F. B. PG.

NOTES RED. JOB NO. SURVEY OF

DATE SURVEY BY

NOTES CHKD. NOTES BY DATE

INDEXED DATE

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Do not extend notes this side of this line

Copied From LQ 329-124

S.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION
B.M. #4					36.3	

F. B. Pg.

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

FORM 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

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

FORM 247 7M 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Survey of
W. O.
Surveyed by
Notes
Date
Indexed

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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F.B. _____ PG. _____

F.B. 964 PG. 7

Notes Ck'd by	Survey of
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

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F.B. _____ PG. _____

Profile No.	Notes Rcd. Date	Plotted Date	Job No. 8353	Division No.	F B 964 PG. 9
X-Sec. No.	Notes Chkd. LHS. Date 9-24-42	Checked Date	Survey of Pico Ave Freeway		
			Survey by Hammond	Notes L.S.H.	Date 9-18-42
			Map No.	Indexed A. C. Jones	Date 9-23-42

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PLEASE RETURN TO
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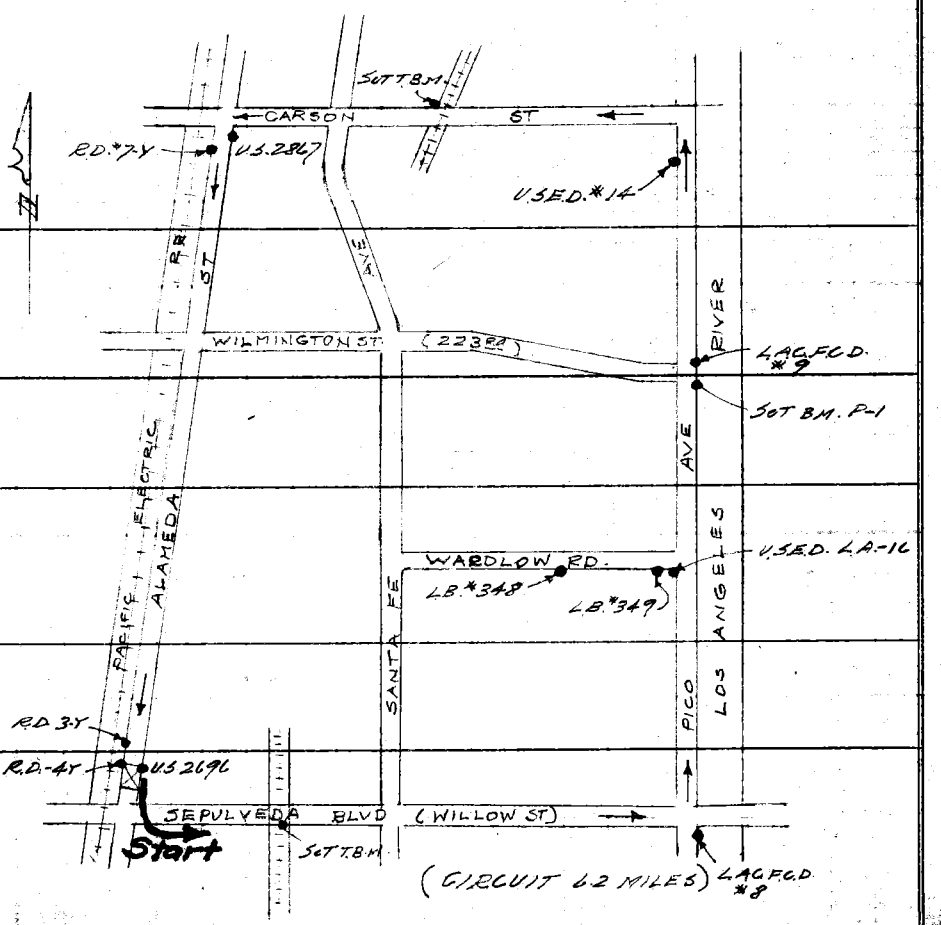
700 HALL OF RECORDS

Form 307 5M 5-39

PICO AVE. FREEWAY
J.N. 8353
BENCH LEVELS

L.S. Hammond
F.H. Blanchard
M.A. Van Doren
G.C. Harris



STATION	B. S.	H. I.	F. S.	ELEV.

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red. ____ Date ____ Notes Chkd. J.H.S. Date 9-24-42

Division No. 1353 Job No. 8364 Pg. 10

Survey of Pico Avl Extension

Survey by Hammond Notes Hammond

Indexed A. C. Cohn Date ____

~~BM~~ STATION	B. S.	H. I.	F. S.	ELEV.		
					U.S. 2696 = L.A.C.F.C.D. *111-8 300'± N. of Willow (Sepulveda) Blvd. over Nigger Slough 2' So. of N. end disk. 1934 adj. elev 17.621	Watson on Alameda St N.E. Cor. conc. bridge L.A.C.F.C.D. Std
U.S. 2696				17.621		
	3.194	20.815			Rd. Dept. BM. *4-Y Alameda St. 72' No. of No. end bridge over Nigger Slough (described above) 3½' W of W. curb face 10" conc mon. with copper disk Elev 15.371	
Rd. Dept. *4-Y			5.550	15.265		
	5.655	20.920				
Rd. Dept. *3-Y			3.590	17.330	Rd. Dept BM. *3-Y Alameda St. 300'± No. of Willow (Sepulveda) Blvd. No. end W. abutment conc. bridge over Nigger Slough Elev. 17.620	
	3.180	20.710				
	5.020	22.635	3.095	17.615	U.S. 2696	
	3.945	21.750	4.830	17.805		
	4.585	21.035	5.300	16.450		
	2.920	18.295	5.660	15.375		
	3.680	15.140	6.835	11.460		
	6.745	17.075	4.810	10.330		
	6.595	20.440	3.230	13.845		
	5.270	20.975	4.735	16.205		
	5.215	21.370	4.820	16.155		
	5.100	21.880	4.590	16.780		
	2.110	19.240	4.760	17.130	T.B.M Sepulveda Blvd mile E. of Alameda St. under U.P. RR. bridge So. of b. spk. in road N.E. Cor. conc. M.H. So. edge pave	
T.B.M	9.565	21.305	7.500	11.740		
	4.450	23.115	2.640	18.665		
	5.385	23.385	5.115	18.000		

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
		23.385				
	5.360	24.250	4.495	18.890		
	4.730	24.520	4.460	19.790		
	4.420	23.810	5.130	19.390		
	4.370	23.590	4.590	19.220		
	5.025	23.135	5.480	18.110		
	4.935	23.760	4.310	18.825		
LA.C.F.C.D. BM.*8	6.355	25.405	4.710	19.050	B.M.*8 LA Co. F.C.D. 80' So. Sepulveda Blvd on W. R/W L.A. River 8' So. P.P. 342419E 10"x10" Conc mon std. brass cap. Elev 18.316 (2½' under sur.)	
	6.750	25.365	6.790	18.615		
	4.935	24.650	5.650	19.715		
	5.035	25.145	4.540	20.110		
	4.910	25.850	4.205	20.940	T.B.M. N.W. Cor. Pico Ave. & W. 28th St. Fd. C spk in lead center of curb return	
T.B.M.	5.080	26.050	4.880	20.970		
	5.035	26.045	5.040	21.010		
	4.940	26.260	4.725	21.320		
	5.390	27.035	4.615	21.645		
	5.550	27.815	4.770	22.265		
	4.870	28.025	4.660	23.155		
	5.355	29.250	4.130	23.895		
USED. BM. *LA-16	5.565	30.285	4.530	24.720	B.M. LA-16 U.S.E.D. S.W. Cor. Wardlow St & Pico Ave. Fd. C spk. in lead center curb return Elev 26.056	
	4.735	30.705	4.315	25.970		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8353 Division No. ____ #B964 PG. 11

X-Sec. No. ____ Date ____ Date ____ Survey of Pico Ave. Freeway

Notes Chkd. J.H.S. Date 9-21-42 Checked ____ Survey by Hammond Notes LSH Date 9-21-42

Date 9-24-42 Date ____ Map No. ____ Indexed A. C. Johnson

Form 307 5M 5-39

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
		30.705			
Long Beach BM * 349	4.450	29.585	5.570	25.135	L.B. B.M. * 349 S.W. Cor Wardlow St + Pico Ave 4.5' S of curb 34.5' W. of curb Brass cap in conc. in 4" Well with cover Elev. 24.865
	4.815	30.960	3.440	26.145	
	5.065	30.725	5.300	25.660	
Long Beach BM * 348	5.710	30.535	5.900	24.825	LBBM * 348 S.E. Cor. Wardlow St. + Pico Ave 5.1' E. of curb. 26.0 So. of curb Brass cap in conc. in 4" Well with cover Elev. 24.550
	5.370	31.035	4.870	25.665	
	3.725	29.955	4.805	26.230	
	4.335	30.315	3.975	25.980	U.S.E.D. * LA-16
	5.290	31.170	4.435	25.880	
	5.390	31.570	4.990	26.180	
	5.080	32.605	4.045	27.525	
LACFCD. BM. * 9			3.700	28.905	LACFCD. BM. * 9 NE Cor Wilmington St. (223 Cy) + Pico Ave 20' N. ℄ on W.P.L. L.A. River 10"x10" conc mon + Std. brass cap. Elev. 28.971
	7.145	36.050			
B.M. * P-1	0.770	35.905	0.915	35.135	B.M. * P-1 SE Cor Wilmington St. + Pico Ave. 20' E of W.P.L. LA River No. side of conc box 1' E + 6" So. of conc. box Metropolitan Water Dist. set b. spk in lead.
	5.840	34.690	7.055	28.850	
	5.850	35.365	5.175	29.515	
	6.395	37.360	4.400	30.965	
	4.920	36.815	5.465	31.895	
	4.855	37.000	4.670	32.145	
U.S.E.D. BM. * LA-14	4.200	36.645	4.555	32.445	U.S.E.D. BM. * LA-14 W.P.L. LA River 500' ± So Carson St. Fd. spk. in lead Top of Sw. pillar of East Leg of double Tower So. Cal. Edison Elev. 32.481
	4.010	36.445	4.210	32.436	

