inst. No. 150CC
Notes by F. E. Brooks Time 1:10 — 1:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 4301.02
From BM 121-2 To BM 121-3
Date 23 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.320		.160			6.333		.145		BM 121-2
	4.160		.160			6.188		.146		Ave M and 10th St E.
	4.000		.320			6.042		.291		see F.B. 2868-B
	12.480	4.1600		.320	72°	15.563	5.1877		.291	
2	6.032		.147			5.111		.162		T Cork
	4.885		.146			4.949		.163		
	4.739		.293			4.786		.325		
	14.656	4.8853		.613		14.846	4.9487		.616	
3	4.798		.161			6.408		.165		
	4.637		.160			5.243		.164		
	4.477		.321			6.079		.329		
	13.912	4.6373		.934		15.730	5.2433		.945	
4	4.943		.163			5.726		.166		
	4.780		.160			5.560		.162		
	4.620		.323			5.398		.328		
	14.343	4.7810		1.257		16.684	5.5613		1.273	
5	4.649		.161			6.399		.160		
	4.488		.160			5.239		.160		
	4.328		.321			5.079		.320		
	13.415	4.4883		1.578		15.717	5.2390		1.593	
	68.856	22.9519				78.540	26.1800			
	22.9520					26.1800				

F.B. 2868 P.G. 44

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:10 - 1:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-2 To BM 121-3
Date 23 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 28.856	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 28.540	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.781	22.9519	.165	1.578		5.833	22.1800	.156	1.593	
6	4.616		.165			5.677		.159		
	4.451		.320			5.518		.315		
	13.848	4.6160		1.898		17.028	5.6760		1.908	
	4.667		.166			5.993		.161		
7	4.501		.164			5.832		.161		
	4.337		.330			5.671		.322		
	13.505	4.5017		2.228		17.496	5.8320		2.230	
	4.467		.166			5.703		.163		
8	4.301		.164			5.540		.162		
	4.137		.330			5.378		.325		
	12.905	4.3017		2.558		16.621	5.5403		2.555	
	4.267		.166			5.978		.177		
9	4.101		.163			5.801		.173		
	3.938		.329			5.628		.350		
	12.306	4.1020		2.887		17.407	5.8023		2.905	
	3.881		.171			6.242		.170		
10	3.710		.170			6.072		.172		
	3.540		.341			5.900		.342		
	11.131	3.7103		3.228		18.214	6.0713		3.247	
	132.551 / 14.1837	14.1836				168.306 / 56.1020	56.1019			

F.B. 2966 P.G. 50

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather Clear - Windy — Inst. No. 15066
Notes by F. E. Brooks — Time 1:10 - 1:40 — Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-2 To BM 121-3
Date 23 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 132.551	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 68.306	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	4.324	4.1836	.157	3.228		5.993	5.1019	.159	3.247	
	4.167		.159			5.834		.159		
	4.008		.311			5.675		.318		
	12.499	4.1663		3544		17.502	5.8340		3565	
12	4.418		.157			5.862		.155		
	4.261		.157			5.707		.153		
	4.104		.314			5.552		.310		
	12.783	4.2610		3858		17.121	5.7070		3875	
13	5.121		.134			7.020		.130		BM 121-3
	4.987		.136			6.890		.130		Ave M at Gate 10 Palmdale
	4.851		.270			6.760		.260		Airport
	14.959	4.9863		4.128	74°	20.670	6.8900		4135	See F.B. 2868-9
										Total Backsights = + 57.5972
						Summation of Run From B.M. 121-2 To B.M. 121-3				Total Foresights = − 74.5329
										Diff. Elev. = −16.9357
										Backsight stadia = 4.128
										Foresight Stadia = 4.135
										Total Stadia = 8.263
	172.792 57.5973	57.5972				223.599 74.5330	74.5329			F.B. 2868 P.G. 57

= .52 mile

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Karp Time 11:45 - 1:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-3 To BM 121-2
Date 10-24-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.169		129		19	5.253		135		BM 121-3
	7.040		130			5.118		138		Ave. N of Gate 10 Palmdale
	6.910		259			4.980		273		Airport
	21.119	7.0397		.259	68°	15.351	5.1170		.273	see F.B. 2818-9
2	6.047		157			4.439		159		
	5.890		154			4.280		159		T Workman
	5.736		311			4.124		318		
	17.673	5.8910		.570		12.840	4.2800		.591	
3	6.030		159			4.469		159		
	5.871		156			4.310		160		
	5.715		315			4.150		319		
	17.616	5.8720		.885		12.929	4.3097		.910	
4	6.420		171			4.202		172		
	6.249		170			4.030		170		
	6.079		341			3.860		342		
	18.748	6.2493		1.226		12.092	4.0307		1.252	
5	6.280		175			4.299		167		
	6.105		175			4.132		164		
	5.930		350			3.968		331		
	18.315	6.1050		1.576		12.399	4.1330		1.583	
	93471					65611				
	311570	311570				218703	218704			

F.B. 2868 P.G. 52

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 11:45-1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 039.02
From BM121-3 To BM121-2
Date 10-24-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.600	31.1570	161	1.576		4.481	21.8701	165	1.583	
	6.439		163			4.316		166		
6	6.276		324			4.150		331		
	19.315	6.4383		1.900		12.947	4.3157		1.914	1 hr. for lunch
	5.975		165			4.730		161		
	5.810		161			4.569		162		
7	5.649		326			4.407		323		
	17.434	5.8113		2.226		13.706	4.5687		2.237	
	5.910		159			4.564		164		
	5.751		158			4.400		160		
8	5.593		317			4.240		324		
	17.254	5.7513		2.543		13.204	4.4013		2.561	
	5.269		160			4.688		166		
	5.109		160			4.522		162		
9	4.949		320			4.360		328		
	15.327	5.1090		2.863		13.570	4.5233		2.889	
	5.780		161			5.098		168		
	5.619		161			4.930		164		
10	5.458		322			4.766		332		
	16.857	5.6190		3.185		14.794	4.9313		3.221	
	179658	598859				133832	44107			
	598860					44107				

F.B. 2868 P.G. 53

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear Inst. No. 15066
Notes by K. M. Kapp Time 11:45 - 1:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-3 To BM 121-2
Date 10-24-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 175658	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 133832	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.438	5.2885	175	3.185		4.862	4.6107	153	3.221	
	5.263		173			4.709		154		
11	5.090		348			4.555		307		
	15.791	5.2637		3.533		14.126	4.7087		3.528	
	5.651		152			4.970		157		
12	5.499		154			4.813		153		
	5.345		306			4.660		310		
	16.495	5.4983		3.839		14.443	4.8143		3.838	
	5.000		148			4.600		160		BM 121-2
13	4.852		145			4.440		160		Ave M and 10th St. E.
	4.707		293	1		4.280		320	1	See F.B. 2868-B
	14.559	4.8530		4.132	74°	13.320	4.4400		4.158	

F.B. 2868 PG. 54

Summation of Run
From B.M. 121-3
To B.M. 121-2

Total Backsights = 75.5009
Total Foresights = 58.5737
Diff. Elev. = +16.9272

Backsight stadia = 4132
Foresight Stadia = 4158
Total Stadia = 8290
= 0.52 MILES

226503 / 756010 = 75009

175721 / 58573 = 585737

N. J. J. A.

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15266
Notes by K. M. Kapp Time 1:50 - 2:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-3 To BM 121-4
Date 10-23-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.189		176		19	5.641		157		BM 121-3
	5.013		173			5.484		157		Ave M at gate 10 of
1	4.840		349			5.327		314		Palmdale Airport
	15.042	5.0140		.349	74°	16.452	5.4840		.314	See F.B. 2868-9
	4.818		158			5.590		159		
	4.660		160			5.431		156		T Cook
2	4.500		318			5.275		315		
	13.978	4.6593		.667		16.296	5.4320		.629	
	5.028		145			5.901		154		
	4.883		143			5.747		154		
3	4.740		288			5.593		308		
	14.651	4.8837		.955		17.241	5.7470		.937	
	4.563		168			6.729		170		
	4.395		167			6.619		170		
4	4.228		335			6.447		340		
	13.186	4.3953		1290		19.857	6.6190		1277	
	3.803		155			6.451		160		
	3.748		155			6.291		160		
5	3.593		310			6.131		320		
	11.244	3.7480		1.600		18.873	6.2910		1.597	
	68.101	22.7003				88.719	29.5730			

F.B. 2868 P.G. 35

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. Kapp Time 1:50–2:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-3 To BM 121-4
Date 10-23-63
Indexed C. JAGALLI

F.B. 2868 P.G. 56

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	68.101	22.7003				88.719	29.5730			
	3.907		160	1.600		5.791		160	1.597	
	3.747		160			5.631		160		
6	3.587		320			5.471		320		
	11.241	3.7470		1.920		16.893	5.6310		1.917	
	4.819		159			5.616		162		
	4.660		160			5.454		160		
7	4.500		319			5.294		322		
	13.979	4.6597		2.239		16.364	5.4547		2.239	
	5.210		155			5.332		159		
	5.055		156			5.173		155		
8	4.899		311			5.018		314		
	15.164	5.0547		2.550		15.523	5.1743		2.553	
	5.045		161			4.848		155		
	4.884		158			4.693		153		
9	4.726		319			4.540		308		
	14.655	4.8850		2.869		14.081	4.6937		2.861	
	5.028		163			5.439		160		
	4.865		159			5.279		160		
10	4.706		322			5.119		320		
	14.599	4.8663		3.191		15.837	5.2790		3.181	
	137.739	45.9130				167.417	55.8057			

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 1:50 - 2:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-3 To BM 121-4
Date 10-23-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	137.739	45.9130				167.917	55.8057			
	5.099		174	3.191		5.465		149	3.181	
	4.925		174			5.316		148		
11	4.751		348			5.168		297		
	14.775	4.9250		3.539		15.949	5.3163		3.478	
	5.149		201			4.934		224		BM 121-4
	4.948		200			4.710		224		Ave. M & 20th St. E.
12	4.748		401	1		4.486		448		
	14.845	4.9483		3.940	74°	14.130	4.7100		3.926	See F.B. 2868-10
										Summation of Run From B.M. 121-3 To B.M. 121-4
										Total Backsights = + 55.7863 Total Foresights = − 65.8320 Diff. Elev. = −10.0457 F.B. 2868 P.G. 57
										Backsight stadia = 3.940 Foresight Stadia = 3.926 Total Stadia = 7.866 = .50 Mi.
	167.359					197.496				
		55.7863					65.8320			

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 11:05 - 11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-4 To BM 121-3
Date 10-24-63
Indexed B. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.295		215		19	5.417		217		BM 121-4
	5.030		214			5.200		214		Ave. M & 20th St. E.
1	4.816		429			4.986		431		
	15.091	5.0303		.429	68°	15.603	5.2010		.431	Sec F.B. 2868-10
	5.748		148			5.093		172		
	5.600		150			4.921		172		T Workman
2	5.450		298			4.749		344		
	16.798	5.5993		.727		14.763	4.9210		.775	
	5.259		165			5.245		162		
	5.094		163			5.083		160		
3	4.931		328			4.923		322		
	15.284	5.0947		1.055		15.251	5.0837		1.097	
	5.338		164			5.280		152		
	5.174		164			5.128		150		
4	5.010		328			4.978		302		
	15.522	5.1740		1.383		15.386	5.1287		1.399	
	5.169		159			5.219		159		
	5.010		158			5.060		159		
5	4.852		317			4.901		318		
	15.031	5.0103		1.700		15.180	5.0600		1.717	
	77726	259086				76183	253944			
	25908					25394				

F.B. 2868 P.G. 58

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 11:05 - 11:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-4 To BM 121-3
Date 10-24-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 77726	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 76183	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.889	2.59086	160	1.700		4.712	2.53911	162	1.717	
	5.729		159			4.550		160		
6	5.570		319			4.390		322		
	17.188	5.7293		2.019		13.652	4.5507		2.039	
	5.468		158			4.049		162		
	5.310		155			3.887		159		
7	5.155		313			3.728		321		
	15933	5.3110		2.332		11.664	3.8880		2.360	
	6.681		161			3.879		157		
	6.520		160			3.722		154		
8	6.360		321			3.568		311		
	19.561	6.5203		2.653		11.169	3.7230		2.671	
	6.730		171			4.750		168		
	6.559		175			4.582		164		
9	6.384		346			4.418		332		
	19.673	6.5577		2.999		13.750	4.5833		3.003	
	6.120		140			5.101		152		
	5.980		140			4.949		151		
10	5.840		280			4.798		303		
	17.940	5.9800		3.279		14.848	4.9493		3.306	
	168021	560069				141266	470887			
	140970					140887				

F.B. 2868 P.G. 52

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. KaPP Time 11:05-11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-4 To BM 121-3
Date 10-24-63
Indexed E. J. GALI

Number of Station	BACKSIGHT Thread Readings (16802)	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings (14266)	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.664	560069	165	3.279		4.989	470887	152	3.306	
	5.499		168			4.837		154		
11	5.331		333			4.683		306		
	16.494	5.4980		3.612		14.509	4.8363		3.612	
	5.641		153			5.200		173		BM 121-3
	5.488		157			5.027		176		Ave. M at Gate 10 at
12	5.331		310			4.851		349		Palmdale Airport
	16.460	5.4867		3.922	68°	15.078	5.0260		3.961	See F.B. 2868-9

Summation of Run
From B.M. 121-4
To B.M. 121-3

Total Backsights = + 66.9916
Total Foresights = − 56.9510
Diff. Elev. = + 10.0406

Backsight stadia = 3.922
Foresight Stadia = 3.961
Total Stadia = 7.883
= 0.50 MILES

F.B. 2868 PG. 60

200975 669916
669917

170863 569510
569510

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Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 2:20 - 2:50 Rod No. 19-20

Name U.A. Co. Precise Level Net
Job No. 0301.02
From BM121-4 To BM121-5
Date 23 Oct 1963
Indexed E. J. GALM

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.449		.156			6.883		.160		BM 121-4
	4.293		.160			6.723		.159		Ave M and 20th St. E.
	4.133		.316			5.564		.319		See F.B. 2868-10
	12.875	4.2917		316	74°	17.170	5.7233		.319	
2	4.426		.155			4.829		.160		T Cook
	4.291		.154			4.769		.160		
	4.114		.309			4.609		.320		
	12.814	4.2713		.625		14.307	4.7690		.639	
3	4.019		.156			6.437		.158		
	3.863		.160			5.279		.160		
	3.703		.316			5.119		.318		
	11.585	3.8617		.941		15.835	5.2783		.957	
4	4.209		.140			4.942		.140		
	4.069		.140			4.802		.140		
	3.929		.280			4.662		.280		
	12.207	4.0690		1.221		14.406	4.8020		1.237	
5	4.464		.165			4.795		.162		
	4.299		.167			4.633		.160		
	4.132		.332			4.473		.322		
	12.895	4.2983		1.553		13.901	4.6337		1.559	
	62376	207920				75619	252063			
						75206				

F.B. 2868 P.G. 61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 2:20 - 2:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM121-4 To BM121-5
Date 23 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 62376	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 75619	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4.448	207920	.146	1.553		5.310	252063	.143	1.559	
	4.302		.143			5.167		.147		
	4.159		.289			5.020		.290		
	12.909	4.3030		1.842		15.497	5.1657		1.849	
7	4.336		.150			4.189		.152		
	4.186		.150			4.037		.155		
	4.036		.300			3.882		.307		
	12.558	4.1860		2.142		12.108	4.0360		2.156	
8	4.703		.143			4.903		.152		
	4.560		.141			4.751		.151		
	4.419		.284			4.600		.303		
	13.682	4.5607		2.426		14.254	4.7513		2.459	
9	5.338		.171			5.138		.170		
	5.167		.169			4.968		.171		
	4.998		.340			4.797		.341		
	15.503	5.1677		2.766		14.903	4.9677		2.800	
10	5.230		.158			5.439		.140		
	5.072		.162			5.299		.143		
	4.910		.320			5.158		.281		
	15.212	5.0707		3.086		15.896	5.2987		3.081	
	132270	440801				148277	492757			
	44080					49257				

F.B. 2868 P.G. 62

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Cloudy - Windy Inst. No. 15066
Notes by E. E. Brooks Time 2:20 - 2:50 Rod No 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-4 To BM 121-5
Date 23 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	132220					118277				
11	5.526	1.40801	.153	3.086		5.913	1.52157	.161	3.081	
	5.373		.150			5.757		.157		
	5.223		.307			5.600		.317		
	16.122	5.3740		3.389		17270	5.7567		3.394	
12	4.761		.207			5.939		.205		BM 121-5
	4.554		.205			5.734		.205		Ave N1 0.5 mile E. of
	4.349		.412			5.529		.410		20th St E.
	13.664	4.5547		3.801	72°	17202	5.7340		3804	See F.B. 2868-11
										Summation of Run From B.M. 121-4 To B.M. 121-5
										Total Backsights = + 5.40088 Total Foresights = − 6.09164 Diff. Elev. = − 69076
										Backsight stadia = 3801 Foresight Stadia = 3804 Total Stadia = 7605 = 0.18 MILES

F.B. 2868 P.G. 63

162026 5.40088
5.40087

182749 6.09164
609163

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 10:20 - 11:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 03 01 02
From BM 121-5 To BM 121-4
Date 10-24-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.348		200		19	5.346		191		BM 121-5
	6.148		203			5.155		193		Ave M 0.5 mile E. of
	5.945		403			4.962		384		20 Th St. E.
	18.441	6.1470		.403	66°	15.463	5.1543		384	See F.B. 2868-11
2	6.167		176			5.279		153		
	5.991		172			5.126		152		T Workman
	5.819		348			4.974		305		
	17.977	5.9923		.751		15.379	5.1263		689	
3	5.241		141			5.410		165		
	5.100		140			5.245		166		
	4.960		281			5.079		331		
	15.301	5.1003		1.032		15.734	5.2447		1020	
4	5.359		170			4.984		170		
	5.189		167			4.814		172		
	5.022		337			4.642		342		
	15.570	5.1900		1.369		14.440	4.8133		1.362	
5	5.231		151			5.558		149		
	5.080		151			5.409		149		
	4.929		302			5.260		298		
	15.240	5.0800		1.671		16.227	5.4090		1.660	
	82529	275096				77243	257476			
	275097					257477				

F.B. 2868 P.G. 64

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather clear Inst. No. 15066
Notes by K. M. Kapp Time 10:20-11:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301, 02
From BM 121-5 To BM 121-4
Date 10-24-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 82529	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 77243	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.206	275096	146	1.671		4.569	257476	151	1.660	
	5.060		149			4.418		153		
	4.911		295			4.265		304		
	15.177	5.0590		1.966		13.252	4.4173		1.964	
7	5.060		147			4.976		148		
	4.913		144			4.828		148		
	4.769		291			4.680		296		
	14.742	4.9140		2.257		14.484	4.8280		2.260	
8	5.278		157			4.561		169		
	5.121		154			4.392		166		
	4.967		311			4.226		335		
	15.366	5.1220		2.568		13.179	4.3930		2.595	
9	5.269		140			4.940		144		
	5.129		141			4.796		144		
	4.988		281			4.652		288		
	15.386	5.1287		2.849		14.388	4.7960		2.883	
10	5.779		160			4.159		154		
	5.619		160			4.005		154		
	5.459		320			3.851		308		
	16.857	5.6190		3.169		12.015	4.0050		3.191	
	160057	533523				144561	181869			
	533522					181870				

F.B. 2268 P.G. 65

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 10:20 - 11:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-5 To BM 121-4
Date 10-24-63
Indexed L. J. GALLI

Number of Station	BACKSIGHT Thread Readings 160057	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 121561	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.025	533523	158	3.169		4.773	481869	152	3.191	
	4.867		158			4.621		152		
	4.709		316			4.469		304		
	14.601	4.8670		3.485		13.863	4.6210		3.495	
12	5.928		164			4.428		160		BM 121-4
	5.764		162			4.268		160		Ave M & 20th St. E.
	5.602		326			4.108		320		See F.B. 2868-10
	17.294	5.7647		3.811	68°	12.804	4.2680		3.815	

Summation of Run
From B.M. 121-5
To B.M. 121-4

Total Backsights = +63.9840
Total Foresights = −57.0759
Diff. Elev. = +6.9081

Backsight stadia = 3.811
Foresight Stadia = 3.815
Total Stadia = 7.626
= .48 mile

F.B. 2868 P.G. 66

191952 639840
639840

171227 570759
570757

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:25 - 1:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-E To BM 121-C
Date 25 Oct 1963.
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.280		.176			6.004		.160		BM 121-5
	5.104		.173			4.844		.160		Ave M 0.5 mile E. of
1	4.931		.349			4.684		.320		20 Th St. E.
	15.315	5.1050		349	78°	14.532	4.8440		.320	See F.B. 2868-11
	4.809		.166			6.199		.161		
	4.643		.164			5.038		.160		T Cook
2	4.479		.330			4.919		.321		
	13.931	4.6437		.679		15.115	5.0383		.641	
	4.768		.148			6.489		.176		
	4.620		.148			5.313		.173		
3	4.472		.296			6.140		.349		
	13.860	4.6200		.975		15.942	5.3140		.990	
	6.508		.156			5.288		.166		
	6.352		.156			5.122		.164		
4	6.196		.312			4.958		.330		
	16.056	5.3520		1.287		15.368	5.1227		1.320	
	4.801		.162			6.303		.163		
	4.639		.165			5.140		.162		
5	4.474		.327			4.978		.325		
	13.914	4.6380		1.614		16.421	5.1403		1.645	
	73.076					76.378				
	24.3587	24.3587				25.4593	25.4593			

F.B. 2868 P.G. 67

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:25 – 1:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM121-5 To BM121-6
Date 25 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 25.076	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 26.378	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.009	24.3587	.170	1.614		4.766	25.4593	.165	1.645	
	4.839		.170			4.601		.162		
	4.669		.340			4.439		.327		
	14.517	4.8390		1.954		13.806	4.6020		1.972	
7	4.727		.168			4.950		.161		
	4.559		.168			4.789		.161		
	4.391		.336			4.628		.322		
	13.677	4.5590		2.290		14.367	4.7890		2.294	
8	4.979		.169			4.990		.172		
	4.810		.170			4.818		.173		
	4.640		.339			4.645		.345		
	14.429	4.8097		2.629		14.453	4.8177		2.639	
9	6.084		.155			6.190		.160		
	4.929		.159			5.030		.160		
	4.770		.314			4.870		.320		
	14.783	4.9277		2.943		15.090	5.0300		2.959	
10	5.467		.172			4.591		.164		
	5.295		.171			4.427		.166		
	5.124		.343			4.261		.330		
	15.886	5.2953		3.286		13.279	4.4263		3.289	
	146.368	48.7893				147.373	49.1243			
	48.7893					49.1243				

F.B. 2268 P.G. 68

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 13066
Notes by F. E. Brooks Time 1:25 - 1:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0701.02
From BM 121-5 To BM 121-6
Date 25 Oct 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings 146.316	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 147.303	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.018	48.7894	.167	3.286		5.079	49.1243	.162	3.289	
	4.851		.163			4.917		.162		
	4.688		.330			4.755		.324		
	14.557	4.8523		3.616		14.751	4.9170		3.613	
12	5.342		.170			5.009		.170		
	5.370		.171			4.839		.170		
	5.199		.343			4.669		.340		
	14.111	5.3703		3.959		14.517	4.8390		3.953	
13	5.096		.101			4.427		.101		BM 121-6
	4.985		.100			4.326		.100		Ave N and 30th St E
	4.889		.201			4.226		.201		See F.B. 2866-12
	14.956	4.9853		4.160	78°	12.979	4.3263		4.154	

Summation of Run
From B.M. 121-5
To B.M. 121-6

Total Backsights = + 63.9973
Total Foresights = − 63.2066
Diff. Elev. = +0.7907

Backsight stadia = 4.160
Foresight Stadia = 4.154
Total Stadia = 8.314
= .53 mile

F.B. 2866 P.G. 69

191.992
63.9973

63.9973

189.620
63.2066

63.2066

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather Clear - Windy — Inst. No. 1506.6
Notes by F. E. Brooks — Time 10:05 - 10:48 — Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-L To BM 121-S
Date 30 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.501		.099			5.186		.103		BM 121-L
	4.402		.098			5.083		.101		Ave M and 30th St.
1	4.304		.197			4.982		.204		E.
	13.207	4.4023		.197	68°	15.251	5.0837		.204	See F.B. 2668-12
	5.065		.168			5.547		.172		
	4.894		.169			5.375		.170		F Workman
2	4.725		.337			5.205		.342		
	14.681	4.8937		.534		16.127	5.3757		.546	
	5.065		.163			5.044		.166		
	4.902		.162			4.878		.165		
3	4.740		.325			4.713		.331		
	14.707	4.9023		.859		14.635	4.8783		.877	
	4.270		.163			5.039		.174		
	4.107		.165			4.865		.175		
4	3.942		.328			4.190		.349		
	12.319	4.1063		1.187		14.594	4.8647		1.226	
	5.145		.170			5.122		.153		
	4.975		.170			4.969		.154		
5	4.805		.340			4.815		.307		
	14.925	4.9750		1.527		14.906	4.9687		1.533	
	69.839 / 23.2797	23.2796				75.513 / 25.1710	25.1711			

F.B. 2668 P.G. 10

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 10:05 - 10:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-6 To BM 121-5
Date 30 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	69.837					75.513				
6	8.019	23.2796	.176	1.627		5.007	25.1711	.168	1.533	
	4.843		.176			4.839		.169		
	4.667		.752			4.670		.337		
	14.529	4.8430		1.879		14.516	4.8387		1.870	
7	4.595		.165			4.368		.168		
	4.430		.161			4.200		.170		
	4.269		.326			4.030		.338		
	13.294	4.4313		2.205		12.598	4.1993		2.208	
8	4.160		.160			4.330		.171		
	4.000		.160			4.159		.170		
	3.840		.320			3.989		.341		
	12.000	4.0000		2.525		12.478	4.1593		2.549	
9	4.430		.165			4.008		.168		
	4.265		.164			3.840		.169		
	4.101		.329			3.671		.337		
	12.796	4.2653		2.854		11.519	3.8397		2.886	
10	4.270		.167			4.717		.156		
	4.103		.163			4.561		.156		
	2.940		.330			4.405		.312		
	12.313	4.1043		3.184		17.683	4.5610		3.198	
	134.791	44.9237	44.9235			140.307	46.7690	46.7691		

F.B. 2268 P.G. 71

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 10:05 - 10:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-6 To BM 121-5
Date 30 OCT 1963
Indexed C. J. GALLI

F.B. 2868 PG. 72

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	34.971					140.309				
11	4.709	4.4923	.176	3.184		3.762	4.6691	.152	3.198	
	4.533		.174			3.610		.152		
	4.359		.350			3.458		.304		
	13.601	4.5337		3.534		10.830	3.6100		3.502	
12	4.409		.161			4.442		.165		
	4.248		.160			4.277		.164		
	4.088		.321			4.113		.329		
	12.745	4.2483		3.855		12.832	4.2773		3.831	
13	4.698		.164			4.540		.173		BM 121-5
	4.534		.164			4.367		.172		Ave. N 0.5 mile E. of
	4.370		.328			4.195		.345		20th St. E.
	13.602	4.5340		4.183		13.102	4.3673		4.176	See F.B. 2868-11
						Summation of Run From B.M. 121-6 To B.M. 121-5				Total Backsights = + 58.2395
										Total Foresights = − 59.0237
										Diff. Elev. = − 0.7842
										Backsight stadia = 4.183
										Foresight Stadia = 4.176
										Total Stadia = 8.359
										= 0.53 mi
	174.719	58.2395				177.071	59.0237			
	58.2397					59.0237				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 10:55 - 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-6 To BM 121-7
Date 10-30-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.270		130		19	4.742		147		BM 121-6
	4.140		131			4.595		145		Ave. N & 30th St. E.
1	4.009		261			4.450		292		
	12.419	4.1397		.261	68°	13.787	4.5957		.292	See F.B. 2868-2
	5.360		156			4.950		151		
	5.204		154			4.799		155		T Workman
2	5.050		310			4.644		306		
	15.614	5.2047		.571		14.393	4.7977		.598	
	4.980		155			4.908		151		
	4.825		152			4.757		154		
3	4.673		307			4.603		305		
	14.478	4.8260		.878		14.268	4.7560		.903	
	4.920		161			4.987		165		
	4.759		163			4.822		162		
4	4.596		324			4.660		327		
	14.275	4.7583		1.202		14.469	4.8230		1.230	
	5.013		157			5.026		155		
	4.856		156			4.921		153		
5	4.700		313			4.768		308		
	14.569	4.8563		1.515		14.765	4.9217		1.538	
	71.355	23.7850				71.682	23.8941			

F.B. 1969 P.G. 73

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 10:55 - 11:20 Rod No. 19 - 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-6 To BM 121-7
Date 10-30-63
Indexed C. J. GALLI

