Notes Ck'd by	Survey of	F.B. 1680 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Page	Job	Description
		BOB's GAP RD. J.N. R-407
7-12	B.M.	Bench levels
13-16	B.M.	Bench levels thru Secs. 3,4,9 & 10, T4N., R9W
17-46	B.M.	Bench levels & prof.
47-68	Align.	Align. thru Sec. 9,4,10 T4N., R9W
69-77	Align.	Align. thru Sec. 3, T4N., R9W
79-84	Prof.	Prof. line change fr. Sta. 106+96. 64 to Sta. 153+50
85-98	C.L.	Realign. fr. Pearblossom Hwy N'ly t to P.I. W-3 and Profile
99-101	C.L.	Line change fr. P.I. W-10 to W-12
103-104	C.L.	Intersec. at Ave. X-8 & 165th St.E.
105-	C.L.	Intersec. of Bob's Gap Rd., 165th S St. E. & Ave. X-8
107-108	Index	Star Peak Road J.N. 0098.23
109-170	C.L.	Survey of Star Peak Rd. betw. Bobs Gap Rd. & Pear Blossom Hwy. T.4N., R.9W.
171-174	C.L.	Line Change fr. P.I.5 to P.I. 6 Star Peak Road J.N. 0098.23
		Microfilmed April '87
		160th STREET EAST J.N. 0097.70
181-182	Index	

over

F.B. 1680 Pg.

183-218	C.L.	Survey fr. Ave. "O" to Ave. "U".				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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.

Profile No. ____ Notes Red ____ Plotted ____ Job No. R-407 Division No. ____ F.B. 1680 PG. 7

Date ____ Date ____ Survey of Bob's Gap Road

X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Walterguise Notes Terranova Date 12-4-51

Date ____ Date ____ Map No. ____ Indexed K. S. Johnson Date 1-24-52

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700 HALL OF RECORDS

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

BOB'S GAP RD.

BENCH LEVELS

J.N. - R-407

FOR RERUN OF BENCH LEVELS SEE F.B. 1680-17

PARTY D. S. WALTERGUISE
A. S. CURTIS
J. TERRANOVA
J. P. McCALL

FORM 307 10M 10-46

FORM 307 10M 10-46

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
P.I. #17				3997 922	P.I. #17 3/4" I.P. dN. 12"	El = 4009037
	9 091	4007 013				
P.I. #18			1 110	4005903	P.I. #18 3/4" I.P. dN. 12"	
	7 145	4013 048				
T.P.			2 272	4010776	T.P.	
	5 825	4016 601				
T.P.			1 095	401[illegible] 506	T.P.	
	5 479	4020 985				
T.P.			3 074	40[illegible]7 911	T.P.	
	6 225	4024 136				
T.P.			0 780	402[illegible] 056	T.P.	
	7 106	4030 462				
T.P.			1 484	402[illegible] 978	T.P.	
	9 269	4038 247				
P.I. #19			1 951	4036 296	P.I. #19 3/4" I.P. dN. 12"	
	11 270	4047 566				
P.I. #20			3 400	4044 166	P.I. #20 3/4" I.P. dN. 12"	
	5 352	4049 518				
T.P.			6 536	4042 982	T.P.	
	1 674	4044 656				
P.I. #21			6 901	4037 755	P.I. #21 3/4" I.P. dN. 12"	

FOR RERUN OF BENCH LEVELS SEE PAGE 17

F.B. 4680 PG. 8

Job No. R-407 Division No. _____ Notes Red. _____ Plotted _____ Profile _____

Survey of Bob's Gap Road Date _____ Date _____ No. _____

Survey by WALTERMIRE Notes TERRANOVA Notes Chkd. _____ Checked _____ X-Sec. _____

Indexed E. C. Johnson Date _____ Date _____ No. _____

FORM 307 10M 10-46

PLEASE RETURN TO
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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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
P.I. #21				4037 755	P.I. #21 3/4" I.P. dn. 12"
	2 247	4040 002			
T.P.			11 274	4028 728	T.P.
	0 900	4029 628			
P.I. #22			7 963	4021 665	P.I. #22 3/4" I.P. dn. 12"
	1 601	4023 266			
T.P.			9 248	4014 018	T.P.
	0 003	4014 021			
T.P.			5 945	4008 076	T.P.
	3 762	4011 838			
P.I. #23			5 546	4006 292	P.I. #23 3/4" I.P. dn 12"
	1 000	4007 292			
T.P.			9 965	3997 327	T.P.
	1 931	3999 258			
T.P.			7 989	3991 269	T.P.
	4 921	3996 190			
R.P.			9 290	3986 900	R.P. of P.I. #24
	4 053	3990 953			
P.I. #24			6 420	3984 533	P.I. #24 3/4" I.P. dn 6"
	6 175	3990 708			
T.P.			9 595	3981 113	T.P.

FOR RERUN OF BENCH LEVELS SEE PAGE 17

Profile No. ____ Notes Red ____ Plotted ____ Job No. R-407 Division No. ____
Date ____ Date ____ Survey of Bobs Gap Road
Notes Chkd ____ Checked ____ Survey by [redacted] Indexed Johnson
No. ____ Date ____ Date ____ Map No. ____ Date ____

F.B. 1680 Pg. 9

FORM 307 10M 10-46

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700 HALL OF RECORDS

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F.B. 1680 PG. 40 Job No. R-407 Division No. Bob's Gap Road

Survey of Profile No. X-Sec. No.

Survey by WALTERMIRE Notes TERRANOVA Notes Chkd. Checked

Indexed C. TODD Date Date Date Date Date Plotted Date Notes Red Date

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.				3981 113	T.P.	
	2 291	3983 404				
T.P.			5 169	3978 235	T.P.	
	9 675	3987 910				
B.M.			5 032	3982 878	B.M. CHISELED SQUARE ON INCINERATOR 66' ± E. OF P.I. #25	-178' ± S ELEV. 3982.878
	4 547	3987 425				
T.P.			11 929	3975 496	T.P.	
	1 601	3977 097				
T.P.			10 381	3966 716	T.P.	
	1 204	3967 920				
P.I. #25			11 550	3956 370	P.I. #25 CUT SPK. W. & TIN	
	1 290	3957 660				
P.I. #26			10 118	3947 542	P.I. #26 3/4" I.P.	
	4 136	3951 678				
B.M.			4 517	3947 161	B.M. LO. & SPK. IN ROCK 14' ± E. OF P.I. #26	ELEV. 3947.161 -44' ± S &
	0 815	3947 976				
T.P.			7 690	3940 286	T.P.	
	1 325	3941 611				
T.P.			7 195	3934 416	T.P.	
	8 467	3942 883				
P.I. #27			7 339	3935 544	P.I. #27 3/4" I.P.	

FOR RERUN OF BENCH LEVELS SEE PAGE -17

FORM 307 10M 10-46

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STATION	B. S.	H. I.	F. S.	ELEV.	
P.I. #27				3935 544	P.I. #27 3/4" I.P.
	1 032	3936 576			
T.P.			11 308	3925 268	T.P.
	0 771	3926 039			
P.I. #28			4 001	3922 038	P.I. #28 3/4" I.P.
	1 507	3923 545			
T.P.			7 915	3915 630	T.P.
	1 078	3916 708			
P.I. #29			7 177	3909 531	P.I. #29 - LD. & TACK IN ROCK
	2 018	3911 549			
T.P.			6 719	3904 830	T.P.
	8 383	3913 213			
P.I. #30			2 553	3910 660	P.I. #30 3/4" I.P.
	2 366	3913 026			
T.P.			12 057	3900 969	T.P.
	1 472	3902 441			
T.P.			7 285	3895 156	T.P.
	1 806	3896 962			
P.I. #31			9 100	3887 862	P.I. #31 3/4" I.P. DN. 12"
	11 174	3899 036			
T.P.			2 680	3896 356	T.P.

FOR RERUN OF BENCH LEVELS
SEE PAGE 17

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. R-407 Division No. ____
Notes Chkd. ____ Checked ____ Survey of Bob's Gap Road
No. ____ Date ____ Date ____ Map No. ____ Issued C. Johnson Date ____

F.B. 1680 PG. 5/11

F.B. 1688 PG. 6/12 Job No. R-407 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of BOB'S GAP RD. Date _____ Date _____ No. _____

Survey by WALTER MIRE Notes TERRANOVA Notes Chkd. _____ Checked _____ X-Sec.

Indexed B. C. JOHNSON Date _____ Date _____ Date _____ No. _____

STATION	B.S.	H.I.	F.S.	ELEV.
T.P.				3896.356
T.P.	1266	3897.622		
			10.150	3887.472
				T.P.
P.I. # 32	4450	3891.922		
			8.884	3883.038
				P.I. # 32 3/4" I.P. DN. 12"

FORM 307 10M 10-46

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700 HALL OF RECORDS

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76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
					BOB'S GAP ROAD	
					IN SECS. 3, 4, 9 + 10 T 4N R 9W.	
					BENCH LEVELS	
						E.A. Rosecrans
						J.P. Pierce
					Party	D.H. Beers
						S. Holiscky
						W.E. Newman

Profile No. ____ Date ____ Notes Red. ____ Plotted HNB Date 7-25-52 Job No. 4467 Division No. ____ Survey of Bob's Gap Road. F. 6680 Sh. 13

No. ____ Date ____ Notes Chkd. ____ Date ____ Map No. ____ Indexed ____ Date 9-31-5[illegible]

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
U.S. 1875	3.278	3897.069		3893.791	P.B.M. Montes 500' along road N.W. of Set in S.E. abutment of bridge No B.490 over Big Rock Creek. Bronze tablet stamped L.S.56 - 1929 Bridge Painted U.S.B.M. 3894 F.B. 537-31	
T.P.	6.319	3902.860	0.528	3896.541		
T.P	2.822	3894.545	11.137	3891.723		
T.P	0.415	3883.106	11.854	3882.691		
T.P	0.045	3872.502	10.649	3871.857		
T.P.	0.580	3863.777	9.305	3863.197		
T.P	3.805	3857.134	10.448	3853.329	Nd. in 4x4 W. side Rd	R.P.B. Sec Cor 8/9 17/16 F.B. 211-43
T.P.	0.050	3850.870	6.314	3850.820	" " " E " "	
T.P.	0.118	3838.993	11.995	3838.875		
T.P	0.020	3827.160	11.853	3827.140		
T.P.	1.508	3819.254	9.414	3817.746		
T.P	0.888	3810.639	9.473	3809.751		
T.P.	1.614	3803.690	8.563	3802.076		
T.P.	2.743	3798.333	8.100	3795.590		
T.P.	1.148	3790.697	8.784	3789.549		
P.I. #5	3.718	3784.758	9.677	3781.040	2"x2"	
T.P.	9.563	3791.216	2.085	3782.653		
P.I. #6	7.962	3798.618	0.560	3790.656	1"x2" Fl.	
B.M.	9.959	3806.484	2.093	3796.525	Set boat Spk in S.E. Cor Fn Pb.	
T.P.	12.167	3817.974	0.677	3805.807		

F.B. 1680 Pg. 14
Job No. 8407 Division No.
Survey of Bridge Loop Rd
Survey by Rosecrans Notes R Date 11-28-51
Indexed L. C. Johnson
Profile No.
X-Sec. No.
Plotted N.D. Date 7-25-57
Notes Red. Date
Notes Chkd. Date
Checked Date

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		3817.974				
T.P.	7.096	3825.070	0.000	3817.974		
			4.598	3820.472	P.I. #7 - 1x2	
B.M.	10.920	3830.774	5.216	3819.854	boat spk in N.E. Fn Cor.	
T.P.	12.006	3841.401	1.379	3829.395		
T.P.	11.159	3851.057	1.503	3839.898		
T.P.	10.700	3857.555	4.202	3846.855	P.I. #8 3/4" I.P. Dn. 2'	
T.P.	8.018	3865.345	0.228	3857.327		
T.P.	11.774	3875.014	2.105	3863.240	P.I. #9 - 3/4" I.P. Dn. 20"	
T.P.	10.117	3884.548	0.583	3874.431		
T.P.	10.450	3892.602	2.396	3882.152	P.I. #10 3/4" I.P. Dn. 12"	
T.P.	12.167	3901.119	3.650	3888.952	P.I. #11 - 3/4" I.P. Dn. 12"	
T.P.	12.268	3912.762	0.625	3900.494		
B.M.	9.280	3915.554	6.488	3906.274	P.I. #12 1x2 DN. 12"	
T.P.	11.132	3924.013	2.673	3912.881	P.I. #13 3/4" I.P. DN 18"	
T.P.	10.860	3932.355	2.518	3921.495	P.I. #14 3/4" I.P. DN. 18"	
T.P.	9.104	3940.745	0.714	3931.641		
T.P.	10.970	3950.967	0.748	3939.997		
T.P.	6.461	3956.794	0.634	3950.333		
T.P.	11.460	3963.266	4.988	3951.806	P.I. #15 3/4" I.P. DN 10"	
T.P.	11.940	3969.889	5.317	3957.949	P.I. #16 3/4" I.P. DN. 20"	

Profile Notes Red. Plotted H.N.B. Job No. R407 Division No.
No. Date Date 7-25-1952 Survey of Bob's Grp Road
No. Notes Chkd. Date 7-24-52 Date Map No. Indexed Date
F.B. 1680 Pg. 25

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3969 889				
T. P.	12 298	3981 506	0 681	3969 208		
T. P.	8 792	3989 666	0 632	3980 874		
T. P.	9 590	3998 636	0 620	3989 046		
T. P.	9 777	4007 699	0 714	3997 922	P.I. #17 3/4 i.p. dN 12"	
T. P.			3 662	4004 037	ELVV.	

F. S. 1680 No. 16
Job No. Tree Division No. Notes Red. Plotted Profile
Survey of Bob's Gap Road Date Date No.
Survey by Rosecrans Notes Pierce Notes Chkd. Checked X-Sec.
Indexed R. O. Johnson Date 11-29-51 Date Date No.

Profile	Notes Red	Plotted	Job No. R407	Division No.	F. B. 1680 Pg. 17
No.	Date	Date	Survey of Bobs Gap Rd		
[illegible]	Notes Chkd	Checked	Survey by R L Willey	Notes [illegible]	Date [illegible]
No.	Date	Date	Map No.	Indexed E. C. Johnson	Date 3-31-52

BENCH LEVELS AND
PROFILE
BOBS GAP RD.
R407

March 1952
R L Willey
L V Smith
J W S Moore
R C Bowers Jr
J P McCall

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

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76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
USBM 1875	2,834	3896,625		38[illegible]791	USBM 1875 El = 3893791 FB 537-31 in SE abutment of bridge #B490 over Big Rock creek, fd bronze Tablet mked LS 561929
TP	9,923	3898,493	8055	38[illegible]570	
TP	1224	3891,096	8621	38[illegible]872	
TP	0963	3881003	11056	38[illegible]40	
TP	2283	3874939	8347	38[illegible]656	
set BMW-1	0180	3867796	7323	386[illegible]616	set BMW-1 Bobs Gap Rd E side 550'± S of sec cor 8-9-17-16 set bt spk W side PP# 656054E T4N R9W
TP	2033	3860064	9.765	3858031	
TBM	3652	3856,972	6,744	3853,320	4x4 post El = 3853,329 per pg #4 RP 42' SW of sec cor 8/9 17/16 T4N R9W
"	1087	3851,897	6.162	3850,810	4x4 post El = 3850,820 per pg #4 42' NE of sec 8-9-17-16 TNN R9W
TP	1,072	3841,468	11,501	3840,396	
TP	0554	3831,033	10,989	3830,479	
TP.	1,520	3822,159	10,394	3820,639	
BMW-2	0861	3813,338	9,682	3812,477	BMW 2 Bobs Gap E side 1046'± N of sec cor 8/9 17/16 T4N R9W set spk in W side PP# 878193E
BC 31+5150			609	3807,25	bt spk
32+00			798	3805 36	1X1
32+50			952	3803,82	1X1
TP	1,688	3805.285	9.741	3803,597	1X2
33+00			288	3802 40	1X1
33+50			309	3802 19	1X1
34+00			516	3800 12	1X1

F.B. 1680 Pg. 18
Job No. 8407 Division No. Bobs Gap Rd
Notes Red. RLW Plotted HNB Date 7-25-52 No.
Survey of
Survey by RL Willey Notes RLW Checked
Indexed C. Johnson Date 7-24-52 Date No.
Profile X-Sec.

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
34+50		3805.285	6.42	379886	1X1	
35+00			7.26	379802	1X1	
35+50			8.22	379706	1X	
T.P.	3041	3800.546	7.780	3797.505	1X1	
36+00			3.46	3797.09	1X1	
36+50			4.79	379576	1X1	
37+00			4.72	379583	1X1	
37+50			6.39	379416	1X1	
38+00			7.35	379320	1X1	
38+36.30 EC			7.84	3792.71	1X2	
T.P.	1297	3794.623	7.220	3793.326	1X1	
38+50			2.38	379224	1X1	
39+00			4.18	379044	1X1	
39+50			6.41	378821	1X1	
40+00			7.32	378730	1X1	
T.P.	1.559	3786.625	9.557	3785.066	1X1	
40+50			2.18	378444	1X1	
41+00			4.06	378256	1X1	
41+50			5.14	378148	1X1	
42+00			5.92	378070	1X1	
42+50			6.18	378044	1X1	

Profile Notes Red RLW Plotted HNB Job No. R407 Division No. F. B. 1680 Pg. 19
No. Date Date 7-25-52 Survey of Bldg Gap Rd
No. Date 7-24-52 Date Map No. Added Johnson Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3786.625				
T.P.	7.638	3789.062	5.201	378[illegible].24		
T.O.I. 42+78.76			7.61	378145	1x1	
43+00			[illegible]	3781.31	1x1	
43+50			6.41	378265	1x1	
44+00			5.11	378395	1x1	
44+50			3.15	378571	1x1	
45+00			1.09	378[illegible]7	1x1	
T.P.	9.783	3797.857	0.988	3788.074		
45+50			7.92	378[illegible]4	1x1	
46+00			5.47	3792.39	1x1	
46+50			3.52	379[illegible]4	1x1	
BM	9.923	3806.373	1.407	379[illegible].50	Spike in fence post	
47+00			9.86	379[illegible]7	1x1	
47+50			7.09	379[illegible]28	1x1	
48+00			3.56	380[illegible]1	1x1	
48+50			0.67	380[illegible]0	1x1	
T.P.	11.061	3816.753	0.681	3805.692		
B.C. 48+83.31			8.03	380[illegible]2	1x2	
49+00			6.36	3810.39	1x2	
49+50			3.71	3813.04	1x2	Bot TWK

F. B. 1690 Profile
Survey of Bass Gap Rd Division No. X-Sec.
Survey by R. L. Miller Job No. Notes Red R.L.W. Plotted KNB No.
Indexed K. C. Tolansson Notes R.L.W. Date Notes Chkd. Date 1-25-50 Checked Date 1-24-50

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		3816.753				
T.P.	7.889	3825.597	1.045	3815.708		
49+9			1.5	3824.1	Top Bk	
50+00			2.99	3822.61	1X1	
50+11			4.11	3821.49	Bot. Bk	
50+50			2.76	3822.84	1X1	
T.B.M	9.784	3829.577	5.804	3819.793	N.E. Cor Fence Post	
50+80			3.4	3826.2	Top Bk	
50+85			5.0	3824.6	Bot. Bk	
51+00			3.35	3826.23	1X1	
P.I.					BM W3 = PI W-2	
BM-W-3	10.811	3837.822	2.566	3827.011	set B.C. P+B.C. in conc	Mked BM W3
51+37			9.5	3828.3	Bot. Bk.	
51+42			7.2	3830.6	Top Bk	
51+50			6.56	3831.26	1X1	
52+00			0.89	3836.93	1X1	
T.P.	11.289	3848.397	0.714	3837.108		
52+50			7.20	3841.20	1X1	
53+00			3.38	3845.02	1X1	
53+50			1.30	3847.10	1X1	
E.C. 53+58.44			0.83	3847.57	1X2	
B.C. 53+67.22			0.55	3847.85	1X2	

Profile Noted Red: RLYY Date Plotted HNB Date 7-25-52 Job No. 2407 Division No. 680 File 21
No. Date 7-24-52 Date Survey of Map No. Andrew Johnson Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3848.397				
T.P.	11.056	3858.615	0.838	3847.559	1X1	
54+00			8.04	3850.57	1X1	
54+38			2.38	3856.23	Top Bk.	
54+50			1.93	3856.68	1X1	
T.P.	10.710	3868.229	1.096	3857.519		
54.80			9.2	3859.[illegible]	Top	
55+00			9.97	3858.26	1X1	
55+13			9.8	3858.4		
55+50			1.82	3866.41	1X1	
T.P.	10.289	3875.289	3.229	3865.000		
56+00			7.83	3867.46	1X1	
56+09			10.6	3864.7	Bot drain	
TP	12.153	3886.874	0.568	3874.721		
56+50			8.27	3878.60	1X1	
56+74			3.2	3883.7	Tbrk	
EC. 56+95.71			6.33	3880.54	1X2	
57+00			6.52	3880.35	1X1 bot drain	
57+50			8.52	3878.35	"	
T.P.	5.193	3890.876	1.191	3885.683		
57+92			3.5	3887.4	Tbrk	

Job No. 2407 Division No. Notes Red. RLYY Plotted HNB Profile
Survey of Bobs Gap Rd Date Date 7-25-52 No.
Survey by R.L. Kelley Notes RLYY Notes Chkd. JB Checked X-Sec.
Indexed E. C. Johnson Date Date 7-24-52 Date No.