Profile
Plotted
Date
Checked
Date
Notes Red.
Date
Notes Chkd. J.H.S.
Date 9-20-42
Division No.
Job No. 8353
Survey of Pico Ave Freeway
Survey by Hammond
Notes Hammond
Indexed A. C. Johnson
Date
No.
X-Sec.
No.
8/64 Pg. 12

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
		36.445			
	6.965	37.560	5.850	30.595	
	4.975	37.565	4.970	32.590	
	4.625	36.915	5.275	32.290	
	4.290	35.895	5.310	31.605	
	4.925	34.790	6.030	29.865	
	7.525	38.970	3.345	31.445	T.B.M. Carson St. 0.5 mile east of Alameda St. at crossing P.E.R.R. Set 6.5 pk. in lead So. cor of N.W. signal base.
T.B.M.	0.775	36.365	3.380	35.590	
	4.750	35.320	5.795	30.570	
	4.740	34.715	5.345	29.975	
	4.855	34.310	5.260	29.455	
	4.735	33.810	5.235	29.075	
	4.935	33.370	5.375	28.435	
	4.715	32.900	5.185	28.185	
	4.795	32.465	5.230	27.670	Rd. Dept. B.M. #7Y Alameda St. 224' So of ℄ Carson St. 27.3' H of ℄ 10"x10" conc mon with brass cap. Elev. 27.114
Rd. Dept. B.M. #7-Y			5.275	27.190	
	5.215	32.405			U.S. B.M. 2867 SE Cor Alameda St + Carson St. in Dominguez Water Co. pumping plant ctr. of 1st column So. of central door West side Bldg. 5' above ground std bronze disk 1934 adj elev 31.870
U.S. 2867	0.340	32.305	0.440	31.965	
	4.400	31.525	5.180	27.125	
	4.770	31.125	5.170	26.355	
	4.005	30.580	4.550	26.575	

Profile Notes Red. Plotted Job No. 8353 Division No. F B. 964 PG. 13
No. Date Date Survey of Pico Ave Freeway
X-Sec. Notes Chkd. U.H.S. Checked Survey by Hammond Notes L.S.H. Date 9-21-42
No. Date 9.24.42 Date Map No. Indexed A. C. Jordan Date

Form 307 5M 5-39

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
		30.580				
	4.535	29.925	5.190	25.390		
	4.735	29.500	5.160	24.765		
	4.530	28.820	5.210	24.290		
	4.620	28.320	5.120	23.700		
	4.730	27.865	5.185	23.135		
	4.480	26.995	5.350	22.515		
	4.545	26.205	5.335	21.660		
	4.395	25.405	5.195	21.010		
	4.115	24.405	5.115	20.290		
	5.010	21.495	7.920	16.485		
	4.785	24.025	2.255	19.240		
T.P.	4.515	23.585	4.955	19.070	6. spk So. of bridge	
	4.290	22.725	5.150	18.435		
	4.475	22.145	5.055	17.670		
U.S. 2696			4.535	17.610	U.S. 2696 pg.	Elev 1934 adj 17.621

F.B. 964 Pg. 14 Job No. 8353 Division No. Notes Red. Plotted Profile
Survey of Pico Ave. Freeway Date Date No.
Survey by Hammond Notes L.S.H. Notes Chkd. J.H.S. Checked X-Sec.
Indexed [illegible] Date Date 9-24-42 Date No.

Profile No.	Notes Red. Date	Plotted Date	Job No. 8353	Division No.	F. B. 964 Pg. 15
			Survey of PICO AVE Freeway		
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey by Hammond, Notes L.S.H.	Date 9-24-42	
			Map No.	Indexed A. S. Johnson	Date 4-17-44

PICO AVE FREEWAY

J.N. 8353

BENCH LEVELS

STATION	B. S.	H. I.	F. S.	ELEV.

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700 HALL OF RECORDS

Form 307 5M 5-39

Form 307 5M 5-39

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
USED. BM. LA-14	4.160	36.605		32.445	USED. LA-14 800± So. of Carson St at W. R/W L.A. River Top of SW. pillar of E. long double tower So. Cal. Edison Co. SPK in lead Elev 32.445 CONT. FROM pg. 12
	4.135	36.565	4.185	32.420	
	5.975	36.640	5.890	30.665	BM * P-2 Carson St at W. R/W L.A. River 30' N. of ℄ Top brass cap So. Cal. Edison Co. Mon. (1' dn.)
BM * P-2	10.395	44.540	2.995	33.145	
	5.705	48.755	1.490	43.050	
	4.300	49.765	3.290	45.465	
	4.980	49.760	4.985	44.780	
	5.915	50.795	4.880	44.880	
	5.435	51.305	4.925	45.870	
	5.485	50.920	5.870	45.435	Rd. Dept. BM * 53Y = L.B. City BM * 131 Dominguez 91' So. of ℄ 197 E of E rail P.E.R.R. drop dusk in concrete mon. 12" dn in well with cl. cover Elev 46.795
RD. BM * 53Y LB. BM * 131			5.225	45.695	
	5.175	50.870			Rd Dept. BM * 54Y Dominguez St. 82.2 So. of ℄ 26' E of E rail P.E.R.R. Std Bench mon fl. Elev 46.807
R.D.B.M. * 54Y	4.725	51.440	4.155	46.715	
	5.710	52.685	4.465	46.975	LA.F.C.D. * 44-25 Dominguez St at W. R/W L.A. River Top W. abutment R.C. bridge 2' So. of N Wing Wall Std. F.C. bench mark
L.A.C.F.C.D. BM. * 44-25			2.255	50.430	
	2.890	53.320			USED * LA-13 Dominguez St at W. R/W L.A. River Top W. abutment R.C. bridge 25' So. of No. Wing Wall Fd. SPK in lead
USED. BM. LA-12	2.595	53.010	2.905	50.415	
	3.045	49.785	6.270	46.740	USED * LA-12 600'± N of Dominguez St. where West line Compton Cr. with W. Line L.A. River. SPK in lead on top SE pillar of E. Tower So. Cal. Edison Co.
USED. BM. LA-12.	10.950	51.280	9.455	40.330	
	6.130	54.250	2.160	49.120	
	1.200	44.520	10.930	43.320	

Job No. 8253 Division No. Profile No. X-Sec. No.
Notes Red. Date Checked Date
Notes Chkd. LKE Date 4/18/75
Notes
Date
Survey of Pico Aic Freeway
Survey by Hammond
Indexed
Filed
F.B. 0000 PG. 16

Form 307 5M 5-39

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
		44.520				
	4.555	44.720	4.355	40.165		
	6.270	45.420	4.570	40.150		
	8.490	49.495	4.415	41.005		
	8.475	55.605	2.365	47.130	BM.*P-3 Los Angeles ST. at bridge over L.A. River W. abutment 3' so. of so. edge bridge Set	
BM.*P-3	3.110	54.525	4.190	51.415	3 W.+T. Top of piling	
	3.805	53.420	4.910	49.615	USED.*LA-11 760'± N. of Los Angeles ST. at W.	
USED. BM. *LA-11			10.215	43.205	R/W L.A. River. Top of S.E. pillar of E. Tower of	
	4.655	47.860			So. Cal. Edison Co. Spk. in lead El. 43.189	
LAC.FCD. BM.*3-3	6.010	47.760	6.120	41.740	LAC.FCD.*3-3 815'± N of Los Angeles ST. at W. R/W L.A. River 75' N of So Cal. Edison Tower MUT2	
	4.875	48.010	4.615	43.135	Std. F.C. Bench mon. El. Elev. 42.995	X
	4.650	48.300	4.360	43.650		
	5.245	49.100	4.445	43.855		
USED. BM. *LA-10	4.920	50.755	3.265	45.835	USED.*LA-10 W. R/W L.A. River 2300'± up stream From Los Angeles ST. Top S.E. pillar of East Tower	
	4.190	50.730	4.215	46.540	*MUT5 So. Cal. Edison Co. Spk. in lead El. 46.783	
	4.525	52.200	3.055	47.675		
	4.200	52.545	3.855	48.345		
	5.295	53.650	4.180	48.365	USED.*LA-9 Long Beach Blvd. at W. R/W L.A.	
USED. BM. *LA-9	4.655	54.215	4.090	49.560	River S.E. Cor. of Middle Tower So. Cal. Edison	
	5.275	54.010	5.480	48.735	Co. Spk. in lead Top pillar Elev. 49.506	X
	5.330	55.140	4.200	49.810		

Notes Red. _____ Revised _____ Fdb No. P233 Division No. _____

Notes Chkd. L.K.F. Date _____ Checked _____ Survey of Flood Ave. Freeway

Date H 8-45 Date _____ Map No. _____ Indexed A. C. J. Date 9-25-42

No. _____ X-Sec. _____ Date _____ Notes L.S.H. Survey by Hammond

F B 964 PG. 17

Form 307 5M 5-39

PLEASE RETURN TO
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700 HALL OF RECORDS

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Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red. ____ Date ____ Notes Chkd. L.K.F. Date 4/15/45

Division No. ____ Job No. 1333 Notes 4 S.H.