F.B. 2068 PG. 74

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	71.355	25.7850				71.682	23.8941			
	5.019		155	1.515		4.920		160	1.538	
	4.864		155			4.760		160		
6	4.709		310			4.600		320		
	14.592	4.8640		1.825		14.280	4.7600		1.858	
	5.373		159			5.193		152		
	5.214		158			5.041		151		
7	5.056		317			4.890		303		
	15.643	5.2143		2.142		15.124	5.0413		2.161	
	5.463		158			5.201		165		
	5.305		158			5.036		168		
8	5.147		316			4.868		333		
	15.915	5.3050		2.458		15.105	5.0350		2.494	
	5.129		167			5.259		146		
	4.962		165			5.113		143		
9	4.797		332			4.970		289		
	14.888	4.9627		2.770		15.342	5.1140		2.783	
	5.038		158			5.339		162		
	4.880		158			5.177		163		
10	4.722		316			5.014		325		
	14.640	4.8800		3.106		15.530	5.1767		3.108	
	147.033	49.0110				147.063	49.0211			

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. Kapp Time 10:55-11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-6 To BM 121-7
Date 10-30-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	147.033	49.0110				147.063	49.0211			BM 121-7
	5.113		106	3.106		3.761		122	3.108	Avc. M, 0.5 Mi. E. of
	5.007		107			3.639		123		30th St. E.
11	4.900		213			3.516		245		
	15.020	5.0067		3.319	68°	10.916	3.6387		3.353	See F.B. 2868-13
										Summation of Run
										From B.M. 121-6
										To B.M. 121-7
										Total Backsights = + 54.0177
										Total Foresights = − 52.6598
										Diff. Elev. = + 1.3579
										Backsight stadia = 3.319
										Foresight Stadia = 3.353
										Total Stadia = 6.672
										= .42 Mi.
	162.053					157.979				
		54.0177					52.6598			

F.B. 2868 P.G. 75

PLEASE RETURN TO
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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 LINE

Chief of Party F. E. Brooks — Weather Clear - Windy — Inst. No. 15066
Notes by F. E. Brooks — Time 1:50 - 2:20 — Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-7 To BM 121-6
Date 31 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals.	Sum of Intervals	DESCRIPTION AND REMARKS
	3.623		.121			4.981		.109		BM 121-7
	3.502		.120			4.872		.110		Ave M 0.5 mile E. of
1	3.382		.241			4.762		.219		30th St. E.
	10.507	3.5023		.241	72°	14.615	4.8717		.219	See FB. 2868-13
	4.951		.160			4.649		.156		
	4.791		.162			4.493		.156		T Cook
2	4.629		.322			4.338		.311		
	14.371	4.7903		.563		13.480	4.4933		.530	
	4.938		.156			4.790		.154		
	4.782		.154			4.636		.157		
3	4.628		.310			4.479		.311		
	14.348	4.7827		.873		13.905	4.6350		.841	
	4.907		.166			5.171		.160		
	4.741		.169			5.011		.160		
4	4.572		.335			4.851		.320		
	14.220	4.7400		1.208		15.033	5.0110		1.161	
	4.854		.155			5.023		.153		
	4.699		.158			4.870		.155		
5	4.541		.313			4.715		.308		
	14.094	4.6980		1.521		14.608	4.8693		1.469	
	67.540	22.5135				71.641	23.8803			
	22.5137					23.8803				

F.B. 2868 P.G. 72

76P526-CE 379—10-57

PLEASE RETURN TO
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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 LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:50 - 2:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM121-D To BM121-6
Date 31 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	17.540					11.691				
	4.931	22.5133	.149	1.521		6.054	23.8803	.167	1.469	
	4.782		.149			4.887		.167		
6	4.633		.298			4.720		.334		
	14.346	4.7820		1.819		14.661	4.8870		1.803	
	4.939		.155			4.863		.156		
	4.784		.153			4.707		.158		
7	4.631		.308			4.549		.314		
	14.354	4.7847		1.127		14.119	4.7063		2.117	
	4.737		.162			4.686		.163		
	4.575		.162			4.523		.162		
8	4.413		.324			4.361		.325		
	13.725	4.5750		2.451		13.570	4.5233		2.442	
	4.608		.150			4.680		.152		
	4.458		.153			4.528		.154		
9	4.305		.303			4.374		.306		
	13.371	4.4570		2.754		13.582	4.5273		2.748	
	4.590		.153			4.999		.155		
	4.437		.154			4.844		.155		
10	4.283		.307			4.689		.310		
	13.310	4.4367		3.061		14.532	4.8440		3.058	
	136.646	45.5487				142.105	47.3683			
	45.5487									

F.B. 1818 P.G. 177

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear - W Inst. No. 15066
Notes by F. E. Brooks Time 1:50 - 2:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM121-7 To BM121-6
Date 31 Oct 1943
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings (50.646)	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings (142.105)	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.668	45.5487	.145	3.041		4.201	47.3682	.133	3.058	BM 121-6
11	4.523		.145			4.068		.131		Ave N and 30th St E
	4.378		.290			3.937		.264		See FB 2968-12
	13.569	4.5230		3.351		12.206	4.0687		3.322	

Summation of Run
From B.M. 121-7
To B.M. 121-6

Total Backsights = + 50.0717
Total Foresights = − 51.4369
Diff. Elev. = − 1.3652

Backsight stadia = 3.351
Foresight Stadia = 3.322
Total Stadia = 6.673
= .42 mile

F.B. 2968 PG. 58

150.215
50.0717

164.311
51.4369

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather overcast Inst. No. 15066
Notes by F. E. Brooks Time 11:10 – 11:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-T To. BM 121-B
Date 10-25-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.371		.159			6.031		.152		BM 121-T
	4.219		.158			4.879		.151		Ave M 0.5 mile E. of 30th ST E.
	4.061		.315			4.728		.303		See F.B. 2068-13
	12.656	4.2187		.315	68°	14.638	4.8793		.303	
V	6.622		.160			6.620		160		T Kapp
	5.462		.161			5.460		160		
	5.301		.321			6.300		.320		
	16385	5.4617		.636		16.380	5.4600		.623	
3	6.352		.156			6.497		.166		
	5.196		.157			6.331		.163		
	5.039		.313			6.168		.329		
	15.587	5.1957		.949		15.996	5.3320		.962	
4	6.392		.159			6.404		.164		
	6.233		.159			5.240		.164		
	6.071		.318			6.076		.328		
	15.699	5.2330		1.267		15.720	5.2400		1.280	
5	6.512		.160			6.304		.166		
	6.352		.161			6.138		.166		
	6.191		.321			4.972		.332		
	16.055	5.3517		1.588		16.414	5.1380		1.612	
	76.382	25.4608				78.148	26.0493			
	25.4607					26.0493				

F.B. 2068 P.G. 13

PLEASE RETURN TO
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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 LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 11:10 - 11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM121-7 To BM121-8
Date 28 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 76.382	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 78.148	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.372	25.4608	.159	1.588		5.381	26.0493	.161	1.612	
	5.213		.155			5.220		.160		
	5.058		.314			5.060		.321		
	15.643	5.2143		1.902		15.661	5.2203		1.933	
7	5.398		.124			5.440		.170		
	5.234		.164			5.270		.169		
	5.070		.328			5.101		.339		
	15.702	5.2340		2.230		15.811	5.2703		2.272	
8	5.532		.170			5.392		.152		
	5.352		.167			5.240		.151		
	5.185		.337			5.089		.303		
	16.059	5.3530		2.567		15.721	5.2403		2.575	
9	5.660		.164			4.973		.157		
	5.496		.165			4.816		.159		
	5.331		.329			4.657		.316		
	16.487	5.4957		2.896		14.446	4.8153		2.891	
10	5.450		.167			5.390		.169		
	5.283		.164			5.221		.169		
	5.119		.331			5.052		.338		
	15.852	5.2840		3.227		15.663	5.2210		3.229	
	156.125 52.0417	52.0418				155.450 51.8167	51.8165			

F.B. 2868 P.G. 80

76P526-CE 379—10-57

PLEASE RETURN TO
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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 LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 11:10 - 11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-7 To BM 121-8
Date 28 Oct 1963
Indexed R. J. GALM

Number of Station	BACKSIGHT Thread Readings 156.123	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 155.450	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.492	5.2048	.164	3.227		6.184	5.0165	.166	3.229	
	5.328		.167			6.018		.168		
11	6.161		.331			4.850		.334		Summation of Run
	15.981	5.3270		3.558		15.052	5.0173		3.563	From B.M. 121-7
										To B.M. 121-8
	6.420		.168			6.355		.170		
	6.252		.164			6.185		.167		
12	6.088		.332			6.018		.337		Total Backsights = + 78.6108
	15.760	5.2533		3.890		15.558	5.1860		3.900	Total Foresights = − 77.5744
										Diff. Elev. = + 1.0367
	6.736		.164			6.530		.168		
	6.572		.162			6.362		.164		
13	6.410		.326			6.198		.332		Backsight stadia = 4.942
	16.718	5.5727		4.216		16.090	5.3633		4.232	Foresight Stadia = 4.949
										Total Stadia = 9.891
	6.301		.168			6.220		.171		= .63 mile
	6.133		.164			6.057		.171		
14	4.969		.332			4.886		.342		
	15.403	5.1343		4.548		15.171	5.0570		4.574	
										BM 121-8
	6.479		.198			6.322		.189		Ave N and 40th St. E.
	5.281		.196			6.133		.186		
15	6.085		.394			4.947		.375		See F.B. 2868-14
	15.845	5.2817		4.942	74°	15.402	5.1340		4.949	
	235.832 78.6107	78.6108				232.723 77.5743	77.5741			

F.B. 2868 P.G. 81

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather Clear-Windy — Inst. No. 15066
Notes by F. E. Brooks — Time 1:20 - 1:55 — Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-6 To BM 121-7
Date 29 Oct 1963
Indexed R. J. GALLI

F.B. 2868 P.G. 37

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.232		.187			5.401		.200		BM 121-8
	5.045		.186			5.201		.199		Ave M and 40th St. E
1	4.859		.373	.373	78°	5.002		.399	.399	See F.B. 2868-14
	15.136	5.0453				15.604	5.2013			
	4.980		.172			5.114		.166		T Cook
	4.808		.168			4.948		.166		
2	4.640		.340			4.782		.332		
	14.428	4.8093		.713		14.844	4.9480		.731	
	5.278		.168			5.407		.165		
	5.110		.164			5.242		.162		
3	4.941		.332			5.080		.327		
	15.334	5.1113		1.045		15.729	5.2430		1.054	
	5.208		.170			5.295		.165		
	5.038		.170			5.130		.167		
4	4.860		.340			4.963		.332		
	15.114	5.0380		1.385		15.388	5.1293		1.386	
	5.060		.167			5.357		.167		
	4.893		.165			5.190		.170		
5	4.728		.332			5.020		.337		
	14.681	4.8937		1.717		15.567	5.1890		1.733	
	14.693					79.132				
	24.8996	24.8996				25.7106	25.7106			

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:20 – 11:55 Rod No. 19-20

Name LA, Co. Precise Level Net
Job No. 0701. 02
From BM 121-B To BM 121-T
Date 29 OCT 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings 74.693	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 77.132	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.187	24.8976	.166	1.717		6.277	25.7106	.167	1.737	
	5.021		.168			5.110		.166		
6	4.863		.334			4.944		.333		
	15.071	5.0203		2.051		15.331	5.1103		2.070	
	4.802		.160			5.400		.164		
	4.642		.160			5.236		.163		
7	4.482		.320			5.073		.327		
	13.926	4.6420		2.371		15.709	5.2363		2.397	
	4.998		.165			6.203		.158		
	4.833		.161			5.045		.159		
8	4.672		.326			4.806		.317		
	14.503	4.8343		2.697		15.134	5.0447		2.774	
	5.351		.168			6.271		.163		
	5.183		.170			5.108		.165		
9	5.013		.338			4.943		.328		
	15.547	5.1823		3.035		15.322	5.1073		3.042	
	6.032		.161			5.067		.159		
	4.871		.160			4.908		.158		
10	4.711		.321			4.750		.317		
	14.614	4.8713		3.356		14.725	4.9083		3.359	
	148.344 / 49.4480	49.4476				153.353 / 51.1177	51.1175			

F.B. 1816 P.G. 83

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:20 – 1:55 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM121-8 To BM121-7
Date 29 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 148.344	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 153.353	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.050	49.4478	.166	3.356		5.186	51.1175	.160	3.359	
	4.884		.165			5.026		.162		
	4.719		.331			4.864		.322		Summation of Run
	14.653	4.8843		3.687		15.076	5.0253		3.671	From B.M. 121-8
										To B.M. 121-7
12	4.968		.166			4.889		.160		
	4.802		.163			4.729		.159		
	4.639		.329			4.570		.319		
	14.409	4.8030		4.016		14.188	4.7293		3.990 ~~4.000~~	Total Backsights = + 73.6908
13	5.123		.168			5.083		.155		Total Foresights = − 74.7401
	4.955		.165			4.928		.157		Diff. Elev. = − 1.0493
	4.790		.333			4.771		.312		
	14.868	4.9560		4.349		14.782	4.9273		4.302	Backsight stadia = 4.977
14	5.254		.162			5.272		.160		Foresight Stadia = 4.947
	5.092		.160			5.112		.160		Total Stadia = 9.924
	4.932		.322			4.952		.320		= .63 mile
	15.278	5.0927		4.671		15.336	5.1120		4.622	
15	4.660		.153			3.986		.157		BM 121-7
	4.507		.153			3.829		.158		Ave M 0.5 mile E. of
	4.354		.306			3.671		.315		30th St. E.
	13.521	4.5070		4.977	78°	11.486	3.8287		4.937	See F.B. 2868-13
	221.073	73.6908				224.321	74.7401			
	73.6910					74.7403				

F.B. 2868 P.G. 84

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by M. Bustrum Time 1:00 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-B To BM 121-9
Date 10-28-63
Indexed E. J. GALU

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4741		150		#19	5101		153		BM 121-B
	4591		150			4948		157		Ave. M and 40th St. E.
	4441		300			4791		310		see F.B. 2868-14
1	13.773	4.5910		300		14.840	4.9467		310	
	5138		164			5273		165		
	4974		164			5108		166		
	4810		328			4942		331		
2	14.922	4.9740		628		15.323	5.1077		641	T Kipp
	5488		152			5328		162		
	5336		154			5328		166		
	5182		306			5162		328		
3	16.006	5.3353		934		15.818	5.3267		769	
	5461		168			5298		167	331	
	5293		165			5131		167		
	5128		333			4964		334		
4	15.882	5.2940		1267		15.393	5.1310		1303	
	5518		150			5319		167		
	5368		150			5152		166		
	5218		300			4986		333		
5	16.104	5.3680		1567		15.457	5.1523		1636	
	76.687	25.5623				76.993	25.6644			
	25.5623					25.6643				

F.B. 2868 P.G. 25

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks Weather Overcast Inst. No. 15066
Notes by M. Bustrum Time 1:00 – 1:35 Rod No. 19-20

Name C.A. Co. Precise Level Net
Job No.
From BM 121-8 To 121-9
Date 10-28-63
Indexed C. J. GALLI

F.B. 2468 PG. 86

Number of Station	BACKSIGHT Thread Readings 76687	Mean 2.55623	*Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 76993	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5342		177	1367		5488	25.6644	158	1,636	
	5165		177			5330		155		
	4988		354			5175		313		
6	15495	5.1650		1.921		15993	5.3310		1.949	
	5548		155	306		5396		158	313	
	5393		151			5238		157		
	5242		306			5081		315		
7	16183	5.3943		2.227		15715	5.2383		2.264	
	5280		170	340		5652		160	319	
	5110		170			5472		159		
	4940		340			5313		319		
8	15330	5.1100		2.567		16437	5.4723		2.583	
	5418		157	316		5229		157	310	
	5259		160			5072		153		
	5099		319			4918		310		
9	15776	5.2587		2.886		15220	5.0733		2.893	
	5470		163	329		5764		163	330	
	5307		166			5568		167		
	5141		329			5432		330		
10	15918	5.3060		3.215		16795	5.5983		3.223	
	155.387	51.796				157.133	52.3776			
	51.7963					52.3777				

76P526-CE 379—10-57

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Chief of Party R. E. Brooks Weather overcast Inst. No. 150166
Notes by M. Bustrum Time 1:00 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0.301.02
From BM 121-8 To BM 121-9
Date 10-28-63
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	155384	51.7963				157133	52.3776			
	5570		200	3.215	X, 4	5252		196	3223	
	5370		200			5056		197		
11	5170		400			4859		393		
	16110	5.3700		3.615		15167	5.0558		3.616	
	5541		131	241		5134		109	217	BM 121-9
	5410		130			5025		108		Apx M 0.5 MI E. of
12	5280		261			4917		217		40TH ST. E.
	16231	5.4103		3.876	74°	15076	5.0253		3.833	FB 2868-15

Continuation of Run
From B.M. ~~121-8~~
To B.M. 121-9

Total Backsights = + 62.5766
Total Foresights = − 62.4582
Diff. Elev. = + 0.1184

F.B. 2868 P.G.

Backsight stadia = 3.876
Foresight Stadia = 3.833
Total Stadia = 7.709
= .49 MI

187730
62.5766 62.5766

187376
62.4582 62.4582

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Chief of Party R. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 12:55 - 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301-02
From BM 121-9 To BM 121-8
Date 10-29-63
Indexed E. J. GALT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.510		110		19	5.030		130		BM 121-9
	4.400		110			4.900		130		Alc M, 0.5 Mi. E. of
1	4.290		220			4.770		260		40th St. E.
	13.200	4.4000		.220	80°	14.700	4.9000		.260	See F.B. 2868-15
	5.027		207			5.030		190		
	4.820		208			4.840		190		T Cook
2	4.612		415			4.650		380		
	14.459	4.8197		.635		14.520	4.8400		.640	
	5.160		164			5.258		166		
	4.996		166			5.092		164		
3	4.830		330			4.928		330		
	14.986	4.9953		.965		15.278	5.0927		.970	
	5.102		154			4.956		159		
	4.948		156			4.797		158		
4	4.792		310			4.639		317		
	14.842	4.9473		1.275		14.392	4.7973		1.284	
	5.170		167			5.075		160		
	5.003		165			4.915		160		
5	4.838		332			4.755		320		
	15.011	5.0037		1.607		14.745	4.9150		1.607	
	72.498	24.1660				73.635	24.5450			

F.B. 2868 P.G. 88

76P526-CE 379—10-57

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Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 12:55-1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM121-9 To BM121-8
Date 10-29-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	72.498	24.1660				73.635	24.5450			
6	5.377		157	1.607		5.217		153	1.607	
	5.220		158			5.064		152		
	5.062		315			4.912		305		
	15.659	5.2197		1.922		15.193	5.0643		1.912	
7	5.083		171			5.197		170		
	4.912		169			5.027		170		
	4.743		340			4.857		340		
	14.738	4.9127		2.262		15.081	5.0270		2.252	
8	5.148		152			5.128		158		
	4.996		155			4.970		159		
	4.841		307			4.811		317		
	14.985	4.9950		2.569		14.909	4.9697		2.569	
9	4.881		169			5.165		167		
	4.712		167			4.998		168		
	4.545		336			4.830		335		
	14.138	4.7127		2.905		14.993	4.9977		2.904	
10	5.095		165			5.052		150		
	4.930		163			4.902		150		
	4.767		328			4.752		300		
	14.792	4.9307		3.233		14.706	4.9020		3.204	
	146.810	48.9368				148.517	49.5057			

F.B. 1868 P.G. 89

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Chief of Party F. E. Brooks Weather Clear Inst. No. 1526.6
Notes by K. M. Kapp Time 12:55 - 1:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-9 To BM 121-8
Date 10-29-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	146.810	48.9368				148.317	49.5057			
11	4.958		163	3.233		4.918		167	3.204	
	4.795		165			4.751		163		
	4.630		328			4.588		330		
	14.383	4.7943		3.561		14.257	4.7523		3.534	
12	4.950		153			4.537		150		BM 121-8
	4.797		155			4.387		150		Ave M and 40th St E
	4.642		308			4.237		300		
	14.389	4.7963		3.869	78°	13.161	4.3870		3.834	FB. 2868-14
										Total Backsights = + 58.5274
										Total Foresights = − 58.6450
										Diff. Elev. = − 0.1176
										Backsight Stadia = 3.869
										Foresight Stadia = 3.834
										Total Stadia = 7.703
										= .49 Mi.
										Summation of Run
										From B.M. 121-9
										To B.M. 121-8
	175.582					175.935				
		58.5274					58.6450			

F.B. 2868 P.G. 90

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 11:35 - 2:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-9 To BM 120-2
Date 29 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.539		.164			6.209		.160		BM 121-9
	5.375		.163			5.129		.159		Ave M 0.5 mile E. of
	5.212		.329			4.970		.319		HOTH St. E.
	16.126	5.3753		.329	74°	15.308	5.1193		.319	See F.B. 2868-15
2	6.662		.164			5.471		.169		
	5.498		.166			5.302		.167		T Kapp
	5.332		.330			5.135		.336		
	16.492	5.4973		.659		15.908	5.3027		.655	
3	6.542		.164			6.312		.155		
	5.378		.167			5.157		.158		
	5.211		.331			4.999		.313		
	16.131	5.3770		.988		15.468	5.1560		.968	
4	6.748		.170			6.281		.170		
	6.578		.169			5.111		.170		
	6.409		.339			4.941		.340		
	16.735	5.5783		1.327		15.333	5.1110		1.308	
5	6.714		.164			6.140		.159		
	5.550		.169			4.981		.159		
	5.383		.331			4.822		.318		
	16.147	5.5490		1.658		14.943	4.9810		1.626	
	82.131	27.3764				77.040	25.6800			
	27.3770					25.6800				

F.B. 2868 P.G. 9

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by E. E. Brooks Time 1:35 – 2:05 Rod No. 19-20

Name LA. Co. Precise Level Net
Job No. 0301.02
From BM121-9 To BM120-2
Date 28 Oct 1963
Indexed

F.B. 2868 P.G. 92

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	82.131					77.040				
	5.698	27.3769	.166	1.658		5.203	25.6800	.171	1.626	
	5.532		.164			5.032		.170		
6	5.368		.330			4.862		.341		
	16.598	5.5327		1.988		15.097	5.0323		1.967	
	5.763		.171			4.844		.154		
	5.592		.167			4.690		.153		
7	5.425		.338			4.537		.307		
	16.780	5.5933		2.326		14.071	4.6903		2.174	
	5.848		.168			5.362		.182		
	5.680		.168			5.180		.180		
8	5.512		.336			6.000		.362		
	17.040	5.6800		2.662		15.542	5.1807		2.736	
	5.476		.170			5.172		.163		
	5.306		.171			5.009		.163		
9	5.135		.341			4.846		.326		
	15.917	5.3057		3.003		15.027	5.0090		2.962	
	5.690		.171			5.311		.178		
	5.519		.172			5.133		.174		
10	5.347		.343			4.959		.352		
	16.556	5.5187		3.346		15.403	5.1343		3.314	
	165.022	55.0073				152.180	50.7266			
	55.0073					50.7267				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15011
Notes by F. E. Brooks Time 1:35 - 2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-9 To BM 120-2
Date 28 Oct 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings 16302	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 15218	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.397	55.007	.168	3346		5.281	50.7266	.161	3.314	Summation of Run
	6.229		.168			5.120		.162		From B.M. 121-9
	5.061		336			4.958		.323		To B.M. 120-2
	16.687	5.2290		3.682		153.59	5.1197		3.637	
12	5.427		.167			4.832		.169		Backsight stadia = 4.289
	5.260		.168			4.663		.165		Foresight Stadia = 4.251
	5.092		.335			4.498		.334		Total Stadia = 8.540
	15.779	5.2597		4.017		13.993	4.6643		3.971	= .54 mile
13	5.610		.138			4.111		.140		BM 120-2
	5.482		.134			3.971		.140		AVE N and 50TH ST E.
	5.358		.272			3.831		.280		See F.B. 2862-8
	16.450	5.4833		4.289	76°	11.913	3.9710		4.251	
										Total Backsights = + 70.9793
										Total Foresights = - 64.4816
										Diff. Elev. = +6.4977
										F.B. 2862 P.G. 93
	212.938	70.9793				193.445	64.4816			
	70.9793					64.4817				

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:25 — 11:56 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 120-2 To BM 121-9
Date 29 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.440		.134			4.999		.129		BM 120-2
	3.306		.133			4.870		.130		Ave M and 50th St E.
1	3.173		.267			4.740		.259		
	9.919	3.3063		.267	76°	14.609	4.8697		.259	See FB 2867-B
	4.523		.167			4.933		.164		
	4.356		.168			4.769		.166		T Kapp.
2	4.188		.335			4.603		.330		
	13.067	4.3557		.602		14.305	4.7683		.589	
	5.025		.164			5.286		.166		
	4.861		.162			5.120		.167		
3	4.699		.326			4.953		.333		
	14.585	4.8617		.918		15.359	5.1197		.922	
	4.986		.178			5.400		.173		
	4.808		.177			5.227		.170		
4	4.631		.355			5.057		.343		
	14.425	4.8083		1.283		15.684	5.2280		1.265	
	5.139		.163			5.376		.173		
	4.976		.163			5.203		.172		
5	4.813		.326			5.031		.345		
	14.928	4.9760		1.609		15.610	5.2033		1.610	
	66.924	22.3080				75.527	25.1890			
	22.3080					25.1890				

F.B. 2868 P.G. 94

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:25 – 11:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 120-2 To BM 121-9
Date 29 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	14.924					15.527				
6	5.025	22.3080	.175	1.609		5.583	25.1890	.172	1.610	
	4.850		.173			5.411		.171		
	4.677		.348			5.240		.343		
	14.552	4.8507		1.957		16.234	5.4113		1.957	
7	4.679		.153			5.557		.170		
	4.526		.154			5.387		.170		
	4.372		.307			5.217		.340		
	13.577	4.5257		2.264		16.161	5.3870		2.293	
8	4.848		.170			5.333		.164		
	4.678		.171			5.169		.166		
	4.507		.341			5.003		.330		
	14.033	4.6777		2.605		15.505	5.1683		2.623	
9	4.967		.160			5.579		.165		
	4.807		.159			5.414		.164		
	4.648		.319			5.248		.331		
	14.422	4.8073		2.924		16.239	5.4130		2.954	
10	5.070		.170			5.438		.168		
	4.900		.170			5.270		.169		
	4.730		.340			5.101		.337		
	14.700	4.9000		3.264		15.809	5.2697		3.291	
	138.208	46.0694				155.515	51.8383			
	46.0693					51.8383				

F.B. 1510 P.G. 23

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:25–11:50 Rod No. 19-20

Name LA. Co. Precise Level Net
Job No. 03 01.02
From BM 120-2 To BM 121-9
Date 29 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	138.208					133.515			
	5.060	46.0694	.157	3.264		5.436	51.8383	.166	3.291
	4.903		.156			5.270		.166	
11	4.747		.313			5.104		.332	
	14.710	4.9033		3.577		15.810	5.2700		3.623
	5.211		.178			5.320		.159	
	5.033		.175			5.162		.156	
12	4.868		.353			5.006		.314	
	15102	5.0340		3.930		15.488	5.1627		3.937
	4.902		.159			5.139		.163	
	4.743		.158			4.976		.163	
13	4.585		.317			4.813		.326	
	14.230	4.7433		4.247	78°	14.928	4.9760		4.263
	182.250					201.741			
	60.7500	60.7500				67.2470	67.2470		

DESCRIPTION AND REMARKS

Location of Run
From B.M. 120-2
To B.M. 121-9

Total Backsights = + 60.7500
Total Foresights = − 67.2470
Diff. Elev. = − 6.4970

BM 121-9
Ave M 0.5 Mi E. of
40 TH ST. E.
See FB 2868-15

Backsight stadia = 4.247
Foresight Stadia = 4.263
Total Stadia = 8.510
= .54 mile

F.B. 2868 P.G. 9&10

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by E. E. Brooks Time 2:10 - 2:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 120-2 To BM 120-1
Date 28 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.712		.159			4.859		.160		BM 120-2
	4.553		.158			4.699		.161		Ave Nl and 50th St E.
	4.395		.317			4.538		.321		see F.B. 2867-6
	13.660	4.5533		.317	74°	14.096	4.6987		.321	
2	5.699		.173			4.882		.180		T Kapp
	6.526		.175			4.702		.180		
	6.351		.348			4.526		.360		
	16.576	5.5253		.665		14.110	4.7033		.681	
3	6.810		.209			6.069		.206		
	5.601		.210			4.861		.207		
	5.391		.419			4.654		.415		
	16.802	5.6007		1.084		14.584	4.8613		1.096	
4	6.269		.256			4.247		.257		
	6.013		.254			3.990		.257		
	6.759		.510			3.733		.514		
	18.041	6.0137		1.594		11.970	3.9900		1.610	
5	6.878		.222			4.660		.226		
	5.656		.224			4.434		.224		
	5.432		.446			4.210		.450		
	16.966	5.6553		2.040		13.304	4.4347		2.060	
82.045	27.3483					68.064	22.6880			
27.3483						22.6880				

F.B. 2867 P.G. 21

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather overcast Inst. No. 15066
Notes by E. E. Brooks Time 2:10 - 2:30 Rod No. 19 - 20