F.B. 1690 PG. 22

761.298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
58+00		3890,876	365	3887,22	1X1
58+32			83	3882,6	bot drain
58+50			856	3882,32	1X1
58+84			791	3882,97	bot cut
59+00			521	3885,67	T cut
59+50			325	3887,63	1X1
T.P.	10.118	3900,576	0,418	3890,458	1X2
59+88			96	3891,0	T brk
60+00			956	3891,02	1X1
60+50			844	3892,14	"
61+00			360	3896,98	1X1
61+1447 BC			014	3900,44	1X2
T.P.	11.998	3910,702	1,872	3898,704	
61+29			657	3904,13	Top brk
61+50			9.29	3901,41	1X1
61+72			82	3902,5	T brk
62+00			944	3901,26	1X1 bot brk
62+22			8,4	3902,3	" "
62+40			+0,8	3911,5	T brk
62+50			056	3910,14	1X1
62+79			47	3906,0	bot "

Profile Notes Red Elev Plotted HNB Job No. P407 Division No. F. B. 1680 Pg. 23
No. Date Date 7-25-52 Survey of [illegible]
Notes Cut [illegible] Survey by [illegible]
No. Date 7-24-52 Date Map No. Indexed Johnson Date

F. B. 1610 Pg. 24 | Profile | Plotted HNB Date 7-25-52 | Notes Red. RLW Date | Notes Chkd. JB Date 7-24-52 | Checked Date | No. | X-Sec. No.

Survey of Bloomfield Gap Rd | Division No. | Job No. 2407

Survey by Bailey | Notes DLW

Indexed L. C. Johnson Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
63+00		3910.702	3 80	3906.90	1X1	
63+27			27	3908.2	bot brk RPR 1 W-4	
T.BM	11,760	3919.029	3,433	3907.269	TBM 3/4" IP 69'13 S of P1 W4 on S side of drain.	
63+50			596	3913.07	1X1	
63+60			220	3916.73	T brk	
63+79			64	3912.6	Bot "	
T.P.	11379	3930.280	0.128	3918.901		
64+00			10 76	3919.52	1X1	
64+21			30	3927.3	T brk	
EC 64+27.56			222	3928.06	1X2	
T.P. pot.	5,193	3933.721	1.752	3928.28		
64+53.08			1.30	3932.42	3/4" IP. Pot	
BC. 64+56.90			215	3931.57	1X2	
64+76			65	3927.2	bot brk	
65+00			419	3929.53	1X1 Top "	
65+25			10 2	3923.2	bot brk	
65+50			856	3925.76	1X1 bot. drain	
65+79			6.0	3927.2	" brk	
TP	8,838	3942.298	0261	3933.460		
66+00			646	3935.84	1X2	
66+15			18	3940.5	T brk	

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
66+50		3942.298	7.54	3934.76	1x1	
66+76			10.5	3931.8	b brk	
66+86			7.5	3934.8	T "	
67+00			6.90	3933.40	1x1	
67+20			7.6	3934.7	bot draw	
TP	6.524	3948.144	0.678	3941.620		
67+50			6.04	3942.10	1x1	
EC 67+5443			4.88	3943.26	1x2	
67+65			3.2	3944.9	T brk	
68+00			7.80	3940.34	1x1	
68+21			9.7	3938.4	b brk	
68+50			6.32	3941.82	1x1	
68+67			6.63	3941.51	bot "	
69+00			2.30	3945.84	1x1	
BC 69+0970			0.48	3947.66	1x2	
TP	11.027	3958.631	0.540	3947.604		
69+35			6.4	3952.2	T brk	
69+50			8.01	3950.62	1x1	
69+63			10.4	3948.2	bot brk	
69+92			4.8	3953.8	T brk	
70+00			5.19	3953.44	1x1	

Profile No. ____ Date ____ Notes Red RLW Plotted HNB Job No. R407 Division No. ____ F. B. 1680 Pg. 25
Notes Chkd TP Date 7-25-52 Survey of Rock Gap Rd
No. ____ Date 7-24-52 Date ____ Map No. ____ Survey by R. Willey Date 3-5-52
Chkd Johnson Date ____

764298 307 4-50

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F.B. 1680 Pg. 26
Job No. 2407 Division No.
Survey of Bobs Gap Rd
Survey by Blkwlley Notes
Indexed L. C. Johnson Date
Notes Red. RLW Date
Notes Chkd. JB Date 7-24-52
Plotted HNB Date 7-25-52
Checked Date
Profile No.
X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.		
70+13		3958631	5.5	3953.1	bot brk	
70+30			2.0	3956.6	T "	
70+50			409	3954.54	1X1	
70+83			5.3	3953.3	b. brk	
71+00			3.82	3954.81	1X1	
71+11			0.00	3958.63	T brk	
TP	12.060	3990.268	0.423	3958.208		
71+50			9.12	3961.15	b " 1X1	
71+91			0.7	3969.5	T "	
EC 71+98.26			1.02	3969.25	1X2	
72+00			1.63	3968.54	1X1	
72+27			7.0	3963.3	bot brk	
TP	10.649	3980.447	0.470	3969.798		
72+50			9.36	3971.99	1X1	
72+70 POT			2.17	3978.28	1X2 pot T. brk	
73+00			9.46	3970.99	1X1	
73+36			1.21	3968.3	bot brk	
73+44			1.01	3970.3	T "	
73+50			11.17	3969.28	1X1	
73+73			5.3	3975.1	T brk	
74+00			4.86	3975.59	1X1	

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STATION	B. S.	H. I.	F. S.	ELEV.	
74+29		3980.447	76	3972.8	bot brk
74+50			677	3973.68	1X1
74+81			33	3977.1	Top brk
75+00			352	3976.93	1X1
75+07			55	3974.9	bot "
75+12			34	3977.0	T "
75+50			025	3980.20	1X1
T.P.	10.580	3990.393	0.634	3979.813	
76+0072	BC		816	3982.23	BC 1X2
76+50			520	3985.19	1X1
76+73			460	3985.79	T brk
77+00			434	3986.05	1X1
77+50			1.75	3988.64	"
TP	10.282	4000.147	0.528	3989.865	
78+00			918	3990.97	1X1
+50			682	3993.33	"
TP	11.607	4011.213	0.541	3999.606	
79+00			986	4001.35	"
EC 79+0654			9.02	4002.19	1X2
Pot 79+1903			871	4002.50	1X2
79+50			711	4004.10	1X1

Profile Notes Red. RLW Plotted HNB Job No. R407 Division No. F. S. Pg. 27
No. Date Date 7-25-52 Survey of Robs Gov R.
No. Date 7-24-52 Date Survey by Date
Map No. Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
80+00		4011,213	691	4004,30	1X1	
+50			417	4007,04	"	
81+00			293	4008,28	"	
+50			272	4008,49	"	
82+00			357	4007,64	"	
+50			175	4009,46	"	
83+00			161	4009,60	"	
TP	8,777	4018,575	1,415	4009,798	1X2	
83+50			737	4011,20	1X	
84+00			581	4012,76	"	
+50			475	4013,83	"	
85+00			415	4014,43	"	
+50			294	4015,64	"	
86+00			184	4016,74	"	
T.P.	8,588	4026,129	1,034	4017,541	1X2	
86+50			810	4018,03	"	
87+00			810	4018,03	"	
+50			741	4018,72	"	
88+00			652	4019,61	"	
+50			551	4020,62	"	
89+00			554	4020,59		

F. B. 1680 Pg. 28
Job No. RA07 Division No. ____ Notes Red. RLW Plotted HNB Profile
Survey of Bob's Gap Rd Date ____ Date 7-25-52 No. ____
Survey by R.L. Willey Notes R.L.W. Notes Chkd. TB Checked ____ X-Sec.
Indexed K. O. Johnson Date ____ Date 7-24-52 Date ____ No. ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
89+50		4026.129	3.94	4022.19	1X1
90+00			3.63	4022.50	"
+50			3.12	4023.01	"
91+00			2.40	4023.73	"
T.P. POT	7.320	4032.221	1.228	4024.901	1X2
91+47.44			8.00	4024.22	1X2
92+00			7.24	4024.98	1X1
+50			6.31	4025.91	"
93+00			5.27	4026.95	"
+50			3.68	4028.54	"
94+00			2.49	4029.73	"
+50			1.44	4030.78	"
T.P.	9.667	4041.112	0.776	4031.445	1X2
95+00			9.52	4031.59	1X1
+50			8.35	4032.76	"
96+00			6.90	4034.21	"
96+50			5.21	4035.90	"
97+00			3.10	4038.01	"
97+50			1.08	4040.03	
TP	9.110	4050.165	0.057	4041.055	
98+00			7.85	4042.31	

Profile Notes Red ELRV Plotted HNB Job No. 8407 Division No. F. B. 1680 Pg. 29
No. Date Date 7-25-52 Survey of Bolsa Gulf Rd
Notes Chkd. Checked Survey by [illegible] Date [illegible]
No. Date Date Map No. Indexed Johnson Date

76L398 307 4-50

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61205
4060801
404

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F.B. 1680 Pg. 30 | Job No. 2407 Division No. | Notes Bed. ELW Plotted HNB Date 7-26-57 No. | Profile | Survey of Rel. Grp. Rd. | Notes Chkd. Checked | X-Sec. | Survey by Hillis | Notes ELW | Indexed E.C. Johnson Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		4050165			POT = old PI #19. fd 3/4" IP c/n 12"	
old PI #19						
98+18.46	11.005	4053443	7.727	4042438		
TP	9.135	4062023	0.555	4052888		
BMW-4	0.812	4061.613	1.222	4060801	BM #W-4 set 2" IP + BC in conc mkd BMW-4 40' N of ℄ sta. 99+95.30 on W line sec 9	
post	0.764	4053.653	8.724	4052889		
old PI #19	1.552	4043991	11.214	4042439	old PI #19 98+18.46	
TP	1.543	4035.381	10.153	4033.838		
TP	2.149	4028502	9.028	4026.353		
TP	1.054	4022.788	6.768	4021.734		
TP	1.858	4017.108	7.538	4015.250		
TP	2.930	4009612	10.426	4006.682		
old PI #17	2.944	4006989	5.567	4004.045	old PI #17 sec pg #16 El = 4004.037	
TP	1.613	3997039	11.563	3995.426		
TBM	0.778	3988.532	9.285	3987.754	TBM RPPI fd 3/4" IP 46.2 S of PI #7	
TP	0.869	3977.836	11.565	3976.967		
TP	1.417	3967502	11.751	3966.085	old PI #16 El = 3957.949	
old PI #16	2.045	3959989	9.558	3957.944	fd 3/4" IP sec pg #15	
	0.362	3948.898	11.453	3948.536		
sta 68+00	0.145	3940495	8.548	3940.350		
TP	0.757	3929474	11.778	3928.717		
TP	0.108	3918.498	11.084	3918.390		

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3918498'				
TP	0.968	3908.954	10.512	3907.986		
TBM	0.457	3907.742	1.669	3907.285	TBM RPPI #W4	
	1.726	3898304	11.164	3996.578		
old PI #11	2.770	3891706	9.368	3888.936	old PI #11 see pg #15 3888.952 fd 3/4" IP	
old PI #10	1.318	3883452	9.572	3882.134	old PI #10 = post El = 3882.151 fd 3/4" IP	
	0.456	3872571	11.337	3872.115		
	1.466	3863730	10.307	3862.264		
	0.163	3852.221	11.672	3852.058		
Sta. 52+50	0.635	3841843	11.013	3841.208		
TP	2.549	3833.005	11.387	3830456	TBM # RPPI W-2 50' W of PI #W-2	
TBM RPPI W-2	7.487	3831.141	9.351	3823.654	TBM = RPPI W2 fd 3/4" IP 50' W PI #W2	
B.M. W-3	2.140	3829.173	4.108	3827033	Mon. B.M. W-3 = P.I. W-2 see pg #21	
Spk. in Post B.M.	2.272	3822.090	9.355	3819.818	Spk. in cor fence post Rosecrans (38[illegible].854) see pg #15	
T.P.	0.325	3811.548	10.867	3811223		
T.P.	2.835	3803.182	11.201	3800347	see pg #14	
Spk. in Post B.M.	0.710	3897.181	6.711	3796.471	Bk. Spk. So. E. Cor Fn. Po. Rosecrans (379[illegible].525)	
T.P.	0.900	3786.939	11.142	3786.039		
T.P.	4.514	3784.262	7.191	3779.748		
Old P.I. #5	9.171	3790.143	3.290	3780.972	2x2	Rosecrans (3781.020)
T.P.	9.270	3798.471	0.942	3789.201		

Profile Notes Red RLW Plotted KNB Job No. R407 Division No. F.E. 1680 Pg. 31
No. Date Date 7-25-52 Survey of [illegible]
Notes Civil Checked Survey by [illegible]
No. Date 7-24-52 Date Map No. Indexed Johnson Date

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile No. ____ Notes Red. ____ Date ____ Plotted HNP Date 7-25-52
X-Sec. No. ____ Notes Chkd IB Date 7-24-52 Checked ____ Date ____
Job No. R407 Division No. ____ Pg. 32
Survey of Pobs Map Pg
Survey by BLW, Hed Notes Moore
Indexed C. Johnson Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
		3798.471				
T.P.	9.584	3806.495	1.560	3796.911		
T.P.	8.335	3814.059	0.771	3805.724		
B.M. W-2	9.450	3821.959	1.550	3812.509	Spk. in W. Side P.P. # 878193	
T.P.	9.671	3829.990	1.640	3820.319		
T.P.	11.886	3841.174	0.702	3829.288		
T.P.	11.482	3851.967	0.689	3840.485		
T.B.M.			1.121	3850.846	RP, sec cor 8,9 / 17,16 T4N R9W fd 4x4 post 42" NE sec cor	see pg 14
BM # W 4	0.033	4060.834		4060.801	BMW-4 see pg # 30 fd 2" IP+BC in conc 40' N. of Sta 99+95.30	
T.P.	4.622	4055.661	9.795	4051.039		
98+50			11.04	4044.62	1x1	
98+70			10.0	4045.7	Bot Brk	
98+80			7.4	4048.3	Top Brk	
99+00			7.36	4048.30	1x1	
99+50			3.44	4052.22	1x1	
99+89.03			0.74	4054.92	1x2 Pot. Int. Random Line of Sec Line	
100+00			0.23	4055.93	1x1	
T.P.	5.284	4059.477	1.468	4054.193		
100+50			2.64	4056.84	1x1	

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		4059 477				
101+00			1.74	405774	1X1	
POT 101+35.89			2.45	405703	1X2 POT	
B.C. 101+69.76			5 19	405429	1X2 BC	
102+00			5.48	4054.00	1X1	
102+50			7.77	4051.71	1X1	
T.P.	1.281	4052.203	8555	4050922		
103+00			2.21	404999	Top Brk 1X1	
103+10			4.1	40481	Bot. "	
103+50			5.39	404681	1X1	
104+00			6.71	404549	1X1	
104+50			7.29	404491	1X1	
105+00			7.56	404464	1X1	
T.P.	3.500	4048.002	7.701	4044.502	1X2	
E.C. 105+26.53			3.71	404429	Top Brk	
105+50			3 98	404402	Bot. " 1X1	
105+60			1.8	40462	Top "	
106+00			2.39	404561	1X1	
106+50			1.94	404606	1X1	
106+68			4 5	4043.65	Bot. Brk	
POT 106+96.54			2.74	404526	POT 1X2	

Note
See pg #79 for profile of Line change.

Profile Notes Red Plotted HNB Job No. 8407 Division No. F. S. 1680 Pg. 33
No. Date Date 7-25-52 Survey of Bob Gan Rd
No. Date 7-24-52 Date Map No. Red Job No. Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		4048.002				
T.P.	1.227	4037.714	11.515	4036.487		
Old P.I. #22	2.068	4029.911	9.871	4027.843	3/4" I.P. dn. 12"	See Pg. 9
T.P.	1.003	4019.463	11.451	4018.460		
T.P.	0.3[illegible]	4012.179	7.594	4011.569		
T.P.	0.386	4002.306	10.259	4001.920		
T.P.	5.748	3996.827	11.227	3991.079		See Pg. 10
T.B.M.	0.672	3989.669	7.830	3988.997	Chiseled □ on incinerator 178' So. & 66' E. of P.I. #25	
T.P.	0.866	3980.391	10.144	3979.525		
T.P.	1.302	3970.550	11.143	3969.248		
Old P.I. #25	0.788	3963.266	8.072	3962.478	Spk. Washer & Tin.	See Pg. 10
T.P.	0.714	3952.467	11.513	3951.753		
T.P.	0.406	3942.640	10.233	3942.234		
T.P.	9.009	3950.441	1.208	3941.432		
B.M. W-5	0.929	3949.455	1.915	3948.526	Mon. ±90' E. & ±40' So. of P.I. #28 — Set 2" I.P. & B.C. in conc. Mked B.M.-W-5	
T.P.	1.175	3938.972	11.658	3937.797		
T.P.	0.657	3928.684	10.945	3928.027		
T.P.	1.502	3918.138	-12.048	3916.636		
T.P.	0.372	3909.890	8.620	3909.518		
T.P.	3.325	3902.003	11.212	3898.678		
Old P.I. #31	10.754	3904.694	8.063	3893.940	3/4" I.P. dn. 14"	See Pg. 11

Page 54 Job No. 2A-2 Notes Red. Plotted KND Date 7-26-52 No. X-Sec.
Survey by R. L. Wiley Notes Chkd. T.B. Checked Date 7-14-52 No.
Indexed Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
		3904.694			
T.P.	5.773	3906.118	4.354	3900.340	
New P.I.#?	2.109	3901.542	6.680	3899.433	3/4" I.P.
T.P.	2.700	3893.034	11.208	3890.334	
152+50			8.06	3884.97	.1x1
153+00			9.62	3883.41	1x1
T.P.	2.176	3883.082	12.128	3880.906	
153+50			2.61	3880.47	.1x1
154+00			5.90	3877.18	Top Brk 1x1
T.P.	0.847	3872.844	11.085	3871.997	
154+40			9.7	3863.1	Bot Brk
154+50			8.69	3864.15	.1x1
T.P.	5.081	3876.423	15.02	3871.342	
P.O.T. 155+02.85			1.71	3874.71	.1x2
155+50			6.06	3870.36	.1x1 Top Brk.
T.P.	0.254	3866.068	10.609	3865.814	
156+00			8.52	3857.55	.1x1 Bot Brk
156+50			6.31	3859.76	.1x1 Top Brk
B.C. 156+75.30			4.26	3861.81	.1x2
157+00			6.71	3859.36	1x1
157+18			12.2	3853.9	Bot "