B/44 PG. 18

Survey of Pico Ave Firewall

Survey by Hammond

Indexed C. Johnson Date

STATION	B. S.	H. I.	F. S.	ELEV.	
		55.140			
	5.760	56.690	4.210	50.930	
	5.310	57.305	4.695	52.995	
	5.570	58.590	4.285	53.020	
	5.400	59.325	4.665	53.925	
	5.380	60.095	4.610	54.715	
	5.660	60.840	4.815	55.280	T.B.M NE Cor. Long Beach Blvd + W ST.
T.B.M			4.220	56.620	N end C.B. Fd. S+W.
	5.035	61.655			
T.B.M.	4.660	61.330	4.385	56.670	T.B.M N.E. Cor. Long Beach Blvd + Artesia ST. N end C.B. Fd. S+W
	4.960	61.030	5.260	56.070	
	5.655	61.830	4.855	56.175	
	5.125	61.950	5.005	56.825	
	4.865	62.005	4.810	57.140	
T.B.M.	3.015	61.650	3.370	58.635	T.B.M Artesia ST. 4 mile W. of Long Beach 2nd at Conc. bridge Set b. spk in lead Top conc Sill N.E. Cor.
	4.640	62.055	4.235	57.415	
	4.770	62.345	4.480	57.575	
	7.800	64.970	5.175	57.170	
RDBM*17Y			7.095	57.875	R.D.BM*17Y Alameda ST. 87.8 so of ℄ Artesia ST 21' E of ℄ Alameda. Std R.D. Bench mon. (5' da) Elev. 59.081
	6.340	64.215			
RDBM*18Y	10.105	66.400	7.920	56.295	R.D.BM*18Y Alameda ST. 71' N. of ℄ Artesia ST. 118.3 E of ℄ Alameda Std R.D. Bench mon Flush Elev. 56.422

Form 307 5M

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STATION	B. S.	H. I.	F. S.	ELEV.		
		66.400				
	5.365	68.350	3.405	62.995	L.A.C.F.C.D. BM #44-33 Alameda St at bridge over Compton Ck. S.W. Cor bridge on conc. S.W. 3 Std F.C. Bench mark mkd. B.M. 44-33	
L.A.C. F.C.D. BM #44-33	3.270	67.660	3.940	64.390		
	3.340	64.010	6.990	60.670		
	3.550	60.140	7.420	56.590		
	5.305	60.325	5.120	55.020	RD.BM #16Y = Met. Water Dist. #562 Alameda St at bridge over Compton Ck (old location) S.E. Cor of S. abutment Std. M.W.D Bench mark. (opposite Dominguez Seminary)	
RD.BM #16Y M.W.D. #562	2.250	58.530	4.045	56.280		
	4.610	57.220	5.920	52.610		
	5.105	56.710	5.615	51.605		
	6.045	56.475	5.280	51.430		
	7.930	59.090	5.315	51.160	U.S. BM #20 Alameda St at Dominguez Jund 12' W. of S.W. Cor old foundation power house 3' above ground Fd. chiseled X on edge of Foundation slab. 58.68 Final 1928	
U.S. BM #20	0.165	58.275	0.980	58.110		
	3.760	56.645	5.390	52.885		
	3.050	53.790	5.905	50.740	USC+GS #F-52 = RD #14Y Alameda St 480'± So of Jund PERR at Dominguez Jund. S. end of W. Hdwl. Sp. culvert #91B Std. bronze disk mkd. F-52 1926 50.577 1932 Final	
USC+GS #F-52 = RD BM #14Y			3.220	50.570		

Profile No. ____ Notes Rod. ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of ____
X-Sec. No. ____ Notes Chkd. 4-18-45 L.K.F. Checked ____ Survey by ____ Notes ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____ A. C. Jones Date 5-01

F B 964 PG. 1

Page 20 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

Survey by | Notes | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.

Form 307 5M 5-39

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Profile Notes Red. Plotted Job No. 8353 Division No. F.B.

No. Date Date Survey of Pico Ave Freeway

X-Sec. Notes Chkd. Checked Survey by Bowers Notes RCB Date 1-12

No. Date Date Map No. Indexed Date 5-9-45

PICO AVE FREEWAY

BENCH LEVELS

From BM. USED LA #14 So. of CARSON st

North To

R.D BM 54Y by P.E Railroad & DOMINQUEZ st

STATION	B. S.	H. I.	F. S.	ELEV.

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
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FORM 307 5M 7-43

FORM 307 5M 7-43

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
U.S.E.D. #LA 14				32 445	U.S.E.D. BM #LA-14 - WPL LA RIVER. 800'± So	
	3 930	36 375	0 865	35 [illegible]	CARSON St. Fd Spk in lead. Top of S.W. pillar	
	10 021	45 531	3 499	42 032	of East Leg of double Tower So Cal. Edison	
	4 450	46 482	4 228	42 254	El. 32.481 per U.S.E.D - 32.445 per F.B. 964 pg 12	
	4 210	46 464	4 120	[illegible]		
	5 231	47 575	11 635	[illegible]		
	2 575	38 815	5 851	32 [illegible]		
P#3	5 250	38 214	3 480	34 734	{1X2 [illegible] 120' No of [illegible] by P.E. R.R. Tressle over LA River	
POT#2	4 100	35 [illegible]	6 368	[illegible]	{2X2 down 12"	
T.B.M.	[illegible]	37 [illegible]	2 156	[illegible]	[illegible] North [illegible] of the west piling in the 9th bent South of the North End of P.E. RR Tressle	
POT#1	1 745	36 758	[illegible]	32 376	2X2 down 12"	
P#2	3 273	35 649	3 [illegible]	32 [illegible]	1X2 flush	
P#1	[illegible]	33 [illegible]	0 895	32 [illegible]	[illegible] flush	
	4 63[illegible]	[illegible]	0 035	37 [illegible]		
INT	[illegible] 571	48 920	5 174	43 [illegible]	2X2 down 12"	
TBM	[illegible]	49 [illegible]	4 225	45 [illegible]	{TBM Set [illegible] West [illegible] of TKs	
	4 540	50 112	4 295	45 817	120'± No. of Int. of Pico [illegible] SURVEY and ℄ of P.E.R.R.	
	4 228	50 045	4 072	45 973		
RDBM 54Y	4 905	50 878	4 084	46 794	{R.D. BM 54Y Dominguez st 82.2' So. of ℄ 26' E. of E. Rail of P.E.R.R. Std Bench Mon flush El 46.807	

F.B. 964 Pg. 22 Job No. 8353 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of Pico Ave Freeway Date ____ Date ____ No. ____
Survey by Bowers Notes: RCB Notes Chkd. J.A.L. Checked ____ X-Sec. ____
Indexed ____ Date 1-12-45 Date 5-11-45 Date ____ No. ____

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 8353 Division No. ____ F.B. 964 Pg. 2

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Pico Ave Freeway

Survey by Bowers Notes RCB Date 3-28-45

Map No. ____ Indexed A. C. Johnson

PICO AVE FREEWAY

JN 8353

BENCH LEVELS

from Long Beach Blvd
North Along Edison R/W
To ARTESIA St Then West
To Long Beach Blvd

STATION	B. S.	H. I.	F. S.	ELEV.

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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FORM 307 8M 7-43

FORM 307 5M 7-43

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
USED P.B.M. LA #9				49.560 ~~49.506~~	PBM LA9-on west side of LA River, 100'N. of ℄ L.B. Blvd 100'W. of ℄ F.C.R.R., on top of west Levy of River, on Top of S.E pillar of of the west leg of East Tower # M7T2 of Power line. A spk. in lead Elev 49.506 Adj 1941 See pg 17. 49.560 Adj elev. per pg. 17.
	4 662	54 168	4 203	49 [illegible]	
	5 059	55 02[illegible]	4 152	50 872	
TBM #1	3 858	54 730	3 720	51.064 ~~[illegible]~~	TBM set X in top of East bolt in S.E Corner of the West Leg of East tower No. M7T3, 1300'± No. of L.B. Blvd
	3 992	55 002	4 075	50 [illegible]	
	4 642	55 569	4 143	51 [illegible]	
USED PBM LA #8	5 129	56 555	5 245	51.364 ~~[illegible]~~	PBM L.A.8. on the W. Side of L.A. River, 2500'± No. of L.B Blvd. at S. Calif Edison Co. Transmission line, in Top of the S.E. pillar of the west leg of East Tower # M7T4. spk. in lead. El = 51.274
	5 232	56 542	4 547	51 [illegible]	
	4 610	56 605	4 071	52 [illegible]	
TBM	4 950	57 484	3 745	53.793 ~~53 [illegible]~~	TBM set X in Top of East bolt in S.E Corner of the west leg of East Tower # M7T5.
	3 941	57 680	4 885	52 795	
	4 832	57 627	4 329	53 298	
TBM #2	5 150	58 448	4 305	54.497 ~~54 [illegible]~~	TBM set X in top of East bolt in S.E. cor of the west leg of the East Tower # M7T6
	4 733	59 176	3 500	55 676	
	4 430	60 106	4 462	55 644	Adj. to U.S.G.S. 1934 = 56.339
USED PBM #LA7	4 926	60 570	4 285	56.339 ~~56 [illegible]~~	USED P.B.M. LA7 on the west side of LA River 625'± So. of Artesia St. Top of S.E. pillar of S.C. Edison Co. Transmission Tower, East Tower # M 8T1, spk set in lead El = 56.221
	4 709	60 994	4 564	56 430	
	4 990	61 420	4 652	56 768	
TBM # 3	3 358	60 126	3 122	57.058 ~~57 004~~	TBM set X in top of bolt on west side in SW cor of 3rd Tower from E. R/W Line # M8T2 About 70' No. of ARTESIA St
	3 441	60 445	4 832	55 613	
	4 845	60 458	4 230	56 228	

Profile No. ___ Plotted ___ Notes Red. ___ Date ___ Job No. 8353 Division No. ___ Survey of Pico Ave Freeway Survey by Bowers Notes RCB Indexed ___ Date 3-28-45

X-Sec. No. ___ Checked ___ Date ___ Notes Chkd. J.A.L. Date 5-11-45

Pg. 24

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.		
				56 228		
	4 738	60 966	3700	57 266		
	4 288	61 554	4812	56 742		
	4 080	60 822	6430	54 392		
	5 728	60 120	4198	55 922		
	5 155	61 077	4180	56 897		
	4 272	61 169	4185	56 984		
				57.268	Adj. elev. per pg. 18. = 57.270 (error = .002)	
TBM.	4 900	61 884	4670	~~57 214~~	TBM NE cor. Long Beach Blvd & Artesia N. End	
					Curb Ret NE cor fd. S&W Elev. 57.270 Pg 18	

Profile No. ____ Notes Red. ____ Plotted ____ Date ____ Date ____
X-Sec. No. ____ Notes Chkd. J.A.L. Date 5-11-45 Checked ____ Date ____
Job No. 8353 Division No. ____ Survey of Pico Ave Freeway
Survey by Bowers Notes RCB Date 3-28-45
Map No. ____ Indexed A. C. Johnson

F.B. 964 Pg. 25

Pg. 26 Job No._____ Division No._____ Notes Red._____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

STATION	B. S.	H. I.	F. S.	ELEV.