Name L.A. Co. Precise Level Net
Job No. 03 01 02
From BM 120-2 To BM 120-1
Date 28 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	82.045					68.064				
6	5.769	27.3483	.227	2.040		4.799	22.6880	.229	2.060	Summation of Run
	5.542		.228			4.570		.227		From B.M. 120-2
	5.314		.455			4.343		.456		To B.M. 120-1
	16.625	5.5417		2.495		13.712	4.5707		2.516	
7	5.877		.248			4.937		.232		Total Backsights = + 49.9770
	5.629		.246			4.705		.230		Total Foresights = − 39.6731
	5.384		.493			4.475		.462		Diff. Elev. = +10.3039
	16.890	5.6300		2.988		14.117	4.7057		2.978	
8	6.060		.253			4.298		.250		Backsight stadia = 4.028
	5.807		.255			4.048		.250		Foresight Stadia = 4.040
	5.552		.508			3.798		.500		Total Stadia = 8.068
	17.419	5.8063		3.496		12.144	4.0480		3.478	= .51 mile
9	5.917		.267			3.942		.282		BM 120-1
	5.650		.265			3.660		.280		50th St. E. 0.5 mile
	5.385		.532			3.380		.562		S. of Ave M.
	16.952	5.6507		4.028	16°	10.982	3.6607		4.040	See F.B. 2867-7
	149.931	49.9770				119.019	39.6731			
	49.9770					39.6730				

F.B. 2868 P.G. 98

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15016
Notes by K. M. Kapp Time 11:00 - 11:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.07
From BM120-1 To BM120-2
Date 10-29-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	3.922		279		19	5.912		259		BM 120-1
	3.643		278			5.653		258		50th St. E. 0.5 mile
	3.365		557			5.395		517		S. of Ave M.
	10.930	3.6433		.557	74°	16.960	5.6533		.517	See F.B. 2967-7
2	4.215		250			6.081		254		T Cook
	3.965		250			5.827		254		
	3.715		500			5.573		508		
	11.895	3.9650		1.057		17.481	5.8270		1.025	
3	5.058		233			5.867		243		
	4.825		233			5.624		243		
	4.592		466			5.381		486		
	14.475	4.8250		1.523		16.872	5.6240		1.511	
4	4.796		229			5.926		227		
	4.567		230			5.699		226		
	4.337		459			5.473		453		
	13.700	4.5667		1.982		17.098	5.6993		1.964	
5	4.780		224			5.832		223		
	4.556		226			5.609		220		
	4.330		450			5.389		443		
	13.666	4.5553		2.432		16.830	5.6100		2.407	
	64.666	21.5553				85.241	28.4136			

F.B. 2967 P.G. 99

PLEASE RETURN TO
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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 LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 13066
Notes by K. M. Kapp Time 11:00 - 11:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 120-1 To BM 120-2
Date 10-29-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	64.666	21.5553				85.291	28.4136			
	4.037		258	2.432		6.060		253	2.407	Summation of Run
	3.779		260			5.807		252		From B.M. 120-1
6	3.519		518			5.555		505		To B.M. 120-2
	11.335	3.7783		2.950		17.422	5.8073		2.912	
	4.950		200			5.696		215		Total Backsights = + 39.1429
	4.750		200			5.481		213		Total Foresights = − 49.4406
7	4.550		400			5.268		428		Diff. Elev. = −10.2977
	14.250	4.7500		3.350		16.445	5.4817		3.340	
	4.867		180			5.705		174		Backsight stadia = 4.016
	4.687		180			5.531		173		Foresight Stadia = 4.015
8	4.507		360			5.358		347		Total Stadia = 8.031
	14.061	4.6870		3.710		16.594	5.5313		3.687	= .51 Mi.
	4.526		155			4.371		165		BM 120-1
	4.371		151			4.206		163		Ave M and 50th St. E.
9	4.220		306			4.043		328		See F.B. 2867-B
	13.117	4.3723		4.016	76°	12.620	4.2067		4.015	
	117.429					148.322				
		39.1429					49.4406			

F.B. 1868 P.G. 100

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by E. E. Brooks Time 11:25 - 11:50 Rod No. 19 - 20

T.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 120-2 To BM 121-10
Date 30 Oct 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.595		.173			5.428		.173		BM 121-2
	2.422		.174			5.255		.175		Ave M and 50 Th St. E.
1	2.248		.347			5.080		.348		see F.B. 2867-6
	7.265	2.4217		.347	68°	15.763	5.2543		.348	
	6.619		.164			5.485		.166		T Workman
	6.455		.166			5.319		.166		
2	6.209		.330			6.153		.332		
	16.363	5.4543		.677		15957	5.3190		.680	
	6.778		.166			5.299		.166		
	6.612		.164			5.133		.165		
3	6.448		.330			4.968		.331		
	16.838	5.6127		1.007		15.400	5.1333		1011	
	6.705		.176			5.162		.174		
	6.529		.174			4.988		.177		
4	6.355		.350			4.811		.351		
	16.589	5.5297		1.357		14.961	4.9870		1.362	
	6.698		.161			5.191		.162		
	6.537		.165			5.029		.162		
5	6.372		.326			4.867		.324		
	16.607	5.5357		1.683		15.087	5.0290		1.686	
	73.662	24.6541				77.168	25.7226			
	24.5540					25.7227				

F.B. 2869 P.G. 111

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 11:25 - 11:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 120-2 To BM 121-10
Date 30 Oct 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings 73.662	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 77.168	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.610	24.3541	.172	1.685		5.102	25.7226	.173	1.686	
	6.438		.175			4.929		.176		
	5.263		.347			4.754		.348		
	16.311	5.4370		2.030		14.785	4.9283		2.034	
7	6.876		.164			5.177		.168		Summation of Run From B.M. 120-2 To B.M. 121-10
	5.712		.163			5.009		.167		
	5.549		.327			4.842		.335		
	17.137	5.7123		2.357		15.028	5.0093		2.369	
8	6.699		.175			5.312		.170		Total Backsights = + 53.0927
	5.524		.174			5.142		.169		Total Foresights = − 49.7699
	5.350		.349			4.973		.339		Diff. Elev. = + 3.3228
	16.573	5.5243		2.706		15.427	5.1423		2.708	
9	6.777		.199			6.351		.201		Backsight stadia = 3.336
	5.578		.198			5.150		.199		Foresight Stadia = 3.357
	5.380		.397			4.951		.400		Total Stadia = 6.687
	16.735	5.5783		3.103		15.452	5.1507		3.108	= .42 mile
10	6.403		.116			3.938		.121		BM 121-10
	6.287		.117			3.817		.122		Ave M 0.5 E. of 50th St. E.
	6.170		.233			3.695		.243		
	18.860	6.2867		3.336		11.450	3.8167		3.351	See FB. 2868-16
	169.278	53.0927				149.310	49.7699			
	53.0927					49.7700				

F.B. 2868 PG. 102

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 12:55-1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-10 To BM 120-2
Date 1 Nov. 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.137		.124			6.640		.112		BM 121-10
	4.013		.121			6.528		.112		Ave. M 0.5 mile E. of
	3.892		.245			6.416		.224		60 th St. E.
	12.042	4.0140		.245	80°	19.584	6.5280		.224	See F.B. 2868-16
2	6.183		.201			6.520		.200		
	4.982		.199			5.320		.200		T Workman
	4.783		.400			5.120		.400		
	14.948	4.9827		.645		15.960	5.3200		.624	
3	5.195		.170			5.664		.174		
	5.025		.170			5.490		.171		
	4.855		.340			5.319		.345		
	15.075	5.0250		.985		16.473	5.4910		.969	
4	5.260		.167			5.903		.165		
	5.093		.165			5.738		.168		
	4.928		.332			5.570		.333		
	15.281	5.0937		1.317		17.211	5.7370		1.302	
5	5.090		.172			5.660		.177		
	4.918		.169			5.483		.174		
	4.749		.341			5.309		.351		
	14.757	4.9190		1.658		16.452	5.4840		1.653	
	72.103	24.0344				85.680	28.5600			
	24.0343					28.5600				

F.B. 2868 P.G. 16

PLEASE RETURN TO
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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 LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 12:55 - 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0311.02
From BM 121-10 To BM 120-2
Date 1 Nov 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings 72.103	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 85.680	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals
6	6.284	24.0344	.164	1.658		5.709	28.5600	.160	1.653
	6.120		.167			5.549		.160	
	4.963		.331			5.389		.320	
	15.357	5.1190		1.989		16.647	5.5490		1.973
7	6.050		.175			5.640		.175	
	4.875		.175			5.465		.175	
	4.700		.350			5.290		.350	
	14.625	4.8750		2.339		16.395	5.4650		2.323
8	6.352		.164			5.761		.163	
	6.188		.166			5.598		.167	
	6.022		.330			5.431		.330	
	15.562	5.1873		2.669		16.790	5.5967		2.663
9	6.310		.164			5.708		.168	
	5.146		.167			5.540		.167	
	4.979		.331			5.373		.335	
	15.435	5.1450		3.000		16.621	5.5403		2.988
10	6.718		.170			2.690		.170	
	6.548		.169			2.520		.171	
	6.379		.339			2.349		.341	
	19.645	6.5483		3.339	80°	7.559	2.5197		3.329
	49.727	49.9090				159.642	53.2307		
	49.9090					53.2307			

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 121-10
To B.M. 120-2

49.9090

Total Backsights = + 49.9090
Total Foresights = - 53.2307
Diff. Elev. = - 3.3217

Backsight stadia = 3.339
Foresight Stadia = 3.329
Total Stadia = 6.668
= .42 mile

BM 120-2
Ave N and 50th St E.
See FB 2867-6

F.B. 2867 P.G. 104

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 1:00 - 1:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-10 To BM 121-11
Date 10-30-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.770		160		19	9.907		167		BM 121-10
	3.610		160			4.740		170		Ave. N. 0.5 mile E. of
1	3.450		320			4.570		337		50 Th St E.
	10.830	3.6100		.320	74°	14.217	4.7390		.337	See F.B. 2868-16
	6.134		164			5.071		166		
	5.970		161			4.905		165		T Workman
	5.809		325			4.740		331		
	17.913	5.9710		.645		14.716	4.9053		.668	
	5.278		166			5562		171		
	5.112		162			5.391		170		
3	4.950		328			5.221		341		
	15.340	5.1133		973		16.174	5.3913		1.009	
	5.530		167			5.488		163		
	5.363		163			5325		160		
4	5.200		330			5.165		323		
	16.093	5.3643		1303		15.978	5.3260		1332	
	5.719		155			4.919		160		
	5.564		159			4.259		160		
5	5.410		309			4.099		320		
	16.693	5.5643		1.612 ✓		12.777	4.2590		1652 ✓	
	76.869	25.6229 ✓				73.862	24.6206 ✓			

F.B. 2868 C.P.G. 115

PLEASE RETURN TO
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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 LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. Kapp Time 1:00- 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-10 To BM 121-11
Date 10-30-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	76.869	25.6229				73.862	24.6206			
6	5.189		168	1.612		5.691		158	1.652	
	5.021		170			5.533		158		
	4.851		338			5.375		316		
	15.061	5.0203		1.950		16.599	5.5330		1.968	
7	5.822		152			4.700		144		
	5.670		151			4.556		145		
	5.519		303			4.411		289		
	17.011	5.6703		2.253		13.667	4.5557		2.257	
8	5.020		158			5.450		161		
	4.862		160			5.289		160		
	4.702		318			5.129		321		
	14.584	4.8613		2.571		15.868	5.2893		2.578	
9	5.530		143			5.571		144		
	5.387		147			5.427		147		
	5.240		290			5.280		291		
	16.157	5.3857		2.861		16.278	5.4260		2.869	
10	6.198		159			4.862		163		
	6.039		159			4.699		162		
	5.880		318			4.537		325		
	18.117	6.0390		3.179		14.098	4.6993		3.194	
	157.799	52.5995				150.372	50.1239			

F.B. 2869 P.G. 106

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 1:00 - 1:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-10 To BM 121-11
Date 10-30-63
Indexed R. J. Galli

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	157.799	52.5995				150.372	50.1239			
	5.941		147	3.179		5.891		144	3.194	
	5.794		146			5.747		146		
11	5.648		293			5.601		290		
	17.383	5.7943		3.472		17.239	5.7463		3.484	
	5.582		150			4.892		147		Summation of Run
	5.432		149			4.745		147		From B.M. 121-10
12	5.283		299			4.598		294		To B.M. 121-11
	16.297	5.4323		3.771		14.235	4.7450		3.778	
	5.650		152			5.098		164		Total Backsights = + 79.0882
	5.498		156			4.934		162		Total Foresights = − 75.3309
13	5.342		308			4.772		326		Diff. Elev. = + 3.7573
	16.490	5.4967		4.079		14.804	4.9347		4.104	
	4.660		174			5.619		160		Backsight stadia = 4.647
	4.486		175			5.459		160		Foresight Stadia = 4.656
14	4.311		349			5.299		320		Total Stadia = 9.303
	13.457	4.4857		4.428		16.377	5.4590		4.424	= .59 Mi.
	5.389		109			4.438		116		BM 121-11
	5.280		110			4.322		116		Ave. M & 60th St. E.
15	5.170		219			4.206		232		
	15.839	5.2797		4.647	76°	12.966	4.3220		4.656	See F.B. 2868-17
	237.265	79.0882				225.993	75.3309			

F.B. 2868 P.G. 10

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:16 - 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-11 To BM 121-10
Date 1 Nov. 1963
Indexed J. GALLI

F.B. 2868 P.G. 108

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.587		.107			5.351		.112		BM 121-11
	4.480		.110			5.239		.116		Ave. M & 60th St. E.
1	4.370		.217			5.123		.228		
	13.437	4.4790		.217	70°	15.713	5.2377		.228	See F.B. 2868-17
	5.729		.160			4.987		.165		
	5.563		.169			4.822		.162		T. Workman
2	5.394		.335			4.660		.327		
	16.686	5.5620		.552		14.469	4.8230		.555	
	5.149		.161			5.711		.157		
	4.988		.162			5.559		.155		
3	4826		.323			5404		.307		
	14.963	4.9877		.875		16.674	5.5580		.862	
	5.029		.149			5.730		.170		
	4.880		.150			5.560		.172		
4	4.730		.299			5.308		.342		
	14.639	4.8797		1.174		16.678	5.5593		1.204	
	5.857		.126			5.998		.148		
	5.731		.126			5.840		.150		
5	5.605		.252			5.690		.298		
	17.193	5.7310		1.426		17.518	5.8393		1.602	
	76.918	25.6394				81.052	27.0175			
	25.6393					27.0173				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 1506 C
Notes by E. E. Brooks Time 11:10 - 11:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-11 To BM 121-10
Date 1 Nov. 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	26.990					81.052				
	4.927	25.6394	.176	1.426		6.209	27.0173	.147	1.502	
	4.751		.172			6.062		.144		
6	4.579		.348			6.918		.291		
	14.257	4.7523		1.774		18.189	6.0630		1.793	
	5.514		.144			6.409		.147		
	5.370		.148			6.262		.145		
7	5.222		.292			6.117		.292		
	16.106	5.3687		2.066		18.788	6.2627		2.085	
	6.490		.162			4.950		.159		
	6.328		.160			4.791		.157		
8	6.168		.322			4.634		.316		
	18.986	6.3287		2.388		14.375	4.7917		2.401	
	4.798		.147			6.208		.154		
	4.651		.143			6.054		.152		
9	4.508		.290			6.902		.306		
	13.957	4.6523		2.678		18.164	6.0547		2.707	
	6.100		.166			6.398		.160		
	5.934		.166			6.238		.160		
10	5.768		.332			6.078		.320		
	17.802	5.9340		3.010		15.714	5.2380		3.027	
	105.026	51.6753				163.282	54.4273			
	51.6753					54.4273				

F.B. 2019 P.G. 15

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:10 - 11:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-11 To BM 121-10
Date 1 Nov. 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings (55.026)	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings (63.882)	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.404	51.6754	.164	3.010		5.628	54.4274	.150	3.027	
	4.240		.167			5.478		.151		
11	4.073		.331			5.327		.301		
	12.717	4.2390		3.341		16.433	5.4777		3.328	
	5.587		.163			5.710		.171		Summation of Run
	5.424		.163			5.539		.174		From B.M. 121-11
12	5.261		.326			5.365		.345		To B.M. 121-10
	16.272	5.4240		3.667		16.614	5.5380		3.673	
	5.800		.163			5.682		.164		Total Backsights = + 76.9764
	5.639		.167			5.518		.168		Total Foresights = − 80.7361
13	5.470		.330			5.350		.332		Diff. Elev. = − 3.7597
	16.907	5.6357		3.997		16.550	5.5167		4.005	
	5.347		.164			6.163		.160		Backsight stadia = 4.666
	5.181		.163			6.003		.163		Foresight Stadia = 4.637
14	5.018		.329			5.840		.323		Total Stadia = 9.303
	15.546	5.1820		4.326		18.006	6.0020		4.328	= .59 mile
	4.990		.169			3.929		.155		BM 121-10
	4.821		.171			3.774		.154		Ave. M, 0.5 Mi. E. of
15	4.660		.340			3.620		.309		150 th St. E.
	14.471	4.8203		4.666	78°	11.323	3.7743		4.137	See F.B. 2868-16
	230.929	76.9764				242.208	80.7360			
	76.9763									

F.B. 2868 P.G. 110

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:45 - 2:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0701.02
From BM 121-11 To BM 121-12
Date 30 Oct 1963
Indexed E. J. GAU

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.123		.149			6.189		.140		BM 121-11
	3.974		.151			6.049		.140		Ave. M and 60th St.
	3.823		.300			5.909		.280		E.
	11.920	3.9733		.300	76°	18.147	6.0490		.280	See F.B. 2818-17
2	4.488		.189			6.027		.182		
	4.299		.189			5.845		.181		IT Workman
	4.110		.378			5.664		.363		
	12.897	4.2990		.676		17.536	5.8453		.643	
3	4.758		.159			6.089		.164		
	4.599		.159			4.925		.162		
	4.440		.318			4.763		.326		
	13.797	4.5990		.996		14.777	4.9257		.969	
4	4.918		.183			6.584		.182		
	4.735		.185			5.402		.182		
	4.550		.368			5.220		.364		
	14.203	4.7343		1.364		16.206	5.4020		1.333	
5	5.050		.175			5.234		.175		
	4.875		.176			5.059		.178		
	4.700		.350			4.881		.353		
	14.625	4.8750		1.714		15.174	5.0580		1.686	
	67.442 / 32.4807	22.4806				81.840 / 27.2800	27.2800			

F.B. 2818 P.G. 111

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No 15021
Notes by F. E. Brooks Time 1:45 — 2:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0201.02
From BM 121-11 To BM 121-12
Date 30 Oct 1913
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	27.442					31.840				
	4.930	22.4806	.171	1.714		4.963	27.2800	.180	1.686	
	4.759		.170			4.783		.179		
6	4.589		.341			4.604		.359		
	14.278	4.7593		2.055		14.350	4.7833		2.045	
	4.990		.171			5.428		.170		
	4.819		.169			5.258		.170		
7	4.650		.340			5.088		.340		
	14.459	4.8197		2.395		15.774	5.2580		2.385	
	4.899		.177			5.341		.178		
	4.722		.174			5.169		.176		
8	4.548		.351			4.993		.354		
	14.169	4.7230		2.746		15.509	5.1697		2.739	
	5.195		.167			5.133		.172		
	5.028		.169			4.961		.171		
9	4.859		.336			4.790		.343		
	15.082	5.0273		3.082		14.884	4.9613		3.086	
	4.482		.172			5.259		.177		
	4.310		.172			5.082		.174		
10	4.138		.344			4.908		.351		
	12.930	4.3100		3.422		15.249	5.0830		3.433	
	139.360	46.1199				167.106	52.5353			
	46.1200					52.5353				

F.B. 1268 P.G. 112

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:45-2:10 Rod No. 19-20

Name L.A. Co. Precise Level No. 1
Job No. 0301.02
From BM 121-11 To BM 121-12
Date 30 Oct 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 138.360	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 157.206	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.098	46.1199	.176	3.426		5.024	52.5753	.175	3.433	
	4.922		.172			4.849		.176		
11	4.750		.348			4.673		.351		
	14.770	4.9233		3.774		14.546	4.8487		3.984	
	4.970		.173			5.229		.177		BM 121-12
	4.796		.177			5.052		.173		60th St E 0.5 mile N
12	4.619		.350			4.879		.350		of Ave M
	14.385	4.7950		4.124	68°	15.160	5.0533		4.134	See F.B. 2868-18

Summation of Run
From B.M. 121-11
To B.M. 121-12

Total Backsights = + 55.8382
Total Foresights = − 62.4373
Diff. Elev. = − 6.5991

Backsight stadia = 4.124
Foresight Stadia = 4.134
Total Stadia = 8.258
= .52 mile

F.B. 2868 P.G. 113

~~165.~~ 167.515 55.8382 187.312 62.4373

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:35-11:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-12 To BM 121-11
Date 1 Nov 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.248		.174			4.938		.177		BM 121-12
	5.071		.175			4.761		.178		Loma St. E 0.5 mile N.
	4.896		.352			4.583		.355		of Ave N.
	16.215	5.0717		.352	70	14.282	4.7607		.355	See F.B. 2868-18
2	4.902		.175			4.679		.177		T Workman
	4.727		.177			4.502		.173		
	4.550		.352			4.329		.350		
	14.179	4.7263		.704		13.510	4.5033		.705	
3	4.646		.176			4.356		.176		
	4.470		.172			4.181		.171		
	4.498		.348			4.010		.346		
	14.014	4.6713		1.052		12.547	4.1823		1.051	
4	4.892		.175			4.741		.169		
	4.723		.171			4.572		.166		
	4.552		.346			4.406		.335		
	14.173	4.7243		1.398		13.719	4.5730		1.386	
5	5.048		.180			4.909		.174		
	4.868		.179			4.737		.175		
	4.689		.359			4.562		.347		
	14.605	4.8683		1.757		14.208	4.7360		1.733	
	72.186	24.0619				68.266	22.7553			
	24.0620					22.7553				

F.B. 2868 P.G. 114

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:35 - 11:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-12 To BM 121-11
Date 1 Nov 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	72.186					68.266				
8	6.342	24.0619	.172	1.757		4.700	22.7553	.168	1.733	
	5.170		.170			4.532		.168		
6	5.000		.342			4.364		.336		
	15.512	5.1707		2.099		13.596	4.5320		2.069	
	4.478		.181			4.185		.173		
	4.297		.179			4.512		.170		
7	4.118		.360			4.342		.343		
	12.893	4.2977		2.459		13.539	4.5130		2.412	
	6.264		.176			4.908		.171		
	5.078		.178			4.737		.175		
8	4.900		.354			4.562		.346		
	15.232	5.0773		2.813		14.207	4.7357		2.758	
	6.366		.169			4.809		.198		
	5.197		.169			4.611		.199		
9	5.028		.338			4.412		.397		
	15.591	5.1970		3.151		13.832	4.6107		3.155	
	6.010		.161			4.562		.159		
	4.849		.164			4.403		.156		
10	4.685		.325			4.249		.315		
	14.544	4.8480		3.476		13.212	4.4040		3.470	
	145.958	48.6526				136.652	45.5507			
	48.6527					45.5507				

F.B. 1115 P.G. 115

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:35 - 11:05 Rod No. 19-20

LA. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-12 To BM 121-11
Date 1 Nov 1963
Indexed R.J. GALM

Number of Station	BACKSIGHT Thread Readings 145.958	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 136.652	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	6.909	48652	.181	3.476		4.468	45.5507	.188	3.470	
	6.728		.183			4.280		.191		
	5.545		.364			4.091		.379		
	17.182	5.7273		3.840		12.839	4.2797		3.849	
12	5.816		.140			3.768		.148		BM 121-11. Ave M and 60th St. E.
	6.676		.140			3.620		.148		
	6.536		.280			3.472		.296		See F.B. 2968-17
	17.028	5.6760		4.120	70°	10.860	3.6200		4.145	
										Summation of Run
										From B.M. 121-12
										To B.M. 121-11
										Total Backsights = + 60.0559
										Total Foresights = - 53.4504
										Diff. Elev. = + 6.6055
										Backsight stadia = 4.120
										Foresight Stadia = 4.145
										Total Stadia = 8.265 = .52 mi.
	180.168	60.0559				160.351	53.4504			
	60.0560					53.4503				

F.B. 2968 P.G. 116

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 2:20 - 2:40 Rod No. 19-20

L.A. Co. Precise Level Ref
Name
Job No. 0301.02
From BM 121-12 To BM 121-13
Date 10-30-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.435		233		19	6.040		199		BM 121-12
	4.202		229			5.841		199		60th St. E. 0.5 mile N.
1	3.973		462			5.642		398		of Ave M.
	12.610	4.2033		.462	68°	17.523	5.8410		.398	See F.B. 2868-18
	4.840		256			6.369		276		
	4.584		256			6.093		273		T Workman
2	4.328		512			5.820		549		
	13.752	4.5840		.974		18.282	6.0940		.947	
	3.970		270			6.699		257		
	3.700		268			6.442		253		
3	3.432		538			6.189		510		
	11.102	3.7007		1.512		19.330	6.4433		1.457	
	4.626		250			6.338		274		
	4.376		248			6.064		272		
4	4.129		498			5.792		546		
	13.130	4.3767		2.010		18.194	6.0647		2.003	
	4.727		270			6.308		276		
	4.457		269			6.032		272		
5	4.188		539			5.760		548		
	13.372	4.4573		2.549		18.100	6.0333		2.551	
	63.966	21.3220				91.429	30.4763			
	21.3220					30.4763				

F.B. 2868 P.G. 11

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. KaPP Time 2:20 - 2:40 Rod No. 19 - 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-12 To BM 121-13
Date 10-30-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	63.966					91.429				
	4.890	21.3220	264	2.549		6.286	30.4963	267	2.551	
	4.626		266			6.019		269		
6	4.360		530			5.750		536		
	13.876	4.6253		3.079		18.055	6.0183		3.087	
	4.428		254			5.660		247		
	4.174		255			5.413		245		
7	3.919		509			5.168		492		
	12.521	4.1737		3.588		16.241	5.4137		3.579	
	5.021		101			4.782		112		BM 121-13
	4.920		101			4.670		110		60th St. E. & Ave L
8	4.819		202			4.560		222		See F.B. 2868-19
	14.760	4.9200		3.790	70°	14.012	4.6707		3.801	

Summation of Run
From B.M. 121-12
To B.M. 121-13

Total Backsights = + 35.0410
Total Foresights = − 46.5790
Diff. Elev. = −11.5380

Backsight stadia = 3.790
Foresight Stadia = 3.801
Total Stadia = 7.591
= .48 mile

F.B. 2868 PG. 118

125.123
35.0410

139.737
46.5790

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:05 - 10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-B To BM 121-12
Date 1 Nov. 1963
Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.004		.108			4.234		.105		BM 121-13
	3.896		.109			4.129		.106		60th St. E. and Ave L.
1	3.789		.217			4.023		.211		see F.B. 2868-19
	11.687	3.8957		.217	60°	12.386	4.1287		.211	
	5.558		.247			4.289		.263		T Workman
	5.311		.245			4.026		.259		
2	5.066		.492			3.767		.522		
	15.935	5.3117		.709		12.082	4.0273		.733	
	5.673		.265			4.390		.266		
	5.408		.266			4.124		.262		
3	5.142		.531			3.862		.528		
	16.223	5.4077		1.240		12.376	4.1253		1.261	
	5.792		.274			4.161		.271		
	5.518		.275			3.890		.270		
4	5.247		.549			3.620		.541		
	16.557	5.5177		1.789		11.671	3.8903		1.802	
	5.956		.275			4.131		.252		
	5.681		.275			3.879		.249		
5	5.406		.550			3.630		.501		
	17.043	5.6810		2.339		11.640	3.8800		2.303	
	77.441	25.8138				60.155	20.0516			
	25.8137					20.0577				

F.B. 2868 P.G. 11

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15046
Notes by E. E. Brooks Time 10:05 - 10:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 02 01.02
From BM121-13 To BM121-12
Date 1 Nov 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings (m.441)	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings (0.153)	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.929	25.8138	.251	2.339		3.260	20.0516	.270	2.303	
	5.678		.252			2.990		.271		
	5.426		.503			2.719		.541		
	17.033	5.6777		2.842		8.969	2.9897		2.844	
7	5.048		.265			3.406		.266		
	4.783		.265			3.140		.265		
	4.518		.530			2.875		.531		
	14.349	4.7830		3.372		9.421	3.1403		3.375	
8	5.743		.200			4.330		.230		BM121-12
	5.543		.199			4.100		.230		60th St. E. 0.5 mile N.
	5.344		.399			3.870		.460		of Ave M
	16.630	5.5433		3.771	70°	12.300	4.1000		3.835	see F.B. 2868-18
										Total Backsights = + 41.8178
						Summation of Run From B.M. 121-13 To B.M. 121-12				Total Foresights = − 30.2816
										Diff. Elev. = + 11.5362
										Backsight stadia = 3.971
										Foresight Stadia = 3.835
										Total Stadia = 7.806
										= .48 mile
	125.453 41.8177	41.8178				90.845 30.2817	30.2816			