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted HNB Date 7-25-52 Job No. P-4442 Survey of Robles Fwy Div. No. ____ F. B. 1660 Pg. 32

No. ____ Date 7-24-52 Date ____ Map No. ____ Rudolph Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	
		3866.068			
157+43			11.3	3854.8	·Bot. Brk.
157+50			10.04	3856.03	·1X1
157+60			6.7	3859.4	·Top Brk
158+00			7.39	3858.68	·1X1
T.P.	0.318	3858.038	8.348	3857.720	·
158+50			1.47	3856.57	·1X1
159+00			5.89	3852.15	·1X1
E.C. 159+04.04			5.75	3852.29	·1X2
159+50			5.52	3852.52	·1X1
160+00			5.85	3852.19	·1X1
160+50			8.02	3850.02	·1X1 Top Brk.
T.P.	0.922	3850.678	8.282	3849.756	·
161+00			5.28	3845.40	·1X1
161+50			9.89	3840.79	·1X1
T.P.	0.107	3839.390	11.395	3839.283	·
162+00			3.65	3835.74	·1X1
162+50			8.62	3830.77	·1X1
162+74			12.0	3827.4	·Bot. Brk
163+00			11.58	3827.81	·1X1
P.O.T. 163+24.22			10.91	3828.48	·

F. B. 1680 Pg. 36 Job No. R407 Division No. Notes Red. Plotted HNB Profile
Survey of Bobs Gap Rd Date Date 7-25-52 No.
Survey by R.L. Willey Notes Moore Notes Chkd JB Checked X-Sec.
Indexed C. Johnson Date Date 7-24-52 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3839.390				
T.P.	4.021	3832.924	10487	3828.903	·	
163+50			4.81	3828 11	· 1x1	
164+00			657	3826.35	· 1x1	
164+50			8.62	3824 30	· 1x1	
164+84.45			9.69	3823 23	· 3/4 I.P. Int. of Sec. Line	
165+00			11.27	3821 65	· 1x1	
T.P.	0.420	3823.041	10303	3822.621	·	
165+50			5.42	3817 62	· 1x1	
B.C. 165+91.49			6 82	3816 22	· 1x2	
166+00			7.40	3815.64	· 1x1	
166+50			9.33	3813 71	· 1x1 Bot Brk	
167+00			3.60	3819.44	·	
P.I. W-C	8.374	3827.905	3 510	3819.531	· 3/4 I.P. 2" Above	
167+50			1.45	3826 45	1x1	
T.P.	1.458	3817.459	11.904	3816.001	·	
168+00			7.45	3810.01	· 1x1	
168+25			14.6	3802 9	· Bot Drain	
168+50			11.16	3806 30	· 1x1	
168+88			6.3	3811 2	Top Brk	
169+00			9 13	3808 33	· 1x1	

Profile Notes Red. Plotted KNB Job No. P407 Division No. F. B. 1680 Pg. 37
No. Date Date 7-25-52 Survey of Robt. Gan Rd
No. Date 7-24-52 Date Map No. [illegible] Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3817.459			Top	
E.C. 169+22.27			9.00	3808.46	1X2	
T.P.	0.332	3806.919	10.572	3806.587		
169+50			4.79	3802.13	1X1	
169+82			9.1	3797.8	Bot. Brk	
170+00			9.07	3797.85	1X1	
170+25			11.3	3795.6	Bot Brk	
170+50			10.47	3796.45	1X1	
T.P.	10.220	3805.902	11.237	3795.682		
1/4 Cor. 3+4	2.388	3805.598	2.692	3803.210	1/4 Sec 3-4 T4N R9W Fd 2" IP & BC in conc. 250'± E of PI # W?	
T.P.	3.252	3798.940	9.910	3795.688		
171+00			0.94	3798.00	1X1	
P.O.T. 171+48.44			1.22	3797.72	1X2	
172+00			5.08	3793.86	1X1	
172+50			8.20	3790.74	1X1	
T.P.	2.698	3793.239	8.399	3790.541		
173+00			6.72	3786.52	1X1	
173+40			7.3	3785.9	Bot Brk	
173+50			4.54	3788.70	1X1	
173+65			2.4	3790.8		
174+00			4.25	3788.99	1X1	

F. B. 1680 Pg. 38
Job No. 240 Division No.
Survey of Bobs Gap Rd
Survey by P. Lawler Notes Moore
Indexed J. C. Johnson Date
Notes Red. Date
Notes Chkd. HNB Date 7-24-52
Plotted HNB Date 7-25-52
Profile No.
X-Sec. No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3793.239				
174+50			9.50	3783.74		
B.C. 174+69.55			11.76	3781.48	.1x2	
175+00			10.19	3783.05	.1x1	
Old P.I. #36	8.067	3789.765	11.541	3781.698	.Spk Washer & Tin	
175+50			8.37	3781.39	.1x1	
175+70			10.5	3779.3	.Bot. Brk	
176+00			8.46	3781.30	.1x1	
176+50			6.47	3783.29	.1x1	
177+00			5.52	3784.24	.1x1 Top Brk.	
T.P.	4.120	3792.167	1.718	3788.047	.	
B.M. W-6	0.383	3791.262	1.288	3790.879	.2" I.P. & B.C. in conc. 63.6' W. = R.P.P.I. #	
177+50			7.95	3783.31	.1x1	
178+00			10.45	3780.81	.1x1	
T.P.	0.314	3780.637	10.939	3780.323	.	
178+50			2.89	3777.75	.1x1	
E.C. 178+70.98			2.80	3777.84	.1x2	
179+00			4.52	3776.12	.1x1	
179+50			8.52	3772.12	.1x1	
T.P.	0.240	3770.518	10.359	3770.278	.	
180+00			2.29	3768.23	.1x1	

Profile Notes Red ____ Plotted HNB Job No. E407 Division No. ____ F. B. 1680 Pg. 39
No. ____ Date ____ Date 7-25-52 Survey of [illegible]
Notes Chkd. [illegible] Checked ____ Survey by [illegible]
No. ____ Date 7-24-52 Date ____ Map No. ____ Indexed Johnson Date ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
		3770.518			
180+50			6.68	3763 ~~54~~ 83	·1X1
181+00			7.60	3762 92	·1X1
181+50			10.45	37[illegible] 07	·1X1
T.P.	1.069	3760.538	11.049	3759.469	
182+00			3.76	3756 78	·1X1
182+50			7.20	3753 34	·1X1
183+00			10.94	3749 60	·1X1
T.P.	0.372	3749.481	11.429	3749.109	
183+50			3.94	3745 54	·1X1
184+00			7.15	3742 33	·1X1
184+50			9.55	3739 93	·1X1
T.P.	0.424	3739.411	10.494	3738.987	
185+00			3.10	3736 31	·1X1
185+50			5.10	3734 31	·1X1
186+00			8.21	3731 20	·1X1
186+50			10.98	3728 43	·1X1
T.P.	0.863	3729.561	10.713	3728.698	·11
187+00			3.60	3725 96	·11
187+50			5.77	3723 79	r. swale
187+85			4.2	3725 4	T brk

F. B. 1680 Pg. 40 | Job No. 2407 Division No. | Notes Red. | Plotted HNB | Profile
Survey of Bobs Gap Rd | Date | Date 7-25-52 | No.
Survey by R. L. Willey | Notes Moore | Notes Chkd TB | Checked | X-Sec.
Indexed R. C. Johnson | Date | Date 7-24-52 | Date | No.

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
188+00		3729.561	522	372434	.1X1
188+24			8 3	3721.3	Swale
188+50			6.60	372296	.1X1
188+60			6.0	37236	.Top Brk
189+00			822	372134	.1X1
T.P.	3.443	3723.851	9.153	3720.408	.
189+50			3.19	372066	.1X1
190+00			3.68	372017	.1X1
P.O.T. 190+23.78			4.30	371955	.1X2
190+50			6.52	371733	.1X1
191+00			9.33	371452	.1X1
191+50			9.69	371416	.1X1
T.P.	1.429	3714.299	10981	3712.870	.
192+00			2.10	371220	.1X1
192+50			4.51	370979	.1X1
193+00			7.56	370674	.1X1
193+50			10.85	370345	.1X1
T.P.	0.604	3703.601	11.302	3702.997	.
194+00			3.56	370004	.1X1
194+50			6.45	369715	.1X1
195+00			9.95	369365	.1X1

Profile Notes Red. Plotted HNB. Job No. E402 Division No.
No. Date Date 7-25-57 Survey of Bob Grove Rd
Notes Chk. Date Checked Survey by [illegible] Date
No. Date 7-24-52 Date Map No. Inspector Date

F. B. 1680 Pg. 41

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F.B. 1688 Pg. 42 | Job No. 2407 Division No. ____ Notes Red ____ Plotted HB Profile
Survey of Rabs Gap Rd Date ____ Date 7-25-52 No. ____
Survey by R.L. Miller Notes Moore Notes Chkd HB Checked ____ X-Sec. ____
Indexed R. C. Johnson Date ____ Date 7-24-52 Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
		3703.601				
T.P.	0.670	3692.826	11.445	3692.156		
195+50			2.19	3690.64	/X/	
196+00			5.20	3687.63	/X/	
196+50			7.46	3685.37	/X/	
197+00			11.13	3681.70	/X/	
T.P.	2.273	3683.695	11.404	3681.422		
197+50			3.95	3679.74	/X/	
198+00			6.41	3677.28	/X/	
T.B.M.	0.158	3677.812	6.041	3677.654	Spk. in P.P.	#555826 H E. Side
198+50			3.47	3674.34	/X/	
199+00			5.95	3671.86	/X/	
199+50			7.60	3670.21	/X/	
200+00			9.04	3668.77	/X/	
T.P.	1.021	3668.321	10.512	3667.300		
200+50			2.06	3666.26	/X/	
201+00			3.97	3664.35	N.T.	
201+50			5.99	3662.33	N.T.	
202+00			8.11	3660.21	N.T.	
202+50			10.30	3658.02	N.T.	
T.P.	0.571	3657.868	11.024	3657.97		

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STATION	B. S.	H. I.	F. S.	ELEV.	
		3657.868			
203+00			2.24	3655.63	N.T.
203+50			4.46	3653.41	N.T.
B.C. 203+55.30			4.68	3653.19	Spk. Wash & Tin
204+00			6.54	3651.33	N.T.
204+50			8.43	3649.44	NT
205+00		8	10.27	3647.60	N.T.
T.P.	1157	3647.978	11.047	3646.821	
205+50			2.29	3645.69	N.T.
E.C. 20+64.55			2.86	3645.12	Spk. Washer & Tin
206+00			4.47	3643.51	N
206+50			6.52	3641.46	N.T.
207+00			8.58	3639.40	N.T.
207+50			10.64	3637.34	N.T.
T.P.	7062	3643.798	11.242	3636.736	
207+93.57			8.26	3635.54	Spk. F.T. in. Int. & Rd. & Sec. Line
1/4 Cor. 33 & 4	9.690	3649.620	3.868	3639.930	Mon
T.P.	9.498	3658.916	0.202	3649.418	
T.P.	10.832	3668.846	0.902	3658.014	
T.P.	10.043	3678.743	0.146	3668.700	
T.B.M.	9.907	3687.564	1.086	3677.657	Spk. in E. Side P.P. #555826 H

Profile Notes Red. ____ Plotted 4 NB Job No. E407 Division No. ____ F. B. 1680 Pg. 43
No. ____ Date ____ Date 7-23-52 Survey of [illegible]
Notes Chk. [illegible] Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date 7-24-52 Date ____ Map No. ____ Date ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3687.564				
T.P.	9.240	3696.286	0.518	36[illegible].046		
T.P.	11.681	3707.619	0.348	3695.938		
T.P.	11.592	3718.432	0.779	3706.840		
T.P.	11.438	3729.102	0.768	3717.664		
T.P.	11.081	3739.595	0.588	3728.514		
T.P.	12.000	3751.057	0.538	3739.057		
T.P.	11.082	3761.306	0.833	3750.224		
T.P.	10.965	3771.776	0.495	3760.811		
T.P.	11.045	3782.361	0.460	3771.316		
T.P.	10.122	3792.031	0.452	3781.909		
B.M.-W-6	7.164	3798.048	1.147	3790.884	2" I.P. & B.C. in conc. 63.6' W = R.P.P.I. - #	
T.P.	5.480	3797.651	5.877	3792.171		
T.P.	8.262	3801.296	4.617	3793.034		
T.P.	9.071	3806.111	4.256	3797.040	1/4 Sec. 3-4 T-4-N R-9-W	
1/4 Cor 3-4	6.827	3810.028	2.910	3803.201	fd. 2" I.P. & B.C. in conc. 250' ± E. of P.I. # W-	
T.P.	11.896	3821.544	0.380	3809.648		
T.P.	12.110	3832.934	0.720	3820.824		
T.P.	10.722	3843.295	0.361	3832.573		
T.P.	11.243	3853.681	0.857	3842.438		
T.P.	8.120	3860.452	1.349	385[illegible].332		

F. B. 1680 Pg. 44 Job No. R402 Division No. Notes Red Date Plotted 7 N 13 Date 7-25-52 Profile No.
Survey of Bobs Gap Rd Notes Chkd. Checked X-Sec.
Survey by R.L. Wiley Notes Moore Date Date No.
Indexed C. Johnson Date

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		3860.452			
T.P.	10.451	3866.513	4.390	3856.062	
T.P.	11.772	3877.565	0.720	3865.793	
T.P.	11.246	3888.190	0.621	3876.944	
T.P.	10801	3898.279	0.712	3887.478	
T.P.	8.380	3904.351	2.308	3895.971	
Old P.I. #31	10.601	3904.535	10.417	3893.934	3/4" I.P.
T.P.	11.291	3914.123	1.703	3902.832	
T.P.	11.312	3925.378	0.057	3914.066	
T.P.	11.204	3934.322	2.260	3923.118	
T.P.	10268	3943.129	1.461	3932.861	
T.P.	7.752	3950.254	0.627	3942.502	Mon ±90'E & ±40' So. of P.I. #28
B.M. W-5	4.617	3953.150	1.721	3948.533	2" I.P. & B.C. in conc. Mked B.M. W-5
T.P.	9.642	3961.701	1.091	3952.059	
T.P.	7.583	3964.312	4.972	3956.729	
Old P.I. #25	11.709	3974.212	1.809	3962.503	Spk Washer & Tin See Pg. 10
T.P.	10.310	3984.025	0.497	3973.715	
T.P.	9.605	3989.617	4.013	3980.012	
T.B.M.	9.254	3998.272	0.599	3989.018	Chiseled □ on incinerator ±178' So & 66' E of P.I. #25
T.P.	11.148	4001.928	7.492	3990.780	
T.P.	9.801	4010.838	0.891	4001.037	

Profile Notes Red. Plotted H.N.B. Job No. R407 Division No. F. B. 1680 Pg. 45
No. Date Date 7-25-52 Survey of Robinson Sol
Notes Chkd. Checked Survey by
No. Date 7-24-52 Date Map No. Checked Johnson Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		4010.838				4027.843
T.P.	8.901	4019.044	0.695	40[illegible].143		406[illegible].801
T.P.	10.337	4025.724	3.657	40[illegible].387		
T.P.	7.323	4030.003	3.044	40[illegible].680		
Old P.L. #22	10.781	4038.648	2.136	4027.867	3/4" I.P. dn. 12" See Pg. 9	
T.P.	10.258	4047.965	0.941	4037.707		
T.P.	10.467	4055.481	2.951	404[illegible].014		
T.P.	10.620	4062.763	3.338	40[illegible].143	B.M. W-4 See Pg. 30	
B.M. #W-4			1.901	4060.862	fd. 2" I.P. & B.C. in conc. 40' N. of Sta. 99+95.30	

Survey of Bob Gap Rd Job No. R407 Division No. Notes Fed Date Plotted HNB Date 7-25-52 No. Profile
Survey by R. C. Johnson Notes Moore Notes Chkd TB Checked Date 7-24-52 No. X-Sec.
Indexed Date No.

F.B. 1680 Pg. 47

Map No.
Office Work
Checked
Date

Source: Bobs Gap Rd
W.O. 2407 Tape No. 99 Std. 84 °F
Surveyed by R L Willey
Notes C. Jones Date 2-19-52
Indexed 3-31-52

BOB'S GAP RD.
R407

2-19-52
R L Willey
L V Smith
J W S Moore
R C Bowers
J McCall.

C.S. B-2390-162
H.C. 13-94-162
W.S. 17.