FORM 307 5M 7-43

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COPIES TO

CENTINELA VALLEY

(REGIONAL OFFICE)

pages 27 thru 32

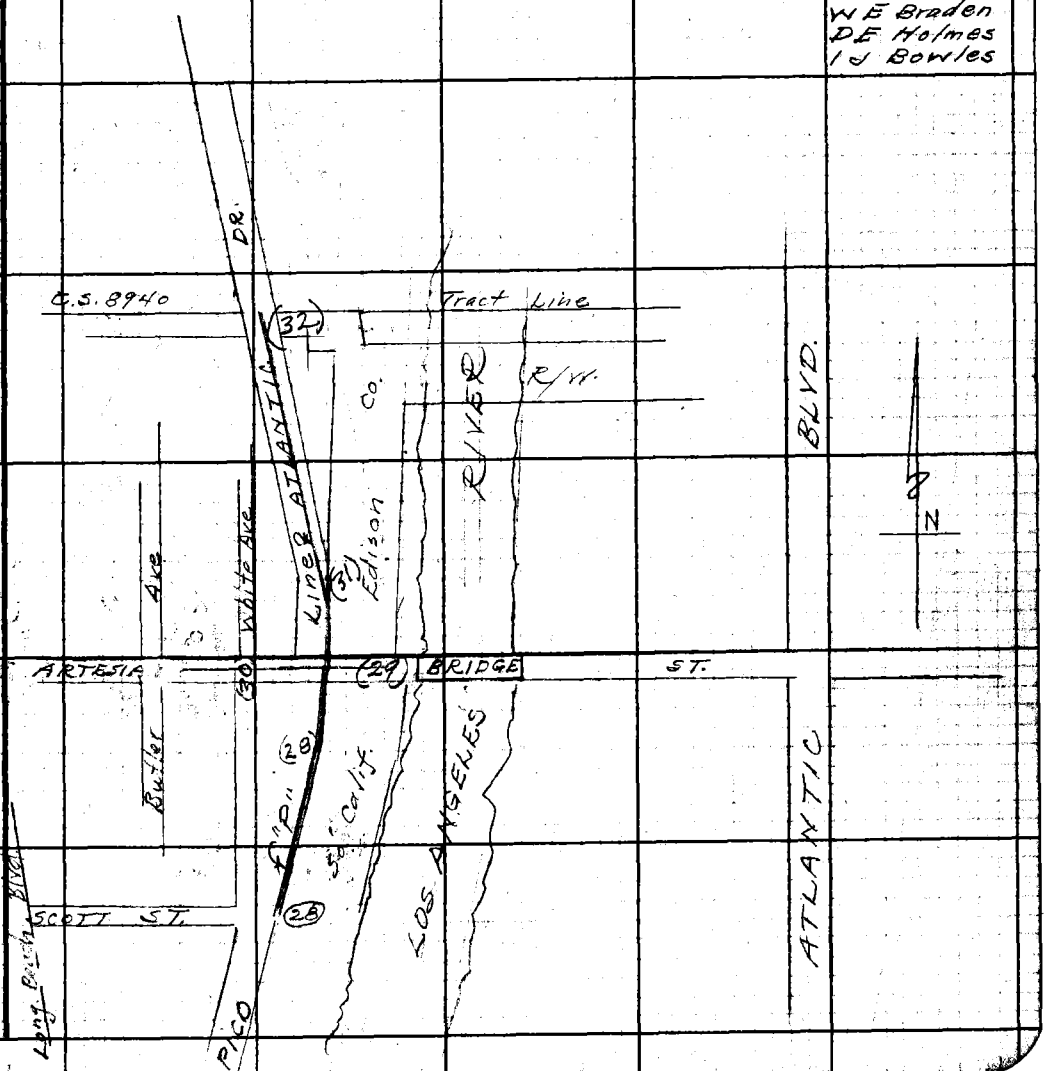
Notes Ck'd by	Survey of Pico Ave Freeway
Map No.	W. O. 8353 Tape No. 082 St'd 68 °F
Office Work	Surveyed by W E Braden
Checked	Notes Braden Date 7/5-45
Date	Indexed D. C. Johnson

F.B. 964 PG. 27

JUL 19 '45

"P" LINE
PICO AVE. FREEWAY

J.N. 8353
July 1945
W E Braden
D E Holmes
I J Bowles



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FORM 247 5M 12-50

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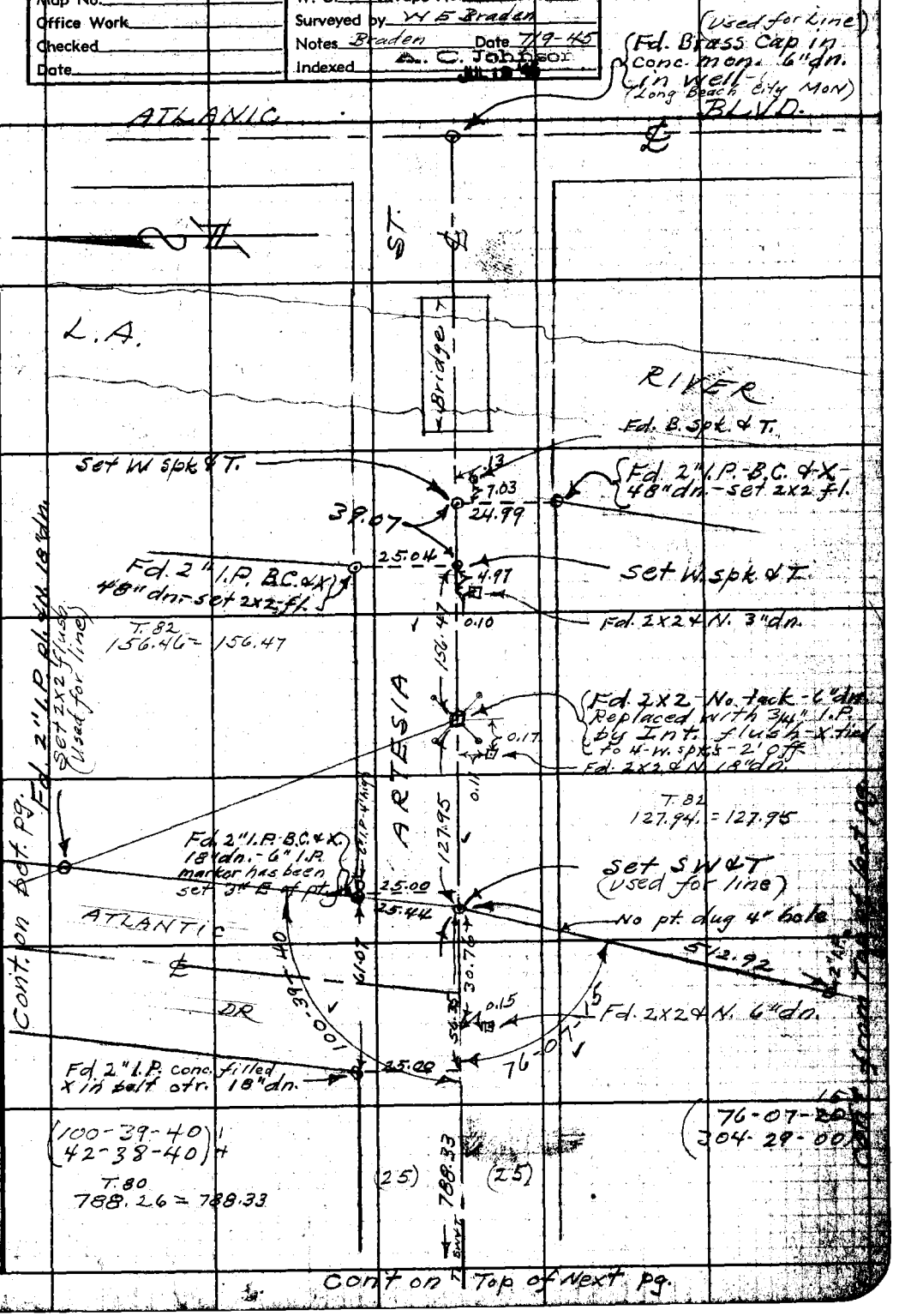
Notes Ck'd by	Survey of Pico Ave Freeway
Map No.	W. O. 8353 Tape No. .082 Std 68 °F
Office Work	Surveyed by W E Braden
Checked	Notes Braden Date 7/9-45
Date	Indexed A. C. Johnson JUL 19 '45