F.B. 2868 P.G. 120

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:35 - 2:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-13 To BM 121-14
Date 1 Nov 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.178		.150			5.731		.157		BM 121-13
	3.028		.148			5.580		.150		60th St. E. and Ave L.
1	2.880		.298			5.430		.301		See F.B. 2868-12
	9.086	3.0287		.298	80°	16.741	5.5803		.301	
	6.496		.189			4.760		.196		
	6.287		.186			4.570		.189		T Workman
2	6.101		.375			4.381		.379		
	18.864	5.2880		.673		13.711	4.5703		.680	
	4.663		.149			4.910		.156		
	4.514		.147			4.754		.156		
3	4.367		.296			4.599		.311		
	13.544	4.5147		.969		14.263	4.7543		.991	
	6.378		.148			5.628		.160		
	6.230		.147			5.468		.160		
4	6.083		.295			5.308		.320		
	15.691	5.2303		1.264		16.404	5.4680		1.311	
	6.642		.152			5.329		.149		
	5.490		.151			5.180		.150		
5	5.339		.303			5.030		.299		
	16.471	5.4903		1.567		15.539	5.1798		1.610	
	70.656	23.5520				76.658	25.5527			
	23.5520					25.5527				

F.B. 2868 P.G. 12

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 1:35 - 2:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 21.13 To BM 21-14
Date 1 Nov 1963
Indexed R. J. CALIS

Number of Station	BACKSIGHT Thread Readings 70.656	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 76.658	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	1.645	23.5520	.077	1.567		6.775	15.5526	.060	1.610	
	1.568		.078			6.715		.060		
	1.490		.155			6.655		.720		
	4.703	1.5677		1.722		20.145	6.7150		1.730	
7	6.050		.130			4.110		.154		
	4.920		.130			3.956		.156		
	4.790		.260			3.800		.310		
	14.760	4.9200		1.982		11.866	3.9553		2.040	
8	9.089		.155			4.320		.148		
	8.934		.156			4.172		.149		
	8.778		.311			4.023		.297		
	26.801	8.9337		2.293		12.515	4.1717		2.337	
9	3.870		.150			6.563		.151		
	3.720		.152			6.412		.150		
	3.568		.302			6.262		.301		
	11.158	3.7193		2.595		16.237	5.4123		2.638	
10	6.601		.172			6.115		.150		
	6.429		.169			6.965		.150		
	6.260		.341			6.815		.300		
	19.290	6.4300		2.936		17.895	5.9650		2.938	
	147.368	49.1227				155.316	51.7719			
	49.1227					51.7720				

F.B. 2448 PG. 122

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 1:35 - 2:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-13 To BM 121-14
Date 1 Nov. 1963
Indexed E. J. Gallo

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	147.368					155.316			
	5.830	48.1227	.152	2.936		2.850	51.7719	.156	2.938
	5.678		.156			2.694		.154	
11	5.522		.308			2.540		.310	
	17.030	5.6767		3.244		8.084	2.6947		3.248
	3.818		.169			4.205		.165	
	3.649		.168			4.040		.163	
12	3.481		.337			3.877		.328	
	10.948	3.6493		3.581		12.122	4.0407		3.576
	7.480		.180			7.900		.170	
	7.300		.181			7.730		.171	
13	7.119		.361			9.559		.341	
	21.899	7.2993		3.942		23.189	7.7297		3.917
	4.281		.092			3.866		.105	
	4.189		.090			3.761		.101	
14	4.099		.182			3.660		.206	
	12.569	4.1897		4.124	70°	11.287	3.7623		4.123
	209.814	69.9378				209.998	69.9993		
	69.9380					69.9993			

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 121-13
To B.M. 121-14

Total Backsights = + 69.9378
Total Foresights = − 69.9993
Diff. Elev. = −0.0615

Backsight stadia = 4.124
Foresight Stadia = 4.123
Total Stadia = 8.247 = .52 mile

BM 121-14
Ave L 0.5 mile E.
& 60 Th St. E.
See F.B. 2868-20

F.B. 2868 P.G. 123

NM

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. Kapp Time 1:30 - 2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 4301.02
From BM 121-14 To BM 121-13
Date 11-4-63
Indexed C. J. GALL

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.769		115		19	4.085		100		BM 121-14
	3654		115			3.985		100		Ave. 0.5 mile E of
1	3.539		230			3.885		200		LOS St. E.
	10.962	3.6540		.230	68°	11.955	3.9850		.200	See F.B. 2868-20
	6.818		160			7.247		187		
	6.658		160			7.060		185		T Cook
2	6.498		320			6.875		372		
	19.974	6.6580		.550		21.182	7.0607		.572	
	4.007		160			3.004		162		
	3.847		164			2.842		161		
3	3.683		324			2.681		323		
	11.537	3.8457		.874		8.527	2.8423		.895	
	2.573		161			5.864		155		
	2.412		160			5.709		151		
4	2.252		321			5.558		306		
	7.237	2.4123		1.195		17.131	5.7103		1.201	
	5.670		157			5.887		165		
	5.513		155			5.722		162		
5	5.358		312			5.560		327		
	16.541	5.5137		1.507		17.169	5.7230		1.528	
	66.251	22.0837				76.964	25.3213			
	22.0837					25.3213				

F.B. 2868 P.G. 124

76P526-CE 879—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. Kapp Time 1:30 – 2:05 Rod No. 19-20

L.A. Co. Precise Level Ref
Name
Job No. 0501.02
From BM121-14 To BM121-13
Date 11-4-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 20.251	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 25.964	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.639	22.0837	159	1.507		4.215	25.3213	140	1.528	
	5.480		158			4.075		140		
	5.322		317			3.935		280		
	16.441	5.4803		1824		12.225	4.0750		1808	
7	3.809		149			8.269		155		
	3.660		151			8.114		154		
	3.509		300			7.960		309		
	10.978	3.6593		2.124		24.343	8.1143		2.117	
8	3.910		154			4.111		161		
	3.756		154			3.950		160		
	3.602		308			3.790		321		
	11.268	3.7560		2.432		11.851	3.9503		2.438	
9	6.519		074			1.958		075		
	6.475		074			1.883		075		
	6.431		088			1.808		150		
	19.425	6.4750		2.520		5.649	1.8830		2.588	
10	4.623		167			5.180		130		
	4.456		169			5.050		130		
	4.287		336			4.920		260		
	13.366	4.4553		2.856		15.150	5.0500		2.848	
	138.729	46.9096				145.182	48.3939			
	45.9097					48.3940				

F.B. 1816 P.G. 125

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party B. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. Karp Time 1:30-2:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-14 To BM 121-17
Date 11-4-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	130.729					145.187			
11	4.670	46.9096	155	2.856		4.216	48.3939	146	2.848
	4.515		156			4.070		145	
	4.359		311			3.925		291	
	13.544	4.5147		3.167		12.211	4.0703		3.139
12	4.673		153			4.549		149	
	4.520		157			4.400		151	
	4.363		310			4.249		300	
	13.556	4.5187		3.477		13.198	4.3993		3.439
13	4.844		172			5.610		200	
	4.672		170			5.410		200	
	4.502		342			5.210		400	
	14.018	4.6727		3.819		16.230	5.4100		3.839
14	5.634		159			2.899		146	
	5.475		157			2.753		146	
	5318		316			2.607		292	
	16.427	5.4757		4.135	66°	8.259	2.7530		4.131
	195.274	65.0914				145.090	65.0265		
	65.0913					65.0267			

F.B. 2800 P.G. 12

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 121-14
To B.M. 121-13

Total Backsights = + 65.0914
Total Foresights = − 65.0265
Diff. Elev. = + 0.0649

Backsight stadia = 4.135
Foresight Stadia = 4.131
Total Stadia = 8.266
= .52 mile

BM 121-13
60th St. E. and Ave L.
See F.B. 2868-19

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear-Wind Inst. No. 15066
Notes by K. M. Kapp Time 10:10 - 10:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 034.02
From BM 121-14 To BM 121-15
Date 11-4-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.297		170		19	5.965		175		BM 121-14
	4.127		167			5.790		172		Ave L 0.5 mile E. of
1	3.960		337			5.618		347		60th St. E.
	12384	4.1280		337	68°	17373	5.7910		347	See F.B. 2868-20
	6.707		185			5.271		185		
	6.522		187			5.086		187		T Cook
2	6.335		372			4.899		372		
	19564	6.5213		709		15256	5.0853		719	
	7.177		167			7.659		167		
	7.010		167			7.492		163		
3	6.843		339			7.329		330		
	21.030	7.0100		1043		22.480	7.4933		1049	
	5.867		170			4.890		172		
	5697		170			4.718		173		
4	5.527		340			4.545		345		
	17.091	5.6970		1383		14153	4.7177		1394	
	5.610		170			5.706		176		
	5.440		170			5.530		179		
5	5.270		340			5.351		355		
	16320	5.4400		1723		16587	5.5290		1749	
	86.389	28.7963				85.849	28.6163			

F.B. 2868 P.G. 12

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 10:10 - 10:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-14 To BM 121-15
Date 11-4-63
Indexed W. J. GALLI

F.B. 2816 PG. 128

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	86.389	28.7963				85.849	28.6163			
6	5.292		173	1.723		4.990		180	1.749	
	5.119		177			4.810		179		
	4.942		350			4.631		359		
	15.353	5.1177		2.073		14.431	4.8103		2.108	
7	4.925		210			5.145		190		
	4.715		210			4.955		190		
	4.505		420			4.765		380		
	14.145	4.7150		2.493		14.865	4.9550		2.488	
8	5.236		202			5.221		199		
	5.034		201			5.022		200		
	4.833		403			4.822		399		
	15.103	5.0343		2.896		15.065	5.0217		2.887	
9	5.922		204			5.141		203		
	5.718		206			4.938		202		
	5.512		410			4.736		405		
	17.152	5.7173		3.306		14.815	4.9383		3.292	
10	5.484		206			5.243		200		
	5.278		204			5.043		198		
	5.074		410			4.845		398		
	15.836	5.2787		3.716		15.131	5.0437		3.690	
	163.978	54.6593				160.154	53.3853			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 10:10 - 10:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-14 To BM 121-15
Date 11-4-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	163.978	54.6593				160.156	53.3853			
	5.243		205	3.716		3.063		197	3.690	BM 121-15
	5.038		206			2.866		194		Ave. L & 70 TH St. E.
11	4.832		411			2.672		391		
	15.113	5.0377		4.127	68°	8.601	2.8670		4.081	See F.B. 2868-21
										Summation of Run From B.M. 121-14 To B.M. 121-15
										Total Backsights = + 59.6970 Total Foresights = − 56.2523 Diff. Elev. = + 3.4447
										Backsight stadia = 4.127 Foresight Stadia = 4.081 Total Stadia = 8.208 = .52 Mi.
	179.091	59.6970				168.757	56.2523			

F.B. 2868 P.G. 12

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Wind. Inst. No. 15066
Notes by F. E. Brooks Time 12:55 - 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-15 To BM 121-14
Date 7 Nov. 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.982		.198			5.560		.200		BM 121-15
	2.784		.196			5.360		.200		Ave. L & 70th St. E.
1	1.588		.394			5.160		.400		
	9.354	2.7847		.394	68°	16.080	5.3600		.400	See F.B. 2868-21
	5.592		.200			5.502		.200		
	5.392		.200			5.302		.203		T Cook
2	5.192		.400			5.099		.403		
	16.176	5.3920		.794		15.903	5.3010		.803	
	5.699		.196			5.832		.206		
	4.893		.194			5.626		.204		
3	4.689		.410			5.422		.410		
	14.681	4.8937		1.204		16.880	5.6267		1.213	
	5.266		.198			5.285		.200		
	5.068		.197			5.085		.200		
4	4.871		.395			4.885		.400		
	15.205	5.0683		1.599		15.255	5.0850		1.613	
	5.746		.200			5.557		.199		
	5.548		.199			5.358		.201		
5	5.349		.399			5.157		.400		
	16.645	5.5483		1.998		16.072	5.3573		2.013	
	71.061					80.190				
	23.6870	23.6870				26.7300	26.7300			

F.B. 2868 P.G. 130

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by E. E. Brooks Time 12:55 - 1:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-15 To BM 121-14
Date 4 Nov. 1953
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.061					20.190				
	4.951	23.6870	.180	1.998		5.307	26.7300	.172	2.013	
	4.771		.181			5.131		.174		
6	4.590		.361			4.957		.350		
	14.312	4.7707		2.359		15.395	5.1317		2.376	
	5.548		.178			5.451		.171		
	5.370		.177			5.280		.172		
7	5.193		.355			5.108		.343		
	16.111	5.3703		2.714		15.839	5.2797		2.706	
	5.092		.175			5.985		.170		
	4.917		.176			5.815		.171		
8	4.741		.351			5.644		.341		
	14.750	4.9167		3.065		17.444	5.8147		3.047	
	7.486		.165			7.028		.170		
	7.321		.167			6.858		.170		
9	7.159		.327			6.688		.340		
	21.966	7.3220		3.392		20.574	6.8580		3.387	
	5.349		.182			6.922		.188		
	5.167		.184			6.734		.187		
10	4.983		.366			6.547		.375		
	15.499	5.1663		3.756		20.203	6.7343		3.762	
	163.699					169.645				
	51.2330	51.1330				56.5483	56.5484			

F.B. 1568 P.G. 13

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 12:55 - 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0.3.01.02
From BM 121-15 To BM 121-14
Date 4 Nov. 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings (153.199)	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings (169.685)	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.607	5.2370	.171	3.758		3.742	56.5484	.170	3.762	BM 121-14
	5.431		.172			3.572		.170		Ave. L, 0.5 Mi. E. of
11	5.259		.348			3.402		.340		160th St. E.
	15.297	5.4323		4.106	68°	10.716	3.5720		4.102	See F.B. 2868 - 20

Summation of Run
From B.M. 121-15
To B.M. 121-14

Total Backsights = + 56.6653
Total Foresights = − 60.1204
Diff. Elev. = − 3.4551

Backsight stadia = 4.106
Foresight Stadia = 4.102
Total Stadia = 8.208
= .52 mile

F.B. 2868 P.G. 32

169.996 / 56.6653 | 56.6653
180.361 / 60.1203 | 60.1204

76P526-CE 379—10-57

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Chief of Party E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 10:40 - 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-15 To BM 121-16
Date 4 Nov 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.436		.196			4.992		.203		BM 121-15
	3.240		.197			4.789		.204		Ave Land 70th St. E.
1	3.043		.393			4.585		.407		see FB. 2066-21
	9.719	3.2397		.393	68°	14.366	4.7887		.407	
	7.045		.175			4.924		.172		T Cook
	6.870		.175			4.752		.172		
2	6.695		.350			4.580		.344		
	20.610	6.8700		.743		14.256	4.7520		.751	
	3.689		.159			5.958		.170		
	3.730		.160			5.788		.165		
3	3.570		.319			6.20		.336		
	11.189	3.7297		1.062		17.366	5.7887		1.089	
	4.744		.175			4.348		.181		
	4.569		.175			4.167		.179		
4	4.394		.350			3.988		.360		
	13.707	4.5690		1.412		12.503	4.1677		1.449	
	7.224		.174			5.601		.166		
	7.050		.172			5.435		.168		
5	6.878		.346			5.267		.334		
	21.152	7.0507		1.758		16.303	5.4343		1.783	
	76.377	25.469				74.794	24.9314			
	25.4590					24.9313				

F.B. 2066 P.G. 13

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 10:40 - 11:10 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-15 To BM 121-16
Date 4 Nov 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 76.377	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 74.994	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	3.522	25.4591	.172	1.758		5.142	24.9314	.174	1.783	
	3.350		.171			4.968		.177		
	3.179		.343			4.791		.351		
	10.051	3.3503		2.101		14.901	4.9670		2.134	
7	4.826		.169			4.713		.166		
	4.657		.170			4.547		.168		
	4.487		.339			4.379		.334		
	13.970	4.6567		2.448		13.639	4.5463		2.468	
8	5.266		.168			5.089		.169		
	5.098		.171			4.920		.171		
	4.927		.339			4.749		.340		
	15.291	5.0970		2.779		14.758	4.9193		2.808	
9	5.261		.162			5.018		.168		
	5.099		.160			4.850		.166		
	4.939		.322			4.684		.334		
	15.299	5.0997		3.101		14.552	4.8507		3.142	
10	6.223		.190			4.301		.168		
	6.033		.187			4.133		.165		
	5.846		.377			3.968		.333		
	18.102	6.0340		3.478		12.402	4.1340		3.475	
	149.090	49.6968				145.046	48.3487			
	49.6967					48.3487				

F.B. 2260 PG. 134

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear, Windy Inst. No. 15066
Notes by E. E. Brooks Time 10:40 - 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-15 To BM 121-16
Date 4 Nov. 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	149.090					145.046				
	5.266	49.6968	.170	3.478		2.796	48.3487	.175	3.475	BM 121-16
	5.096		.169			2.623		.175		Ave L 0.5 mile E. of
11	4.927		.739			2.448		.350		70th St. E.
	152.89	5.0963		3.817	66°	147.069	2.4230		3.825	See F.B. 2868-22

Summation of Run
From B.M. 121-15
To B.M. 121-16

Total Backsights = + 54.7931
Total Foresights = − 50.9717
Diff. Elev. = +3.8214

Backsight stadia = 3.817
Foresight Stadia = 3.825
Total Stadia = 7.642
= .48 mile

F.B. 2868 P.G. 133

164.379
54.7930 | 54.7931

152.915
50.9717 | 50.9717

76P526-CE 379—10-57

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Chief of Party R. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. Kapp Time 11:20 - 11:55 Rod No. 19-20

Name C.A. Co. Precise Level Net
Job No. 03.01.02
From BM 121-16 To BM 121-15
Date 11-4-63
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.728		175		19	5.290		170		BM 121-16
	2.553		171			5.120		168		Ave. L, 0.5 Mi. E. Rt
1	2.382		346			4.952		338		70th St. E.
	7.663	2.5543		.346	66°	15.362	5.1207		.338	See F.B. 2868-22
	4.197		175			6.072		182		
	4.022		174			5.890		182		T Cook
2	3.848		349			5.708		364		
	12.067	4.0223		.695		17.670	5.8900		.702	
	4.786		166			5.126		165		
	4.620		170			4.961		163		
3	4.450		336			4.798		328		
	13.856	4.6187		1.031		14.885	4.9617		1.030	
	5.322		171			5.212		170		
	5.151		169			5.042		172		
4	4.982		340			4.870		342		
	15.455	5.1517		1.371		15.124	5.0413		1.372	
	5.177		166			5.618		175		
	5.011		163			5.443		173		
5	4.848		329			5.270		348		
	15.036	5.0120		1.700		16.331	5.4437		1.720	
	64.077	21.3590				79.372	26.4574			

F.B. 2868 P.G. 13L

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 11:20-11:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-16 To BM 121-15
Date 11-4-63
Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	64.077	21.3590				79.372	26.4574			
6	5.276		176	1.700		3.459		171	1.720	
	5.100		177			3.288		170		
	4.923		353			3.118		341		
	15.299	5.0997		2.053		9.865	3.2883		2.061	
7	5.493		165			7.483		176		
	5.328		165			7.307		179		
	5.163		330			7.128		355		
	15.984	5.3280		2.383		21.918	7.3060		2.416	
8	4.682		189			4.807		166		
	4.493		185			4.641		169		
	4.308		374			4.472		335		
	13.483	4.4943		2.757		13.920	4.6400		2.751	
9	5.937		169			3.843		160		
	5.768		168			3.683		159		
	5.600		337			3.524		319		
	17.305	5.7683		3.094		11.050	3.6833		3.070	
10	4.958		172			7.190		181		
	4.786		170			7.009		178		
	4.616		342			6.831		359		
	14.360	4.7867		3.436		21.030	7.0100		3.429	
	140.508	46.8360				157.155	52.3850			

F.B. 2868 P.G. 137

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Wind Inst. No. 15066
Notes by K. M. Kapp Time 11:20 - 11:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-16 To BM 121-15
Date 11-4-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	140.508	46.8360				157.155	52.3850			BM 121-15
	5.042		200	3.436		3.308		198	3.429	Ave. C & 70th St. E.
	4.842		202			3.110		195		
11	4.640		402			2.915		393		
	14.524	4.8413		3.838	68°	9.333	3.1110		3.822	See F.B. 2868-21
										Summation of Run
										From B.M. 121-16
										To B.M. 121-15
										Total Backsights = + 51.6773
										Total Foresights = − 55.4960
										Diff. Elev. = − 3.8187
										Backsight stadia = 3.838
										Foresight Stadia = 3.822
										Total Stadia = 7.660
										= .48 Mi.
F.B. 2868 P.G. 138										
	155.032					166.488				
		51.6773					55.4960			

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by K. M. Kapp Time 11:20 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-16 To BM 121-19
Date 11-5-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.549		156		19	4.608		156		BM 121-16
	3.393		158			4.452		157		Ave L 0.5 mile E. of
1	3.235		314			4.295		313		70th St. E.
	10.177	3.3923		.314	70°	13.355	4.4517		.313	See F.B. 2868-22
	5.281		168			5.063		165		
	5.113		164			4.898		161		T Bustrum
2	4.949		332			4.737		326		
	15.343	5.1143		.646		14.698	4.8993		.639	
	5.492		167			3.783		170		
	5.325		167			3.613		168		
3	5.158		334			3.445		338		
	15.975	5.3250		.980		10.841	3.6137		.977	
	4.605		167			4.855		167		
	4.438		169			4.688		166		
4	4.269		336			4.522		333		
	13.312	4.4373		1.316		14.065	4.6883		1.310	
	5.360		162			4.325		172		
	5.198		163			4.153		168		
5	5.035		325			3.985		340		
	15.593	5.1977		1.641		12.463	4.1543		1.650	
	10.400 / 23.4667	23.4666				65.422 / 21.8073	21.8073			

PB 2868 P.G. 132

PLEASE RETURN TO
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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 LINE

Chief of Party E. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. Kapp Time 11:20 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-16 To BM 121-17
Date 11-5-63
Indexed E. J. GALLI

F.B. 2868 PG. 140

Number of Station	BACKSIGHT Thread Readings 70.400	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 65.422	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.283	23.4666	182	1.641		5.933	21.8073	176	1.650	
	6.101		178			5.757		178		
6	5.923		360			5.579		354		
	18.307	6.1023		2.001		17.269	5.7563		2.004	
	4.573		180			3.481		169		
	4.393		180			3.312		167		
7	4.213		360			3.145		336		
	13.179	4.3930		2.361		9.938	3.3127		2.340	
	7.401		178			5.120		173		
	7.223		180			4.947		174		
8	7.043		358			4.773		347		
	21.667	7.2223		2.719		14.840	4.9467		2.687	
	6.353		178			4.503		184		
	6.175		176			4.319		188		
9	5.999		354			4.131		372		
	18.527	6.1757		3.073		12.953	4.3177		3.059	
	6.065		178			6.502		177		
	5.887		180			6.325		176		
10	5.707		358			6.149		353		
	17.659	5.8863		3.431		18.976	6.3253		3.412	
	159.739	53.2463				139.398	46.4660			
	53.2463					46.4660				

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Wind Inst. No. 15066
Notes by K. M. Kapp Time 11:20 - 12:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-16 To BM 121-17
Date 11-5-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	159.739					139.398				
	3.155	53.2463	174	3.431		5.352	46.4460	179	3.412	
	2.981		176			5.173		176		
11	2.805		350			4.997		355		
	8.941	2.9803		3.781		15.522	5.1740		3.767	
	6.605		170			3.941		179		Summation of Run
	6.435		170			3.762		179		From B.M. 121-16
2	6.265		340			3.583		358		To B.M. 121-17
	19.305	6.4350		4.121		11.286	3.7620		4.125	
	5.617		080			2.553		074		BM 121-17
	5.537		084			2.459		097		Ave. L & 80th St. E.
13	5.453		164			2.362		191		
	16.607	5.5357		4.285	70°	7.374	2.4580		4.316	See F.B. 2868-23

Total Backsights = + 68.1972
Total Foresights = − 57.8600
Diff. Elev. = + 10.3372

F.B. 2868 P.G. 44

Backsight stadia = 4.285
Foresight Stadia = 4.316
Total Stadia = 8.601
= .54 Mi.

204.592
68.1973
68.1972

193.580
57.8600
57.8600

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party E. E. Brooks Weather Overcast-Windy Inst. No. 15066
Notes by E. E. Brooks Time 1:05 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-17 To BM 121-16
Date 6 Nov 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.746		.095			5.792		.092		BM 121-17
	2.651		.097			5.710		.080		Ave. L & 80th St. E.
1	2.558		.188			5.630		.162		
	7.955	2.6517		.186	54°	17.132	5.7107		.162	See F.B. 2868-23
	4.660		.176			7.519		.170		
	4.484		.175			7.349		.170		T Cook
2	4.309		.351			7.179		.340		
	13.453	4.4843		.539		22.047	7.3490		.502	
	5.732		.180			3.421		.173		
	5.553		.180			3.268		.175		
3	5.373		.360			3.093		.348		
	16.659	5.5530		.899		9.802	3.2673		.850	
	6.942		.165			6.593		.188		
	6.777		.167			6.405		.189		
4	6.610		.332			6.216		.377		
	20.329	6.7763		.1231		19.214	6.4047		.1227	
	4.939		.185			6.421		.180		
	4.754		.183			6.581		.180		
5	4.571		.368			6.401		.360		
	14.264	4.7547		.1599		19.743	6.5810		.1587	
	72.660	24.2200				67.938	29.3127			
	24.2200					29.3127				

F.B. 2868 P.G. 44

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast - Windy Inst. No. 15066
Notes by E. E. Brooks Time 1:05 - 1:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-17 To BM 121-16
Date 6 Nov. 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 72.620	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 89.938	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.360	24.2200	.173	1.599		7.758	29.3127	.179	1.587	
8	6.187		.176			7.579		.177		
6	5.011		.349			7.402		.356		
	15.558	5.1860		1.948		22.739	7.5797		1.943	
	3.862		.172			4.732		.174		
7	3.690		.170			4.558		.178		
	3.520		.342			4.300		.352		
	11.072	3.6907		2.290		13.670	4.5569		2.295	
	6.203		.177			6.586		.180		
8	6.026		.178			6.406		.180		
	5.848		.355			6.226		.360		
	18.077	6.0257		2.645		19.218	6.4060		2.655	
	4.547		.169			5.582		.162		
9	4.378		.170			5.420		.161		
	4.208		.339			5.259		.323		
	13.133	4.3777		2.984		16.261	5.4203		2.978	
	5.012		.163			4.911		.172		
10	4.849		.164			4.739		.176		
	4.685		.327			4.563		.348		
	14.546	4.8487		3.311		14.213	4.7377		3.326	
	145.046					174.039				
	48.3487	48.3486				58.0130	58.0131			

F.B. 22668 P.G. 143

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party E. E. Brooks Weather Overcast - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:05 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-17 To BM 121-16
Date 6 Nov 1943
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 145.046	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 174.039	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.650	48.3488	.172	3.311		6.199	58.0131	.169	3.326	
	4.478		.173			6.030		.169		
11	4.305		.345			5.861		.338		
	13.433	4.4773		3.656		18.090	6.0300		3.664	
	5.586		.162			5.820		.162		Summation of Run
	5.424		.163			5.658		.165		From B.M. 121-17
12	5.261		.325			5.493		.327		To B.M. 121-16
	16.271	5.4237		3.981		16.971	5.6570		3.991	
	5.012		.153			3.903		.150		BM 121-16
	4.859		.157			3.753		.150		Ave. L, 0.5 Mi. E. of
13	4.702		.310			3.603		.300		70th St. E.
	14.573	4.8577		4.291	.56°	11.259	3.7530		4.291	See F.B. 2868-22
										Total Backsights = + 63.1075
										Total Foresights = − 73.4531
										Diff. Elev. = − 10.3456
										Backsight stadia = 4.291
										Foresight Stadia = 4.291
										Total Stadia = 8.582
										= .54 mile
	189.323	63.1075				220.359	73.4531			
	63.1077					73.4530				

F.B. 2868 P.G. 144

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:00 – 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-17 To BM 121-18
Date 5 Nov. 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.263		.186			4.245		.172		BM 121-17
	2.077		.184			4.073		173		Ave L and 80th St.
1	1.893		.370			3.900		.345		E.
	6.233	2.0777		.370	68°	12.218	4.0727		345	See F.B. 2868-23
	3.587		.184			3.973		.180		
	3.403		.182			3.493		.180		T Bustrum
2	3.221		.366			3.613		.360		
	10.211	3.4037		.736		11.379	3.7930		.705	
	6.757		.176			3.545		.172		
	6.581		.178			3.373		.170		
3	6.403		.354			3.203		.342		
	19.741	6.5803		1.090		10.121	3.3737		1.047	
	5.367		.182			4.523		.172		
	5.185		.182			4.351		.169		
4	5.003		.364			4.182		.341		
	15.555	5.1850		1.454		13.056	4.3520		1.388	
	6.153		.148			4.348		.181		
	6.005		.148			4.167		.180		
5	4.857		.296			3.987		.361		
	15.015	5.0050		1.750		12.502	4.1673		1.749	
	66.755	22.2517				59.276	19.7587			

F.B. 2868 P.G. 145

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:00 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-17 To BM 121-18
Date 5 NOV 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	66.755	22.2517				59.276	19.7587			
6	4.225		.152	1.750		4.935		.158	1.749	
	4.073		.150			4.777		.156		
	3.923		.302			4.121		.314		
	12.221	4.0737		2.052		14.333	4.7777		2.063	
7	5.723		.168			4.869		.166		
	5.555		.168			4.703		.170		
	5.387		.336			4.533		.336		
	16.665	5.5550		1.388		14.105	4.7017		2.399	
8	4.921		.158			5.030		.163		
	4.763		.156			4.867		.165		
	4.607		.314			4.702		.328		
	14.291	4.7637		2.702		14.599	4.8663		2.727	
9	5.141		.158			4.535		.172		
	4.983		.158			4.363		.176		
	4.825		.316			4.187		.348		
	14.949	4.9830		3.018		13.085	4.3617		3.075	
10	4.849		.164			4.393		.148		
	4.685		.165			4.245		.147		
	4.520		.329			4.098		.295		
	14.054	4.6847		3.347		12.736	4.2453		3.370	
	138.935	46.3118				128.134	42.7114			

F.B. 2966 PG. 146

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Windy Inst. No. 15066
Notes by E. E. Brooks Time 1:00 - 1:35 Rod No. 14-40

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-17 To BM 121-18
Date 5 Nov. 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 138.935	BACKSIGHT Mean 46.3118	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 128.134	FORESIGHT Mean 42.7114	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.662		.177	3.347		4.481		.156	3.370	
	4.485		.173			4.323		.156		
11	4.312		.350			4.167		.314		
	13.459	4.4863		3.697		12.971	4.3237		3.684	
	3.983		.136			2.013		.146		BM 121-18
	3.847		.138			1.865		.148		Ave. L. 0.5 mile E of
12	3.709		.274			1.717		.296		8074 St. E.
	11.539	3.8463		3.971	66°	5.595	1.8650		3.980	See F.B. 2968-24
										Summation of Run
										From B.M. 121-17
										To B.M. 121-18
										Total Backsights = 54.6444
										Total Foresights = 48.9001
										Diff. Elev. = +5.7443
										F.B. 2968 P.G. 24
										Backsight stadia = 3.971
										Foresight Stadia = 3.980
	163.933					146.700				Total Stadia = 7.951
		54.6444					48.9001			= .50 Mi.