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76F3095 247 2-51

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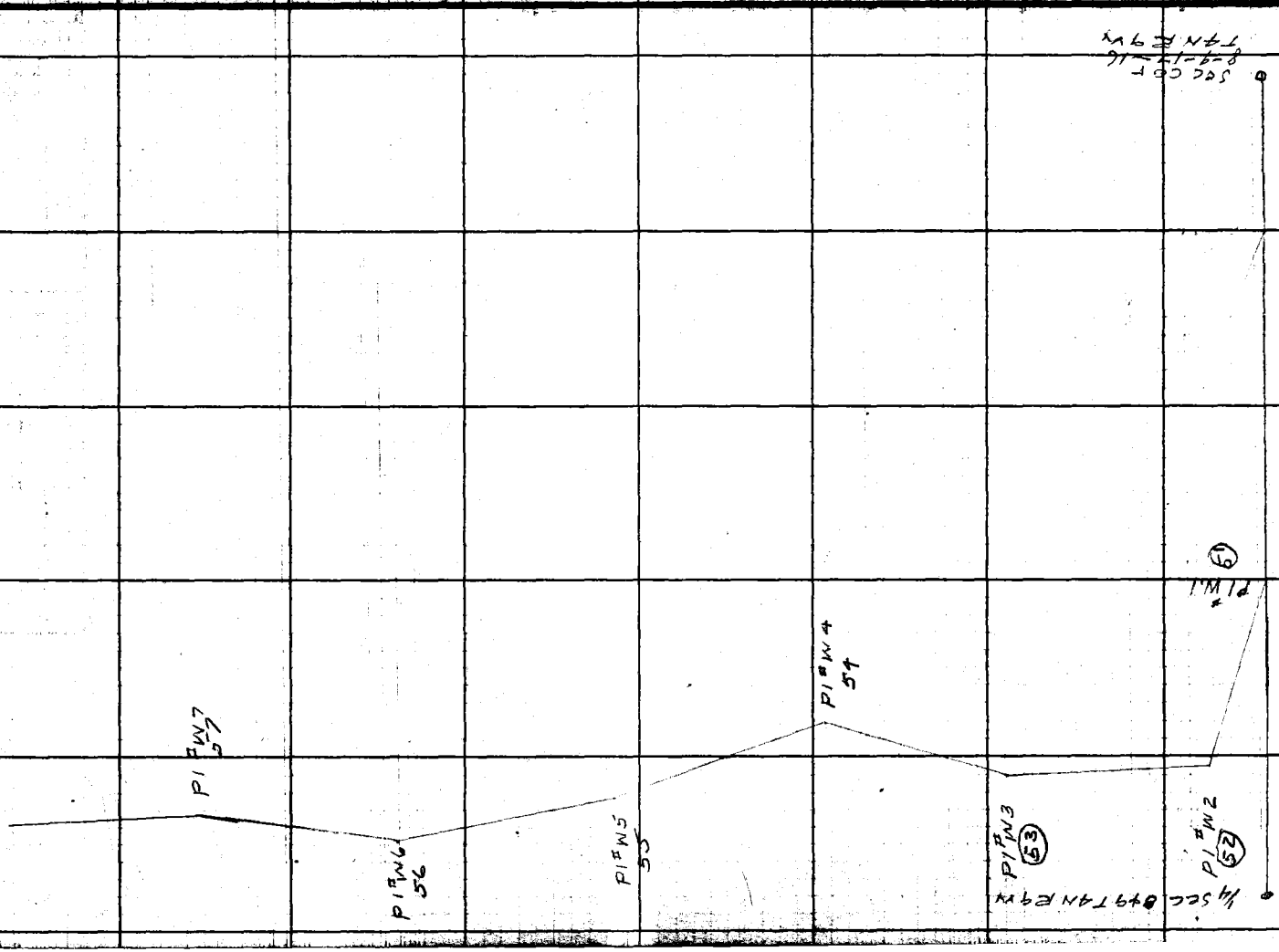
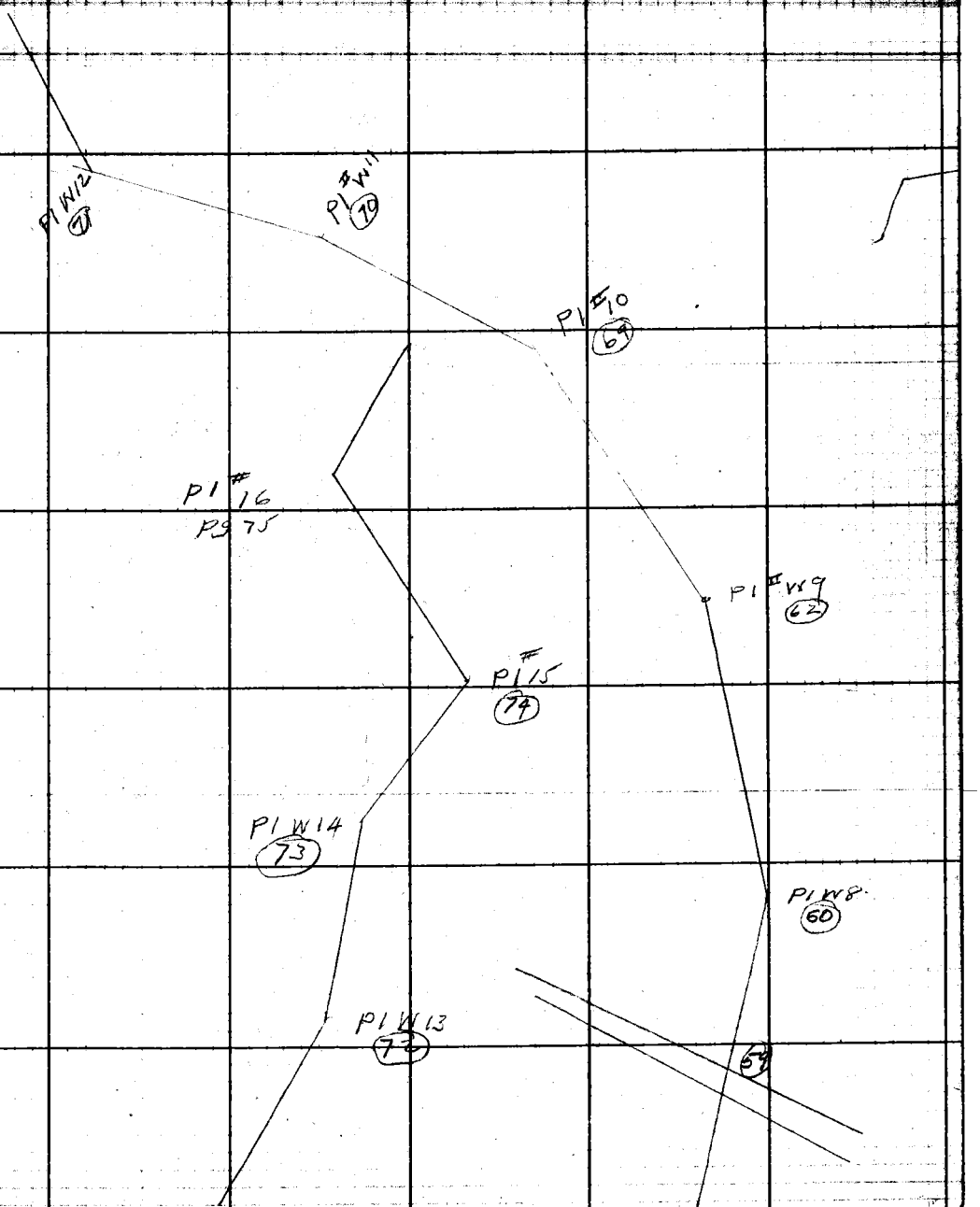


F.B. 1610 PG. 46

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. [illegible] Tape No. 99 St'd. 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes Date
Date	Indexed A. C. Johnson

F. B. Pg. 49



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726 LOS ANGELES COUNTY
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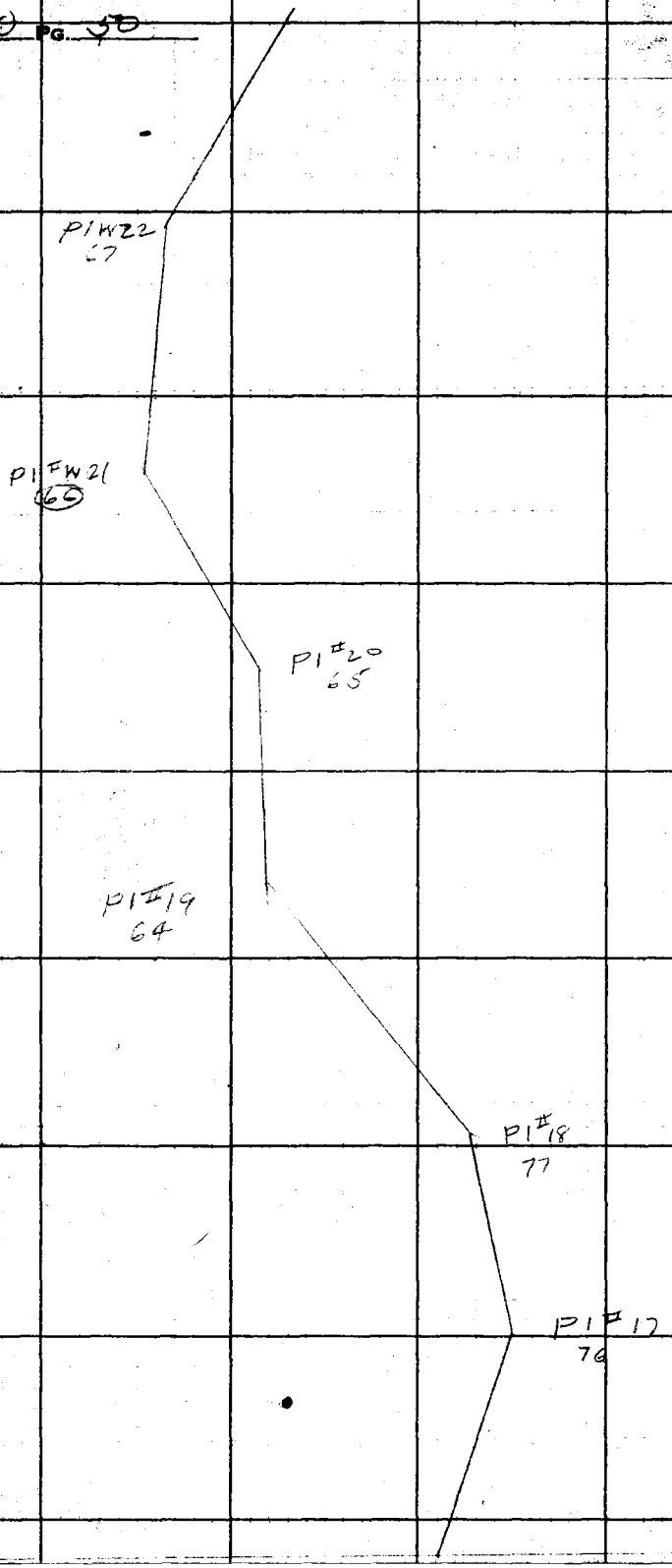
76F3098 247 2-51

F.B. 1660 PG. 50



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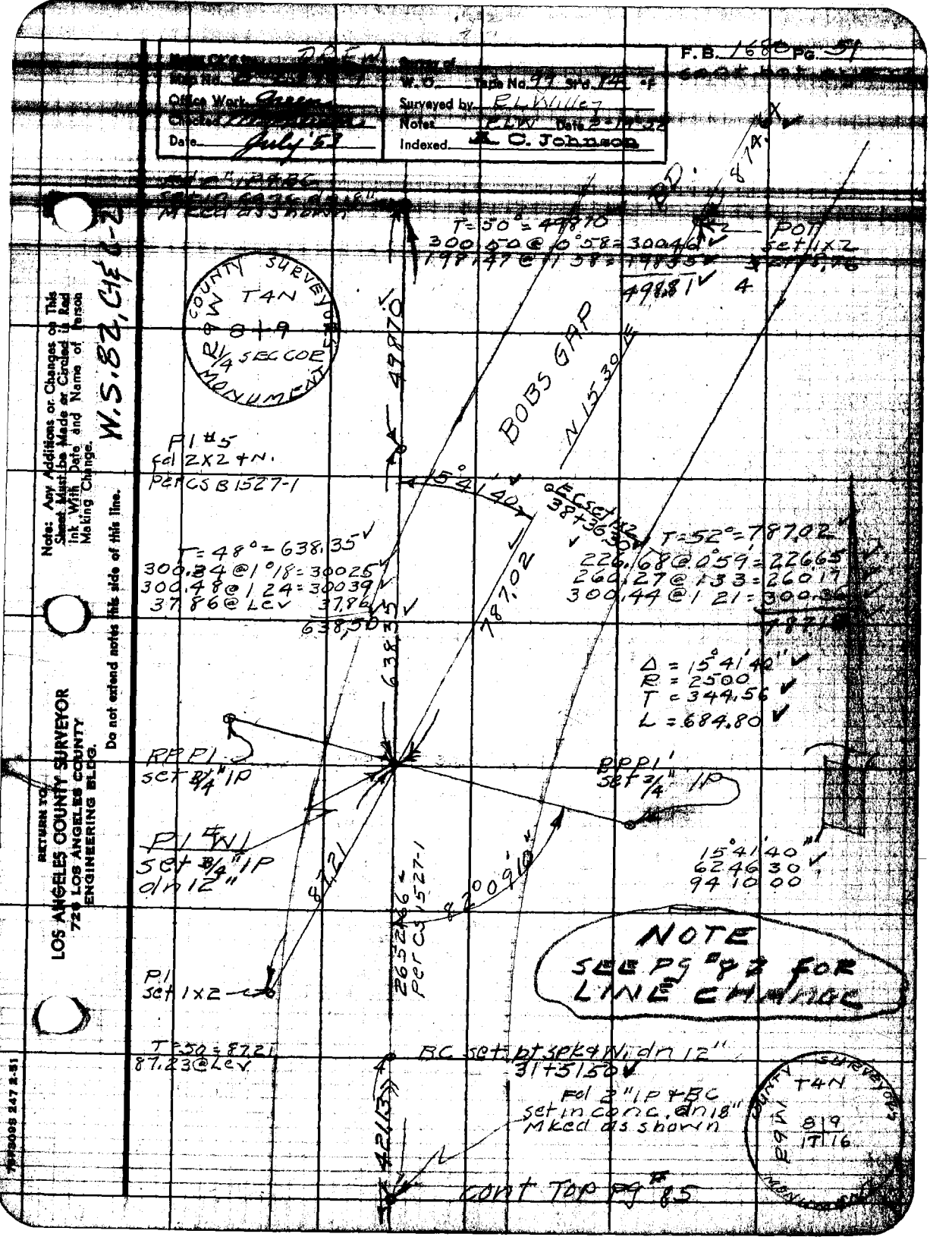

F.B. 1680 Pg. 51
Office Work
Checked
Date July '53
W.O.
Surveyed by R.L. Willey
Notes R.L.W. Date
Indexed A. C. Johnson
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
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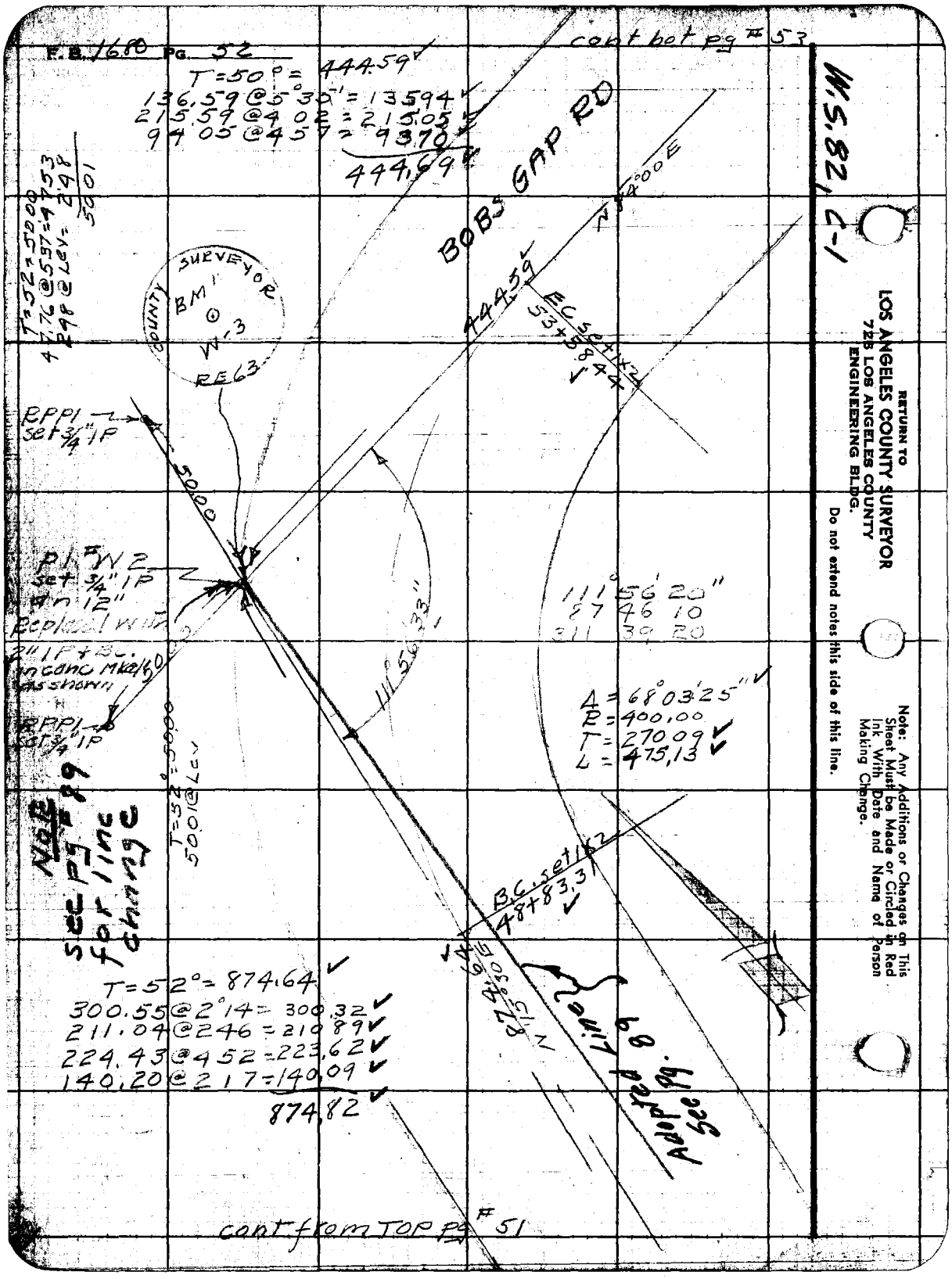
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
W.S. 82, C&E 6-2
COUNTY SURVEYORS
T4N
R9W
8 9
1/4 SEC COR
MONUMENT
T=50°=498.70
300.50@0°58=300.46
198.47@1°58=198.35
498.81
POT
set 1x2
BOBS GAP
N 15 30 E
P1 #5
fd 2x2 + N.
per CS B1527-1
15°41'40"
EC set 1x2
38+36.30
T=52°=787.02
226.68@0°59=226.65
260.27@1°33=260.17
300.44@1°21=300.36
787.02
T=48°=638.35
300.34@1°18=300.25
300.48@1°24=300.39
37.86@Lev 37.86
638.50
Δ = 15°41'40"
R = 2500
T = 344.56
L = 684.80
RP P1
set 3/4" IP
RP P1'
set 3/4" IP
P1 #W1
set 3/4" IP
dn 12"
15°41'40"
62 46 30
94 10 00
87.21
82°09'10"
2652.66
per CS 1527-1
NOTE
SEE PG #82 FOR
LINE CHANGE
P1
set 1x2
T=50=87.21
87.23@Lev
BC set bt spk & W. dn 12"
31+51.50
Fd 2" IP + BC
set in conc. dn 18"
Mked as shown
421.13
cont Top pg #85
COUNTY SURVEYORS
T4N
R9W
8 9
17 16


F.B. 1680 Pg. 52
cont bot pg # 53
T=50° = 444.59
136.59 @ 5°35' = 135.94
215.59 @ 4°02' = 215.05
94.05 @ 4°57' = 93.70
444.69
BOBS GAP RD
N 84°00' E
444.59
EC set 1x2
53+58.44
COUNTY SURVEYOR
BM 1
W-3
RE 63
T=52=50.00
47.76 @ 5°37' = 47.53
2.48 @ Lev = 2.48
50.01
RPP1 set 3/4" IP
50.00
P1 #W2 set 3/4" IP on 12" Replaced with 2" IP + B.C. in conc Mkd as shown
RPP1 set 3/4" IP
111°56'33"
111°56'20"
87 46 10
311 39 20
Δ = 68°03'25"
R = 400.00
T = 270.09
L = 475.13
T=52°=50.00
50.01 @ Lev
Note See pg # 89 for line change
B.C. set 1x2
48+83.31
874.64
N 15°30' E
Adopted Line See pg. 89
T=52° = 874.64
300.55 @ 2°14' = 300.32
211.04 @ 2°46' = 210.89
224.43 @ 4°52' = 223.62
140.20 @ 2°17' = 140.09
874.82
cont from TOP pg # 51
W.S. 82, C-1
RETURN TO
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7673086 247 2-51