F.B. 964 Pg. 29

WS 32-B5



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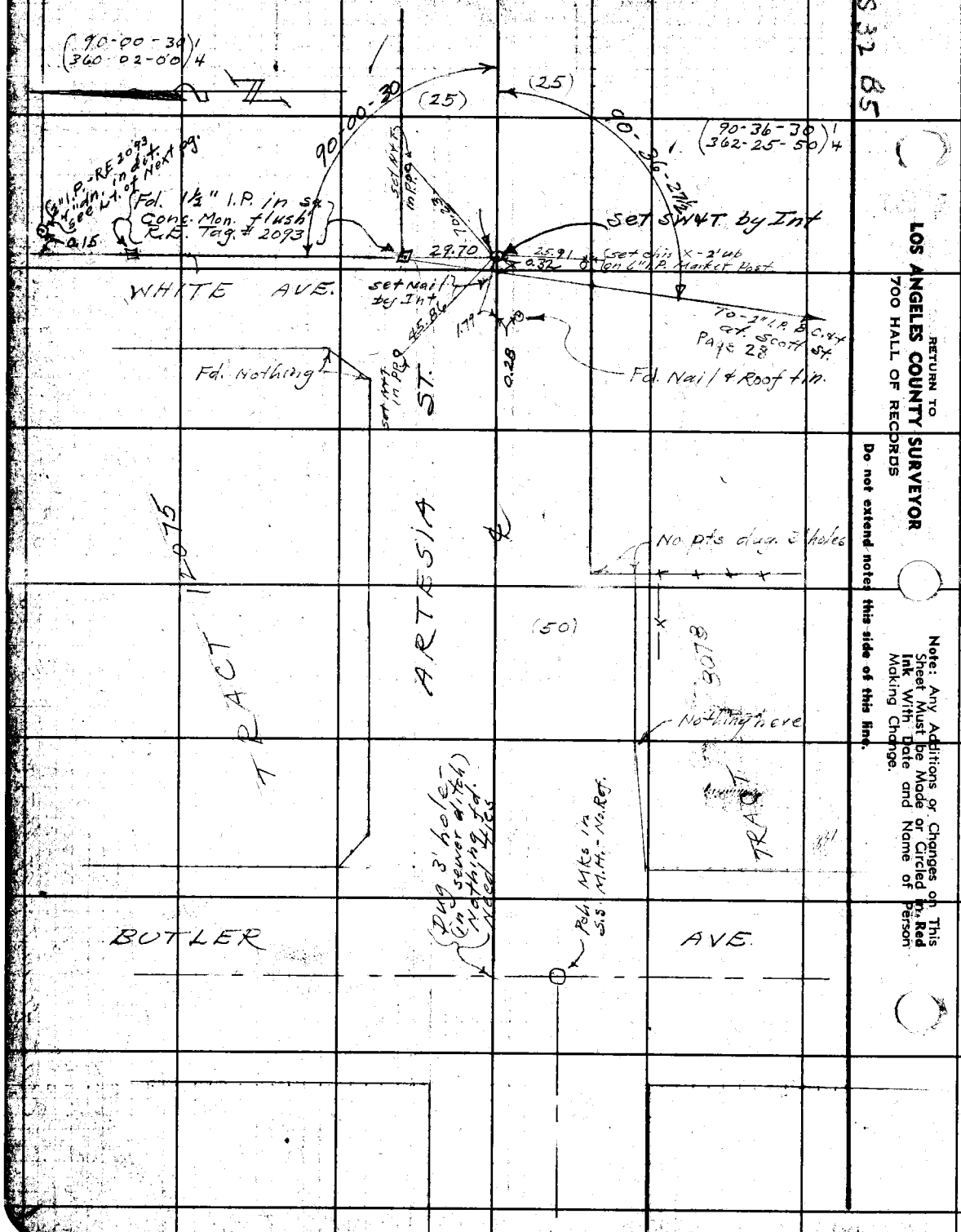
700 HALL OF RECORDS

FORM 247 5M 12-40

Cont. from bot. of last pg.

F.B. 964 Pg. 30



NS 37 85

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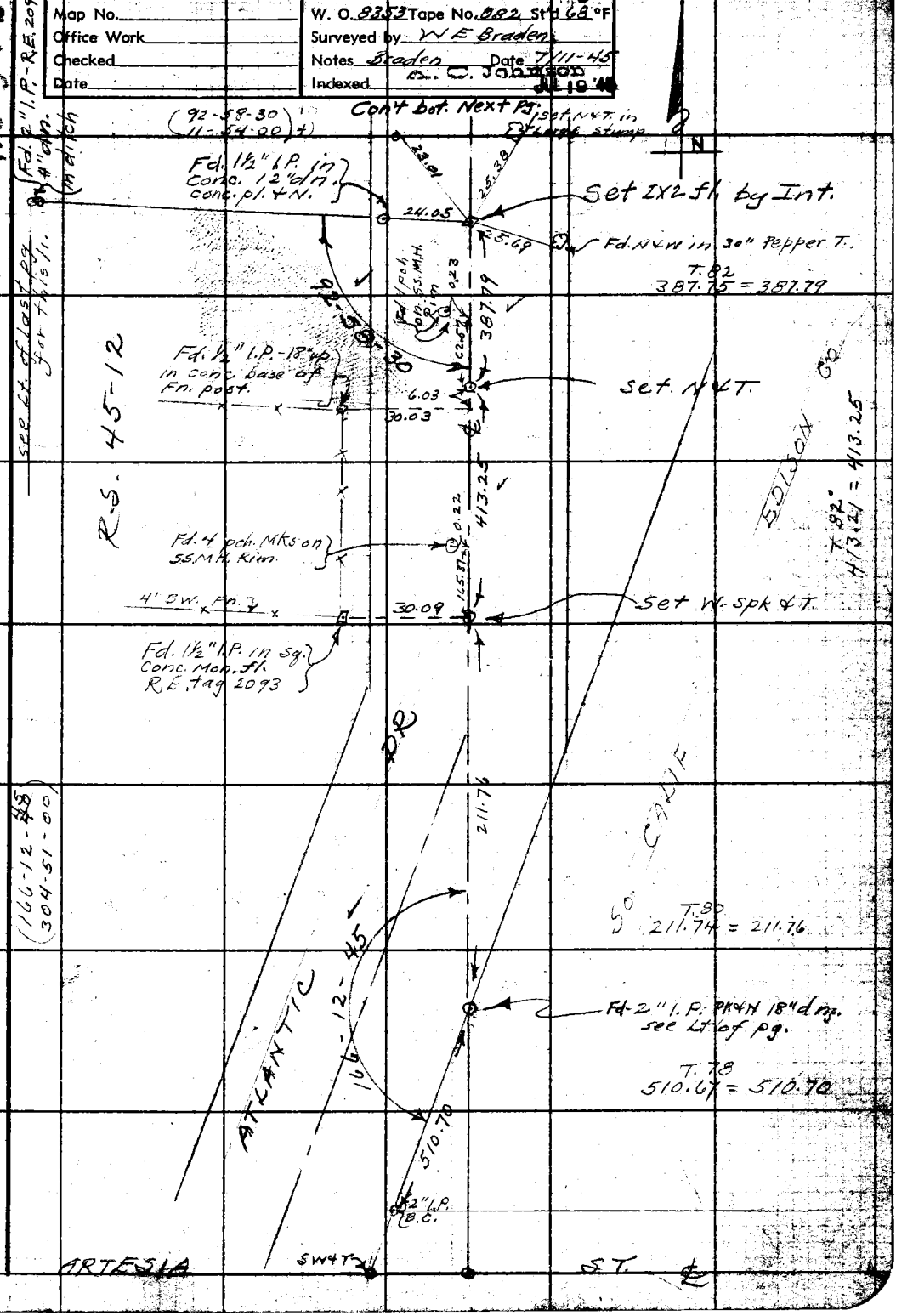
Notes Ck'd by DYBAN	Survey of PICO AVE Freeway	F.B. 964 Pg. 31	
Map No.	W. O. 8353 Tape No. 082 St'd 68 °F		
Office Work	Surveyed by W E Braden		
Checked	Notes Braden Date 7/11-45		
Date	Indexed A. C. Johnson JUL 19 '45		



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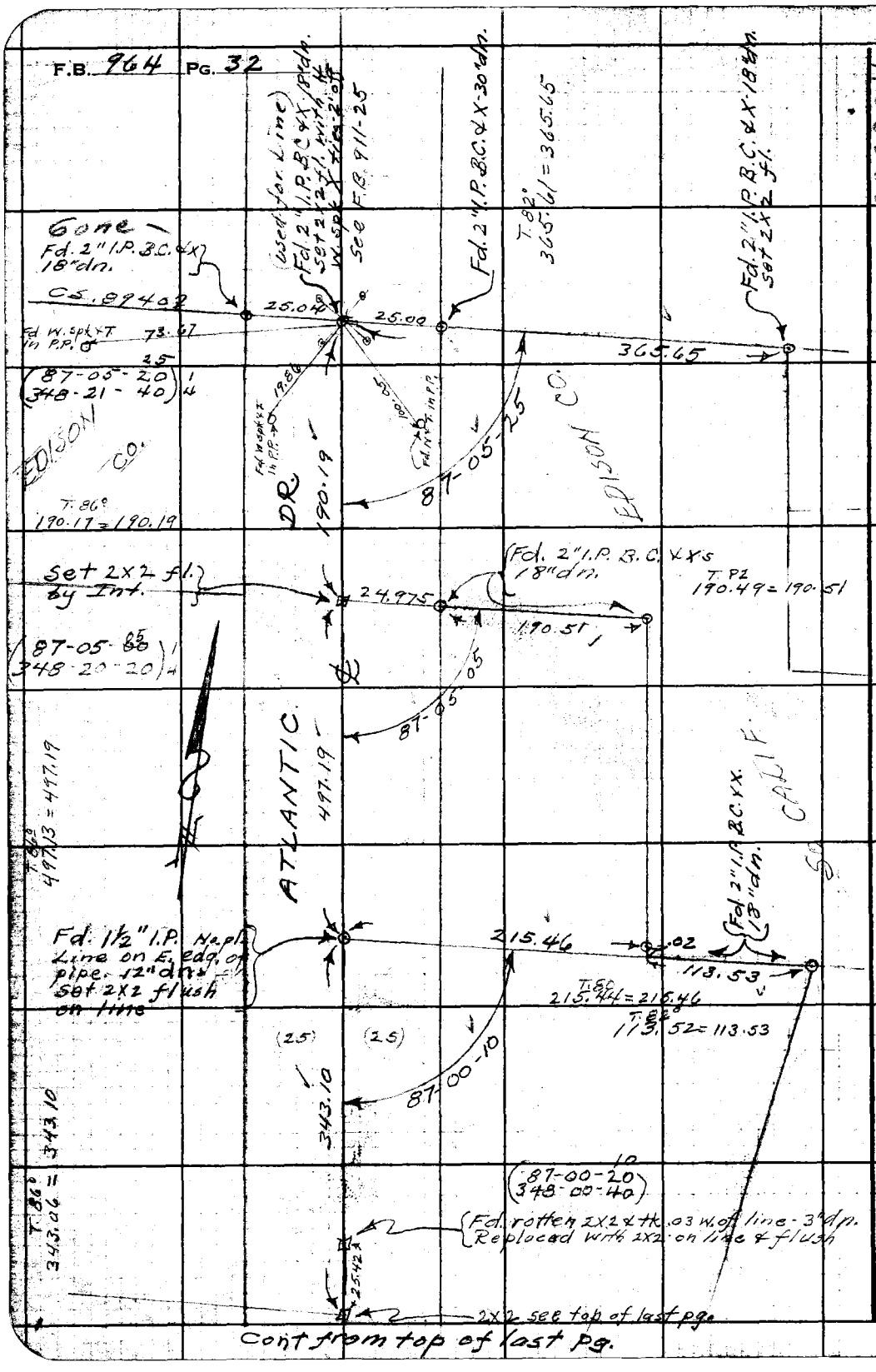
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 964 PG. 32