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by K. M. KaPP Time 11:30 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 8301.02
From BM 121-18 To BM 121-17
Date 11-6-63
Indexed E. J. GALLI

F.B. 2668 P.G. 148

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	2.321		145		19	4.428		140		BM 121-18
	2.176		147			4.288		140		Ave L 0.5 mile E of
	2.029		292			4.148		280		80th St. E.
	6.526	2.1753		.292	58°	12.864	4.2880		.280	See F.B. 2668-24
2	4.910		168			4.893		163		
	4.742		164			4.730		163		T. Cook
	4.578		332			4.567		326		
	14.230	4.7433		.624		14.190	4.7300		.606	
3	4.507		149			5.059		166		
	4.358		150			4.893		165		
	4.208		299			4.728		331		
	13.073	4.3577		.923		14.680	4.8933		.937	
4	4.960		170			5.230		156		
	4.790		170			5.074		156		
	4.620		340			4.918		312		
	14.370	4.7900		1.263		15.222	5.0740		1.249	
5	4.967		161			5.268		158		
	4.806		161			5.140		160		
	4.645		322			4.950		318		
	14.418	4.8060		1.585		15.358	5.1093		1.567	
	62.617	20.8723				72.284	24.0946			

76P526-CE 379—10-57

PLEASE RETURN TO
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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 LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. K5066
Notes by K. M. Kapp Time 11:30 – 12:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM1121-18 To BM1121-17
Date 11-6-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	62.617	20.8725				72.284	24.0946			
	5.225		173	1.585		6.097		167	1.567	
	5.052		171			5.930		163		
6	4.881		344			5.767		330		
	15.158	5.0527		1.925		17.794	5.9313		1.897	
	5.429		150			4.770		160		
7	5.279		150			4.610		160		
	5.129		300			4.450		320		
	15.837	5.2790		2.229		13.830	4.6100		2.217	
	4.594		165			5.650		160		
8	4.429		168			5.490		160		
	4.261		333			5.330		320		
	14.184	4.7280		2.562		16.470	5.4900		2.537	
	5.019		176			5.978		180		
9	4.843		173			5.798		180		
	4.670		349			5.618		360		
	14.532	4.8440		2.911		17.394	5.7980		3.897	
	4.158		176			6.959		176		
10	3.982		175			6.783		173		
	3.807		351			6.610		349		
	11.947	3.9823		3.262		20.352	6.7840		3.246	
	134.279	44.7583				158.124	52.7079			

F.B. 2016 P.G. 144

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party R. E. Brook Weather Overcast Inst. No. 5066
Notes by K. M. Kapp Time 11:30–12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-18 To BM 121-17
Date 11-6-63
Indexed E. J. GALN

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	134.275	44.7583				158.124	52.7079			
11	4.297		180	3.262		4.890		188	3.246	
	4.117		180			4.702		184		
	3.937		360			4.518		372		
	12.351	4.1170		3.622		14.110	4.7033		3.618	
12	6.804		173			4.021		181		BM 121-17
	6.631		172			3.840		178		Ave Land 60 Th St. E.
	6.459		345			3.662		359		See F.B. 2965-23
	19.894	6.6313	3.967		5.6°	11.523	3.8440	3.977		

Summation of Run
From B.M. 121-18
To B.M. 121-17

Total Backsights = + 55.5066
Total Foresights = − 61.2522
Diff. Elev. = − 5.7456

Backsight stadia = 3.967
Foresight Stadia = 3.977
Total Stadia = 7.944
= .50 Mi.

F.B. 2868 P.G. 155

166.520 183.757

55.5066 55.5066 61.2523 61.2522

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. KaPP Time 1:45 - 2:15 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-18 To BM 107-20
Date 11-5-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.541		149		19	5.029		156		BM 121-18
	2.392		145			4.873		152		Ave L. 0.5 mile E. of 80th St. E.
1	2.247		294			4.721		308		
	7.180	2.3933		.294	66°	14.623	4.8743		.308	See F.B. 2868-24
	4.823		148			5.035		150		
	4.675		145			4.885		148		T. Bustrum
2	4.530		293			4.737		298		
	14.028	4.6760		.587		14.657	4.8857		.606	
	5.413		171			4.125		162		
	5.242		175			3.963		162		
3	5.067		346			3.801		324		
	15.722	5.2407		.933		11.889	3.9630		.930	
	5.446		175			4.215		174		
	5.273		172			4.041		174		
4	5.101		347			3.867		348		
	15.822	5.2740		1.280		12.123	4.0410		1.278	
	6.295		182			3.952		179		
	6.113		180			3.773		178		
5	5.933		362			3.595		357		
	18.341	6.1137		1.642		11.320	3.7733		1.635	
	71.093	23.6977				64.612	21.5373			

F.B. 2868 P.G. 15

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. KaPP Time 1:45 – 2:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 121-18 To BM 107-20
Date 11-5-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	71.093	23.6977				64.612	21.5373			
	6.337		176	1.642		3.493		180	1.635	
	6.161		178			3.313		178		
6	5.983		354			3.135		358		
	18.481	6.1603		1.996		9.941	3.3137		1.993	
	7.645		188			4.675		186		
	7.457		190			4.489		184		
7	7.267		378			4.305		370		
	22.369	7.4563		2.374		13.469	4.4897		2.363	
	2.949		182			5.580		180		
	2.767		180			5.400		180		
8	2.587		362			5.220		360		
	8.303	2.7677		2.736		16.200	5.4000		2.723	
	5.468		178			3.615		180		
	5.290		175			3.435		180		
9	5.115		353			3.255		360		
	15.873	5.2910		3.089		10.305	3.4350		3.083	
	4.243		178			6.843		180		
	4.065		177			6.663		180		
10	3.888		355			6.483		360		
	12.196	4.0653		3.484		19.989	6.6630		3.443	
	148.315	49.4383				134.516	44.8387			

F.B. 2868 PG. 152

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party E. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by K. M. Kapp Time 1:45-2:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 121-18 To BM 107-20
Date 11-5-63
Indexed W. J. CALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	148.315	49.4383		3.424		134.516	44.8387		3.443	
	5.647		194			4.425		200		BM 107-20
	5.453		191			4.225		198		Ave. L & 90th St. E.
11	5.262		385			4.027		398		
	16.362	5.4540		3.889	66°	12.677	4.2257		3.841	See F.B. 2840-28
	164.677					147.193				
		54.8923					49.0644			

Summation of Run
From B.M. 121-18
To B.M. 107-20

Total Backsights = + 54.8923
Total Foresights = − 49.0644
Diff. Elev. = + 5.8279

Backsight stadia = 3.889
Foresight Stadia = 3.846
Total Stadia = 7.735
= .49 mile

F.B. 2848 P.G. 15

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Overcast-rain Inst. No. 15066
Notes by F. E. Brooks Time 10:20 – 11:20 Rod No. 19-20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 107-20 To BM 121-18
Date 6 Nov. 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.790		.183			5.986		.206		BM 107-20
	4.607		.186			5.780		.203		Ave L and 90th St. E.
	4.421		.369			5.577		.409		see F.B. 2840-22
	13.818	4.6060		.369	60°	17.343	5.7810		409	
2	7.322		.180			3.569		.171		T Cook
	7.142		.179			3.398		.174		
	6.963		.359			3.224		.345		
	21.427	7.1423		.728		10.191	3.3970		.754	
3	2.763		.177			5.877		.178		
	2.586		.177			5.699		.180		
	2.409		.354			5.519		.358		
	7.758	2.5860		1082		17.095	5.6983		1.112	
4	6.065		.179			3.520		.181		
	5.886		.179			3.339		.181		
	5.707		.358			3.158		.362		
	17.658	5.8860		1440		10.017	3.3390		1474	
5	5.267		.189			7.104		.185		Stop for rain 0:40 min.
	5.078		.190			7.919		.188		
	4.888		.379			7.731		.373		
	15.233	5.0777		1.819	60	23.754	7.9180		1.847	
	75.894	25.2980				78.400	26.1333			
	25.2980					26.1333				

F.B. 154 P.G. 2868

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by E. E. Brooks Time 10:20 – 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 107-20 To BM 121-18
Date 6 Nov. 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	15.894					78.400				
6	4.056	25.2980	.182	1.619		7.089	26.1333	.176	1.845	
	3.874		.180			6.911		.176		
	3.694		.362			6.735		.354		
	11.624	3.8747		2.181	50°	20.735	6.9117		2.201	
7	4.329		.179			6.580		.181		
	4.150		.179			6.399		.182		
	4.011		.358			6.217		.363		
	12.570	4.1900		2.539		19.196	6.3987		2.566	
8	4.694		.170			5.940		.172		
	4.524		.174			5.768		.174		
	4.351		.344			5.594		.346		
	13.569	4.5230		2.883		17.302	5.7673		2.910	
9	4.397		.165			5.650		.176		
	4.232		.164			5.490		.173		
	4.068		.329			5.307		.349		
	12.697	4.2323		3.212		16.447	5.4810		3.255	
10	5.101		.162			4.995		.134		
	5.019		.160			4.861		.131		
	4.859		.322			4.730		.265		
	15.059	5.0197		3.534		14.586	4.8620		3.528	
	141.413	47.1377				166.662	55.5540			
	47.1377									

F.B. 2918 P.G. 155

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 10:20 - 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Rd
Job No. 0301.02
From BM 107-20 To BM 121-18
Date 6 Nov. 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 141.413	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 166.662	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.434	47.1377	.160	3.534		2.843	55.5540	.150	3.52	BM 121-18
	5.274		.159			2.693		.151		Ave L 0.5 mile E.
	5.115		.319			2.542		.301		of 80th St. E.
	15.823	5.2743		3.853	58°	8.078	2.6927		3.82	See F.B. 2868
	157.236 52.4120	52.4120				174.740 58.2467	58.2467			

Summation of Run
From B.M. 107-20
To B.M. 121-18

Total Backsights = 52.4120
Total Foresights = − 58.2467
Diff. Elev. = − 5.8347

Backsight stadia = 3.853
Foresight Stadia = 3.82
Total Stadia = 7.67
= .48 mile

F.B. 2868 P.G. 156

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR COLLED 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 By 107-20 TO By 107-19
By 107-20									By 107-20
1	166	822	467 5	182 150 32	144	259	445 5	160 128 32	FOR DESC. SEE FB 2840-28
2	207	749	508 5	234 180 54	84	235	385 5	111 57 54	
3	196	696	497 5	223 169 54	104	691	405 5	131 77 54	
4	165	148	466 5	192 138 54	126	594	427 5	153 99 54	T- U.M.
5	153	213	454 5	180 126 54	127	581	428 5	154 100 54	
6	167	539	468 5	194 140 54	137	839	438 5	164 110 54	
7	172	581	473 5	199 145 54	128	640	429 5	155 101 54	
8	165	581	466 5	190 140 50	79	340	380 5	104 54 50	
TOTALS	1395	329		406	933	179		406	
	933	179						406	
DIFF ELEV	+ 462	150	CM =	15.1624'				812	METERS = 0.50 Mi
By 107-19									By 107-19
									FOR DESC SEE FB 2840-27

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

SURVEY BY LIND WEATHER Sunny INST. NO. 152

NOTES BY LIND DATE 11-11-63 TIME 1:20 TO 1:50 ROD NO. 85-9

INDEXED E. J. GALLI DATE NOTES CHKD [illegible] DATE 1/17/6[illegible]

F.B. 2868 P. 157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 By 107-19 TO By 107-20
By 107-19													By 107-19
1	82	730	383	5	107 57	50	168	980	469	5	194 142	52	FOR DESC. SEE F.B. 2840-2
2	124	276	425	5	151 97	54	167	483	468	5	194 140	54	
3	137	959	438	5	164 110	54	168	461	469	5	195 141	54	
4	132	590	433	5	159 105	54	159	902	460	5	186 132	54	π - 4.7
5	133	289	434	5	160 106	54	169	538	470	5	196 142	54	
6	109	448	410	5	136 82	54	202	490	503	5	229 175	54	
7	82	031	383	5	109 55	54	216	903	517	5	243 189	54	
8	156	192	457	5	172 140	32	167	173	468	5	183 151	32	
TOTALS	958	515				406	1420	930				408	
							958	515				406	
DIFF ELEV.						-	462	415	CM =			814	METERS = 0.50 mi
									15.1711'				
By 107-20													By 107-20
													FOR DESC. SEE F.B. 2840-2

F.B. 68 PG. 158

SURVEY OF L.A. Co. PRECISE LEVEL LIST

SURVEY BY LIND NOTES LIND

INDEXED B. J. GALL DATE

JOB NO. 0301.02

WEATHER OVERCAST

TIME 1:55 TO 2:15

NOTES CHKD [illegible]

INST. NO. 75

ROD NO. 95-96

DATE 1/17/6[illegible]

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

Survey of L.A.Co. PRECISE LEVEL NET F.B. 2868 PG. 159
J.N. 0301.02 Tape Std °F.
Surveyed by G.E. DREIER
Notes Date FEB. MAR 1972
Indexed C. J. GALLE MAR 1 4 '72

JOB NO. 0301.02

L.A. Co. PRECISE LEVEL NET

LINE NO. 121, FEB, MAR. 1972 RELEVELING

DESCRIPTION REFERENCES

F.B. 2868 - 5 TO 24

F.B. 3716 - 103 TO 140

DREIER
MALDONADO
SIEMANN
OHASHI
McKNIGHT

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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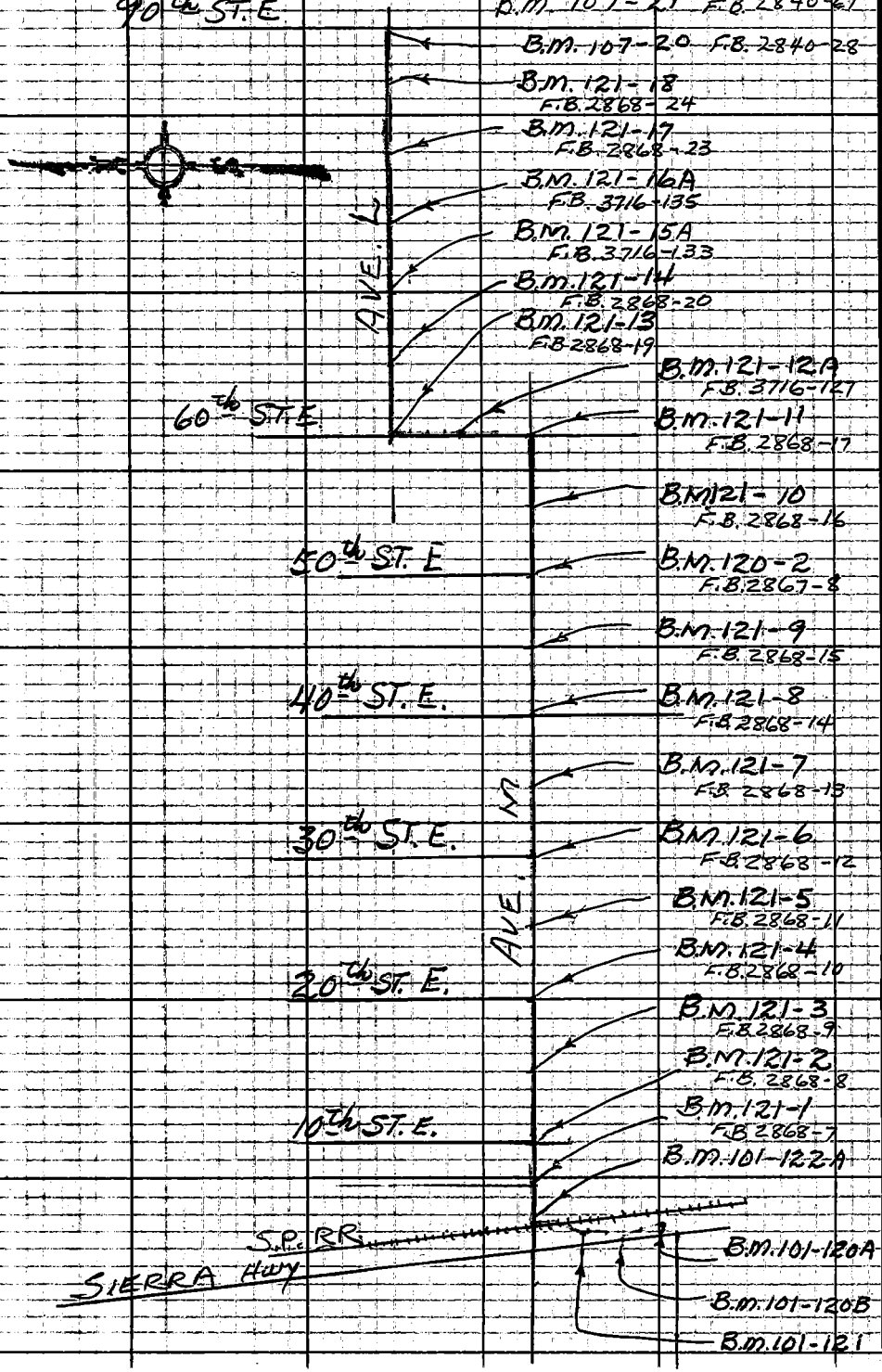
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S. CE#310 3-68

ROUTE SKETCH LINE NO. 121

1972 RELEVELING

F. B. 2868 PG. 160



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526B CE # 308 8/68

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403 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 T= 78°
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 96746
NOTES BY SIEMANN DATE 2-25-72 TIME 1:00 TO 1:10 ROD NO 1713 A
INDEXED C. J. GALLI DATE MAR 14 72 NOTES CHKD DATE
F.B. 2868 PG. 161

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	156	758	457 5	158 154 4	145	502	446 5	172 118 54	54 M- 4 M= 50 M=0.20 mm
2	152	148	453 5	154 150 4	163	418	464 5	190 136 54	54 M- 4 M= 50 M=0.20 mm
	308	906			308	920		108	
	308	880		8		040			
	+	026			-0.	mm		8	Curvature Corr.=0.40 mm
					308	880		100	
					-				
		+	003	mm= "C"					
	100	0	26						
							mm= "C"		

F.B. 2868 Pg. 162 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN

INDEXED DATE

WEATHER INST. NO 967

TIME ROD NO 273A

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T= 80°
SURVEY BY G. E. DREIER DATE 2-28-72 WEATHER SUNNY INST. NO 96714
NOTES BY SIEMANN TIME 10:55 TO 11:05 ROD NO 1713 & 1
INDEXED C. J. GALLI DATE MAR 14 72 NOTES CHKD DATE
F.B. 2868 PG. 163

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
			DETERMINATION OF "C"										
			NEAR ROD						FAR ROD				
1	135	430	436	5	137 133	4	109	312	410	5	135 82	54	54 M- 4 M= 50 M=0.20 mm
2	130	558	431	5	132 128	4	156	733	457	5	183 129	54	54 M- 4 M= 50 M=0.20 mm
	265	988					266	045				108	
						8		040				8	
	+						-0.	mm					Curvature Corr.=0.40 mm
							266	005				100	
							265	988					
							-	017					
					mm= "C"								
	1												
								- 002 mm = "C"					
							100	0 17					

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Do not extend notes this side of this line.

F.B. 2868 Pg. 164

JOB NO. 0304.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-28-72

INDEXED _____ DATE _____

WEATHER _____ INST. NO. 8271

TIME _____ ROD NO. 7134

NOTES CHKD _____ DATE _____

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 72
SURVEY BY G.E. DREIER WEATHER WINDY INST. NO. 96716
NOTES BY SIEMANN DATE 2-29-72 TIME 9:50 TO 10:00 ROD NO. 1713A
INDEXED C. J. GALLI DATE MAR 14 '72 NOTES CHKD DATE
F.B. 2868 PG. 165

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152	910	453 5	154 150 4	133	573	434 5	160 108 54	54 M- 4 M= 50 M=0.20 mm
2	147	310	448 5	149 145 4	166	852	467 5	193 139 54	54 M- 4 M= 50 M=0.20 mm
	300	220			300	425		108	
				8		040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					300	385		100	
					300	220			
					-	165			
				mm= "C"					
						- 016		mm= "C"	
					100	165			

F.B. 2868 Pg. 166

JOB NO. 030102

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-29-72

INDEXED _____ DATE _____

WEATHER _____ INST. NO 967

TIME _____ ROD NO 7/34

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 8/68

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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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 2-30-72 WEATHER Sunny & Calm
INDEXED C. J. GALLI DATE MAR 14 72 TIME 9:45 INST. NO. 9671
NOTES CHKD. DATE ROD NO. 1713A
T-62°
F.B. 2868 PG. 26

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
				160				166	
1	158	186	459 5	156 4	139	952	440 5	192 54	54 M- 4 M= 50 M=0.20 mm
				164				207	
2	162	690	463 5	160 4	180	995	481 5	153 54	54 M- 4 M= 50 M=0.20 mm
	320	876		8	320	947		108	
						040 mm		8	
	+				~~-0. mm~~				Curvature Corr.=0.40 mm
					320	907		100	
					320	876			
					-	031			
				mm= "C"					
	/								
					-	.003 mm= "C"			
					100	0.3	0		

F.B. 2868 Pg. 168 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-30-72

INDEXED DATE

WEATHER INST. NO. 967

TIME ROD NO. 7/3A

NOTES CHKD DATE

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-70°
SURVEY BY G. E. DREIER WEATHER SUNNY INST. NO. 9671
NOTES BY SIEMANN DATE 3-2-72 TIME 10:05 TO 10:10 ROD NO. 713A
INDEXED C. J. GALLI DATE MAR 14 72 NOTES CHKD. DATE
F.B. 2868 PG. 169

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	149	312	450 5	151 147 4	170	011	471 5	177 143 54	54 M- 4 M= 50 M=0.20 mm
2	151	560	452 5	153 149 4	130	929	431 5	157 103 54	54 M- 4 M= 50 M=0.20 mm
	300	872			300	940		108	
				8		040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					300	900		100	
					300	872			
					-	028			
				mm= "C"					
						- 003	mm= "C"		
					100	028			

76P526B CE # 308 8/68

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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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-3-72
INDEXED C. J. GALLI DATE MAR 14 '72
WEATHER Hazy & Windy
TIME 9:45
NOTES CHKD
INST. NO. 967
ROD NO. 1713A
DATE
T-64°
F.B. 2868 PG. 171

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	147	551	448 5	149 145 4	156	200	457 5	183 129 54	54 M- 4 M= 50 M=0.20 mm
2	146	172	447 5	148 144 4	137	649	438 5	164 110 54	54 M- 4 M=50 M=0.20 mm
	293	723			293	849		108	
				8		040 mm			
	+				-0. mm			8	Curvature Corr.=0.40 mm
						809		100	
						723			
					-	086			
				mm= "C"					
						- 009 mm= "C"			
					100	086			

F.B. 2868 Pg. 172 JOB NO. 0301.02

SURVEY OF L.A.CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-3-72

INDEXED DATE

WEATHER INST. NO 967

TIME ROD NO 713

NOTES CHKD DATE

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DEER WEATHER CLEAR INST. NO. 967
NOTES BY G. E. D DATE 3-6-72 TIME 10:00 ROD NO. 734-
INDEXED C. J. GALLI DATE MAR 14 '72 NOTES CHKD DATE
F.B. 2868 PG. 172

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	165	989	4665	167 163 4	220	921	5215	247 193 54	54M- 4M= 50M=0.20 mm
2	155	170	4565	157 153 4	100	263	4015	127 73 54	54M- 4M= 50M=0.20 mm
	321	159		8	321	184		108	0.40
	321	144				0.40			
	+	015 mm			-0.	mm		- 8	Curvature Corr.=0.40 mm
					321	144		100	
					321				
					-				
		+ 0.002		mm= "C"					
	100	0.15							
								mm= "C"	
					/				

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INST. NO. _____
ROD NO. _____
DATE _____
WEATHER _____
TIME _____
NOTES CHKD _____

F.B. 2888 Pg. 174
JOB NO. 0230.02
SURVEY OF LA Co. PRECISE LEVEL NET
SURVEY BY _____ NOTES _____
INDEXED _____ DATE _____

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-7-72
INDEXED C. J. GALLI DATE MAR 14 72
WEATHER Sunny & Calm
TIME 9:50
NOTES CHKD
DATE
INST. NO. 9671
ROD NO. 1713A
T-84°
F.B. 2868 PG. 175

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
				165	5			172	
1	163	018	464 5	161 4	146	400	446 5	118 54	54M- 4 M=50 M=0.20mm
				160				203	
2	158	516	459 5	156 4	176	231	477 5	149 54	54M- 4 M=50 M=0.20 mm
	321	534		8	321	631		108	
						040 mm		8	
	+				~~-0. mm~~				Curvature Corr.=0.40 mm
					321	591		100	
					321	534			
					-	057			
				mm= "C"					
					-	.006 mm= "C"			
					100	0.570			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER LT. BR. CLEAR INST. NO. 26710
NOTES BY G.E. DREIER DATE 3-8-72 TIME 9140 ROD NO. 17134
INDEXED G.J. GALLI DATE MAR 14 72 NOTES CHKD. DATE
F.B. 2868 PG. 177

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	159	752	460 5	161 157 4	186	330	487 5	213 159 54	54 M- 4 M= 50 M=0.20 mm
2	157	283	458 5	159 155 4	130	760	431 5	157 103 54	54 M- 4 M= 50 M=0.20 mm
	317	035		8	317	090		108	
						0.40 mm			
	+				-0.	mm		- 8	Curvature Corr.=0.40 mm
					317	050		100	
					317	035			
					-	0.15 mm			
				mm= "C"					
	1								
						- 0.002 mm = "C"			
					100	0.15			

F.B. 2868 Pg. 178 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 _____

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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 8/68

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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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR 71°
NOTES BY G.E. DREIER DATE 3-9-72 TIME 7:50 INST. NO. 2674
INDEXED C. J. GALLI DATE MAR 14 72 NOTES CHKD. DATE ROD NO. 17334-
F.B. 2868 PG. 179

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	160	085	461 5	162 158 4	162	321	463 5	187 133 54	54M- 4M= 50M-0.20mm
2	159	850	460 5	161 157 4	157	761	458 5	184 130 54	54M- 4M= 50M=0.20 mm
	319	935		8	320	082		108	
						0.40 mm			
	+				-0.	mm		-8	Curvature Corr.=0.40 mm
					320	042		100	
					319	935			
					-	1.07	mm		
				mm= "C"					
	1								
						-0.011	mm= "C"		
					100	1.07			

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F.B. 2868 PG. 180

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

JOB NO. 0301.02

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-78
SURVEY BY G.E. Dreier DATE 2-25-72 WEATHER Overcast INST. NO. 867
NOTES BY Maldonado DATE 2-25-72 TIME 2:10 to 2:15 ROD NO. 17378
INDEXED DATE MAR 14 '72 NOTES CHKD DATE
F.B. 2868 PG. 181