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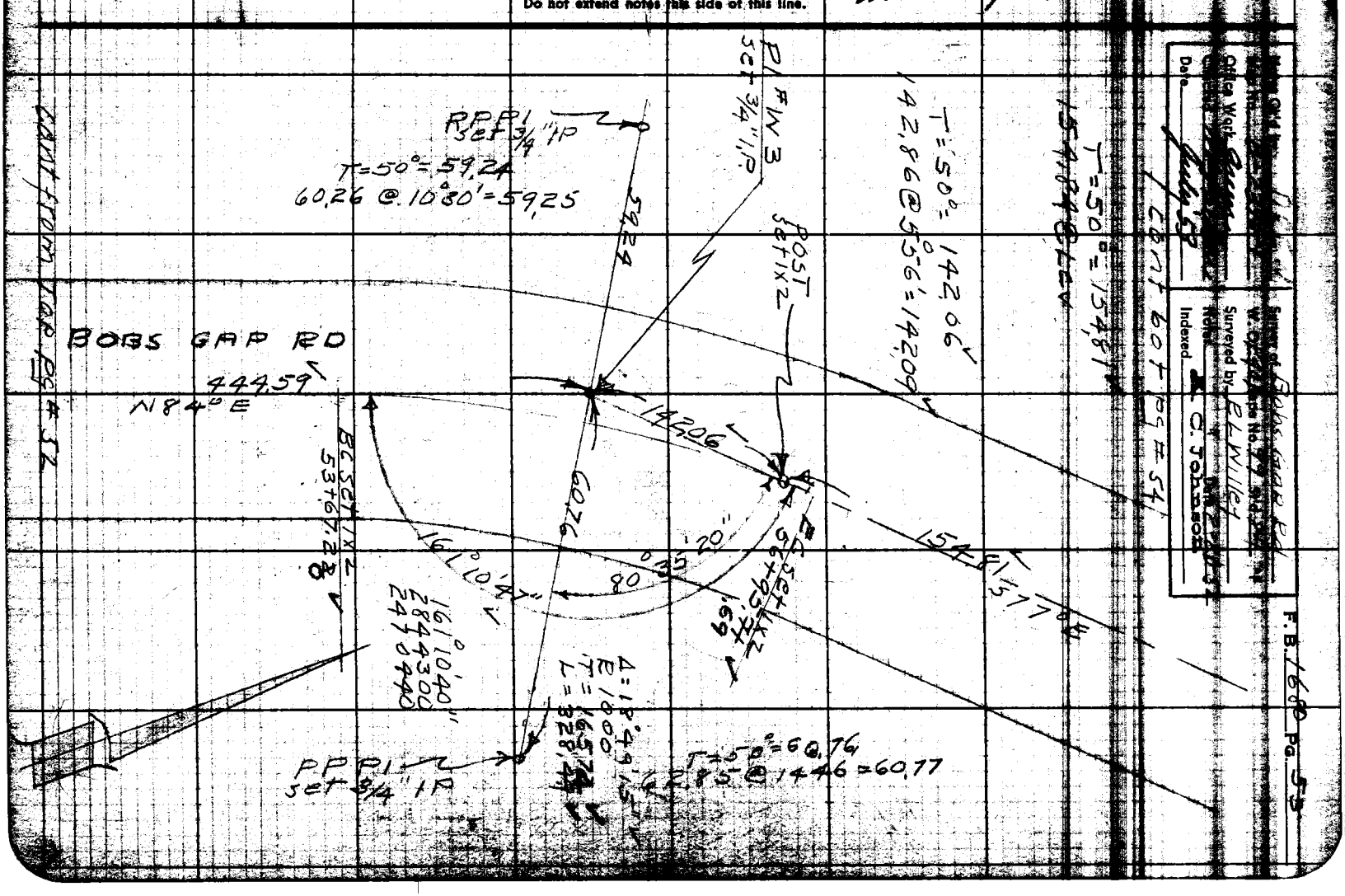
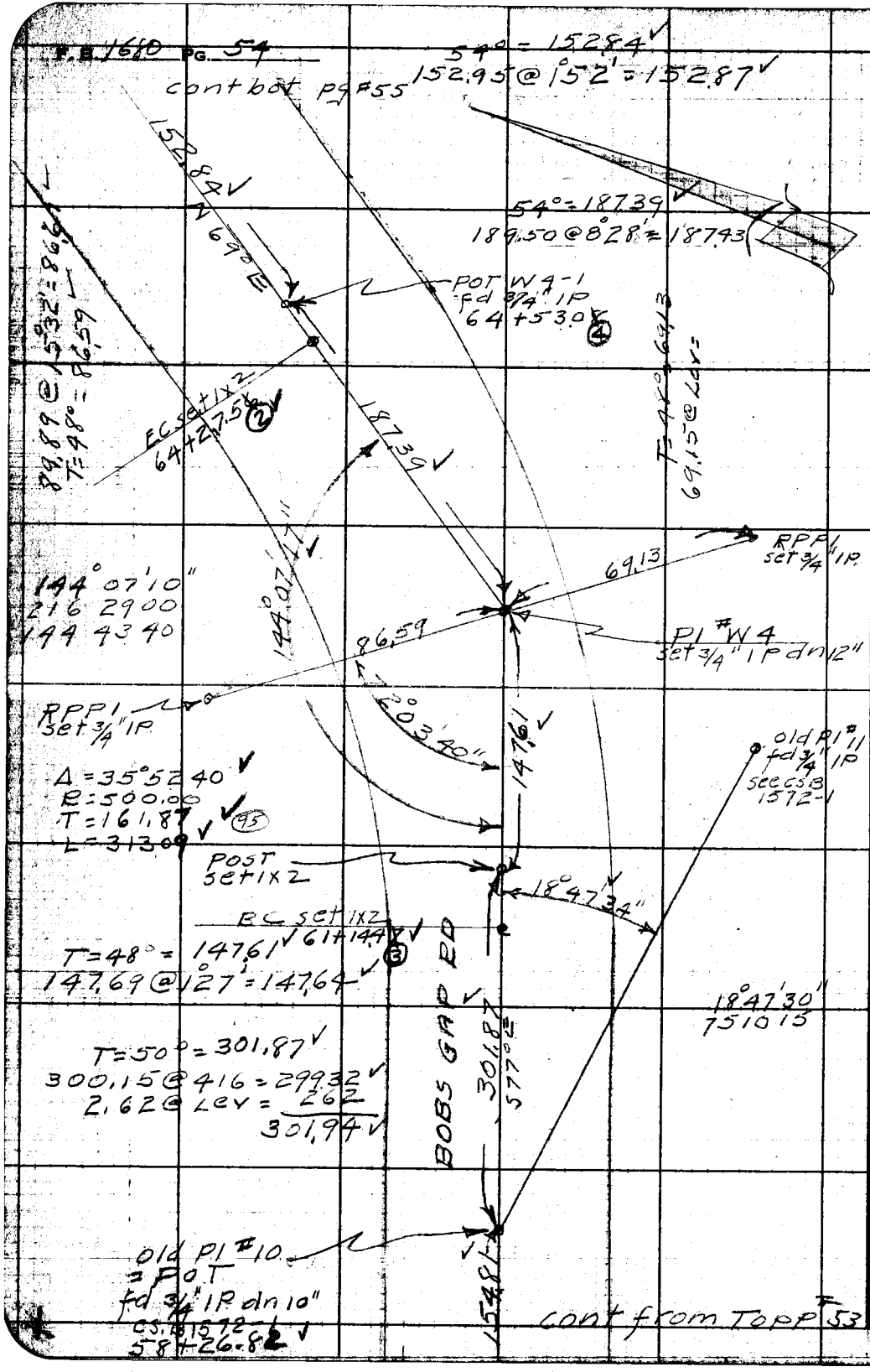
W.S.82, C-1





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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
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F.B. 1680 Pg. 55

Notes Ck'd by DRFW	Survey of Bobs Gap Rd
Map No. [illegible]	W.O. [illegible] Tape No. [illegible] Std. [illegible]
Office Work Green	Surveyed by R L Willey
Checked [illegible]	Notes [illegible] Date [illegible]
Date July '53	Indexed A. C. Johnson

Cont bot pg # 56

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

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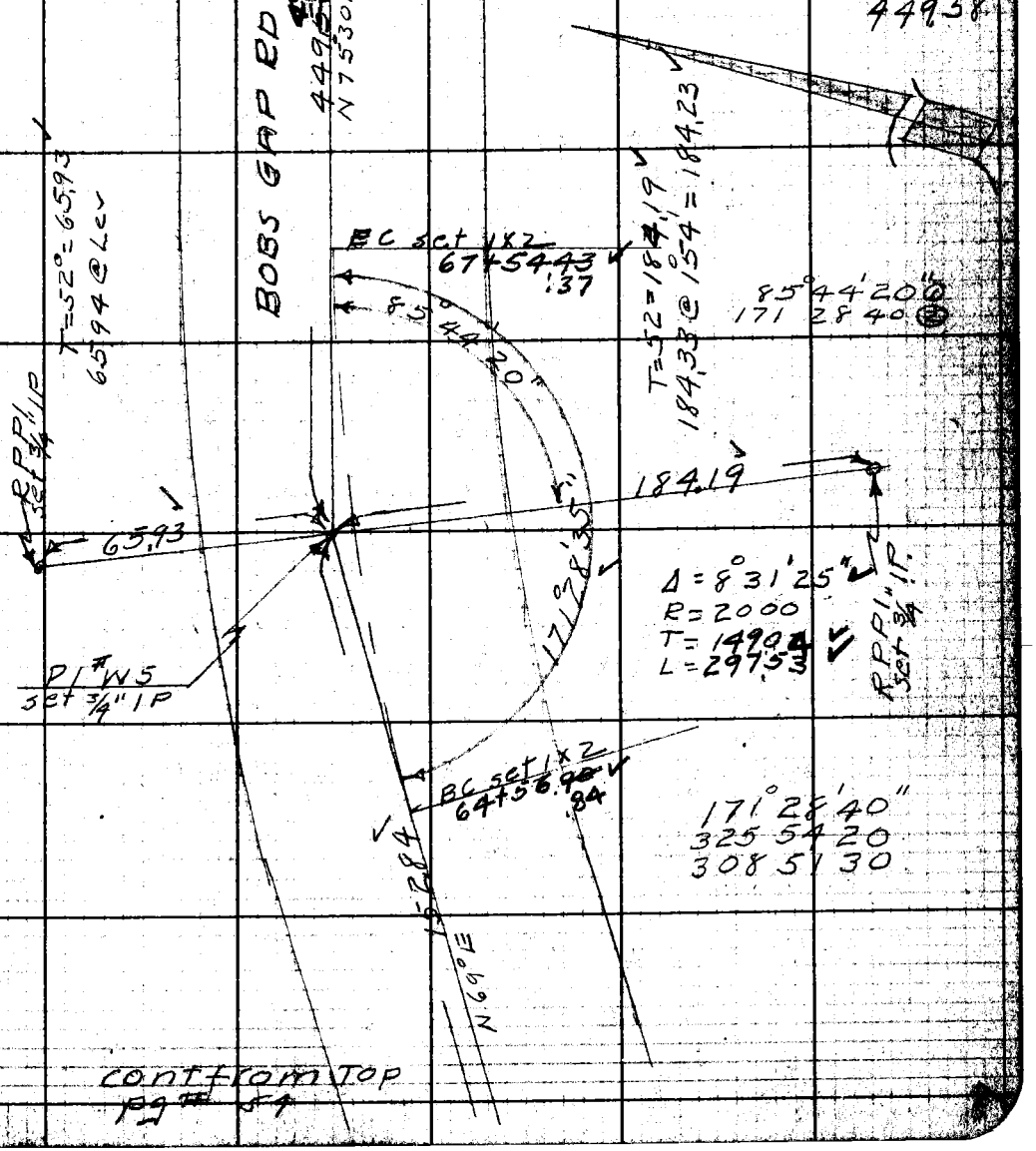
W.S. 82, C-1

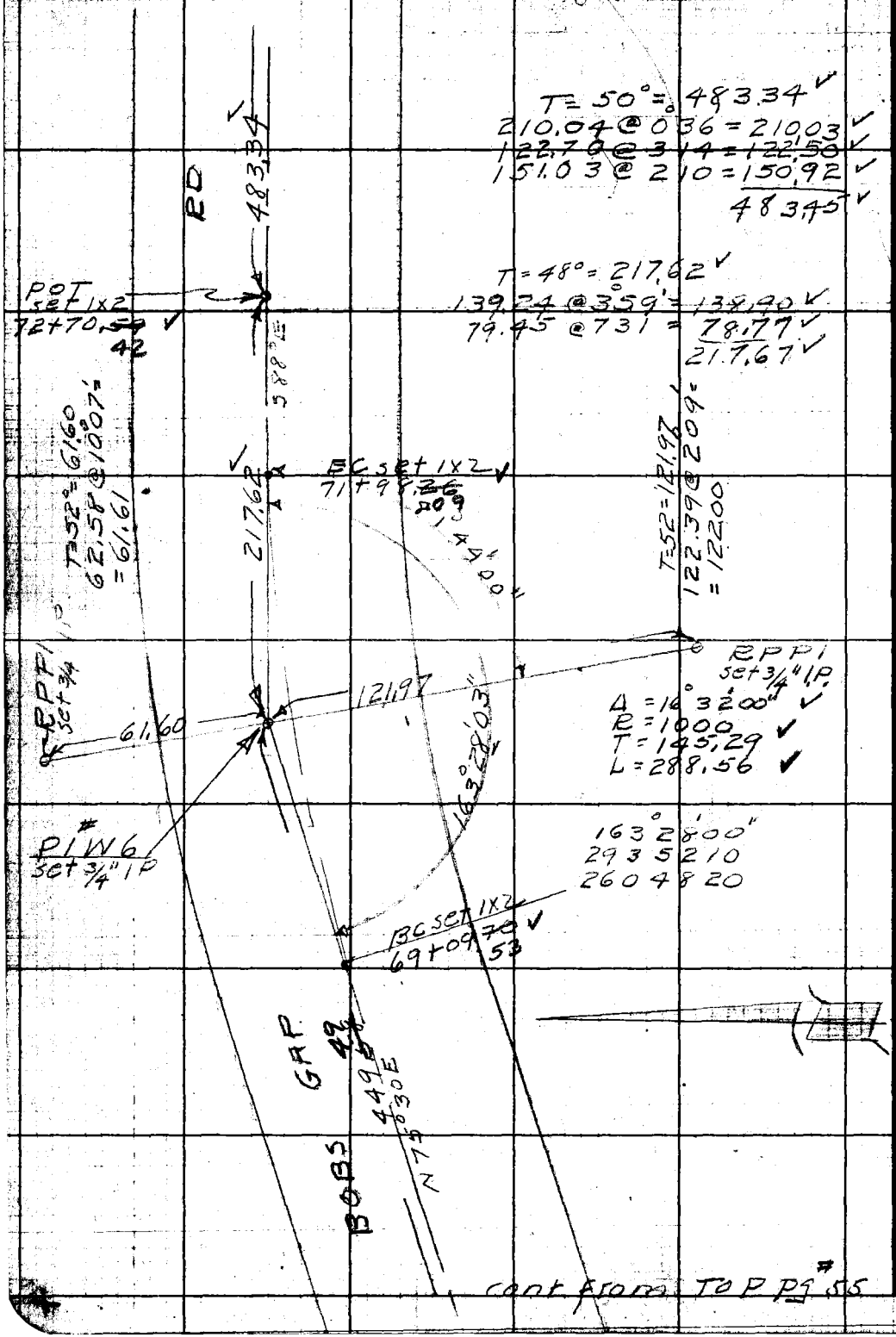
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



Cont from Top pg # 54

75F3095 247 2-51

cont bot pg # 57



cont from TOP pg # 55

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

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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 DREW	Survey of Bobs Gap Rd
Map No. [illegible]	W. O. [illegible] Tape No. [illegible] Std. 84 °F
Office Work [illegible]	Surveyed by R.L. Willey
Checked [illegible]	Notes " Date [illegible]
Date July '53	Indexed A. C. Johnson

F.B. 1680 Pg. 57

To old PI # 18

cont bot Pg # 58

T = 52° = 463.35
220.45 @ 125° = 220.38
243.14 @ 123 = 243.07
463.45

463.35

N 83 30 E

POT
set 1x2
79 + ~~19.03~~ 18.86
EC set 1x2
79 + 06.~~54~~ .37

T = 50° = 165.70
166.16 @ 405° = 165.74

165.70

T = 50° = 46.21
46.24 @ 152° = 46.22

T = 50° = 54.16
54.76 @ 9°00 = 54.17

Δ = 8°45'40"
R = 2000
T = 153.21
L = 305.82

RPP1 set 3/4" IP

171°14'23"
85°37'10"

54.16

46.21

RPP1 set 3/4" IP

171°14'20"
324 57 20
307 26 20

PI # W7
set 3/4" IP
dn 12"

483.34

BC set 1x2
76 + 00.~~72~~ .55

cont from Top Pg # 56

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1680 PG. 58

cont Bot Pg # 59

T=60°=671.02 ✓
300.73 @ 1°31' = 300.62 ✓
300.64 @ 1 24 = 300.55 ✓
69.95 @ LCV 69.95 ✓
671.12 ✓

671.08 ✓

POT
set 1x2
91+47.~~44~~ .27 ✓

T=60°=765.06 ✓
300.48 @ 0.53 = 300.44 ✓
300.92 @ 1 10 = 300.86 ✓
163.88 @ LCV = 163.88 ✓
765.18 ✓

765.06 ✓
N 83°30 E

Old Pl #18 = POT
fd: 3/4" IP dn 12
83+82.~~38~~ .21 ✓

463.35 ✓

cont from TOP Pg 57

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7953095 247 2-51

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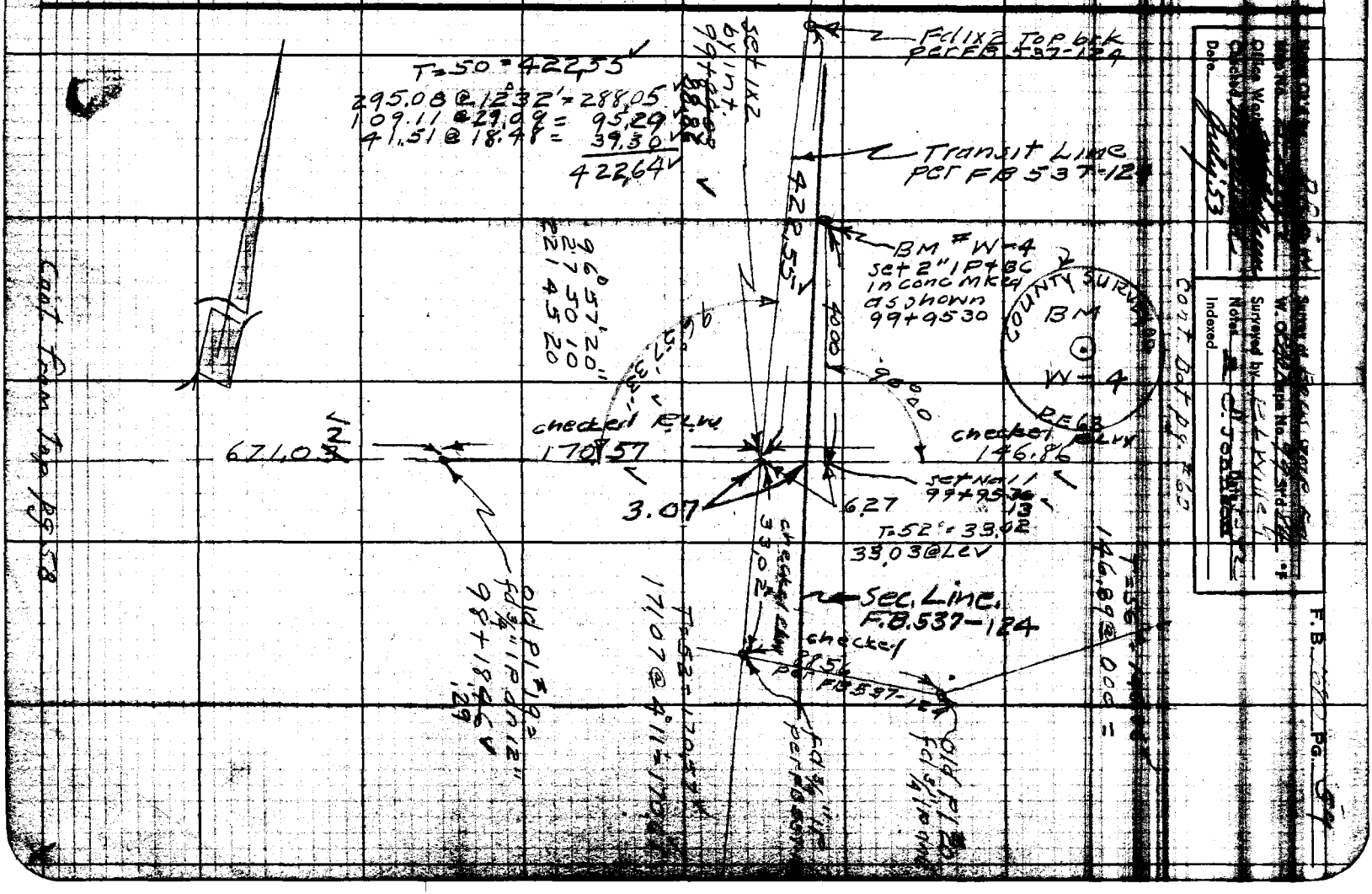
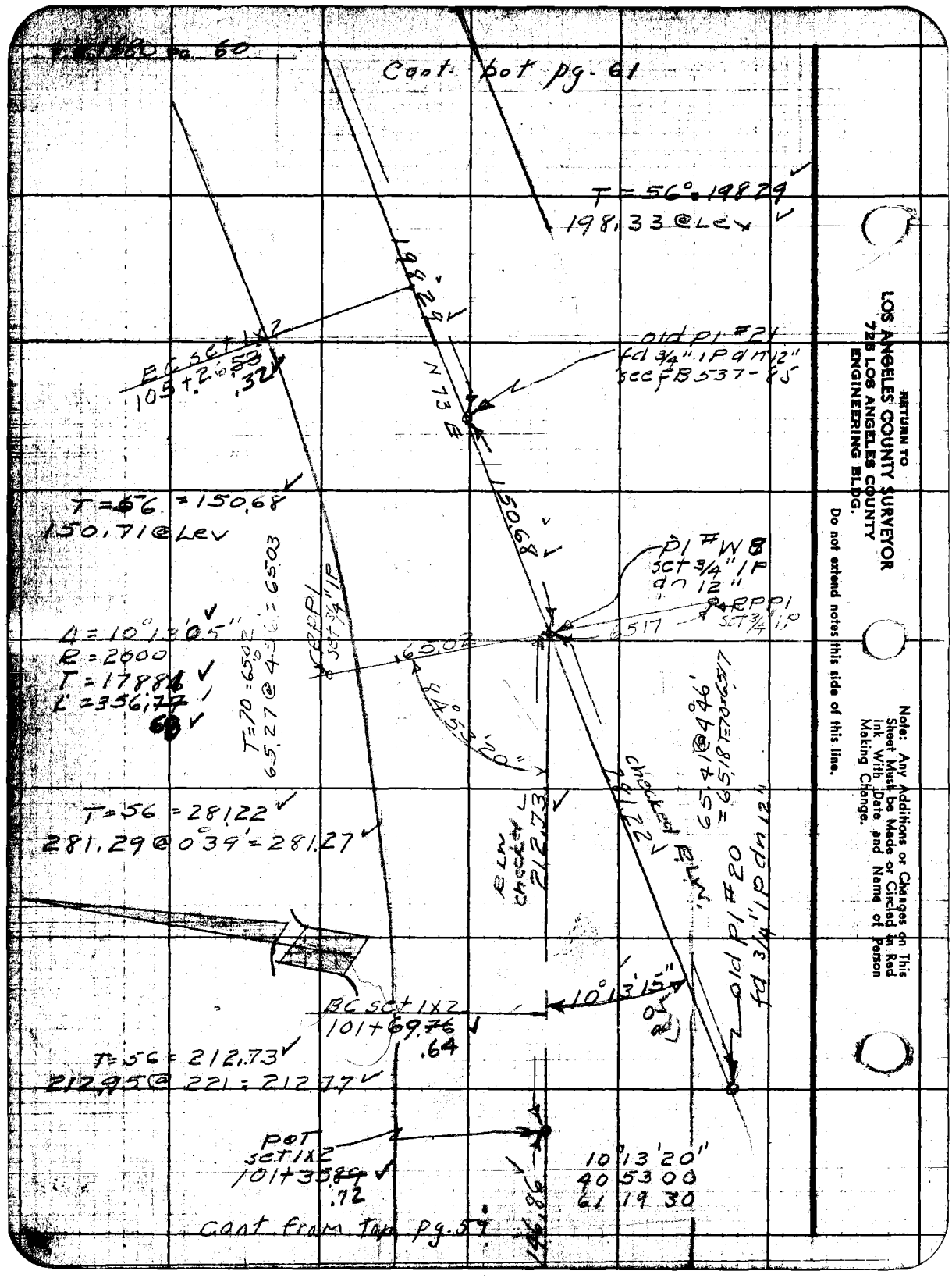
W.S.82, C-1