WS 3285

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700 HALL OF RECORDS

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Notes Ck'd by	Survey of Pico Ave Freeway
Map No.	W. O. 8353 Tape No. St'd °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F.B. 964 PG. 33

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FORM 247 5M 12-50

F.B. 964 PG. 34

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Notes Ck'd by	Survey of
Map No.	W. O. Tape No. St'd °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F.B. 944 PG. 35

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FORM 247 5M 12-50

F.B. 964 PG. 36

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Profile No.	Notes Red.	Plotted	Job No. 9353	Division No.	F.B. 964 Pg. 37
	Date	Date	Survey of PICO AVE. FREEWAY		
X-Sec. No.	Notes Chkd.	Checked	Survey by W E Braden	Notes Braden	Date 7/17-45
	Date	Date	Map No.	Index A. C. Johnson	9-12-45

BENCH LEVELS.

PICO AVE. FREEWAY

From ARTESIA ST. North along
ATLANTIC DRIVE
To ATLANTIC BLVD.

LOVAR ROD #L-3

W E Braden
J E Holmes
I J Bowles

STATION	B. S.	H. I.	F. S.	ELEV.

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FORM 307 5M 7-43

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.		
Note - This elev. is based on U.S.E.D. DATUM. See pg. 24 & 17						
B.M. U.S.E.D. P.B.M. #LA-7				56338 / 56285	Adj. elev. Per pg 24 / U.S.E.D. P.B.M. #LA-7 ON W. Si. of L.A. River	
	3 848	60 133			625' ± So. of ARTESIA ST. Top of S.E. pillar	
			4 022	56 111	of S.C. Edison Co. Transmission Tower,	
	4 892	61 003			E. Tower # M8T1, spk. in lead El. 56.221	
			3 178	57825	See pg. 24	
	3 597	61 422				
T.B.M. #3			4 424	56998	T.B.M. #3 - Elev. 57.004 - see pg. 24 - X in top of bolt ON W Si. in S.W. Cor. of 3rd. Tower from E. R/W. Line # M8T2 about 70' No. of ARTESIA ST.	
	4 018	61 016				
T.P. #1			2 903	58 113	ARTESIA & ATLANTIC DR. S. Si. Set N+T. in top of post W. end Guardrail	
	2 540	60 653				
	5 238	61 418	4 473	56 180	Nail s. edg. pvt. (Artesia St.)	
	4 637	61 852	4 203	57 215	" " "	
T.P. #4			4 469	57383	ARTESIA & WHITE AVE. N.E. Cor. N. in R.E. Tag. #2093 - in top of sq. conc. Mon.	
	4 320	61 703	4 487	57 216		
	3 787	61 003	4 820	56 183		
T.P. #1	4 424	60 607	2 490	58 117	see above	
T.P. #5	2 308	60 425	4 432	55 793	1X1 in pvt. E. on Atlantic Dr.	250' ± N. of Artesia (N-.04 up)
#6	4 990	60 983	4 702	56 281	" " "	500 ± N. of Artesia
	5 788	62 069				
B.M. #1			4 660	57 409	ATLANTIC DR. W. Si. 700 ± N. of ARTESIA St. N. in R.E. Tag. #2093 in top of sq. Conc. Mon. 30' W. of ℄	

Profile No. ___ Plotted ___ Notes Red. ___ Job No. 8353 Division No. ___ Survey of PICO AVE. FREEWAY Date ___ Survey by W.E. Braden Notes Braden - 7/17-45 Notes Chkd. J.A.L. Checked ___ Indexed A. C. Johnson Date 9-13-45 Date ___ X-Sec. No. ___ Pg. 38 964

FORM 307 5M 7-43

PLEASE RETURN TO
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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.		
				57 409		
	5 307	62 716				
T. P. #7			4 052	58664	ATLANTIC DR. ℄ M.H. 900'± N. of ARTESIA ST. X on West si. of Rim.	
	4 810	63474				
#8			3 803	59 671	ATLANTIC DR. ℄ - M.H. 1200± N. of ARTESIA X on N. si of Rim.	
	5047	64718				
#9			5130	59588	ATLANTIC DR ℄ - 2X2 - (1600'± N. of ARTESIA St. Tract Line from W.)	
	6 077	65 665				
#10			2 502	63 163	ATLANTIC DR - 21' E. of ℄ 1800'± N. of ARTESIA set w. spk. & T. in top of burned 3' stump.	
	2 008	65171	4 497	60 674		
	4 623	65297				
B.M. #2-set			1 910	63387	ATLANTIC DR. - 300'± E. & 2000'± N. of ARTESIA set chis. □ in top of 2" bolt. S.W. Cor. pier of Edison Co., Angle pt. Tower # M-0-T-5.	
	2 262	65649	4 766	60 883		
	4 857	65740	4 838	60 902		
	5 003	65 905				
B.M. #3-set			3 619	62286	ATLANTIC DR. 300'± E & 1000'± So. of L.A. River bridge & ATLANTIC BLVD. - Set chis. □ in top of bolt. SW. Cor. TOWER # M-1-T-1	
	3 823	66 109	8 550	57 559		
	3 305	60864	0 533	60 331		
T. P. #11	10 533	70864	3 090	67774	W. Dike of L.A. River - 900± S. of ATLANTIC BLVD. high pt. on Granite Rock - (60'± N. of Tr. Line)	
	4 945	72719	4 376	68343		
	5 008	73351				

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8353 Division No. ____ F.B. 964 Pg. 3

X-Sec. No. ____ Date ____ Date ____ Survey of PICO AVE FREEWAY

Notes Chkd. J.A.L. Date 9-13-45 Checked ____ Date ____ Survey by W.E. Braden Notes Braden Date 7/18-45

Map No. ____ Indexed A. C. Johnson

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Job No. 8353 Division No. Plotted Profile
Survey of Plot AVE FREEWAY Notes Red. Date No.
Survey by W.E. Braden Notes Braden 7-25-45 Notes Chkd. L.A.L. Checked X-Sec.
Indexed by C. Johnson Date Date 9-13-45 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		73 351				
	5123	73 619	4856	68 496		
	6592	76 506	3912	69 707		
	4995	73 681	2623	70 683		
B.M.-U.S.E.D.			2413	76 268	P.B.M. LA-5 - 13¼' F.S. Adj. Elev. 76.188	(old Elev. - 76.239)
					ATLANTIC BLVD. Bridge over LA River	
	5 668	76 836	5 980	70 856	2½ Miles So. E. of Compton ON U.S. #101	
	3969	74822	5417	69 08	W. end of Bridge - 1' N of N. ob. & 3' So. of	
	2 921	72 329	2 830	69 494	hand rail - in walk, a spk. in Lead. -	
	5102	74 596			Painted U.S.E.D. B.M. - LAR. 216	
T.P. #12			3 941	70 655	Set spk. & T. in E. si. Fn. P. - Int. of Fn.s on dike.	
	4 728	75383	3759	71 424	midway between Olive & Atlantic	
	4 306	75730	4379	71 351		
	4831	76 182	4669	71 513	Rock	
	4 906	75513	3 424	72 089	"	
	4406	76495	4722	71 773	"	
B.M. # 4 set	4 401	76 174	4782	71 773	OLIVE ST. & W. Bank LA River - 40' N. of ℄ - set	
					Cut spk. & T. in E. si. P.P. # 458779-H	
	3 356	74 748	7156	67 592		
B.M. # T-387	1 388	69 480	4 829	64 651	B.M. # T. 387 - Elev. 64.587 - F.B. 708-213 OLIVE ST. & WILLIAMS AVE. N.W. Cor. Bt. spk. in ob. 14' W. of N.E. Cor.	
B.M. # T388	4 244	68 895	4039	64 856	B.M. # T. 388 - Elev. 64.807 F.B. 708-214 OLIVE ST. & FRAILEY AVE. N.E. Cor. - Bt. spk. 1' E. of	

E. end C.R. = B.M. L-1 - C.I. 872

Profile No. ____ Notes Red. ____ Plotted ____ Date ____ Date ____

X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____ Date ____

Job No. 8381 Division No. ____ F.B. 964 Pg. 41

Survey of L.A. River Freeway

Survey by W.E. Braden Notes [illegible] Date ____

Map No. ____ Indexed A. C. Johnson Date 6-16-47

BENCH LEVELS.

L.A. River Freeway.

JN. 8381 Feb. 1947

Braden
Westerland
Coates
Barilotti.

STATION	B. S.	H. I.	F. S.	ELEV.