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 101-120A TO BM 101-120B
BM 101-120A					183						188		BM 101-120A (U.S.C.&G.S. K-1147)
1	160	230	461	5	137	46	165	820	466	5	142	46	Sierra Hwy @ S.P.R.R. @ Mi. 410
													See F.B.
2	128	201	429	5	163 93	70	108	211	409	5	143 73	70	
						116	/					116	
	288	431	/				274	031	/			116	
												232	BM 101-120B (BT.SPK. E-13)
BM 101-120B	274	031											Sierra Hwy. @ Hwy. Sta. 175-25
	+14	400	/										See F.B. 2411-11
						RC	-Rum						
BM 101-120A		Sunny & Calm		T=86°			1:40 to			3-7-72			BM 101-1201
					189						202 146		
1	161	320	462	5	133	56	174	830	475	5	475	56	
					162						134		
2	134	950	435	5	106	56	107	172	408	5	80	54	
						112	/					110	/
												112	
	296	270	/				282	002	/			222	/
	282	002											
	+14	268	/										
01-120B													

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F.B. 2868 PG. 182 JOB NO 0301.02
SURVEY OF Mag. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 2-25-72
INDEXED G. J. GALLI DATE
WEATHER Sunny & Calm INST. NO 9671
TIME 2:05 to 2:10 ROD NO 1734
NOTES CHKD DATE
T 78°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-120B TO BM 101-120A
BM 101-120B					142						161		BM 101-120B (Bl. Spk. E-13)
1	107	365	408	5	72	70	126	510	427	5	91	70	Along Sierra Hwy. @ Sta. 175+25 S.P.R.R.
					189						184		See F.B. 2411-11
2	165	870	466	5	141	48	160	979	461	5	136	48	
						118						118	X-Siemann
												118	BM 101-120A (U.S.C.&G.S. X-1147
BM 101-120A	273	235					287	489				236	U.S.P.R.R. @ Mi. Post 410
							273	235					See F.B.
							-14	254					
		Sunny & Calm			T=86°		Re-Run 1:30 to 1:35 3-T-72						BM 101-120B (Bl. Spk. E-13)
BM 101-120B					126						155		
1	99	883	400	5	72	54	127	739	428	5	99	56	
					202						189		
2	174	873	475	5	146	56	161	410	462	5	133	56	
						110						112	
												110	
	274	856					289	149				222	
							274	856					
							-14	293					BM 101-120A
BM 101-120A													

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-76°
F.B. 2868 PG. 183
SURVEY BY G.E. Dreier DATE 2-25-72 WEATHER Sunny & Calm INST. NO. 967
NOTES BY Maldonado TIME 2:20 To 2:40 ROD NO. 713AE
INDEXED G.J. GALT DATE MAR 14 72 NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-120B TO BM 101-101-121
BM 101-120B													BM 101-120B (Bt. SPK. E-13
1	38	451	339	5	80-1/2 38	84	298	991	598	5	297-1/2 254	86	S.P.R.R. Along Sierra Hwy @ Sta. 125+25
					117						280		See F.B. 2411-11
2	80	999	381	5	43	74	194	641	495	5	158	72	
					202	158					243	158	
3	163	999	464	5	124	78	205	220	506	5	167	76	K-Sieman
					150	236					127	234	
4	123	488	424	5	96	54	99	545	400	5	71	56	
						290						290	
												290	
	406	937					797	397				580	BM 101-121 (U.S.C.&G.S. V-811)
							406	937					S.P.R.R. & 0.35 mi. So. of Ave. "M"
BM 101-121							390	460					See F.B. 2410-37 & 3737-15
1						Re-Run							
1	92												

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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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM101-121 TO BM 101-120B
BM 101-121					131						159		BM 101-121 (U.S.C.&G.S. V-811)
1	98	569	399	5	65	66	126	780	427	5	93	66	S.P.R.R. @ 0.35 mi. So. of Ave M
					238						201	5	See F.B. 2410-37 & 3737-15
2	208	451	509	5	178	60	172	791	473	5	143	58	
					225	126					122	124	
3	193	831	494	5	161	64	87	470	388	5	52	70	π-Siemann
					249	190					127	194	
4	218	543	519	5	187	62	95	880	396	5	63	64	
					249	252					91	258	
5	226	032	527	5	203	46	71	753	372	5	51	40	
						298						298	
												298	
	945	426					554	674				596	BM101-120B (Bt. SPK. E-13)
BM 101-120B	554	674											Along S.P.R.R., Sierra Hwy. @ Sta 175
	1388 90	752											See F.B. 2411-11
							Re-Run						
BM 101-121	Sunny & Calm		T=86°				1:05 to 1:30		3-7-72				BM 101-121 (U.S.C.&G.S. V-811)
					117						145		
1	92	749	393	5	67	50	118	879	419	5	91	54	
					182						117		
2	157	981	458	5	132	50	96	351	397	5	75	42	π-Siemann
					154	100					167	96	
3	128	899	429	5	102	52	139	510	440	5	111	56	
					228	152					130	152	
4	202	474	503	5	176	52	105	278	406	5	80	50	
					236	204					186	202	
5	210	929	511	5	184	52	111	421	412	5	86	50	
					244	256					77	252	
6	225	719	526	5	206	38	56	755	357	5	35	42	
						294							
	1018	751					628	194				294	
	628	194										294	BM 101-120B (Bt SPK. E-13)
BM 101-120B	1390	557										588	

F.B. 2868 PG. 184

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-25-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 967

TIME 1:40 to 2:00 ROD NO. 1713A

NOTES CHKD DATE

T-780

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T= 80°
SURVEY BY: G. E. DREIER WEATHER: SUNNY INST. NO. 2624
NOTES BY: SIEMANN DATE: 2-28-72 TIME: 11:25 TO ROD. NO. 7134
INDEXED: G. J. GAU DATE: MAR 14 72 NOTES CHKD DATE
F.B. 2868 PG. 182

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 101-121 TO B.M. 101-122 A
B.M. 101-121													B.M. 101-121 (U.S.C.&G.S. V-811 1947)
1	71	282	372	5	98 44	54	213	750	514	5	242 184	58	S.P.R.R. & 0.35 MI. S. OF AVE. M.
													SEE F.B. 2410-37 & 3737-15
2	108	408	409	5	143 73	70	210	853	511	5	204 176	68	
					125	124						126	
3	90	500	391	5	55	70	212	263	513	5	246 178	68	
					124	194					210	194	
4	90	648	391	5	56	68	176	394	477	5	142	68	T = ANDERSON
					133	262					148	262	
5	113	532	414	5	91	44	126	630	427	5	104	44	
					124	306					81	306	
6	110	897	411	5	96	28	69	588	370	5	57	24	
						334						330	
B.M. 101-122A												334	B.M. 101-122A (U.S.C.&G.S. 5-1219)
	585	267					1009	478				664	AVE. M. & S.P.R.R. E. OF SIERRA HWY.
							585	267					SEE F.B.
						-	424	211					

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Do not extend notes this side of this line.

INST. NO. 9671
ROD NO. 7134
DATE
NOTES CHKD
WEATHER SUNNY T=78°
TIME 1:10 TO 1:30
F.B. 2868 PG. 186
JOB NO. 0301.02
SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY D. REIER NOTES SIEMANN 2-25-72
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 101-122A TO B.M. 101-121 1971
B.M. 101-122A													B.M. 101-122A (U.S.C.&G.S. 5-1219
1	102	027	403	5	131 73	58	132	167	433	5	167 103	58	AVE. M. & S.P.R.R. E. OF SIERRA HWY.
													SEE F.B.
2	157	453	458	5	184 126	54	99	151	400	5	129 69	60	
		567				112						118	
3	177	~~648~~	478	5	206 148	58	77	108	378	5	103 51	52	
						170						170	
4	197	721	498	5	224 170	54	150	223	451	5	177 123	54	T = MALDONADO
						224						224	
5	224	028	525	5	250 198	52	118	168	419	5	145 91	54	
						276						278	
6	215	208	516	5	241 189	52	72	909	373	5	98 46	52	
						328						330	/
B.M. 101-121												328	B.M. 101-121 (U.S.C.&G.S. V-811)
	1074	004	/				649	726	/			658	S.P.R.R. 0.35 MI. S. OF AVE. M.
	649	726	/										SEE F.B. 2410-37 & 3737-15
	+424	278	/										

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 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 T = 82°
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 9671
NOTES BY S.E. MANN DATE 2-28-72 TIME 11:30 ROD NO 1713
INDEXED C.J. CALLI DATE MAR 14 72 NOTES CHKD DATE
F.B. 2868 PG. 187

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 101-1224 TO B.M. 121-1
M.101-122A													B.M. 102-1224 (U.S.C.&G.S. 5-1219)
1	29	748	330	5	5 5	48	201	690	502	5	225 177	48	AVE. M. & S.P.R.R. E. OF SIERRA HWY.
2	95	310	396	5	130 60	70	80	558	381	5	115 45	70	
						118						118	
3	126	508	427	5	160 92	68	161	190	462	5	195 127	68	
						186						186	T = ANDERSON
4	96	707	397	5	129 63	66	157	233	458	5	190 124	66	
						252						252	
5	110	550	411	5	125 95	30	166	042	467	5	182 150	32	
						282	✓					284	✓
M.121-1												282	B.M. 121-1
	458	823	✓				766	713	✓			566	AVE. M. & 5TH ST. E.
							458	823					SEE F.B. 2868-7
							307	890	✓				

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Do not extend notes this side of this line.

F.B. 2868 Pg. 188 JOB NO. 0301.02 INST. NO. 9671

SURVEY OF L.A.Co. Precise Level Net ROD NO. 17345

SURVEY BY Dreier NOTES Maldonado 3-7-72 WEATHER Sunny TIME 11:20 TO

INDEXED C.J. GALL DATE NOTES CHKD DATE

T 90

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 121-1 TO BM 101-122A
B.M. 121-1									BM 121-1
1	200	807	501	5 163 74	103	561	404	5 60 78	Ave "M" & 5th St. E
									see FB 2868-7
2	162	391	463	5 128 68	102	918	403	5 69 66	
									144
3	90	152	391	5 56 68	153	589	454	5 120 66	T = MALDONADO
				210					210
4	223	892	524	5 190 66	9	312	310	5 9 78	
				276				288	
B.M. 101-122A								276	B.M. 101-122A (U.S.C. & G.S. 5-1219)
	677242				369380			564	AVE. M & S.P.R.R. E. OF SIENA HTS
	369380								SEE F.B.
	+ 307862								

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 121-1 TO B.M. 121-2
B.M. 121-1				5	164						256		B.M. 121-1
1	125	001	426		86	78	218	110	519	5	180	76	AVE. M. & 5TH. ST. E.
				5	179						241		SEE F.B. 2868-7
2	139	574	440	5	99	80	200	889	501	5	159	82	
					177	158					245	158	
3	137	661	438	5	97	80	206	201	507	5	167	78	
					167	238					241	236	T = SIEMANN
4	127	782	428	5	87	80	202	664	503	5	163	78	
					147	318					284	314	
5	107	085	408	5	67	80	242	082	543	5	200	84	
					120	398					150	398	
6	112	391	413	5	104	16	141	550	442	5	132	18	
						414						416	
B.M. 121-2												414	B.M. 121-2
	749	494					1211	496				830	AVE. M. & 10TH. ST. E.
							749	494					F.B. 2868-8 N.W. GOX
							462	002					

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

SURVEY BY G.E. DREIER

NOTES BY R. ANDERSON DATE 28-FEB '72

INDEXED C. J. GALLY DATE MAR. 14 '72

WEATHER CLEAR & WINDY

TIME 1:00 P.M.

NOTES CHKD. DATE

INST. NO. 9671

ROD NO. 17135

T - 82°

F.B. 2868 PG. 189

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2868 PG. 190 JOB NO 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Malibu 3-7-72

INDEXED G. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 967

TIME 10:50 To 11:15 ROD NO. 1781

NOTES CHKD DATE

T-82°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 121-2 TO BM 121-1
BM 121-2					266						130		BM 121-2
1	229	551	530	5	192	74	90	588	391	5	50	80	Ave. "M" & 10th St E N.W. Cor
					225						166		See F.B. 2868-8
2	190	151	491	5	155	70	132	909	433	5	98	68	
					227	144					144	148	
3	192	941	493	5	157	70	105	574	406	5	66	78	K-Siemann
					214	214					159	226	
4	178	782	479	5	142	72	124	180	425	5	89	70	
					203	286					138	296	
5	169	700	470	5	135	68	109	630	410	5	80	58	
					200	354					138	354	
6	174	851	475	5	148	52	111	731	412	5	84	54	
						406						408 ✓	
												406	
	1135	976 ✓					674	612 ✓				814 ✓	
	674	612											
BM 121-1	+461	364 ✓											BM 121-1
													Ave. "M" & 5th St E N.W. Cor
													See F.B. 2868-7

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 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 T-86°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-7-72 WEATHER Sunny & Calm INST. NO. 9671
INDEXED C. J. GALLI DATE MAR 14 72 TIME 1:55 to 2:15 ROD NO. 1713A9
NOTES CHKD DATE
F.B. 2868 PG. 191

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	Re-Run FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM121-1 TO BM121-2
BM121-1				165				239	BM121-1
1	133	650	434 5	101 64	207	460	508 5	175 64	Ave "M" & 5th St E. N.W. Cor.
				164				225	See F.B. 2868-7
2	127	875	428 5	90 74	189	325	490 5	153 72	
				169 138				237 136	
3	132	614	433 5	95 74	200	039	501 5	163 74	π-Siemann
				212				237 210	
4	131	209	432 5	168 94 74	201	101	502 5	165 72	
				167 286				254 282	Re-Run
5	131	559	432 5	95 72	218	292	519 5	182 72	
				145 358				250 354	
6	119	972	420 5	93 52	222	029	523 5	194 56	
				410				410	
								410	
	776	879			1238	2~~5~~4~~6~~		820	
					776	879			BM121-2
BM121-2					461	367			Ave "M" & 10th St E. N.W. Cor.
									See F.B. 2868-8

F.B. 2868 PG. 192 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES

INDEXED DATE

WEATHER INST. NO. 967

TIME ROD NO. 1713A

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 121-2 TO B.M. 121-3
B.M. 121-2					190						218		B.M. 121-2
1	159	259	460	5	128	62	187	460	488	5	156	62	AVE. M. & 10TH. ST. E.
					184		187				226		F.B. 2868-8 N.W. COR.
2	145	050	446	5	106	78	~~180~~	939	488	5	148	78	
					172	140					262	140	
3	129	676	430	5	86	86	218	426	519	5	174	88	
					130	226		679			283	228	T = SIEMANN
4	91	881	392	5	52	78	243	~~669~~	544	5	203	80	
					137	304					262	308	
5	96	577	397	5	55	82	225	954	526	5	188	74	
					167	386					245	382	
6	150	290	451	5	133	34	226	250	527	5	207	38	
						420						420	
B.M. 121-3												420	B.M. 121-3
	772	733					1289	608				840	AVE. M, ABOUT 0.5 MI.
							772	733					E. OF 10TH. ST. E. GATE
													NO. 10 TO PALMDALE AIRPORT
							516	~~964~~ 975					F.B. 2868-9 S.W. COR.

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

SURVEY BY G.E. DREIER

NOTES BY R. ANDERSON DATE 28-FEB.'72

INDEXED C. J. GALLI DATE MAR 14 '72

WEATHER CLEAR & WINDY

TIME 1:25 P.M.

NOTES CHKD

DATE

INST. NO. 967

ROD NO. 1713A

T = 820

F.B. 2868 PG. 193

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 121-3 TO BM 121-2
BM 121-3					235						90		BM 121-3
1	197	360	498	5	159	76	48	643	349	5	6	84	Ave. "M" & 0.5 mi. E of 10th St. E.
					240						128		See F.B. 2868-9
2	205	652	506	5	170	70	97	678	398	5	66	62	
					265	146					139	146	
3	230	150	531	5	195	70	106	499	407	5	73	66	T-Siemann
					224	216					164	212	
4	189	920	490	5	154	70	129	421	430	5	94	70	
					215	286					174	282	
5	180	047	481	5	145	70	140	049	441	5	106	68	
					154	356					87	350	
6	123	231	424	5	92	62	87	879	388	5	49½	76	
						418						426	
												418	
	1126	360					610	169				844	
	610	169											BM 121-2
BM 121-2	1516	191											Ave. "M" & 10th St. E. N.W. Cor
													See F.B. 2868-8

F.B. 2868 PG. 194

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-7-72

INDEXED C. J. GALLI DATE

T-84°

WEATHER Sunny & Calm INST. NO. 967

TIME 10:25 to 10:50 ROD NO. 1713

NOTES CHKD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-86°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-7-72 WEATHER Sunny & Calm INST. NO. 9671
INDEXED C. J. GALLY DATE MAR 14 72 TIME 2:20 to 2:40 ROD NO. 1713AL
NOTES CHKD DATE
F.B. 2868 PG. 195

STATION	BACKSIGHT Right	Mic.	Left		Stadia		Re-Run FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 121-2 TO BM 121-3
BM121-2	25				188						233		BM 121-2
1	150	451	451	5	112	76	192	961	493	5	151	82	Ave. "M" & 10th St. E N.W. Cor.
					186						222		See F.B. 2868-8
2	144	789	445	5	102	84	184	101	485	5	146	76	
					168	160					259	158	
3	132	650	433	5	96	72	221	504	522	5	183	76	T-Siemann
					134	232					267	234	
4	98	300	399	5	62	72	234	761	535	5	199	68	Re-Run
					145	304					265	302	
5	109	928	410	5	73	72	229	450	530	5	193	72	
					161	376					252	374	
6	138	826	439	5	115	46	229	111	530	5	206	46	
						422						420	
												422	
	774	944					1291	888				842	
							774	944					BM 121-3
BM 121-3							516	944					Ave. "M" & 0.5 mi. E of 10th St. E.
													See F.B. 2868-9

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

INST. NO. 967 ROD NO. 1713 DATE

WEATHER CLEAR TIME 9:45 NOTES CHKD

T = 78°

F.B. 2868 PG. 196 JOB NO. 0301.02

SURVEY OF Ace. Precise Level Net

SURVEY BY Dreier NOTES Dreier 3-8-72

INDEXED C. J. GALLI DATE

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 121-3 TO BM 121-2
B.M. 121-3					266						133		B.M. 121-3
1	227	920	528	5	188	78	94	339	395	5	55	78	AVE. M 0.5 MI. E. OF 10th ST. E.
					253						122		SEE F.B. 2868-9
2	217	621	518	5	181	72	87	101	388	5	52	70	
					283	150					146	148	RERUN
3	240	149	541	5	197	86	104	306	405	5	62	84	↑ R. SIEMANN
					223	236					162	232	
4	186	860	487	5	149	74	126	100	427	5	90	72	
					196	310					179	304	
5	168	510	469	5	140	56	148	241	449	5	117	62	
					199	366					164	366	
6	172	891	473	5	145	54	137	352	438	5	110	54	
						420						420	
B.M. 121-2												420	B.M. 121-2
	1213	951					697	439				840	AVE. M & 10th ST. E.
	697	439											SEE F.B. 2868-8
	516	512											

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 2nd RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 121-2 TO B.M. 121-3
B.M. 121-2									BM. 121-2
1	151	340	452 5	187 115 72	191	030	492 5	229 153 76	AVE. M & 10th ST. E.
									SEE F.B. 2868-8
2	146	880	447 5	182 110 72	181	122	482 5	217 145 72	
				144				148	⊼ R. SIEMANN
3	131	103	432 5	168 94 74	201	804	502 5	236 166 70	
				218				218	2nd RERUN
4	96	380	397 5	133 59 74	237	552	538 5	274 200 74	
				292				292	
5	99	310	400 5	135 63 72	221	829	522 5	257 185 72	
				364				364	
6	120	609	421 5	149 91 58	229	030	530 5	258 200 58	
				422				422	
B.M. 121-3								422	B.M. 121-3
	745	622			1262	367		844	AVE. M, 0.5 MI. E. OF 10th ST. E.
					745	622			SEE F.B. 2868-9
					516	745			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 76°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 3-8-72 WEATHER CLEAR INST. NO. 96,71
INDEXED C. J. GALLI DATE MAR 14 72 TIME 10:15 ROD NO. 1713A
NOTES CHKD. DATE

F.B. 2868 PG. 197

F.B. 2868 PG. 198 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

403 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 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 121-3 TO B.M. 121-4
B.M. 121-3					192			520			235		B.M. 121-3
1	151	290	452	5	110	82	194	~~580~~	495	5	153	82	AVE. M, ABOUT 0.5 MI.
					149						299		E. OF 10 TH. ST. E. - GATE
2	109	669	410	5	69	80	259	680	560	5	219	80	No. 10 TO PALMDALE AIRPORT
					140	162					230	162	F.B. 2868-9 S.W. COR
3	98	030	399	5	56	84	189	428	490	5	148	82	
					202	246					206	244	
4	161	610	462	5	120	82	167	570	468	5	128	78	
					191	328					211	322	π = SIEMANN
5	154	805	455	5	117	74	171	262	472	5	131	80	
						402						402	
B.M. 121-4												402	B.M. 121-4
	675	404					982	460				804	AVE. M & 20TH. ST. E.
							675	404					F.B. 2868-10 S.W. COR
							307	056					

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

SURVEY BY G.E. DREIER

NOTES BY R. ANDERSON DATE 28-FEB. '72 WEATHER CLEAR & WINDY INST. NO. 9671

INDEXED C.J. GALLI DATE MAR 14 '72 TIME 1:50 P.M. ROD NO. 1713A

NOTES CHKD. DATE

T = 84°

F.B. 2868 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 121-4 TO BM 121-3
BM 121-4		2			215						196		BM 121-4
1	175	619	476	5	135	80	153	225	454	5	110	86	Ave. "M" & 20th St. E S.W. Cor
	159				199						200		See F.B. 2868-10
2	~~160~~	741	460	5	119	80	162	881	463	5	124	76	
					232	160	4				134	162	
3	192	999	493	5	152	80	93	000	395	5	54	80	T-Siemann
	5				295	240					149	242	
4	256	999	556	5	215	80	112	369	413	5	75	74	
					234	320					191	316	
5	193	920	494	5	152	82	148	825	449	5	105	86	
						402						402	
												402	
	978	278					671	300				804	
	671	300											
BM 121-3	306	978											BM 121-3
													Ave. "M" & 0.5 mi. E of 10th St. E
													Gate No. 10 of Palmdale Airport
													See F.B. 2868-9

T-74°

WEATHER Hazy & Windy INST. NO. 967

TIME 2:20 to ROD NO. 17 BA

NOTES CHKD. DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-3-72

INDEXED C. J. GALLI DATE

F.B. 2868 PG. 200

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 121-4 TO B.M. 121-5
B.M. 121-4					170						246		B.M. 121-4
1	129	589	436	5	88	82	205	479	506	5	164	82	AVE. M & 20TH. ST. E.
					175						231		F.B. 2868-10 S.W. COR.
2	134	348	435	5	93	82	190	061	491	5	149	82	
					193	164					207	164	
3	153	940	454	5	113	80	168	129	469	5	129	78	
					205	244					215	242	
4	165	590	466	5	125	80	176	831	477	5	137	78	T = SIEMANN
					193	324					250	320	
5	162	325	463	5	131	62	215	890	516	5	180	70	
						386						390	
B.M. 121-5												386	B.M. 121-5
	745	792					956	390				776	AVE. M., ABOUT 0.5 MI.
							745	792					E. OF 20TH. ST. E.
													F.B. 2868-11 - SO. SIDE
							210	598					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY R. ANDERSON DATE 28-FEB.'72 WEATHER CLEAR & WINDY INST. NO 967
INDEXED C. J. GALLI DATE MAR 14 '72 TIME 2:15 P.M. ROD NO 1713A
NOTES CHKD DATE

T = 840

F.B. 2868 PG. 207

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 BM121-5 TO BM121-4
BM 121-5					245						184		BM 121-5
1	212	015	513	5	179	66	150	456	451	5	116	78	Ave "M" & 0.5 mi E. of 20th St.
					211						206		See F.B. 2868-11
2	171	595	472	5	131	80	173	745	474	5	140	66	
					213	146					194	144	
3	173	475	474	5	133	80	153	404	454	5	112	82	T-Siemann
					229	226					172	226	
4	189	000	490	5	149	80	132	193	433	5	92	80	
					243	306					170	306	
5	199	571	500	5	155	88	125	319	426	5	80	90	
						394	✓					396	✓
												394	✓
	945	656	✓				735	117	✓			790	
	735	117											BM121-4
BM 121-4	210	539	✓										Ave. "M" & 20th St. E
													See F.

F.B. 2868 PG. 202 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-3-72

INDEXED C. J. GALLI DATE

WEATHER Hazy & Windy INST. NO. 967

TIME 2:00 to 2:20 ROD NO. 1713

NOTES CHKD. DATE

T-74°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 121-5 TO B.M. 121-6
B.M. 121-5									B.M. 121-5
1	155	141	456 5	185 125 60	160	752	461 5	190 130 60	AVE. M, ABOUT 0.5
									MI. E. OF 20TH. ST. E.
2	142	919	443 5	173 111 62	155	467	456 5	186 124 62	F.B. 2868-11 -SO. SIDE
				122				122	
3	144	793	445 5	175 113 62	161	746	462 5	191 131 60	
				184				182	
4	154	298	455 5	186 122 64	152	979	453 5	183 121 62	
				248				244	
5	152	361	453 5	184 120 64	149	548	450 5	181 117 64	π = MALDONADO
				312				308	
6	170	171	471 5	201 139 62	147	122	448 5	178 116 62	
				374				370	
7	159	918	460 5	185 133 52	130	012	431 5	158 102 56	
				426				426	
M. 121-6								426	B.M. 121-6
	1079	601			1057	626		852	AVE. M. & 30TH ST. E.
	1057	626							SEE F.B. 2868-12
	+ 21	975							

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 2-29-72 WEATHER VERY WINDY INST. NO. 19CT1

INDEXED C. J. GALLI DATE MAR 14 72 TIME 10:00 TO ROD NO. 1713A

NOTES CHKD DATE

T # 72

F.B. 2868 PG. 203

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 121-6 TO B.M. 121-5
B.M. 121-6													B.M. 121-6
1	122	682	423	5	156 88	68	158	279	459	5	193 123	70	AVE. M. & 30TH ST. E.
													SEE F.B. 2868-12
2	145	406	446	5	179 111	68	167	691	468	5	200 134	66	
						136						136	
3	155	435	456	5	190 120	70	148	788	449	5	182 114	68	
						206						204	
4	153	641	454	5	187 119	68	142	512	443	5	127 107	70	π = MALDONADO
						274						274	
5	146	477	447	5	180 112	68	132	211	433	5	165 99	66	
						342						340	
6	165	642	466	5	195 135	60	138	862	439	5	167 109	58	
						402						398	
7	159	821	460	5	172 146	26	183	072	484	5	198 168	30	
						428						428	
B.M. 121-5												428	B.M. 121-5
	1049	104					1071	415				856	AVE. M. 0.5 MI. E. OF 20TH ST. E.
							1049	104					SEE F.B. 2868-11
							-22	311					

F.B. 2868 PG. 204

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-3-72

INDEXED C. J. GALLI DATE

T = 74°

WEATHER SUNNY WINDY INST. NO. 962

TIME 1:30 TO 2:00 ROD NO. F713

NOTES CHKD. DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 77°
SURVEY BY G.E. DREIER WEATHER CLEAR
NOTES BY G.E. DREIER DATE 3-8-72 TIME 10:50 INST. NO 26774
INDEXED G.J. GALLI DATE MAR 14 '72 NOTES CHKD DATE ROD NO 17124
F.B. 2868 PG 205

RERUN

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 121-5 TO B.M. 121-6
B.M. 121-5													B.M. 121-5
1	159	623	460	5	200 / 118	82	166	231	467	5	207 / 125	82	AVE. M. 0.5 MI. E. OF 20th ST. E.
													SEE F.B. 2868-11
2	139	132	440	5	176 / 102	74	160	811	461	5	197 / 123	74	
						156					192	156	RERUN
3	149	739	450	5	186 / 112	74	155	413	456	5	118	74	T. J. MALDONADO
						230					188	230	
4	151	362	452	5	188 / 114	74	151	119	452	5	114	74	
						304						304	
5	176	653	477	5	213 / 139	74	147	712	448	5	184 / 110	74	
						378						378	
6	158	543	459	5	182 / 134	48	131	373	432	5	155 / 107	48	
						426						426	—
B.M. 121-6												426	B.M. 121-6
	935	052	✓				✓					852	AVE. M. & 30th ST. E.
	912	659					912	659	✓				SEE F.B. 2868-12
	+22	393	✓										

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T= 76°
SURVEY BY G.E. DREIER WEATHER VERY WINDY INST. NO 76716
NOTES BY SLEMANN DATE 2-29-72 TIME 10:30 TO 11:00 ROD NO 1712
INDEXED C.J. GALLI DATE MR 14 72 NOTES CHKD DATE
F.B. 2868 PG 207

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 121-6 TO B.M. 121-7
M.121-6													B.M. 121-6
1	140	322	441	5	170 110	60	139	642	440	5	169 109	60	AVE. M. & 30TH ST. E.
													SEE F.B. 2868-12
2	152	921	453	5	184 120	64	153	966	454	5	185 121	64	
						124							
3	147	721	448	5	176 118	58	148	491	449	5	176 120	56	
						182						180	
4	154	868	455	5	186 122	64	143	359	444	5	173 111	64	T = MALDONADO
						246						244	
5	151	521	452	5	182 120	62	158	099	459	5	188 128	60	
						308						304	
6	147	927	448	5	164 130	34	111	900	412	5	130 92	38	
						342						342	
M.121-7												342	B.M. 121-7
	895290						855457					684	AVE. M. ABOUT 0.5 MI. E. OF 30TH ST. E.
	855457												SEE F.B. 2868-13
	+ 39833												