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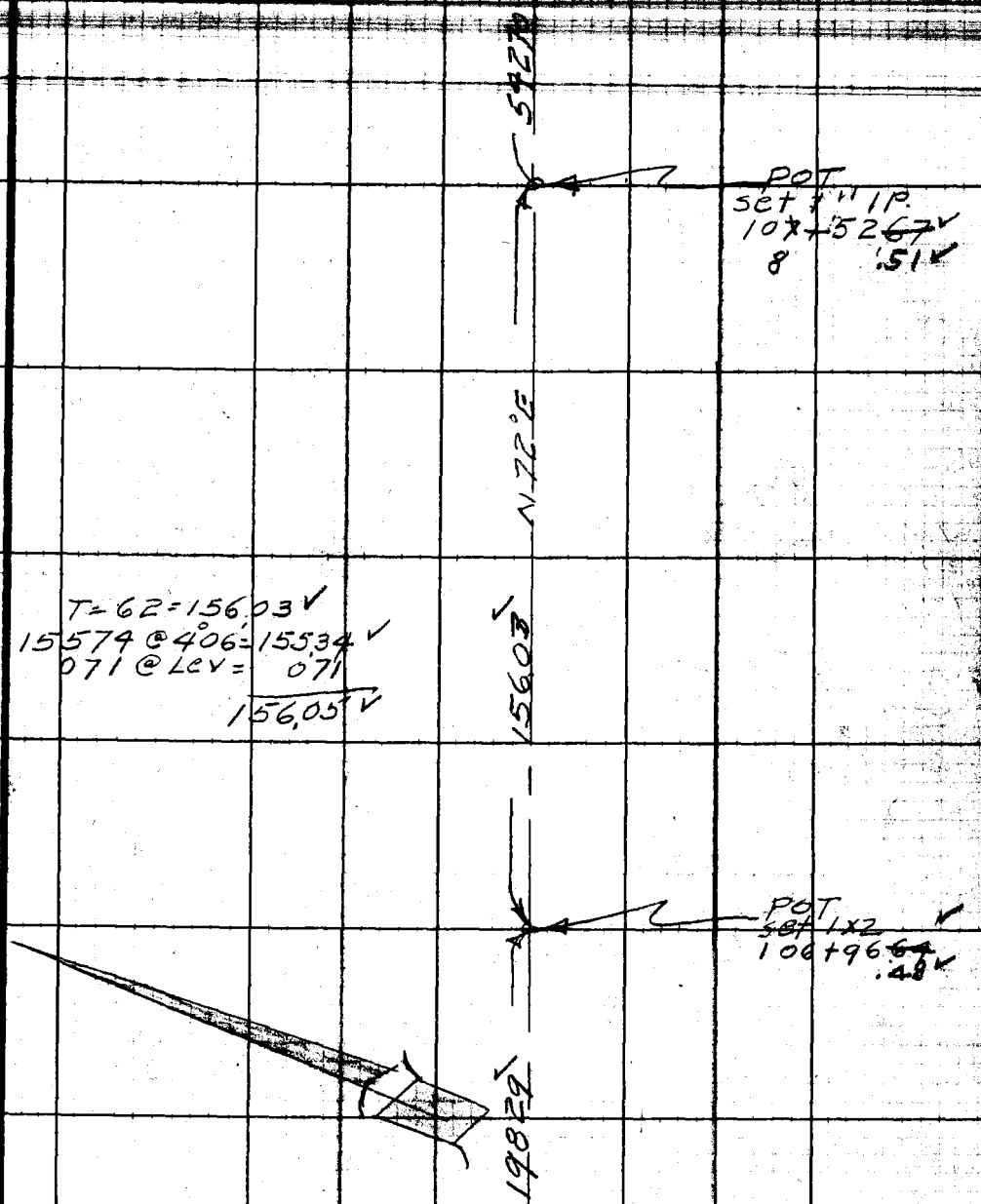
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by [illegible]	Survey of Bobs Gap Rd
Map No. [illegible]	W. O. [illegible] Tape No. [illegible] Std. [illegible] °F
Office Work [illegible]	Surveyed by R.L. Willey
Checked [illegible]	Notes Date [illegible]
Date July '53	Indexed

F. B. 1680 Pg. 61

Cont bot pg #62



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726 LOS ANGELES COUNTY
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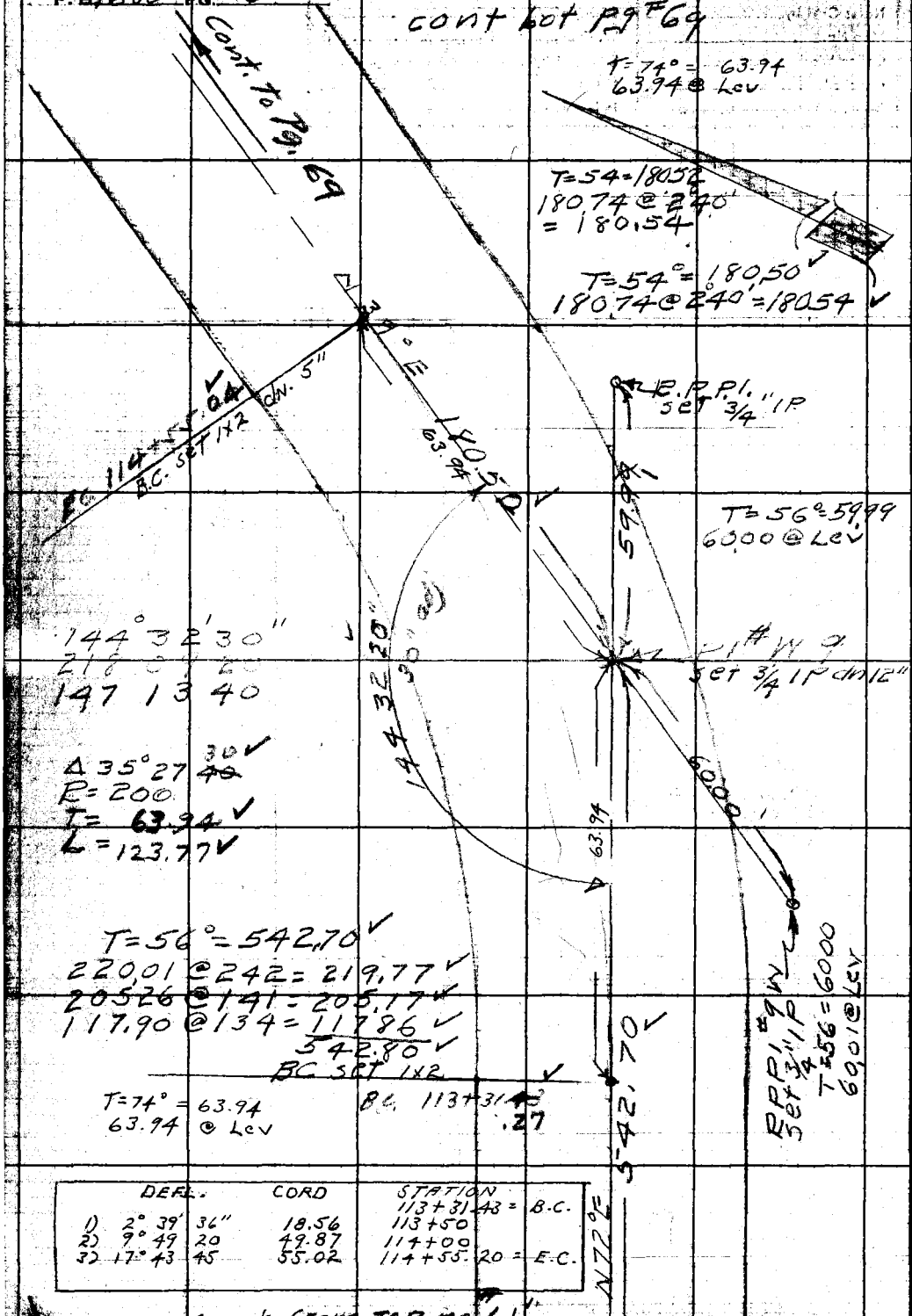
76F3095 247 2-51

F.B. 1680 PG. 62

cont lot pg #69



DEFL.	CORD	STATION
		113+31.43 = B.C.
1) 2° 39' 36"	18.56	113+50
2) 9° 49 20	49.87	114+00
3) 17° 43 45	55.02	114+55.20 = E.C.

cont from top pg 61

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F. B. 1680 Pg. 63

Robo Gap Rd

W. O. [illegible] Tape No. 77 Std. 24 °F

Surveyed by R. L. Willey

Notes Date [illegible]

Date July '53

Indexed A. C. Johnson

cont bot pg # 64

N 43 30 [illegible]

286.9[illegible]

POT
set 1x7
155+02.88 ✓

T=52° = 428.04 ✓

290.50 @ 4°02' = 289.78 ✓
138.38 @ 116 = 138.35 ✓
428.13 ✓

428.04 ✓

PI # [illegible]
150+74[illegible]
see pg # 77
1"x2" stake.

cont from pg # 77

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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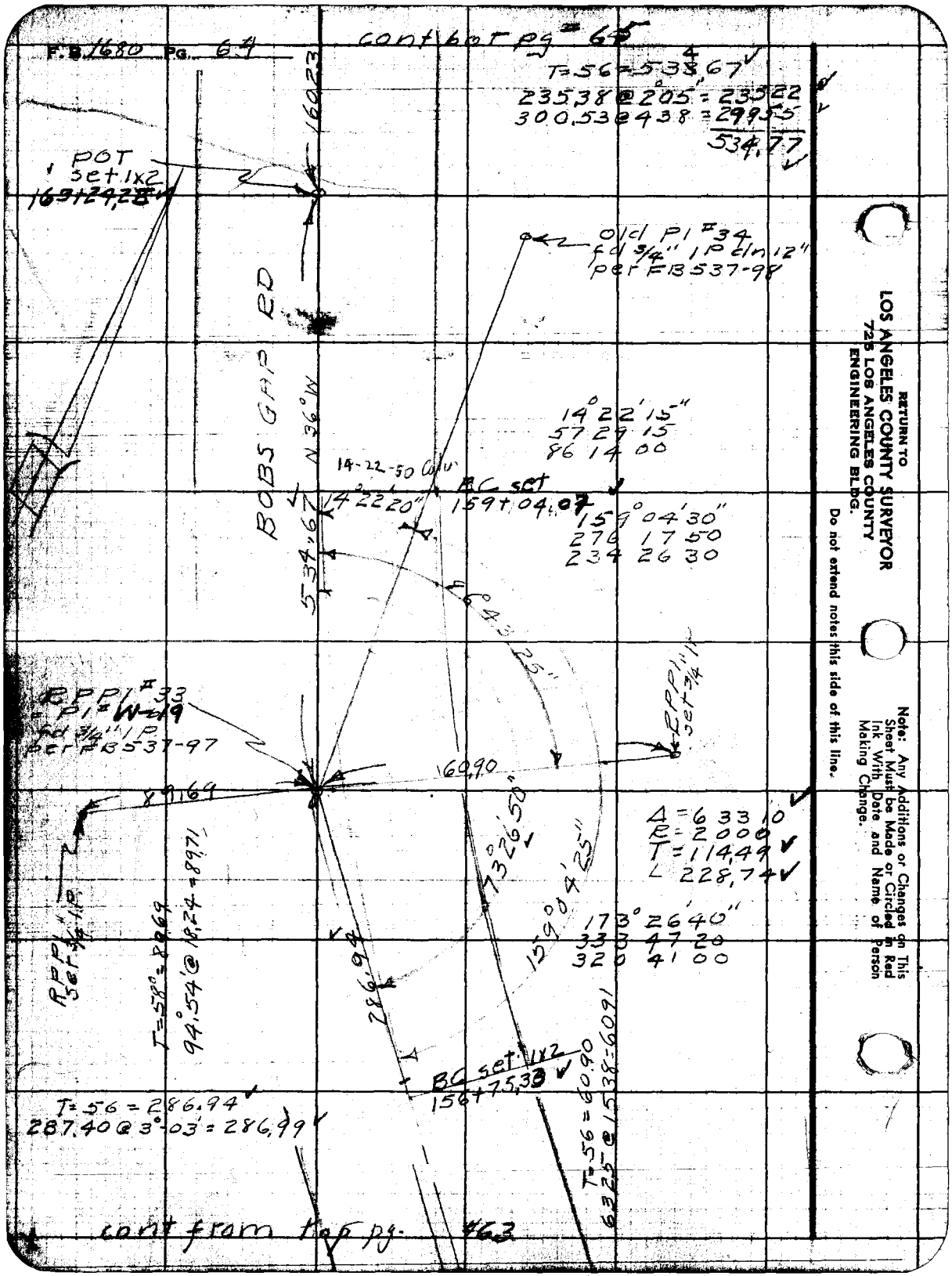
[illegible] 247 2-51



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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
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75F3085 247 2-51