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FORM 307 5M 7-43

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.	
BM H15~~2~~ 3				131.549	BM. H15~~2~~ 3 - Elev 131.549 F.B. 729-242 Bel. Gardens Ave & Gage Ave S.E. Cor. So. Roadway Bt. Spk. 3' E. of E end C.R. (Fd BM & 153 Chis. in Cb)
⊼ (Rd Dept)	5018	136 567 ✓			
BM 203 Y.			5005	131.562 ✓	B.M. 203 Y Elev. 131.681 Rd. Dept. L.Q. 115-3 L & N. in S.E Base Trans. Tower #29 (Now #128) 50' S of ℄ Gage - 80' E of E end L.A. River Bridge) (old)
⊼	4138	135 700 ✓			
FC BM 5-131			4207	131.493 ✓	FC BM. - 5-131 (No Ref) (Fd chis. in conc. Pier) (BM & No) Gage & E end of L.A. River Bridge - Trans. Tower # 128 N.E. Pier of Tower B. Spk in L.
⊼	11568	143061 ✓			
T.P			5858	137203 ✓	
TP	5585	142788 ✓	4123	138665 ✓	
TP	8012	146677 ✓	4482	142195 ✓	
TP	4775	146970 ✓	9065	137905 ✓	
	2015	139920 ✓			BM. L.A. Co. Ref. Mark #2. - Geodetic Control - Brass Cp N.E. base Tran Tower #129 450' ± N of ℄ Gage Ave 100' E of L.A River Dike
BM # R-1 (set)			3541	136[illegible] ✓	
T.P	7640	144019 ✓	0.528	143491 ✓	
T.P	4943	148434 ✓	3110	145324 ✓	
T.P	3530	148854 ✓	3847	145007 ✓	
⊼	5435	150442 ✓			Set BM.
BM # R-2			0.562	149880 ✓	B. Spk. S.E. Cor. Conc. Wing P.E. Bridge & L.A. River, E. end. 20' ± S. of So. Rail

Profile ✓ No. ___ Plotted ___ Date ___ Notes Red. ___ Date ___ Notes Chkd. H.D.H. Date 6-18-47 Checked ___ Date ___ X-Sec. ___ No. ___

Job No. 8381 Division No. ___ Notes Chkd. ___ Date ___

Survey of L.A. River Freeway Notes N.A. Westerland 2-7-47

Survey by W.E. Braden Date ___

Indexed A. C. Johnson

P.B. 964 Pg. 42

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.	
BM.				149880	set BM - (see bot last Pg.) #R-2 Bt. Spk S.E Cor, Conc. Wing P.E. Bridge E Side L.A. River 20± So. of So. Rail
⊼	1700	151580 ✓			
TP			11427	140153 ✓	
	0710	140863 ✓			Fd F.C. BM. P.E. RR & LA River E. si. 100'± N. of R.R.
Fd F.C. BM=#R-3			1955	138908	Trans. Tower # 130 Chis. Square S.W. Cor Conc. Base 2' up 0.5 N.E. of edge.
T.P	1617	140525 ✓	2124	138401 ✓	
T.P	8304	146705 ✓	5292	141413 ✓	
T.P	3325	144738 ✓	7419	137319 ✓	
	4429	141748 ✓			BM. - L A River E. si. 150'± N. of 61st
B.M. #R-4 - (set.)			1772	139976	B. Spk in Lead S.W Cor. Tran. Tower # 131
TP	1429	141405 ✓	4005	137400 ✓	
TP	4980	142380 ✓	1140	141240 ✓	
T.P.	6504	147744 ✓	4374	14~~2~~3370	
⊼	2968	14~~5~~6338			T.B.M. E. si. L A River 900'± S. of Slauson Ave
T.B.M.			3347	14~~1~~2991	(Conc. Cor. of Pier) S.W. Cor Trans. Tower # 132
T.P	3261	14~~5~~6252	0550	14~~4~~5702	
⊼	9518	15~~4~~5220			T.B.M.
TBM			5213	1~~49~~50007	3/4" I.P. on P. Line L.A. River E. si. 500'± So of Slauson Ave.

Profile No. ____ Notes Red. ____ Plotted ____ Date ____ Notes Chkd. H.D.H. Date 6-18-47 Checked ____ Date ____

X-Sec. No. ____ Job No. 8381 Division No. ____ Survey of L.A. River Freeway Survey by W.E. Braden Notes Westerland Date 2-7-47 Map No. ____ Date ____

F.B. 964 Pg. 4

FORM 307 5M 7-43

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Profile ____ Plotted ____ No. ____ X-Sec. ____ No. ____

Notes Red. ____ Date ____ Notes Chkd. H.D.H. Checked ____

Job No. 8381 Division No. ____ Notes Westerland 2-7-47 Date 6-18-47

Survey of L.A. River Freeway

Survey by W.E. Bhaden Notes ____ Date ____

Indexed C. Johnson Date ____

B.V.64 Pg. 44

STATION	B. S.	H. I.	F. S.	ELEV.		
TBM				50 14 [illegible]	TBM see last pg	
	1392	15 1 309				
B.M.# R-5 (Set)			0517	14 1 592	FC Mon LA River E Side 300'± So Slauson	
	4290	14 6 181				
Set B.M.# R-6			0178	14 6 003	Set Bt Spin Lead Trol Tower # 133 So Side LA River E. Side 200'± So Slauson.	
	8168	15 4 171				
T.B.M.			4167	14 50 004	T.B.M. (see last pg)	
T.P.	5450	15 5 454	4.418	15 1 036		
T.P.	4068	15 5 104	4 427	14 50 677		
T.P.	4260	15 4 937	4 130	14 50 807		
TBM.	3290	15 4 037	5 108	14 8 989	3/4" T.P. 400'± S. Tran. Tower # 132	
T.P.	3487	15 2 476	5 402	14 7 074		
	3217	14 50 231				
BM R4.			9323	13 40 68	BMR6 Elev 139976. (See pg. 2)	
T.P.	1551	14 2 519	1.202	14 1 317		
T.P.	5130	14 6 447	9 798	13 6 649		
	4582	14 1 231				
B.M. R 3			1 331	13 9 900	BMR3 Elev 139908 (See pg 2)	
	11 583	15 1 483				
BM R2			0612	14 50 871	BMR2 Elev 140880 (See pg 1)	
T.P.	0603	15 1 474	11 122	14 40 352		

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	1 394	14~~0~~1 746	5 417	13~~5~~6 329		
	1 806	13~~7~~8 135				
BM.R.I.			0.770	13~~6~~7 365	BM.R.I. Elev. 136 379	(See Pg 1.)
T.P.	0 624	13~~6~~7 989	4 267	13~~5~~5 722		
T.P.	4 192	13~~6~~7 914	2 828	13~~4~~5 086		
T.P.	2 760	13~~6~~7 846	1 222	13~~5~~6 624		
	2 613	13~~8~~9 237				
BM.H.15~~2~~3			6 703	13~~1~~2 534	BM.H.~~152~~ (153 Chis on Cb) Elev 131.549	(See Pg 1)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 9381 Division No. ____ F.B. 964 Pg. 42
Date ____ Date ____ Survey of L.A. River Freeway
X-Sec. No. ____ Notes Chkd. H.D.H. Date 6-18-47 Checked ____ Date ____ Survey by W.E. Brader Notes Westerland Date 2/3-47
Map No. ____ Date ____ Andrew C. Johnson

Pg. 46 Job No._____ Division No._____ Notes Red._____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.	

Notes Ck'd by	Survey of L.A. River Freeway
Map No.	W. O. 8381 Tape No. -082 Std 68 °F
Office Work	Surveyed by YY E. Braden
Checked	Notes Braden Date 2/3-47
Date	Indexed A. C. Johnson 6-17-47

F.B. 964 Pg. 41

LA River Freeway

J.N. 8381

Feb 1947

Braden
Westerland
Coates
Barletti.

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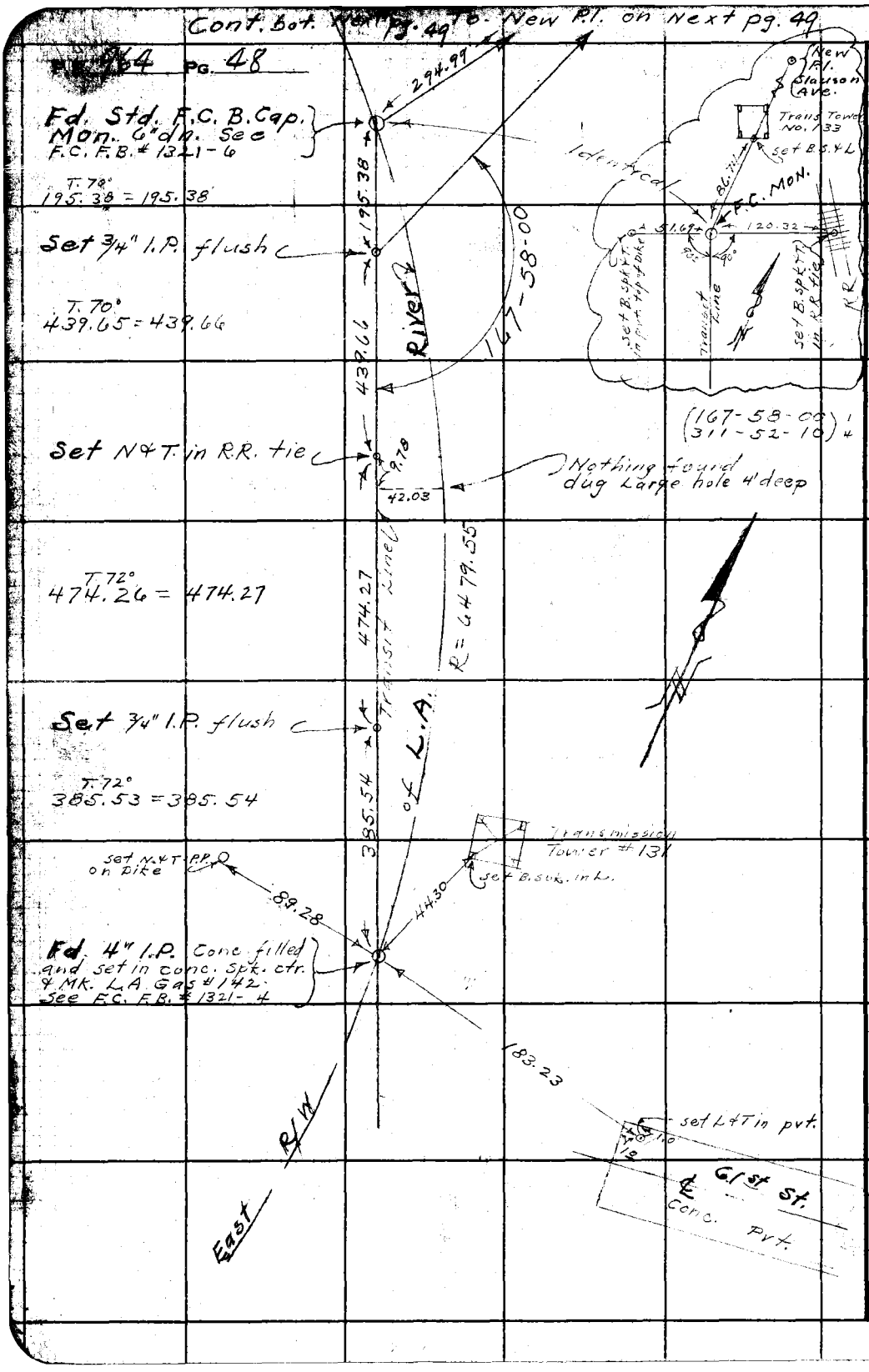
FORM 247 3M 12-49