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 2868 PG. 208 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY OREK NOTES SIEMANN 3-3-72

INDEXED D. J. GALLI DATE

WEATHER SUNNY, WIND V INST. NO. 9671

TIME 1:10 TO 1:30 ROD NO. 1134

NOTES CHKD DATE

T = 74°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 121-7 TO B.M. 121-6
B.M. 121-7													B.M. 121-7
1	108	312	409	5	142 74	68	144	352	445	5	178 110	68	AVE. M. ABOUT 0.5 MI. E. OF 30TH ST. E
													SEE F.B. 2868 - 13
2	146	491	447	5	187 111	70	143	821	444	5	177 109	68	
						138						136	
3	140	846	441	5	174 106	68	149	882	450	5	182 116	66	T = MALDONADO
						206						202	
4	151	878	452	5	186 116	70	151	253	452	5	186 116	70	
						276						272	
5	146	233	447	5	182 110	72	144	527	445	5	178 110	68	
						348						340	✓
B.M. 121-6												348	B.M. 121-6
	693	760	✓				734	835	✓			688	AVE. M & 30TH ST. E.
							693	760					SEE F.B. 2868 - 12
							~~1427~~	~~595~~					
							- 40	075	✓				

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T= 72°
SURVEY BY G.E. DEEER WEATHER WINDY - OVERCAST
NOTES BY SIEMANN DATE 2-29-72 TIME 11:00 TO 11:30 ROD NO 7134
INDEXED C. J. GALLI DATE MAR 14 72 NOTES CHKD DATE
F.B. 2868 PG. 209

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 121-7 TO B.M. 121-8
B.M. 121-7													B.M. 121-7
1	122	842	423	5	150 94	56	138	261	439	5	166 110	56	AVE. M. ABOUT 0.5 MI. E. OF 30TH ST. E.
													SEE F.B. 2868-13
2	144	441	445	5	176 112	64	149	279	450	5	180 118	62	
						120						118	
3	149	711	450	5	181 117	64	150	360	451	5	182 118	64	
						184						182	
4	156	128	457	5	188 124	64	154	785	455	5	187 121	66	
						248						248	
5	161	632	462	5	193 129	64	135	368	436	5	166 104	62	
						312						310	T = MALDONADO
6	153	698	454	5	184 122	62	141	837	442	5	173 109	64	
						374						374	
7	152	763	453	5	183 121	62	147	673	448	5	177 117	60	
						436						434	
8	147	700	448	5	174 120	54	156	219	457	5	183 129	54	
						490						488	
9	141	942	442	5	150 132	18	127	207	428	5	136 118	18	
						508 ✓						506 ✓	
B.M. 121-8												508	B.M. 121-8
	330857 ✓						300989 ✓					1014	AVE. M. @ 40TH ST. E.
	300989												SEE F.B. 2868-14
	+ 29868 ✓												

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 2868 PG. 210
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY PREIER NOTES SIEMANN 3-3-72
INDEXED B. J. GALLI DATE
JOB NO. 0301.02
T = 68°
WEATHER WINDY, SUNNY INST. NO. 962
TIME 10:40 TO 11:20 ROD NO. 4713
NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 121-8 TO B.M. 121-7
B.M. 121-8													B.M. 121-8
1	143	032	444	5	176 110	66	152	567	453	5	185 119	66	AVE. M. & 40TH ST. E.
													SEE F.B. 2868-14
2	146	992	447	5	178 114	64	151	625	452	5	184 118	66	
						130						132	
3	143	421	444	5	180 106	74	154	505	455	5	189 119	70	
						204						202	
4	135	437	436	5	169 101	68	163	231	464	5	198 128	70	T = MALDONADO
						272					184	272	
5	155	987	456	5	188 122	66	151	261	452	5	118	66	
						338						338	
6	152	331	453	5	186 118	68	156	211	457	5	190 122	68	
						406						406	
7	148	372	449	5	180 116	64	150	449	451	5	182 118	64	
						470						470	
8	140	998	441	5	160 120	40	117	323	418	5	137 97	40	
						510 ✓						510 ✓	
B.M. 121-7												510	B.M. 121-7
	1166	570 ✓					1197	172 ✓				1020	AVE. M. 0.5 MI. E. OF 30TH ST. E.
							1166	570					SEE F.B. 2868-13
							30	602 ✓					

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 76°
SURVEY BY G.E. DREIER WEATHER CLEAR
NOTES BY G.E. DREIER DATE 3-8-72 TIME 11:25 INST. NO. 9671
INDEXED G.J. GALLY DATE MAR 14 72 NOTES CHKD. ROD NO. 1713A
DATE

F.B. 2868 PG. 211

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RERUN RIGHT	FORESIGHT RERUN MIC.	FORESIGHT RERUN LEFT.	FORESIGHT RERUN STADIA	DESCRIPTION AND REMARKS FROM B.M. 121-7 TO B.M. 121-8
B.M. 121-7									B.M. 121-7
1	128	182	429 5	162 94 68	148	688	449 5	183 113 70	AVE. M. & 0.4 MI. E. of 30th ST.E
									SEE F.B. 2868-13
2	150	222	451 5	188 112 76	149	158	450 5	187 111 76	
				144				146	
3	151	452	452 5	189 113 76	148	808	449 5	186 110 76	RERUN
				220				222	J. MALDONADO
4	149	176	450 5	188 110 78	129	200	430 5	167 91 76	
				298				298	
5	153	324	454 5	191 115 76	137	298	438 5	175 99 76	
				374				374	
6	152	694	453 5	188 116 72	148	409	449 5	182 114 68	
				446				442	
7	159	352	460 5	189 129 60	152	910	453 5	184 120 64	
				506				506	
B.M. 121-8								506	B.M. 121-8
	1044	402			1014	471		1012	AVE M. & 40th ST.E.
	1014	471							SEE 2868-14
	+29	931							

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Do not extend notes this side of this line.

F.B. 2868 PG. 212 JOB NO 030102
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 3-8-72
INDEXED G. J. GALLI DATE
WEATHER C. LEAR INST. NO 2671
TIME 11:15 ROD NO 2731
NOTES CHKD 85° DATE

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 121-8 TO B.M. 121-7
B.M. 121-8									B.M. 121-8
1	115	279	416 5	150 / 80 / 70	129	078	430 5	164 / 94 / 70	AVE. M & 40th ST. E.
									SEE F.B. 2868-14
2	152	489	453 5	185 / 119 / 66	152	311	453 5	185 / 117 / 68	
								180 / 110 / 70	138
3	131	910	432 5	165 / 97 / 68	145	859	446 5		
				136					208
4	112	650	413 5	146 / 78 / 68	138	723	439 5	172 / 104 / 68	RERUN
				204					J. MALDONADO
5	134	957	435 5	168 / 100 / 68	130	649	431 5	165 / 95 / 70	276
				272					
6	138	019	440 5	172 / 106 / 66	144	469	445 5	177 / 109 / 68	346
				340					
7	152	681	453 5	186 / 118 / 68	155	773	456 5	184 / 126 / 58	414
				406					
8	129	221	430 5	148 / 110 / 38	101	811	402 5	121 / 81 / 40	472
				474					512 ✓
				512 ✓					512 B.M. 121-7
B.M. 121-7	1068	206 ✓			1098	673 ✓		1024	AVE. M, 0.4 MI. W. OF 30th STE
					1068	206			SEE F.B. 2868-13
					30	467 ✓			

76P526B CE # 308 8/68

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403 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 82°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 9677
NOTES BY G.E. DREIER DATE 3-8-72 TIME 1455 ROD NO. 17BA-
INDEXED G.J. GALLI DATE MR 14 72 NOTES CHKD DATE
F.B. 2686 PG. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT 2nd RIGHT	FORESIGHT 2nd MIC.	FORESIGHT 2nd LEFT.	FORESIGHT 2nd STADIA	DESCRIPTION AND REMARKS
									FROM B.M.121-7 TO B.M.121-8
B.M.121-7									B.M.121-7
1	132	918	433 5	164 / 100 / 64	156	111	457 5	188 / 124 / 64	AVE. M 0.4 mi. E. of 30th ST. E
									SEE F.B. 2868-13
2	148	658	449 5	182 / 114 / 68 / 132	149	095	450 5	184 / 114 / 70 / 134	
3	156	212	457 5	190 / 122 / 68 / 200	150	817	451 5	184 / 116 / 68 / 202	2nd RERUN
									T. J. MALDONADO
4	145	241	446 5	178 / 112 / 66 / 266	143	196	444 5	176 / 110 / 66 / 268	
5	168	933	469 5	202 / 134 / 68 / 334	149	311	450 5	183 / 115 / 68 / 336	
6	165	181	466 5	200 / 130 / 70 / 404	149	574	450 5	184 / 114 / 70 / 406	
7	152	391	453 5	185 / 119 / 66 / 470	149	910	450 5	182 / 116 / 66 / 472	
8	141	699	442 5	159 / 123 / 36 / 506	133	316	434 5	151 / 115 / 36 / 508	
								506	B.M.121-8
M.121-8								1014	AVE. M AND 40th ST. E.
	1211	233			1181	330			SEE F.B. 2868-14
	1181	330							
	+29	893 / 903							

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2868 PG. 214 JOB NO 0301.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES DREIER 3-8-72

INDEXED C. J. GALLI DATE

INST. NO 9671 ROD NO 17324

WEATHER CLEAR 84° TIME 2:30 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT 2nd RERUN RIGHT	FORESIGHT 2nd RERUN MIC.	FORESIGHT 2nd RERUN LEFT.		FORESIGHT 2nd RERUN STADIA		DESCRIPTION AND REMARKS
													FROM B.M.121-8 TO B.M.121-7
B.M.121-8													B.M.121-8
1	123	472	424	5	158 88	70	134	321	435	5	169 99	70	AVE. M & 40th ST. E.
													SEE F.B. 2868-14
2	146	869	447	5	181 111	70	149	581	450	5	184 114	70	
						140					176	140	2nd RERUN
3	126	872	427	5	160 92	68	142	381	443	5	108	68	T. J. MALDONADO
					149	208					172	208	
4	114	359	415	5	79	70	138	318	439	5	104	68	
						278						276	
5	138	586	439	5	172 104	68	132	908	433	5	167 97	70	
					168	346					175	346	
6	134	060	435	5	100	68	140	569	441	5	105	70	
					182	414						416	
7	145	042	446	5	108	74	158	101	459	5	192 124	68	
					152	488						484	
8	141	941	442	5	130	22	105	167	406	5	118 92	26	
						510						510	
B.M.121-7												510	B.M.121-7
	1071	195					1101	346				1020	AVE. M & 0.4 MI. E. OF 30th ST.
							1071	195					SEE F.B. 2686-13
							30	151					

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 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. 121-8 TO B.M. 121-9
M. 121-8									B.M. 121-8
1	137	377	438 5	168 106 62	150	601	451 5	181 119 62	AVE. M. & 40TH ST. E.
									SEE F.B. 2868-14
2	152	150	453 5	184 120 64	147	509	448 5	178 116 62	
				126				124	
3	152	558	453 5	185 119 66	151	973	452 5	183 119 64	
				192				188	
4	152	265	453 5	184 120 64	156	162	457 5	189 123 66	
				256				254	⊼ = MALDONADO
5	146	753	447 5	178 114 64	149	767	450 5	181 117 64	
				320				318	
6	147	556	448 5	182 112 70	129	907	430 5	165 93 72	
				390				390	
M. 121-9								390	B.M. 121-9
	888	659			885	919		780	AVE. M. ABOUT 0.5 MI. E. OF 40TH ST. E.
	885	919							SEE F.B. 2868-15
+	2	740							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 74°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 2-29-72
INDEXED C. J. GALLI DATE MAR 14 72
WEATHER OVERCAST WINDY INST. NO 9671
TIME 11:30 TO 12:00 ROD NO 1713 A
NOTES CHKD DATE

F.B. 2868 PG. 215

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2868 Pg. 216 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY C.J. GALLI NOTES SIEMANN 3-3-72

INDEXED DATE

T= 66°

WEATHER WINDY, SUNNY INST. NO. 8671

TIME 10:20 TO 10:40 ROD NO. 1113A

NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 121 - 9 TO B.M. 121 - 8
B.M. 121 - 9													B.M. 121 - 9
1	124	711	425	5	163 85	78	149	982	450	5	186 112	74	AVE. M 0.5 MI. E. OF 40TH ST. E.
													SEE F.B. 2868 - 15
2	153	737	454	5	189 117	72	147	264	448	5	182 112	70	
						150						144	
3	161	031	462	5	198 124	74	150	038	451	5	186 114	72	
					181	224					188	216	
4	148	487	449	5	115	66	151	937	452	5	114	74	T = MALDONADO
					180	290						290	
5	148	367	449	5	116	64	153	722	454	5	186 120	66	
						354						356	
6	152	528	453	5	169 135	34	138	735	439	5	157 119	38	
						388	/					394	/
B.M. 121 - 8												388	B.M. 121 - 8
	888	861	/				891	678	/			782	AVE. M & 40TH ST. E.
							888	861					SEE F.B. 2868 - 14
							-	2817	/				

76P526B CE # 308 8/68

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403 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 T-60°
SURVEY BY G. E. Dreier
NOTES BY M. Maldonado DATE 2-29-72 TIME 1:25 PM 1:50 ROD NO. 1/3148
INDEXED G. J. GALLI DATE 1-4-72 NOTES CHKD DATE
WEATHER Hazy Sun & Wind INST. NO. 9671
F.B. 2868 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 121-9 TO BBM 120-2
BM 121-9					190						170		BM 121-9
1	151	465	452	5	112	78	131	629	432	5	92	78	Ave. "M" ℄ 0.5 mi E of 40th St. E.
					193						163		See F.B. 2868-15
2	157	310	458	5	121	72	128	821	429	5	93	70	
					187	150					153	148	
3	152	220	453	5	117	70	118	350	419	5	83	70	T-Siemann
					196	220					163	218	
4	160	875	461	5	124	72	127	680	428	5	91	72	
					185	292					159	290	
5	148	214	499	5	111	74	123	959	424	5	87	72	
		361			211	366					154	362	
6	178	405	479	5	145	66	120	900	421	5	86	68	/
						438						430	
												432	/
	948	445	/				751	839				862	BM 120-2
	751	839						5					Ave. "M" ℄ 50th St. E S.E. Cor.
BM 120-2	+197	1.06	/										See F.B. 2867-8

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2868 PG. 218
SURVEY OF A. Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 3-3-72
INDEXED C. J. GALLI DATE
JOB NO 0301.02
T-64°
WEATHER Hazy & Windy INST. NO. 962
TIME 9:50 to 10:05 ROD NO. 1213
NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 120-2 TO BM 121-9
BM 120-2					156						218		BM 120-2
1	113	268	414	5	70	86	175	860	476	5	132	86	Ave. "M" & 50th St. E. S.E. Cor
					187						209		See F.B. 2867-8
2	146	450	447	5	105	82	169	000	470	5	129	80	
					172	168					222	166	
3	128	571	429	5	84	88	179	999	480	5	136	86	T-Siemann
					184	256					221	252	
4	143	919	474	5	102	82	181	690	482	5	141	80	
					209	338					235	332	
5	161	260	462	5	113	96	184	029	485	5	133	102	
						434						434	✓
												434	
	693	468	✓				890	578	✓			868	✓
							693	468					
							197	110	✓				
BM 121-9													BM 121-9
													Ave. "M" 0.5 mi. E. of 40th St. E.
													See F.B. 2868-15

76P526B CE # 308 8/68

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403 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 120-2 TO BM 121-10
BM 120-2					110						189		BM 120-2
1	75	970	376	5	40	70	153	330	454	5	117	72	Ave. "M" & 50th St. E. S.E. Cor.
					209						174		See F.B. 2867-8
2	173	162	474	5	137	72	138	360	439	5	102	72	
					205	142					175	144	
3	170	941	471	5	135	70	141	791	442	5	107	68	T-Siemann
					212	212					188	212	
4	177	991	478	5	141	71	153	684	454	5	118	70	
					213	283					179	282	
5	178	767	479	5	143	70	146	910	447	5	113	66	
					172	353	7				115	348	
6	166	000	467	5	160	12	108	938	408	5	99	16	
						365						364	
												365	
	942	831					842	013				729	BM 121-10
	842	013											Ave. "M" & 0.5 mi. E. of 50th St. E.
BM 121-10	+100	818											See F.B. 2868-16

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-60°

SURVEY BY G.E. Dreier WEATHER Hazy Sun & Wind INST. NO. 967

NOTES BY Maldonado DATE 2-29-72 TIME 1:55 to 2:20 ROD NO. 1713A

INDEXED C. J. GALLI DATE MAR 14 '72 NOTES CHKD DATE

F.B. 2868 PG. 219

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2868 PG. 220 JOB NO 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 3-7-72
INDEXED G. J. GALLI DATE
T-84°
WEATHER Sunny & Calm INST. NO 562
TIME 9:55-4:10:10 ROD NO 1737
NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 121-10 TO BM 120-2
BM 121-10					119						211		BM 121-10
1	795	540	380	5	31	88	167	700	468	5	123	88	Ave. "M" & 0.5 mi. E. of 50th St. E
					176						222		See F.B. 2868-16
2	136	405	437	5	96	80	183	631	484	5	144	78	
					177	168					208	166	
3	138	369	439	5	99	78	169	749	470	5	130	78	K-Siemann
					182	246					140	244	
4	151	101	452	5	120	62	160	471	461	5	130	60	
					176	308					103	309	
5	157	980	458	5	138	38	82	971	383	5	61	42	
						346 ✓						346 ✓	
8												346	
	663	395 ✓					764	522 ✓				692 ✓	
							663	395					
							101	127 ✓					
BM 120-2													BM 120-2
													Ave. "M" & 50th St. E S.E. Cor
													See F.B. 2868-8

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.120-2 TO BM.121-10
B.M.12									B.M.120-2
1	87	088	388 5	130 44 86	156	687	457 5	199 113 86	50th ST. E. & AVE. M
									SEE F.B. 2867-8
2	174	826	475 5	209 139 70	143	901	444 5	177 109 68	
				156				154	
3	175	619	476 5	210 140 70	134	099	435 5	169 99 70	RERUN
				226				224	R. SIEMANN
4	173	533	474 5	208 138 70	159	021	460 5	193 125 68	
				296				292	
5	162	895	463 5	184 140 44	79	110	380 5	102 56 46	
				340				338	
B.M.121-10								340	B.M.121-10
	773	961			672	818		678	AVE. M, 0.5 MI. E. OF 50th ST. E.
	672	818							SEE F.B. 2868-16
	+101	153 4							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 71°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 3-9-72 WEATHER CLEAR INST. NO. 9671
INDEXED E. J. GALLY DATE MAR 14 72 TIME 9:55 ROD NO. 1713A-
NOTES CHKD. DATE

F.B. 2868 PG. 221

F.B. 2868 Pg. 222 JOB NO. 0301.02

SURVEY OF L.A.Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T-62°
SURVEY BY G.E. Dreser
NOTES BY Maldonado DATE 2-30-72 WEATHER Sunny & Calm INST. NO 9671
INDEXED R. J. GALLY DATE MAR 14 '72 TIME 9:55 to 10:25 ROD NO 1713A
NOTES CHKD DATE
F.B. 2868 PG. 22

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 121-10 TO BM 121-11
BM 121-10					167						179		BM 121-10
1	124	161	425	5	81	86	136	782	437	5	93	86	Ave. "M" & 0.5 mi. E. of 50th St. E
					203						181		See F.B. 2868-16
2	166	326	467	5	129	74	144	111	445	5	107	74	
					189	160					170	160	
3	156	843	457	5	123	66	137	389	438	5	104	66	
					190	226					186	226	⊼ - Siemann
4	159	059	460	5	128	62	156	873	457	5	126	60	
					225	288					183	286	
5	195	479	496	5	165	60	153	069	454	5	123	60	
					206	348					183	346	
6	176	846	477	5	146	60	153	180	454	5	123	60	
			5		255	408					236	406	
7	222	467	423	5	189	66	202	000	503	5	168	68	
						474						474	
												474	
	1201	181					1083	404				948	
	1083	404											
	+117	777											BM 121-11
													Ave. "M" & 60th St. E N.W. COR
BM 121-11													See F.B. 2868-17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 121-11 TO BM 121-10
BM 121-11					127						149		BM 121-11
1	119	990	420	5	111	16	138	703	439	5	127	22	Ave. "M" & 60th St. E
					206						207		See F.B. 2868-17
2	167	691	468	5	128	78	172	479	473	5	137	70	
					186	94					225	92	
3	146	960	447	5	106	80	185	790	486	5	145	80	T-Siemann
					171	174					210	172	
4	130	601	431	5	89	82	168	371	469	5	126	84	
					194	256					223	256	
5	153	953	454	5	112	82	183	440	484	5	143	80	
					193	338					188	336	
6	153	801	454	5	113	80	147	660	448	5	106	82	
					144	418					139	418	
7	116	991	417	5	88	56	111	745	412	5	83	56	
						474						474	
												474	
	989	987					1108	188				948	
							989	987					
							118	201					BM 121-10
BM 121-10													Ave "M" & 0.5 mi. East of 50th St. E.
													See F.B. 2868-16

F.B. 2868 PG. 224 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-6-72

INDEXED J. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 9671

TIME 2:20 to 2:55 ROD NO. 1713A

NOTES CHKD DATE

T-90

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 750
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 3-9-72 WEATHER CLEAR INST. NO 96716
INDEXED C. J. GALLY DATE MAR 14 72 TIME 10:10 ROD NO 1713A
NOTES CHKD DATE
F.B. 2868 PG. 225

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 121-10 TO B.M. 121-11
B.M. 121-10													B.M. 121-10
1	112	317	413	5	147 77	70	114	890	415	5	149 79	70	AVE. M & 0.5 MI. E. OF 50th ST. E.
													SEE F.B. 2868-16
2	142	746	443	5	179 105	74	154	381	455	5	191 117	74	
						144						144	
3	196	692	497	5	230 162	68	168	831	469	5	202 134	68	RERUN
						212						212	⊼ R. SIEMANN
4	181	399	482	5	218 144	74	160	298	461	5	195 125	70	
						286						282	
5	194	621	495	5	229 159	70	154	435	455	5	189 119	70	
						356						352	
6	179	621	480	5	214 144	70	147	595	448	5	181 113	68	
						426						420	
7	137	472	438	5	162 112	50	154	987	455	5	179 129	50	
						476						470	
8	152	904	453	5	154 150	4	124	430	425	5	129 119	10	
						480						480	
B.M. 121-11												480	B.M. 121-11
	1299	772					1179	847				960	AVE. M & 60th ST. E.
	1179	847											SEE F.B. 2868-17
	+117	925											

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 9671
ROD NO. 17138
DATE
NOTES CHKD
WEATHER CLEAR
TIME 10:45
73

F.B. 2868 PG. 226
JOB NO. 030102
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 3-9-72
INDEXED G. J. GALLI DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 121-11 TO B.M. 121-10
B.M. 121-11													B.M. 121-11
1	120	595	421	5	127 113	14	143	020	444	5	150 136	14	AVE. M & 60TH ST. E.
													SEE F.B. 2868-17
2	152	782	453	5	178 126	52	151	240	452	5	176 126	50	
						66						64	
3	151	260	452	5	184 118	66	165	461	466	5	198 132	66	RERUN
						132						130	
4	126	163	427	5	161 91	70	178	021	479	5	212 144	68	AT R. SIEMANN
						202						198	
5	172	592	473	5	207 137	70	197	040	498	5	232 162	70	
						272						268	
6	175	644	476	5	206 144	62	197	000	498	5	227 167	60	
						334						328	
7	165	220	466	5	195 135	60	164	126	465	5	174 174	60	
						394						388	
8	167	380	468	5	191 143	48	190	301	491	5	218 162	56	
						442						444	
B.M. 9	141	148	442	5	138 124	34	104	790	405	5	120 88	32	
						476						476	
B.M. 121-10												476	B.M. 121-10
	1372	784					1490	999				952	AVE. M 0.5 MI. E. OF 50TH ST. E.
							1372	784					SEE F.B. 2868-16
							118	215					

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T=
SURVEY BY G.E. DREFER WEATHER SUNNY INST. No 9671
NOTES BY SIEMANN DATE 3-1-72 TIME 10:30 TO ROD No 7134
INDEXED C.J. GAIN DATE MAR 1 & 72 NOTES CHKD DATE
F.B. 2868 PG. 22

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 121-11 TO B.M. 121-12A
M. 121-11													B.M. 121-11
1	92	727	393	5	121 63	58	178	823	479	5	209 147	62	AVE. M. & 60TH ST. E.
													SEE F.B. 2868-17
2	128	600	429	5	160 96	64	167	838	468	5	197 137	60	
						122					185 125	122	
3	132	843	433	5	162 102	60	155	549	456	5		60	
						182						182	
4	148	552	449	5	182 114	68	160	943	461	5	193 127	66	T = MALDONADO
						250						248	
5	143	900	444	5	176 110	66	154	082	455	5	186 122	64	
						316						312	
6	139	006	440	5	169 109	60	161	091	462	5	192 130	62	
						376						374	
7	135	577	436	5	150 120	30	167	114	468	5	183 151	32	
						406						406	
M. 121-12A												406	B.M. 121-12A (½ SEC. COR. 34-35)
	921	345					145	440				812	60TH ST. E. 0.5 MI. N. OF AVE. M.
							921	345					SEE F.B. 3716-127
						-	224	095					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 2868 PG. 228 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PREIER NOTES SIEMANN 3-6-72

INDEXED G.J. GALLI DATE

WEATHER SUNNY, WINDY INST. NO 967

TIME 1:50 T2 ROD NO 1713

NOTES CHKD DATE

T=92°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 121-12A TO B.M. 121-11
B.M. 121-12A													B.M. 121-12A (T7N R11W 34-35, 60TH ST. E. ABOUT 0.5 MI. N. OF AVE I
1	182	103	483	5	218 146	72	142	548	443	5	178 106	72	SEE F.B. 3716-127
2	166	311	467	5	202 130	72 / 144	145	883	446	5	181 109	72 / 144	
3	167	193	468	5	201 133	68 / 212	143	222	444	5	176 110	66 / 210	
4	146	499	447	5	181 111	70 / 282	137	229	438	5	171 101	70 / 280	T2 MALDONADO
5	171	081	472	5	207 135	72 / 354	132	349	433	5	167 98	70 / 350	
6	193	757	494	5	220 166	54 / 408	101	631	402	5	129 73	56 / 406	
B.M. 121-11												408	B.M. 121-11
	1026	944					802	862				814	AVE. M & 60TH ST. E.
	802	862											SEE F.B. 2868-17
	4224	082											

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 — T=
SURVEY BY G.E. DREIER — WEATHER Sunny — INST. NO 2874
NOTES BY SIEMANN — DATE 3-1-72 — TIME 10:55 TO 11:20 — ROD NO 1713
INDEXED C. J. GALLI — DATE MAR 14 '72 — NOTES CHKD — DATE
F.B. 2868 PG. 229

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 121-12A TO B.M. 121-13
B.M. 12H12A													B.M. 121-12A (½ SEC. COR 34-35)
1	155	671	456	5	188 / 122	66	183	397	484	5	216 / 150	66	60TH ST. E. 0.5 MI. N. OF AVE. M.
													SEE F.B. 3716-127
2	102	784	403	5	136 / 70	64	185	051	486	5	216 / 154	62	
						130						128	
3	102	404	403	5	132 / 72	60	181	191	482	5	211 / 151	60	
						190						188	
4	116	910	417	5	143 / 89	54	165	083	466	5	172 / 138	54	T = MALDONADO
						244						242	
5	110	017	411	5	140 / 80	60	162	483	463	5	192 / 132	60	
						304						302	
6	126	487	427	5	158 / 94	64	168	014	469	5	200 / 136	64	
						368						366	
7	129	587	430	5	149 / 109	40	141	088	442	5	162 / 120	42	
						408 ✓						408 ✓	
B.M. 121-13												408	B.M. 121-13
	843	860 ✓					1	863	07 ✓			816	60TH ST. E. & AVE. L
							843	860					SEE F.B. 2868-19
						−	342	447 ✓					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 121-13 TO B.M. 121-12 A
B.M. 121-13									B.M. 121-13
1	166	769	467 5	198 134 64	134	913	435 5	166 102 64	60TH ST. E. & AVE. L
									SEE F.B. 2868-19
2	180	549	481 5	214 146 68	132	353	433 5	168 96 72	
				132				136	
3	195	212	496 5	231 159 72	123	449	424 5	160 86 74	
				204				210	
4	196	820	497 5	232 160 72	111	466	412 5	147 75 72	π - MALDONADO
				276				282	
5	202	380	503 5	234 170 64	133	764	434 5	165 101 64	
				340				346	
6	198	212	499 5	231 165 66	161	567	462 5	191 131 60	
				406				406	
B.M. 121-12A								406	B.M. 121-12 A (1/4 SEC. COR. 34-35
	1139	942			797	512		812	60TH ST. E. 0.5 MI. N. OF AVE. M.
	797	512							SEE F.B. 3716-127
	+342	430							