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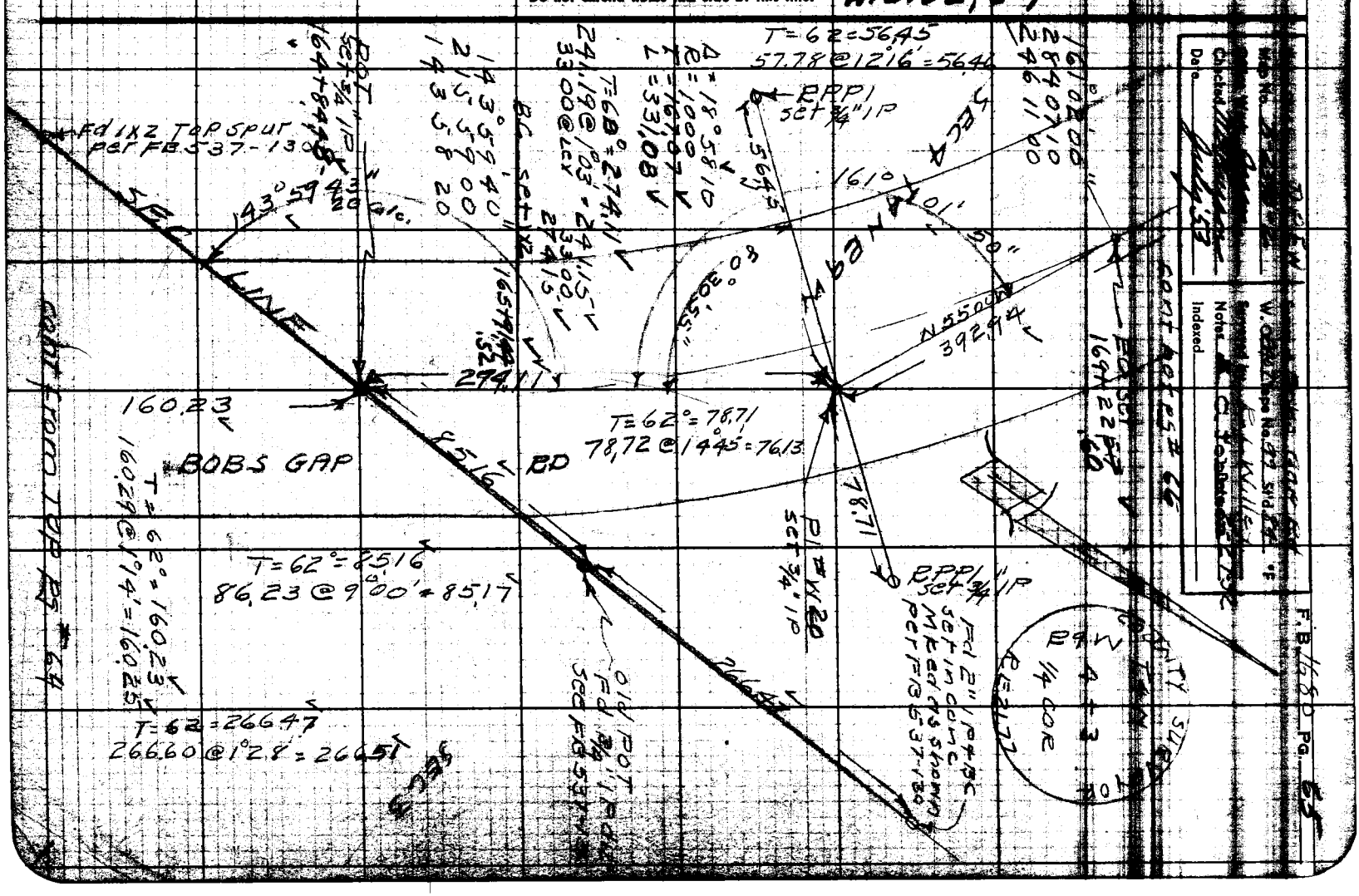
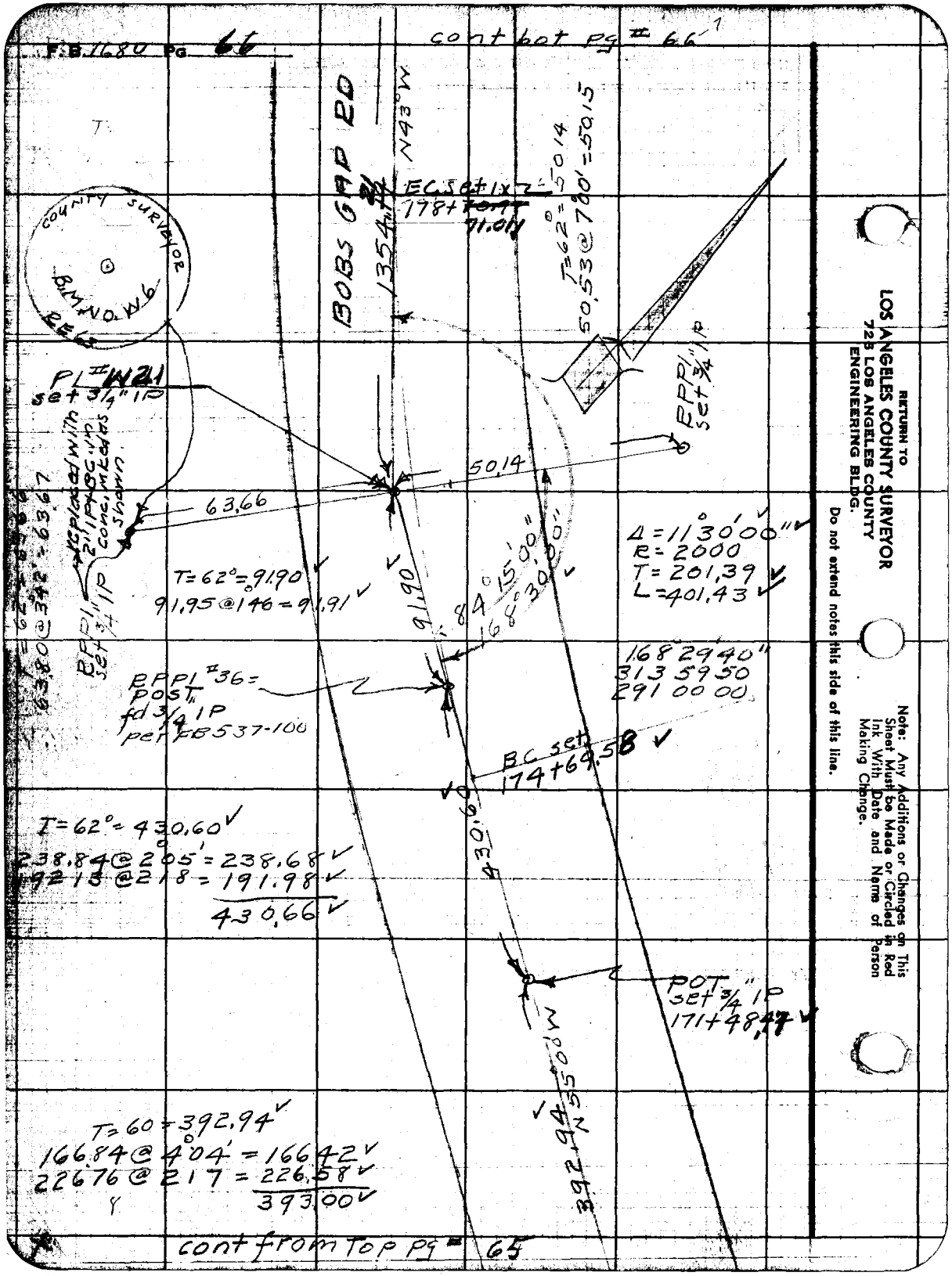
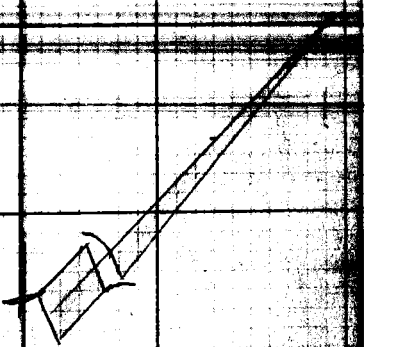



F.B. 1680 Pg 66
cont bot pg # 66
BOBS GAP RD
N43°W
1354.21
EC set 1x2
178+71.01
T=62°=50.14
50.53@7°00'=50.15
COUNTY SURVEYOR
B.M. NO. W6
PL # W21
set 3/4" IP
RPPI set 3/4" IP
50.14
63.66
replaced with 2" IP+BC in conc. mkd as shown
T=62°=91.90
91.95@1°46'=91.91
91.90
84°15'00"
168°30'00"
Δ=113°00'00"
R=2000
T=201.39
L=401.43
168 29 40"
313 59 50
291 00 00
RPPI set 3/4" IP
RPPI #36=
POST
fd 3/4" IP
per FB 537-100
BC set
174+69.58
430.60
T=62°=430.60
238.84@205°=238.68
192.13@218=191.98
430.66
POT
set 3/4" IP
171+48.47
392.94
N55°00'W
T=60=392.94
166.84@4°04'=166.42
226.76@217=226.58
393.00
cont from Top pg # 65
RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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.

F.B. 1680 Pg. 67

Notes Ch'd by DREW	Survey of Bobs Gap Rd
Map No. B-2398-2	W.O. 2407 Tape No. 99 St'd 84 °F
Office Work [illegible]	Surveyed by R.L. Willey
Checked [illegible]	Notes Date 2-28-52
Date July 5	Indexed C. Johnson

cont. bot. pg #68



To P.I. #W

1436.24

N 43° W

T = 66 = 1436.24

24841 @ 242 = 248.13

24609 @ 316 = 245.69

300.83 @ 314 = 300.35

300.50 @ 206 = 300.30

300.60 @ 243 = 300.26

4168 @ LEV = 41.68

1436.41

R.P. – P.O.T.
SET 2" I.P. 6" UP
CEM. PLUG, BRASS NAIL & TAG MARKED "L. A. Co. ENG'R"
W. MACK 3-4-57

40.00 TAN.

RD.

90°

40.00 TAN.

R.P. – P.O.T.
SET 2" I.P. [illegible]
CEM. PLUG, [illegible] NAIL & TAG [illegible] "L.A. Co. ENG'R"
W. MACK 3-4-57

POT
SET 1x2
190+23.~~44~~ .83

BOBS GAP

T = 68 = 1354.~~19~~ 21

200.96 @ 210 = 200.82

222.97 @ 322 = 222.58

300.47 @ 401 = 299.73

225.38 @ 243 = 225.13

251.64 @ 146 = 251.52

154.57 @ LEV = 154.57

1354.35

1354.~~19~~ 21

cont. from TOP pg #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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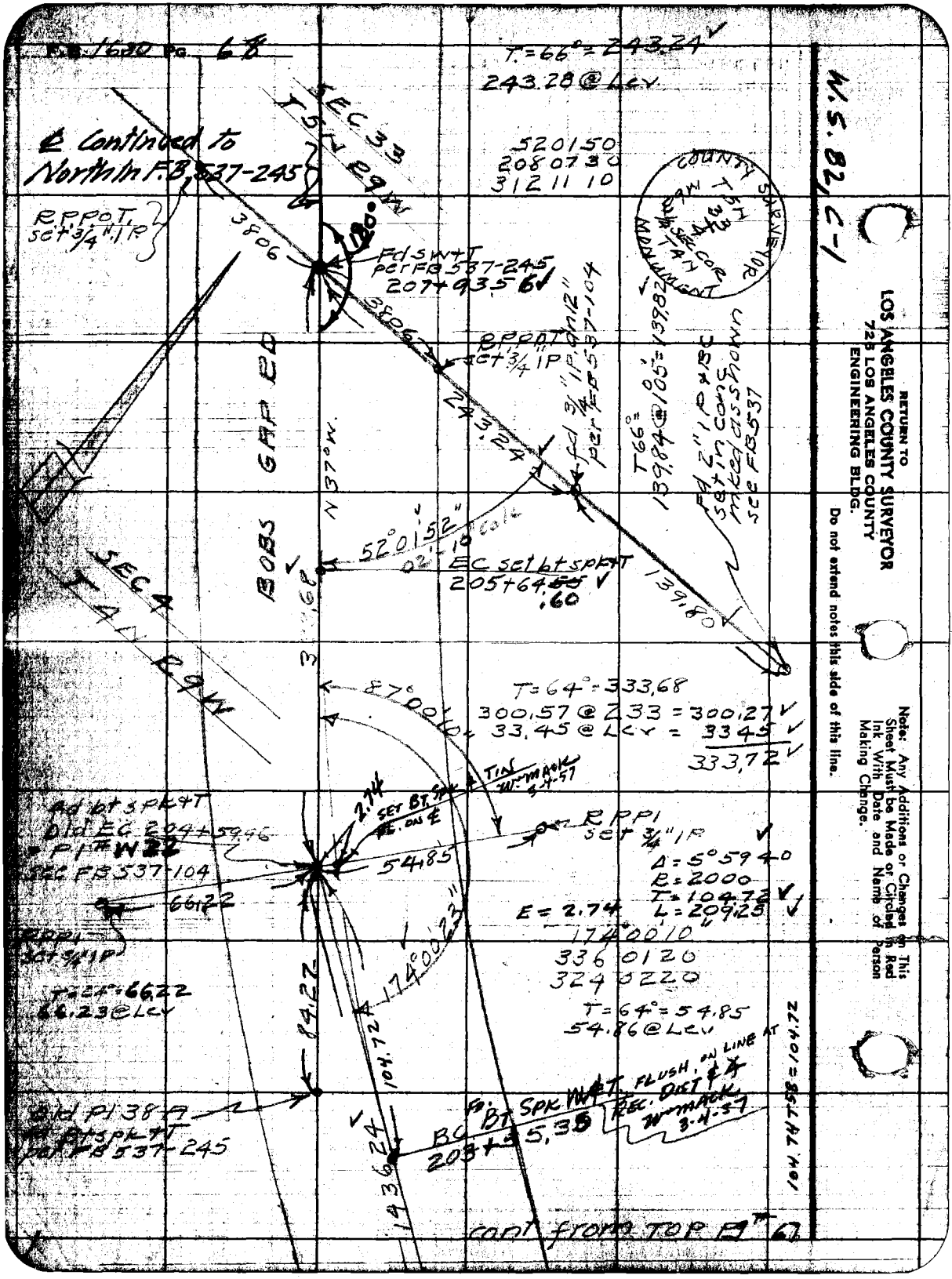
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

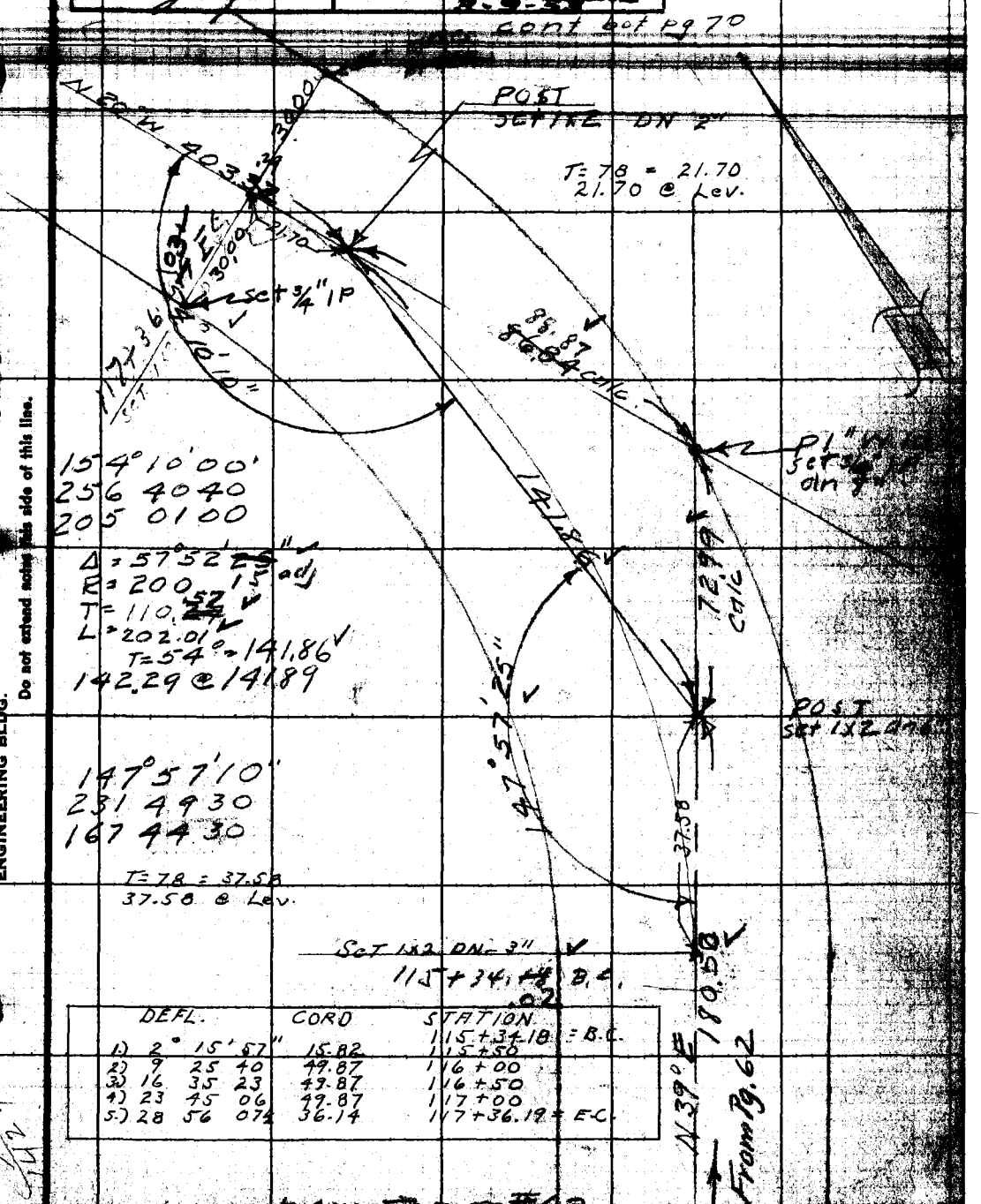
76F3095 247 2-51


F.B. 1630 PG. 68
T=66°=243.24
243.28 @ Lev
℄ Continued to North in F.B. 537-245
SEC 33 T5N R9W
520150
208 07 30
312 11 10
RPPOT, set 3/4" IP
3806
Fd SW+T per FB 537-245 207+93.56
3806
RPPOT set 3/4" IP
243.24
Fd 3/4" IP on 12" per FB 537-104
T66° 139.84 @ 105° = 139.82
Fd 2" IP & BC set in conc mked as shown see FB 537
BOBS GAP RD
N 37° W.
52°01'52"
02'-10" calc
EC set bt spk+T 205+64.60
139.80
SEC 4 T4N R9W
87°00'10"
T=64°=333.68
300.57 @ 233 = 300.27
33.45 @ Lev = 33.45
333.72
Fd bt spk+T Old EC 204+59.96 = P1 # W22 SEC FB 537-104
2.74
SET BT. SPK. ON ℄
TIN W. MACK 3-4-57
RPP1 set 3/4" IP
54.85
Δ = 5°59'40"
R = 2000
T = 104.72
L = 209.25
E = 2.74
66.22
RPP1 set 3/4" IP
174°00'10"
336 01 20
324 02 20
T=24°=66.22
66.23 @ Lev
174°00'23"
84.22
104.72
T=64°=54.85
54.86 @ Lev
Old P1 38-A Fd BT spk+T per FB 537-245
BC BT SPK W+T FLUSH, ON LINE AT 203+55.35
REC. DIST & ℄ W. MACK 3-4-57
143.24
104.74 T58 = 104.72
cont from TOP Pg # 67
W.S. 82, C-1
COUNTY SURVEYOR T5N R9W 33 3/4 SEC COR T4N MONUMENT
RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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.

F.B. 1680 Pg. 69

Map No. [illegible]	W. [illegible] Tape No. 77 St'd 89 °F
Office [illegible]	[illegible] P.L. Walley
Checked [illegible]	Notes Date [illegible]
Date July '53	Indexed [illegible] C. Johnson

cont bot pg 70



154°10'00'
256 40 40
205 01 00

Δ = 57°52'25" adj
R = 200
T = 110.57
L = 202.01
T = 54° = 141.86
142.29 @ 141.89

147°57'10"
231 49 30
167 44 30

T = 78 = 37.58
37.58 @ Lev.

Set 1x2 DN 3"
115+34.18 B.C.
.02

DEFL.	CORD	STATION
		115+34.18 = B.C.
1.) 2° 15' 57"	15.82	115+50
2.) 9 25 40	49.87	116+00
3.) 16 35 23	49.87	116+50
4.) 23 45 06	49.87	117+00
5.) 28 56 07½	36.14	117+36.19 = E.C.

cont from TOP Pg #62

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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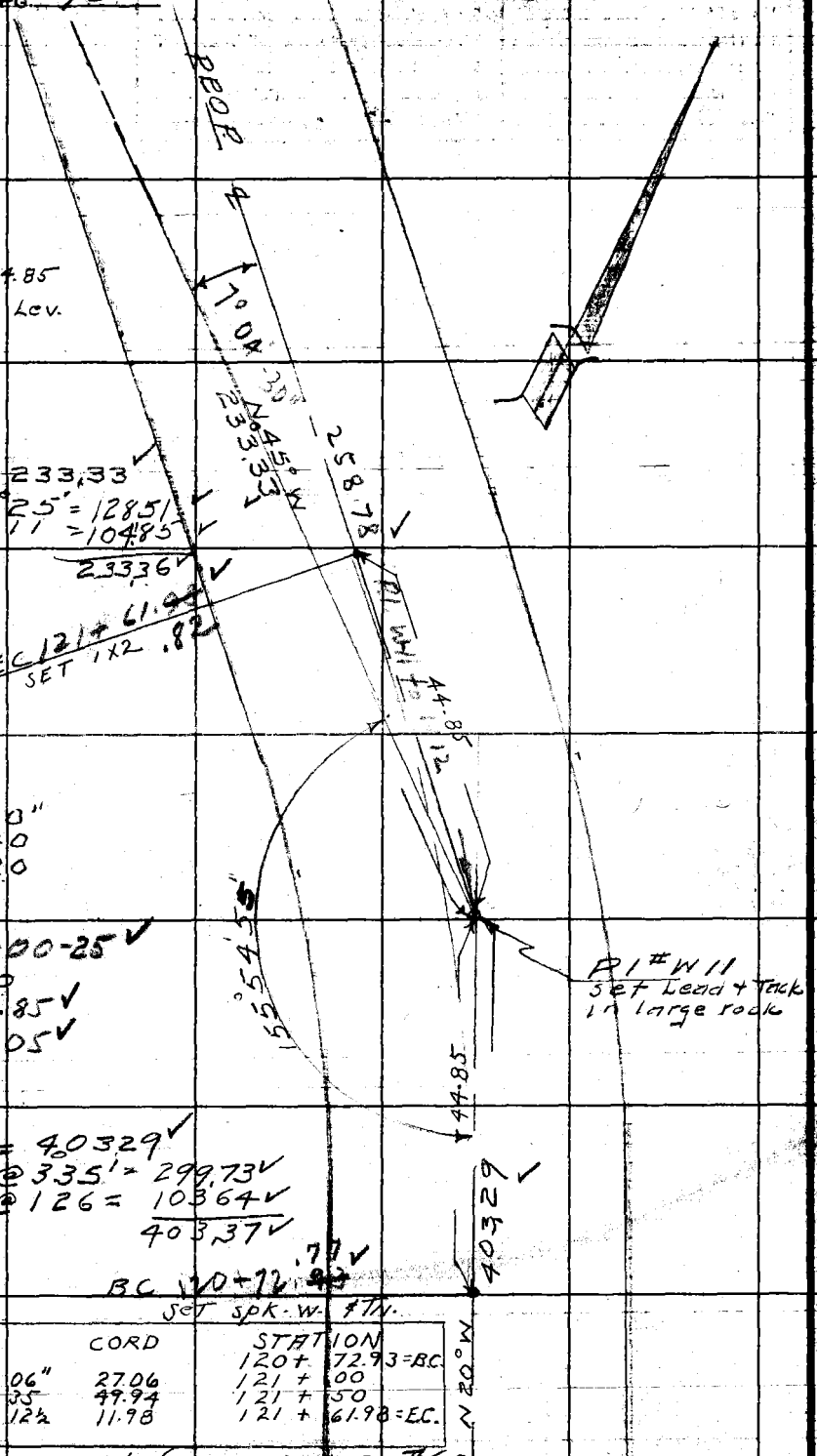
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 347 2-51