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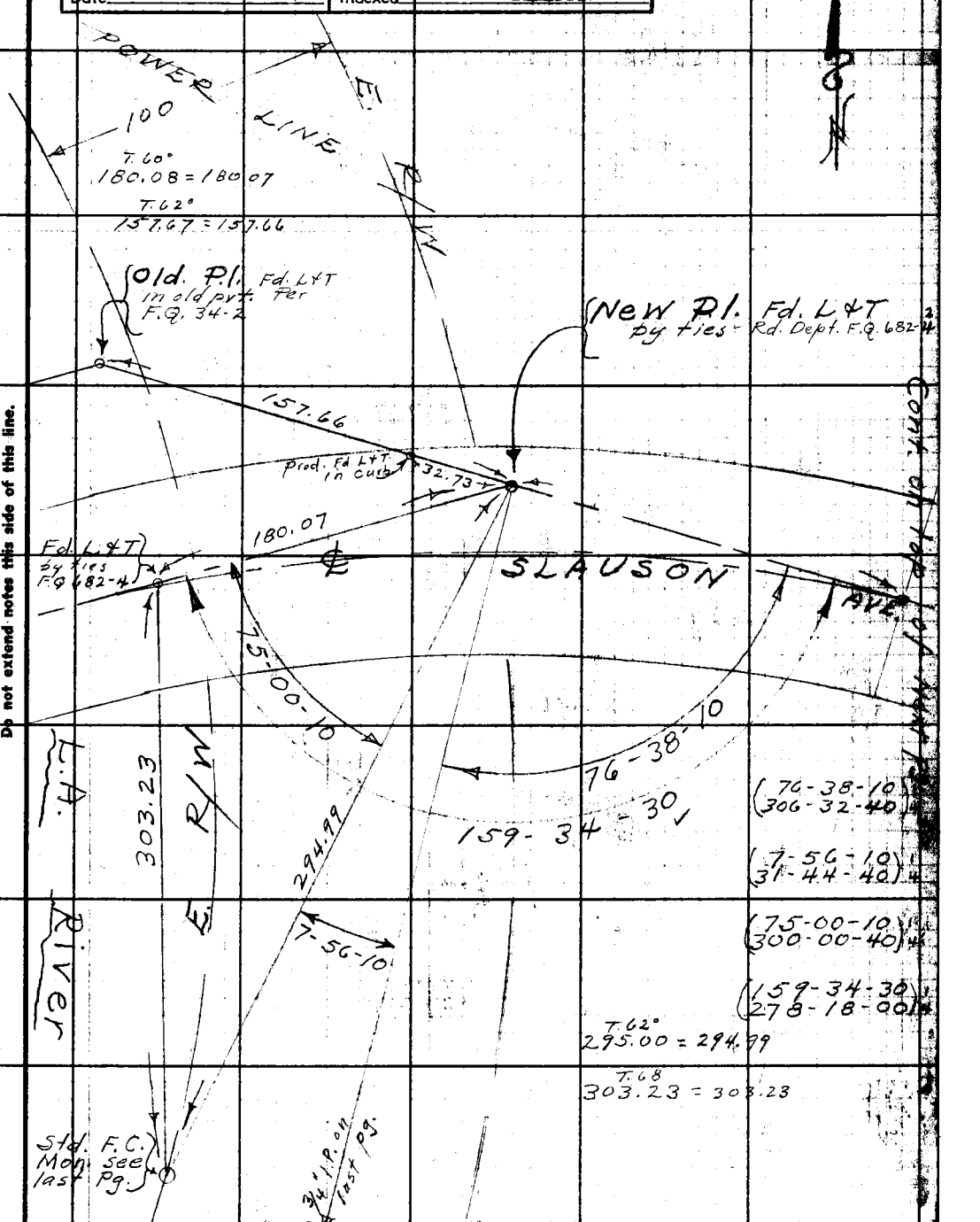
Notes Ck'd by	Survey of L.A. River Freeway
Map No.	W. O. 8381 Tape No. 082 Std 68 °F
Office Work	Surveyed by W.E. Braden
Checked	Notes Braden Date 2/4-47
Date	Indexed A. C. Johnson

F.B. 964 Pg. 49



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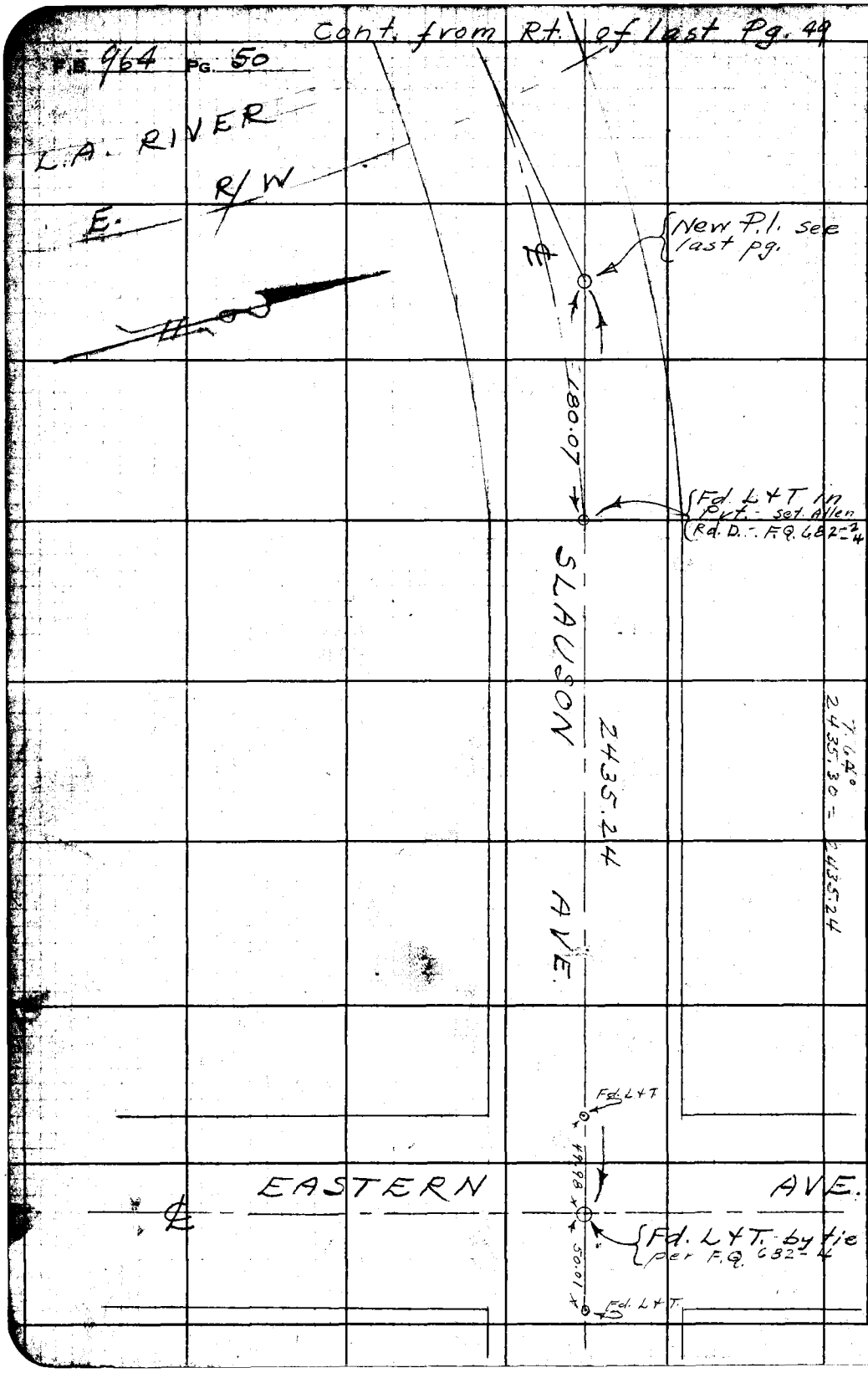
FORM 247 3M 12-49



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Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. _____ Division No. _____ F.B. _____ Pg. _____

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of _____

Survey by _____ Notes _____ Date _____

Map No. _____ Indexed _____ Date _____

STATION	B.S.	H. I.	F. S.	ELEV.	

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FORM 307 5M 7-43

F.B. PG. Job No._____ Division No._____ Notes Red._____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

STATION	B. S.	H. I.	F. S.	ELEV.

FORM 307 5M 7-43

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Profile	Notes Red.	Plotted	Job No.	Division No.	F.B. PG.
No.	Date	Date	Survey of		
X-Sec.	Notes Chkd.	Checked	Survey by	Notes	Date
No.	Date	Date	Map No.	Indexed	Date

STATION	B. S.	H. I.	F. S.	ELEV.	

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FORM 307 5M 7-43

Bk. Pg. Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

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X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____

Job No. _____ Division No. _____

Survey of _____

Survey by _____ Notes _____ Date _____

Map No. _____ Indexed _____ Date _____

F.B. PG.

STATION	B. S.	H. I.	F. S.	ELEV.	

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STATION	B. S.	H. I.	F. S.	ELEV.		

964

Profile
No.
X-Sec.
Plotted
Date
Checked
Date
Red.
Date
Notes Chkd.
Date
Job No.
Survey of
Survey by
Notes
Date
Indexed