F.B. 2868 PG. 230

JOB NO. 0301-02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-6-72

INDEXED C. J. GALLI DATE

T=92°

WEATHER SUNNY, WINDY INST. NO. 9671

TIME 1:20 TO 1:50 ROD NO. 17134

NOTES CHKD. DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 T-

SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 2671

NOTES BY SIEMANN DATE 3-1-72 TIME 11:25 TO ROD NO. 1713A

INDEXED C. J. GALLY DATE MAR 14 72 NOTES CHKD. DATE

F.B. 2868 PG. 231

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 121-13 TO B.M. 121-14
B.M. 121-13													B.M. 121-13
1	71	472	372	5	100 42	58	155	235	456	5	183 127	56	60TH ST. E. & AVE. L
													SEE F.B. 2868-19
2	164	701	465	5	190 138	52	166	879	467	5	192 140	52	
						110						108	
3	162	469	463	5	188 136	52	129	892	430	5	153 105	48	
						162						156	
4	56	561	357	5	71 41	30	225	892	526	5	240 210	30	π = MALDONADO
						192						186	
5	202	058	503	5	226 178	48	59	861	360	5	82 36	46	
						240						232	
6	152	131	453	5	176 128	48	150	389	451	5	178 122	56	
						288						288	
7	160	737	461	5	188 132	56	96	881	397	5	122 70	52	
						344						340	
8	114	038	415	5	140 88	52	87	864	388	5	112 62	50	
						396						390	
9	114	996	415	5	129 99	30	121	200	422	5	139 103	36	
						426						426	
B.M. 121-14												426	B.M. 121-14 (1/4 SEC. COR. 26-35)
	1199	163					1194	093				852	AVE. L 0.5 MI. E. OF 60TH ST. E.
	1194	093											SEE F.B. 2868-20
	+ 5	070											

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LOS ANGELES COUNTY ENGINEER
403 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. 2868 PG. 232 JOB NO 0301.02
SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY PRECISE NOTES SIEMANN 3-6-72
INDEXED C. J. GALLI DATE
WEATHER SUNNY, HOT INST. NO 562
TIME 11:20 TO 12:00 ROD NO 212
NOTES CHKD DATE
T=90°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 121-14 TO B.M. 121-13
B.M. 121-14													B.M. 121-14 (4 COR. 26-35)
1	167	959	468	5	200 134	66	191	352	492	5	223 159	64	AVE. L 0.5 MI. E. OF 60TH ST. E.
													SEE F.B. 2868-20
2	127	413	428	5	162 92	70	205	812	504	5	237 169	68	
					136							132	
3	164	617	465	5	148 130	68	129	512	430	5	161 97	64	
					204							196	
4	20	412	321	5	34 6	28	211	633	512	5	228 194	34	
					232							230	T = MALDONADO
5	202	161	503	5	217 187	30	35	640	336	5	51 19	32	
					262							262	
6	156	936	457	5	190 122	68	130	233	431	5	165 95	70	
					330							332	
7	149	681	450	5	180 118	62	171	843	472	5	202 140	62	
					392							394	
8	160	847	461	5	178 142	36	80	722	381	5	97 63	34	
					428							428	
B.M. 121-13												428	B.M. 121-13
	1150026						1164747					056	AVE. L & 60TH ST. E.
							1150026						SEE F.B. 2868-19
							4721						

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 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 81°
SURVEY BY G.E. DREIER WEATHER CLEAR
NOTES BY G.E. DREIER DATE 3-9-72 TIME 11:40 INST. NO. 2674
INDEXED E. J. GALLI DATE MAR 14 72 NOTES CHKD DATE ROD NO. 7734
F.B. 2868 PG. 233

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 121-13 TO B.M. 121-14
B.M. 121-13									B.M. 121-13
1	75	190	376 5	96 54 42	152	822	453 5	173 131 42	AVE. L & 60th ST. E
									SEE F.B. 2868-19
2	178	294	479 5	210 146 64	156	649	457 5	187 125 62	
				163 106				170 104	RERUN
3	131	815	432 5	99 64	140	443	441 5	110 60	T. J. MALDONADO
				47 170				214 164	
4	35	772	336 5	23 24	201	876	502 5	187 27	
				234 194				69 191	
5	213	943	514 5	192 42	46	738	342 5	23 46	
				153 336				200 237	
6	123	298	424 5	93 60	169	574	470 5	138 62	
				252 396		34		183 199	
7	220	612	521 5	188 64	151	459	452 5	119 64	
				360		61		363	
8	212	733	513 5	241 183 58	167	329	468 5	191 137 60	
				418				423	
B.M. 121-14								418	B.M. 121-14
	1191	637			1186	790		1841	AVE. L & 65th ST. E.
	1186	790			1191	637		8	SEE F.B. 2868-20
	+ 4	847			+ 5	153			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. _____
ROD NO. _____
DATE _____
WEATHER _____
TIME _____
NOTES CHKD _____

F.B. 2868 Pg. 234
JOB NO 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY _____ NOTES _____
INDEXED _____ DATE _____

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

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T-78'
SURVEY BY G.E. Dreier DATE 2-28-72 WEATHER Sunny INST. NO. 2674
NOTES BY Maldonado TIME 1:25 to 4:55 ROD NO. 7783 A.E.
INDEXED C. J. GALE DATE MAR 14 72 NOTES CHKD DATE
F.B. 2868 PG. 235

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 121-14 TO BM 121-15A
B.M. 121-14					138						143		BM 121-14 (¼ Sec. Cor. 26-35)
1	107	080	408	5	76	62	113	439	414	5	83	60	Ave. "L" 0.5 mi. E. of 60th St. E
					193						193		See F.B. 2868-20
2	163	591	464	5	133	60	165	326	466	5	137	56	
					191	122	147				180	116	
3	162	868	463	5	133	58	133	500	448	5	114	66	T-Siemann
					195	180					190	182	
4	159	326	460	5	123	72	155	348	456	5	120	70	
					193	252					181	252	
5	157	171	458	5	121	72	146	278	447	5	111	70	
					208	324					209	322	
6	172	511	473	5	136	72	171	107	472	5	133	76	
					179	396					208	398	
7	172	831	473	5	165	14	201	260	502	5	194	14	
						410	✓					412	✓
								0				410	
	1095	378	✓				1105	258	✓			822	✓
							1095	378					BM 121-15A (Sec. Cor. 25, 26, 35, 36, T 7N
B.M. 121-15A							04	880	✓				Ave. "L" & 70th St. E. Elev. R 11 W)
													See F.B. 3716-133

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 2868 PG. 236 JOB NO 0301.02

SURVEY OF L.A.Co. Precise Lev. Net

SURVEY BY Dreier NOTES Maldonado 3-6-72

INDEXED C. J. CALL DATE

WEATHER Sunny & Calm INST. NO 967

TIME 11:00 to 11:25 ROD NO 2134

NOTES CHKD DATE

T = 86°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 121-15A TO BM 121-14
BM 121-15A					232						211		BM 121-15A (T-7N R11W Sec. Cor. 25, 2
1	192	489	493	5	152	80	172	710	473	5	133	78	Ave "L" & 70th St. E 354'
					190						193		See F.B. 3716-133
2	150	751	451	5	110	80	153	051	454	5	113	80	
					194	160					214	158	
3	154	353	455	5	114	80	173	699	474	5	132	82	T - Siemann
					196	240					200	240	
4	153	998	456	5	114	82	159	282	460	5	118	82	
					181	322					171	322	
5	136	253	437	5	91	90	126	222	427	5	81	90	
						412						412'	
												412	
	789844						784964					824'	
	784964												
	+ 4880												
													BM 121-14 (¼ Sec Cor. 26-35)
BM 121-14													Ave "L" & 0.5 mi. East of 60th St. E
													See F.B. 2868-20

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T-7P°
SURVEY BY: E. Dreier & Malderazo DATE: 3-30-72 WEATHER: Sunny & Calm INST. NO. 8671
NOTES BY: DATE: TIME: 1:35 to 2:15 ROD NO. 7134
INDEXED: C. J. GALL DATE: MAR 14 72 NOTES CHKD: DATE:
F.B. 2868 PG. 237

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSTADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESTADIA		DESCRIPTION AND REMARKS
													FROM BM 121-15A TO BM 121-16A
BM 121-15A	2	3			245						126		BM 121-15A (Sec. COR. 25,26,35,36 T7N,
1	210	202	5-11	5	175	70	93	739	394	5	60	66	Ave "L" & 70th St. E & Int. R/W)
					157						190		See F.B. 3716-133
2	123	340	424	5	89	68	156	548	457	5	122	68	
					230	138					221	134	
3	195	451	496	5	160	70	187	479	488	5	153	68	T-Sremonn
					197	208					192	202	
4	163	980	464	5	129	68	155	609	456	5	118	74	
					196	276					187	276	
5	164	188	465	5	132	64	156	780	457	5	125	62	
					200	340					135	338	
6	181	491	482	5	162	38	116	982	417	5	97	58	
						378						376	
												378	
	1038	652					866	732				754	BM 121-16A
	868	732					7						Ave "L" & 75th St. E
	+171	520											See F.B. 3716-123
BM 121-16A	0												

PLEASE RETURN TO

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403 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 121-16A TO BM 121-15A
Bm. 121-16A									BM 121-16A
1	98	980	399 5	138 58 80	161	621	462 5	202 120 82	Ave "L" & 75th St. E.
									See F.B. 3716-~~123~~ 135
2	143	640	444 5	183 103 80	170	560	471 5	210 130 80	
				160				162	⊼ R. SIEMANN
3	155	262	456 5	196 114 82	156	416	457 5	196 116 80	
				242				242	
4	139	190	440 5	179 100 79	165	575	466 5	205 126 79	
				321				321	
5	146	440	447 5	174 118 56	201	020	502 5	229 173 56	
				377				377	
Bm. 121-15A								377	Bm. 121-15A
	683	512			855	192		754	Ave L & 70th ST. E.
					683	512			SEE F.B. 3716-133
					171	680			

F.B. 2868 PG. 238

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-6-72

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

T-84°

WEATHER CLEAR

TIME 10:35

NOTES CHKD

INST. NO. 967

ROD NO. 1713A

DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 BM121-16A TO BM121-16B
BM121-16A					171						52		BM121-16A
1	166	820	467	5	161	10	47	330	348	5	42	10	Ave. "L" & 75th St. E
	47	330										10	See F.B 3716-~~123~~ 135
	+119	490										20	π-Siemann
													BM121-16B (Bt. SPK. in Stand Pipe)
													Ave. "L" & 75th St. E
M121-16B													See F.B 3716-135

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-780

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-30-72 WEATHER TIME 2:15 to 2:20 INST. NO. 96716

INDEXED C. J. GALLY DATE MAR 14 72 NOTES CHKD. ROD NO. 1713A6 DATE

F.B. 2868 PG. 239

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 2868 PG. 240

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Mallonado 3-6-72

INDEXED E.J. GALLI DATE

JOB NO. 0301.02

T = 84°

WEATHER CLEAR

TIME 10:30

NOTES CHKD

DATE

INST. NO. 967

ROD NO. 17M

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	FROM BM 121-16 B TO BM 121-16 A
BM 121-16B													BM 121-16B (BT. SPK. in Stand Pipe)
						65						184	AVE. L 0.5 MI. E. OF 70th ST. E
1	58		209	359	5	51 14	177		711	478	5	170 14	SEE F.B. 3716-135
							58		209			14	
												28	/
B.M. 121-16A							119		502	/			B.M. 121-16A
													AVE L 0.5 MI. E. OF 70th ST. E
													SEE F.B. 3716-135

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED IN K, 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 T-78°
SURVEY BY G.E. Dreier 3-30-72 WEATHER Sunny & Calm INST. NO. 96 71
NOTES BY Maldonado DATE 3-30-72 TIME 2:20 to 2:45 ROD NO. 7134
INDEXED E. J. GALIK DATE MAR 14 72 NOTES CHKD DATE
F.B. 2868 PG. 24

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
					74						166		FROM BM 121-16B TO BM 121-17
BM 121-16B													BM 121-16B (Iron SPK in Stand Pipe)
1	56	425	357	5	38	36	149	401	450	5	132	34	Ave "L" & 75th St. E
					23.1						173		
2	195	459	496	5	159	72	137	580	438	5	101	72	See F.B. ~~2868-23~~ 3716-135
					187	108					156	106	
3	151	513	452	5	115	72	121	270	422	5	86	70	T-Siemann
					206	180					168	176	
4	169	520	470	5	132	74	133	925	434	5	98	70	
					268	254					141	246	
5	232	571	533	5	196	72	106	511	407	5	71	70	
					189	326			5		274	316	
6	153	320	454	5	117	72	233	261	434	5	192	82	
					245	398					69	398	
7	220	741	521	5	195	50	44	149	345	5	19	50	
						448						448	/
												448	
	1179	549	/				926	097	/			896	/
	926	097											BM 121-17
BM 121-17	+253	452	/										Ave "L" & 80th St. E
													See F.B. 2868-23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 2671 ROD NO. 1734 DATE

WEATHER Clear TIME 10:00 NOTES CHKD

T-

F.B. 2868 Pg. 242 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Modified 5-6-72

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 121-17 TO BM 121-16B
BM 121-17													BM 121-17
1	16	609	317	5	61 ½ 16	90	122	342	423	5	167 77	90	Ave "L" & 80th St. E.
	+6												See F.B. 2868-23
2	163	260	464	5	202 124	78	207	245	508	5	247 167	80	
						168						170	
3	74	700	375	5	114 34	80	164	685	465	5	205 123	82	R. SIEMANN
						248						252	
4	107	068	408	5	147 67	80	146	390	447	5	186 106	X80	
						328						332	
5	136	631	437	5	167 105	62	182	934	483	5	219 157	62	
						390						394	
6	130	400	431	5	158 102	56	58	011	359	5	184 ½ 58	52	
						446						446	
B.M. 121-16B												446	B.M. 121-16B
	628	668	1				881	607	1			892	Ave L, 0.5mi. E. of 70th St. E
							628	668					S.E. F.B. 3716-135
							252	939	1				

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 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 80°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96-71
NOTES BY G.E. DREIER DATE 3-9-72 TIME 1:30 ROD NO. 1713A-
INDEXED C. J. GALLI DATE MAR 14 '72 NOTES CHKD DATE
F.B. 2868 PG. 243

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M.121-16B TO B.M.121-17
B.M.121-16B													B.M. 121-16B
1	47	438	348	5	62 / 32	30	145	629	446	5	160 / 130	30	AVE. L & 75th ST.E
													SEE F.B. 3716-135
2	192	459	493	5	226 / 158	68	134	882	435	5	169 / 99	70	
						98						100	
3	157	878	458	5	191 / 123	68	141	345	442	5	175 / 107	68	RERUN
						166						168	
4	192	449	493	5	226 / 158	68	148	292	449	5	184 / 112	72	
						234						240	
5	242	849	543	5	277 / 207	70	121	080	422	5	155 / 87	68	
						304						308	
6	199	562	500	5	233 / 165	68	238	770	539	5	270 / 206	64	
						372						372	
7	135	409	436	5	161 / 109	52	99	769	400	5	123 / 75	48	
						424						420	
8	174	420	475	5	189 / 161	26	59	609	360	5	74 / 44	30	
						450						450	
B.M.121-17												450	B.M. 121-17
	1342	464					1089	376				900	AVE. L & 80th ST.E
	1089	376											SEE F.B. 2868-23
	253	088											

F.B. 2868 PG. 244 JOB NO. 030102

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T = 70°
SURVEY BY G. E. DREIER WEATHER SUNNY INST. NO 9676
NOTES BY SIEMANN DATE 3-2-72 TIME 10:10 TO 10:30 ROD NO. 17134
INDEXED C. J. GALLY DATE MAR 14 72 NOTES CHKD DATE
F.B. 2868 PG 245

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.121-17 TO B.M.121-18
B.M.121-17									B.M. 121-17
1	69	462	370 5	106 32 74	91	228	392 5	128 54 74	AVEL & 80TH ST. E.
									SEE F.B. 2868-23
2	186	138	487 5	222 150 72	114	809	415 5	148 80 68	
				146				142	
3	159	613	460 5	196 122 74	145	258	446 5	184 106 78	
				220				220	
4	178	428	479 5	214 142 72	146	303	447 5	182 110 72	π = MALDONADO
				292				292	
5	146	017	447 5	182 110 72	129	197	430 5	165 93 72	
				364				364	
6	174	346	475 5	195 153 42	106	777	407 5	127 85 42	
				406				406	
B.M.121-18								406	B.M. 121-18
	914	004			733	572		812	AVE. L. 0.5 MI. E. OF 80TH ST. E.
	733	572							SEE F.B. 2868-24
+	180	432							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 2868 Pg. 246 JOB NO 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DEEER NOTES SIEMANN 3-2-72

INDEXED C.J. GALL DATE

NOTES CHKD DATE

WEATHER WINDY, SUNNY T= 74° INST. NO 967

TIME 2:15 TO 2:40 ROD NOS 424

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 121-18 TO B.M. 121-17
B.M. 121-18					122						210		B.M. 121-18
1	86	207	387	5	50	72	171	538	472	5	132	78	AVE. L 0.5 MI. E. OF 80TH ST. E
					184						182		SEE F.B. 2868-24
2	149	305	450	5	114	70	149	007	450	5	116	66	
					167	142					206	144	
3	128	023	429	5	93	70	173	403	474	5	140	66	
					186	212					205	210	
4	151	938	452	5	116	70	170	899	471	5	135	70	T = MALDONADO
					165	282					272	280	
5	130	108	431	5	95	70	239	355	540	5	206	66	
					177	352					102	346	
6	149	367	450	5	121	56	71	420	372	5	40	62	
						408						408	
B.M. 121-17												408	B.M. 121-17
	794	949					975	622				816	AVE. L & 80TH ST. E.
							794	949					SEE F.B. 2868-23
							180	673					

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 G.E. DREIER
NOTES BY SIEMANN DATE 3-2-72
INDEXED C. J. GALLY DATE MAR 14 72
WEATHER SUNNY T=68°
TIME 10:40 TO 11:10
NOTES CHKD
INST. NO. 9676
ROD NO. 1713A
DATE
F.B. 2868 PG. 247

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 121-18 TO B.M. 107-20
B.M. 121-18	4												B.M. 121-18
1	101	608	402	5	133 / 69	64	185	202	486	5	218 / 152	66	AVE. L 0.5 MI. E. OF 80TH ST. E.
													SEE F.B. 2868-24
2	187	262	488	5	220 / 154	66	115	380	416	5	146 / 84	62	
						130						128	
3	207	710	508	5	239 / 175	64	73	950	374	5	105 / 41	64	
						194						192	
4	233	401	534	5	264 / 202	62	140	627	441	5	170 / 110	60	T = MALDONADO
						256						252	
5	97	800	398	5	129 / 65	64	75	948	376	5	106 / 44	62	
						320						314	
6	82	908	383	5	112 / 52	60	129	779	430	5	159 / 99	60	
						380						374	
7	163	547	464	5	169 / 157	12	174	493	475	5	183 / 165	18	
						392						392	
B.M. 107-20												392	B.M. 107-20
	1074	296					895	379				784	AVE L & 90TH ST. E.
	895	379											SEE F.B. 2840-28
	+178	917											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 107-20 TO B.M. 121-18
B.M. 107-20													B.M. 107-20
1	160	048	461	5	184 136	48	161	200	462	5	185 137	48	90TH ST. E. & AVE. L
													SEE F.B. 2840-28
2	200	703	501	5	233 167	66	217	669	518	5	251 183	68	
						114						116	
3	223	160	524	5	258 188	70	207	420	508	5	241 173	68	
						184						184	
4	44	191	345	5	78 10	68	212	359	513	5	246 178	68	π = MALDONADO
						252						252	
5	100	655	401	5	134 66	68	185	972	486	5	218 152	66	
						320						308	
6	140	231	441	5	173 107	66	155	538	456	5	187 123	64	
						386						382	
7	192	111	493	5	196 188	8	99	888	400	5	105 93	12	
						394						394	
B.M. 121-18												394	B.M. 121-18
	1061	099					1240	046				788	AVE. L 0.5 MI. E. OF 80TH ST. E.
							1061	099					SEE F.B. 2868-24
							178	947					

F.B. 2868 PG. 248

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-2-72

INDEXED D. J. GALLI DATE

WEATHER WINDY, SUNNY INST. NO. 9671

TIME 1:45 TO 2:10 ROD NO. 1713A

NOTES CHKD. DATE

T = 74°

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T-76°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-2-72 WEATHER Hazy-Lt Clouds INST. NO 9671
INDEXED C. J. GALLY DATE MAR 1 4 72 TIME 11:15 to 11:35 ROD NO 1713A
NOTES CHKD DATE
F.B. 2868 PG. 249

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM107-20 TO BM107-21
BM107-20					191						174		BM107-20
1	163	200	464	5	135	56	147	000	448	5	120	54	90th St E & Ave. "L" S.W. COR.
					178		3				216		See F.B. 2840-28
2	144	090	445	5	110	68	184	900	484	5	150	66	
					157	124					217	120	
3	121	456	422	5	85	72	179	565	480	5	141	76	X-Siemann
					184	196					240	196	
4	149	999	450	5	114	70	205	270	506	5	170	70	
					173	266					235	266	
5	134	922	435	5	95	78	197	245	498	5	159	76	
					178	344					217	342	
6	143	860	444	5	108	70	181	641	482	5	145	72	
						414						414	
												414	
	857	527					1094	621				828	BM107-21
BM107-21							857	527					90th St. E. & 0.5 mi. So. of Ave. "K"
							237	094					See F.B. 2840-29

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 2868 PG. 250 JOB NO. 0301.02

SURVEY OF L.A.Co. Recs. Level Net

SURVEY BY Dreier NOTES Mislow Rad 3-2-72

INDEXED G. J. GALLI DATE

T-76'

WEATHER Hazy Sunlit Clouds INST. NO. 967

TIME 11:25 To 12:00 ROD NO. 27334

NOTES CHKD. DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 107-21 TO BM 107-20
BM 107-21					219						176		BM 107-21
1	181	401	482	5	143	76	139	328	440	5	102	74	90th St. E. & 0.5 mi. So. of Ave. K
					238						174		See F.B. 2840-29
2	198	350	499	5	158	80	134	230	435	5	94	80	
	3				253	156					196	154	
3	214	889	514	5	173	80	157	699	458	5	118	78	K-Siemann
					233	236					166	232	
4	193	761	494	5	153	80	129	788	430	5	92	74	
					217	316					207	306	
5	181	388	482	5	145	72	166	011	467	5	125	82	
					187	388					190	388	
6	173	476	474	5	159	28	177	652	478	5	164	26	
						416						414	
												416	
	1142	265					904	708				830	BM 107-20
	904	708											90th St. E. & Ave. L S.W. Cor.
BM 107-20	237	557											See F.B. 2840-28

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-2-72

INDEXED C. J. GALLI DATE JAN 14 72

WEATHER Sunny & Breezy INST. NO 96716

TIME 1:15 to 1:40 ROD NO 171398

NOTES CHKD. DATE

T-80°

F.B. 2868 PG. 251

STATION	BACKSIGHT Re-Run RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS FROM BM 107-21 TO BM 107-20
BM 107-21					209						184		BM 107-21
1	179	483	480	5	149	60	154	850	455	5	124	60	90th St. E & 05 mi. So. of Ave "K"
					239						121		See F.B. 2840-29
2	202	231	503	5	165	74	135	420	436	5	99	72	
					246	134					176	132	
3	208	342	509	5	170	76	138	256	439	5	100	76	X-Siemann
					204	210					159	208	
4	166	330	467	5	128	76	121	111	422	5	83	76	Re-Run
					224	286					181	284	
5	188	932	489	5	152	72	145	999	446	5	109	72	
					201	358					215	356	
6	175	999	476	5	149	52	188	422	489	5	161	54	
						410						410	
												410	
	1121	317					884	058				820	
	884	058											
	1237	259											
													BM ~~100~~ 107-20
													90th St. E & Ave. "L" S.W. Cor
BM 107-20													See F.B. 2840-28

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 T-64°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-29-72
INDEXED C. J. GALLI DATE 12 '72
WEATHER Sunny & Breezy INST. NO 8967
TIME 10:00 to 10:20 ROD NO 1713A
NOTES CHKD DATE
F.B. 2868 PG. 253

STATION	BACKSIGHT Re-Run						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM121-15A TO BM121-16A
BM121-15A					266						173		BM121-15A (Sec. Cor. 25, 26, 35, 36 T7N
1	223	618	524	5	180	86	130	304	431	5	87	86	R11W) Ave. "L" & 70th St. E & Int.
					169						192		See F.B 3716-133
2	134	250	435	5	99	70	158	512	459	5	124	68	
					198	156					170	154	
3	163	516	464	5	128	70	135	758	436	5	100	70	T-Siemann
					190	226					185	224	
4	155	011	456	5	120	70	151	622	452	5	117	68	Re-Run
					188	296					162	292	
5	158	109	459	5	128	60	132	379	433	5	102	60	
					179	356					137	354	
6	170	330	471	5	161	18	125	171	426		113	24	
						374						376	
												374	
	1004	834					833	746				750	
	833	746											BM121-16A
BM121-16A	+171	088											Ave. "L" & 75th St. E.
													See F.B. 3716-123

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 2868 Pg. 254 JOB NO. 030102
SURVEY OF L.A. Co. Precise Lev. Net
SURVEY BY Dreyer NOTES Maldonado 3-29-72
INDEXED C. J. GALLI DATE
T-64°
WEATHER Sunny & Br. INST. NO. 967
TIME 10:20 to 10:45 ROD NO. 234
NOTES CHKD DATE

Re-Run

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 121-15 A TO BM 121-15 A
BM 121-16A					138						200		BM 121-16A
1	98	154	399	5	58	80	161	049	462	5	122	78	Ave. "L" & 75th St. E.
					178						193		See F.B 3716-123
2	143	695	444	5	108	70	157	961	458	5	121	72	
					171	150					184	150	
3	135	580	436	5	99	72	149	932	450	5	114	70	T-Siemann
					185	222					217	220	
4	150	929	451	5	115	70	182	930	483	5	147	70	Re-Run
					190	292					180	290	
5	160	559	461	5	130	60	150	749	451	5	120	60	
					154	352					213	350	
6	143	670	444	5	132	22	201	360	502	5	189	24	
						374						374	
												374	
	832	587					1003	981				748	
							832	587					
							171	394					
BM 121-15A													BM 121-15A (Sec. Cor. 35, 26, 35-36 T 1 R 11 W) Ave "L" & 70th St. E. & T
													See F.B 3716-133

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 Re-Run						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 121-15A TO BM 121-16A
BM 121-15A					231						177		BM121-15A (See COR. 25, 26, 35, 36
1	197	141	498	5	163	68	147	715	448	5	117	60	T 7N R 11W)
					204						194		Ave "L" & 70th St. W.
2	169	871	470	5	134	70	156	501	457	5	118	76	see F.B. 3716-133
		609			207	138					184	136	
3	173	~~741~~	474	5	139	68	149	250	450	5	114	70	
					206	206					196	206	T-Siemann
4	171	390	472	5	136	70	161	770	462	5	126	70	
					204	276					177	276	2nd Re-Run
5	169	210	470	5	134	70	143	191	444	5	109	68	
					182	346					133	344	
6	167	339	468	5	152	30	118	690	419		103	30	
						376						374	
												374	
	1048	560					877	117				748	
	877	117											
	+171	443											BM 121-16A
M121-16A													Ave "L" & 75th St. E.
													See F.B. 3716-123

2868

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-64°
SURVEY BY C.E. Dreier
NOTES BY Maldonado DATE 3-29-72
INDEXED C. J. GALLI DATE APR 12 '72
WEATHER Sunny & Windy INST. NO. 96716
TIME 10:55 to 11:25 ROD NO. 1713 A&
NOTES CHKD. DATE
F.B. 2868 PG 255

FIELD BOOK RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 2868 Pg 256 JOB NO. 030102
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Waldo 3-29-72
INDEXED E.J. GALLI DATE
WEATHER Sunny & Windy TIME 11:25 To 11:50 NOTES CHKD T-64°

Re-Run

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM121-16A TO BM121-15A
BM121-16A					136						194		BM 121-16A
1	101	592	402	5	66	70	159	990	460	5	124	70	Ave. "L" & 75th St. E.
					178						193		See F.B. 3716-123
2	143	788	444	5	108	70	159	872	460	5	125	68	
					173	140					191	138	
3	138	999	439	5	103	70	154	188	455	5	117	74	T-Siemann
					188	210	9				214	212	
4	152	880	453	5	116	72	178	022	480	5	144	70	2nd Re-Run
					190	282					186	282	
5	155	203	456	5	120	70	151	781	452	5	116	70	
					151	352					210	352	
6	138	841	439	5	125	26	197	812	498	5	184	26	
						378						378	
												378	
	831	303				10	902	665				756	
							831	303					
							141	362					
BM121-15A							7						BM 121-15A (Sec Cor 25, 26, 35, 36 T7N, R11W) Ave. "L" & 70th St. E.
													See F.B. 3716-133

2868