F.B. 1680 PG. 70

cont bot pg #71



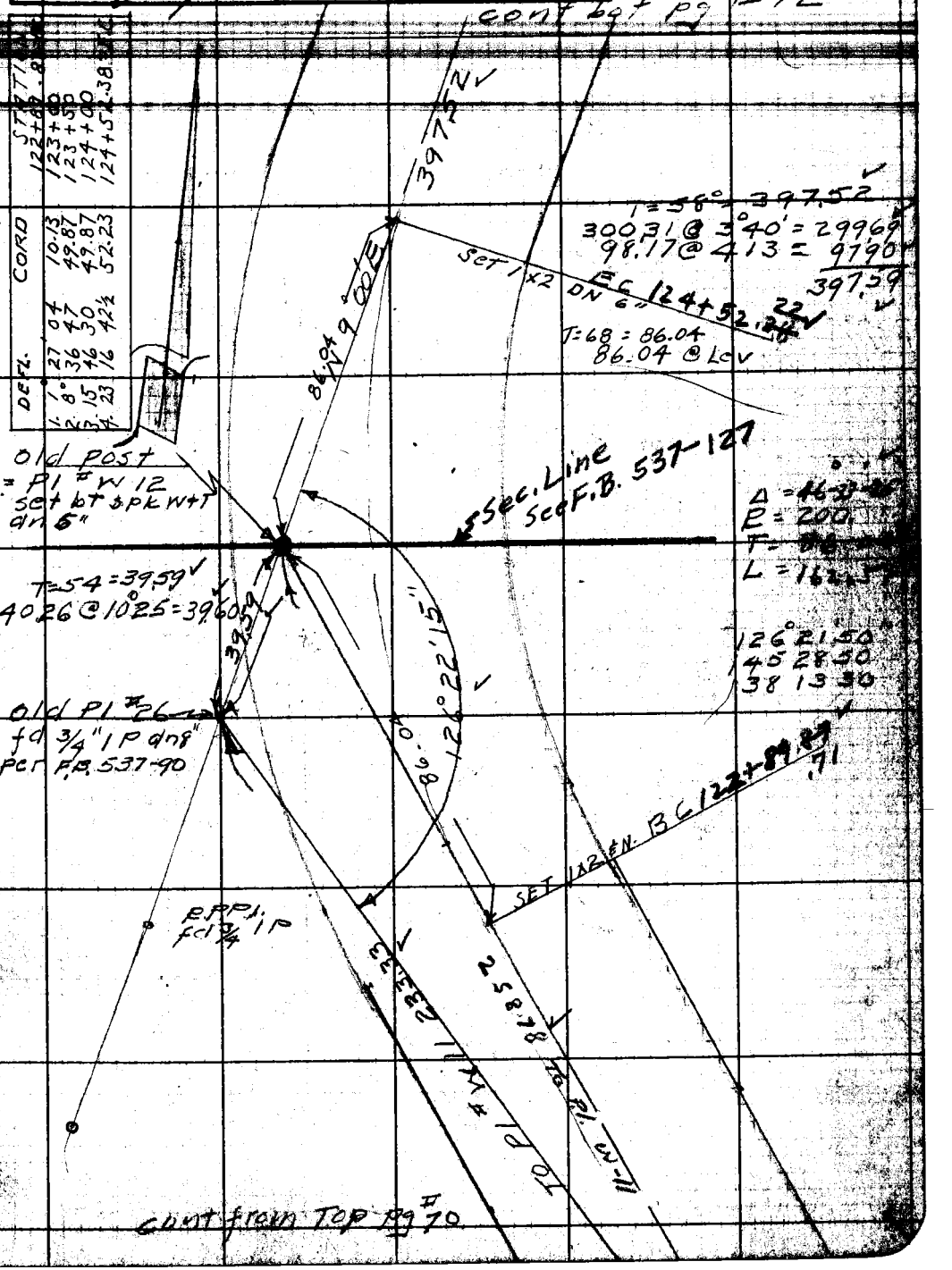
	DEFL.	CORD	STATION
			120 + 72.93 = BC
1.	2° 35' 06"	27.06	121 + 00
2.	7 21 35	49.94	121 + 50
3.	8 30 12½	11.98	121 + 61.98 = EC.

cont from top pg #69

RETURN TO
LOS ANGELES COUNTY SURVEYOR
72B 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.

F.B. 1680 Pg. 71

Map No. B-2398-1,2	W.O. 40 Tape No. 89 St'd. 84 °F
Office Work [illegible]	Surveyed by R.L. Willey
Checked [illegible]	Notes " Date 3-1-53
Date July 53	Indexed A. C. Johnson



DEFL.	CORD	STATION
1. 1° 27 04	10.13	122+89.89
2. 8° 36 47	49.87	123+00
3. 15 46 30	49.87	123+50
4. 23 16 42½	52.23	124+00
		124+52.38

W.S. 82, C-1

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.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3096 247 2-51

F.B. 1680 PG. 72 cont bot pg #73

DEFL.	CHORD	STATION
		125 + 52.38 = B.C.
1. 5° 13' 11"	54.58	126 + 50
2. 9 59 40	49.94	127 + 00
3 14 46 09	49.94	127 + 50
4. 19 32 38	49.94	128 + 00
5. 23 15 22½	38.85	128 + 38.88 = E.C.

T = 38° = 242.37
242.80 @ 307' = 242.44 ✓

128 + 38.72 ✓ E.C.
SET 1x2 DN. 6"

T = 70 = 128.93
100.58 @ 8° 08" = 99.57
29.36 @ Lev. = 29.36
128.93

133° 29' 20"
173 56 20
80 54 20

Δ = 46-30-45 ✓
R = 300
T = 128.93 ✓
L = 243.54 ✓

T = 74 = 128.93
100.65 @ 4°00' = 100.40
28.52 @ Lev. = 28.52
128.92

N 38° W

242.37 ✓

128.93

133° 29' 20"

PIW 13 = old PI #27
fd 3/4" IP
FB-537-90

T = 42 49.15
5155 @ 17°30'
= 49.16

80.50

RP.PI.
fd 3/4" IP. 10 W of line moved onto Line

T = 42 = 80.50
8682 @ 21°58'
= 80.52

RPPI.
fd 3/4" IP

SET LEAD & TK. IN ROCK
125 + 95.34 .18 B.C. ✓

128.93

cont from Top pg #71

RETURN TO
LOS ANGELES COUNTY SURVEYOR
723 LOS ANGELES COUNTY
ENGINEERING BLDG.

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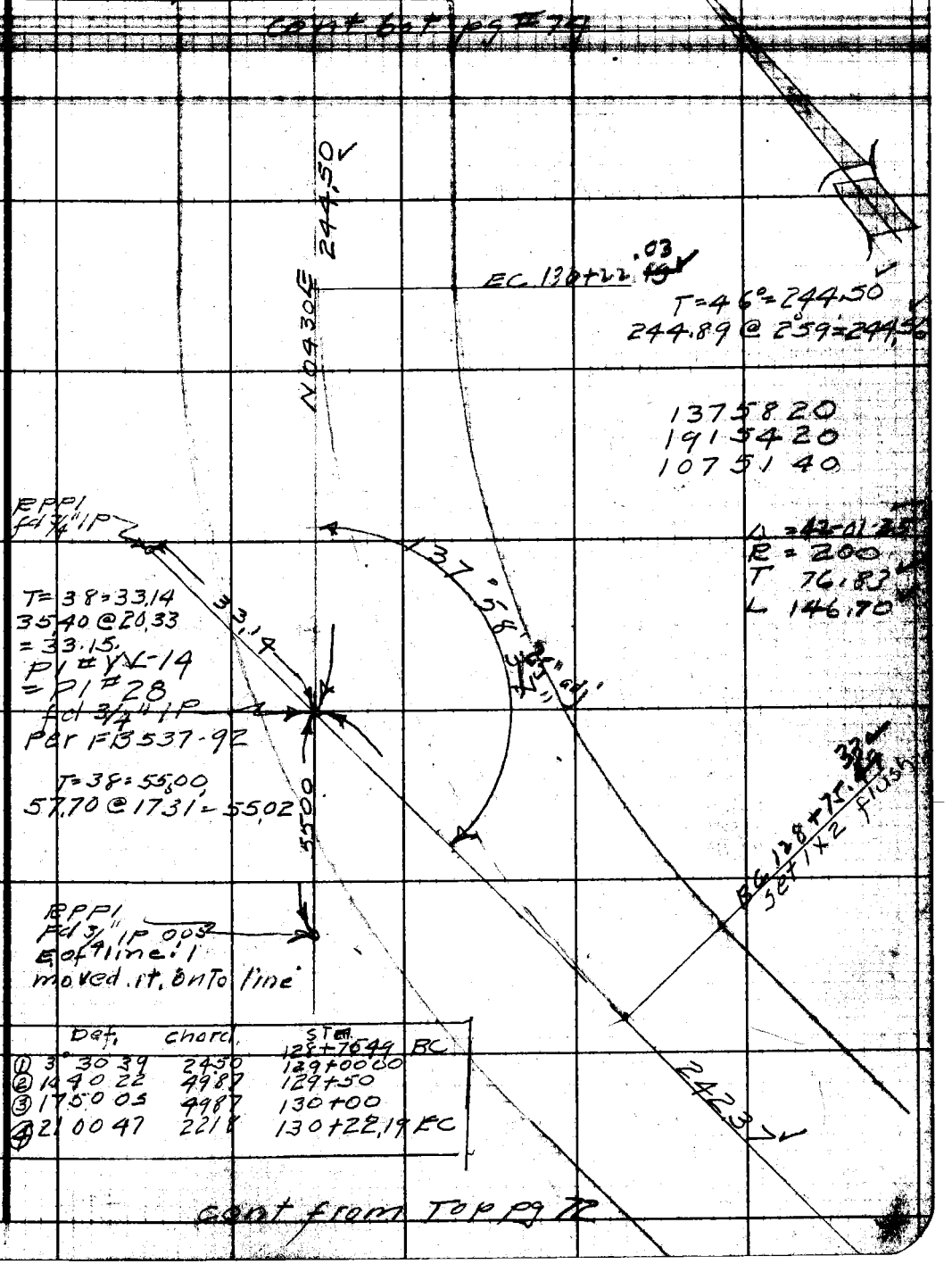
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Name Grid by DRSW	Survey of Bobs Gap
Map No. B-2390-2	W. 240 Tape No. 99 St'd. 84 °F
Office Work [illegible]	Surveyed by R. L. Willey
Checked [illegible]	Notes 11 Date 3-53
Date July '53	Indexed A. O. Johnson

F.B. 1680 Pg. 73

cont bot pg #74



	Def.	Chord	Sta.
			128+76.49 BC
①	3°30 39	2450	129+00.00
②	14 40 22	4987	129+50
③	17 50 05	4987	130+00
④	21 00 47	2218	130+22.19 EC

cont from Top pg 72

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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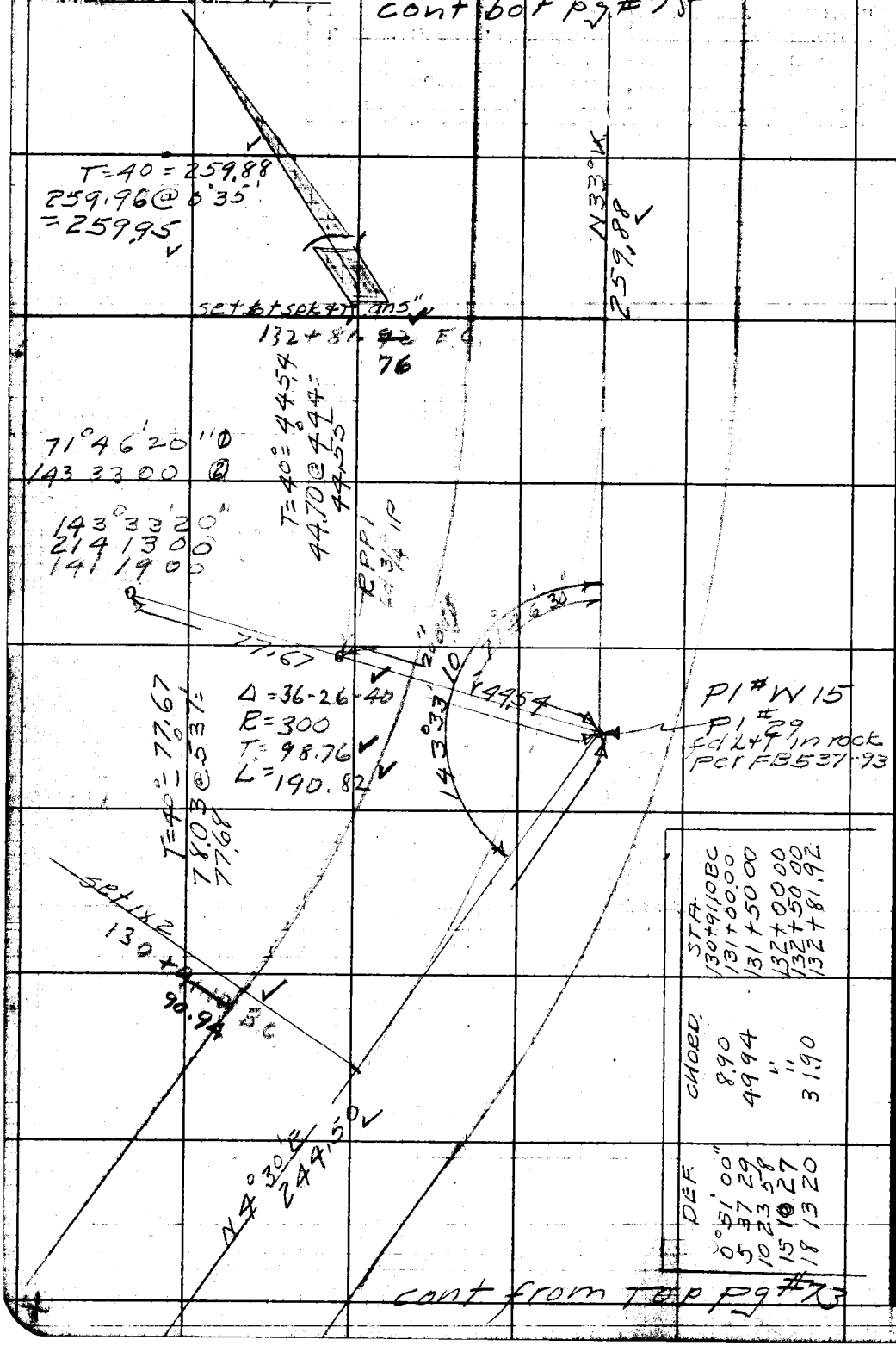
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

7673095 247 2-51

F.B. 1680 PG. 74

cont bot pg #75



DEF	CHORD	STA
0°51'00"	8.90	130+91.10BC
5 37 29	49.94	131+00.00
10 23 58	"	131+50.00
15 10 27	"	132+00.00
18 13 20	31.90	132+50.00
		132+81.92

cont from top pg #73

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

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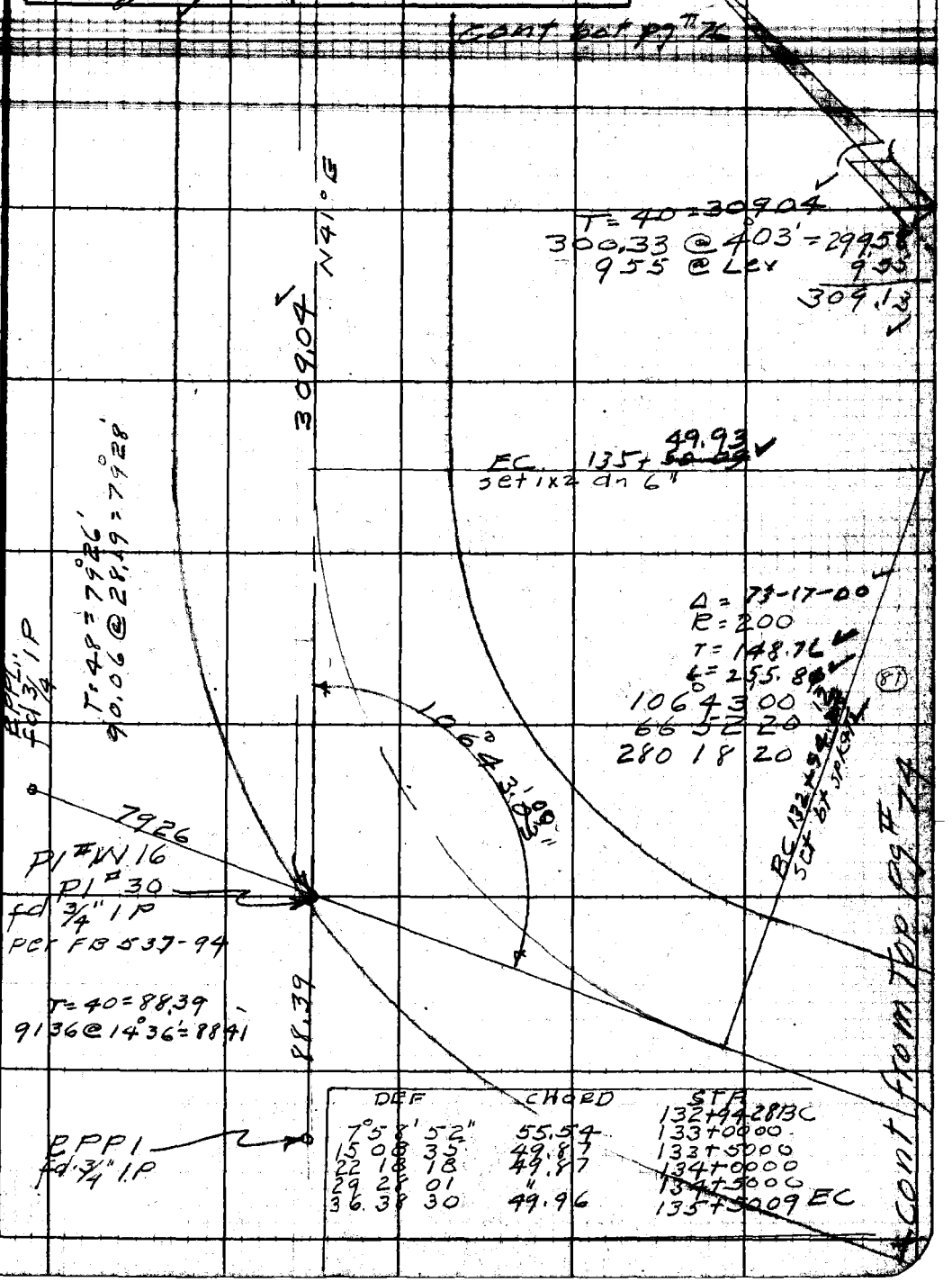
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by DRCW	Survey of Robs' Gap
Map No. B-2390-2	W. O. 2407 Tape No. 99 St'd. 84 °F
Office Work [illegible]	Surveyed by R.L. Willey
Checked McPherson	Notes Date 3-5-55
Date July '53	Indexed A. C. Johnson

F.B. 1680 Pg. 75



DEF	CHORD	STA
		132+94.28 BC
7°58'52"	55.54	133+0000
15 08 35	49.87	133+5000
22 18 18	49.87	134+0000
29 28 01	"	134+5000
36 38 30	49.96	135+50.09 EC

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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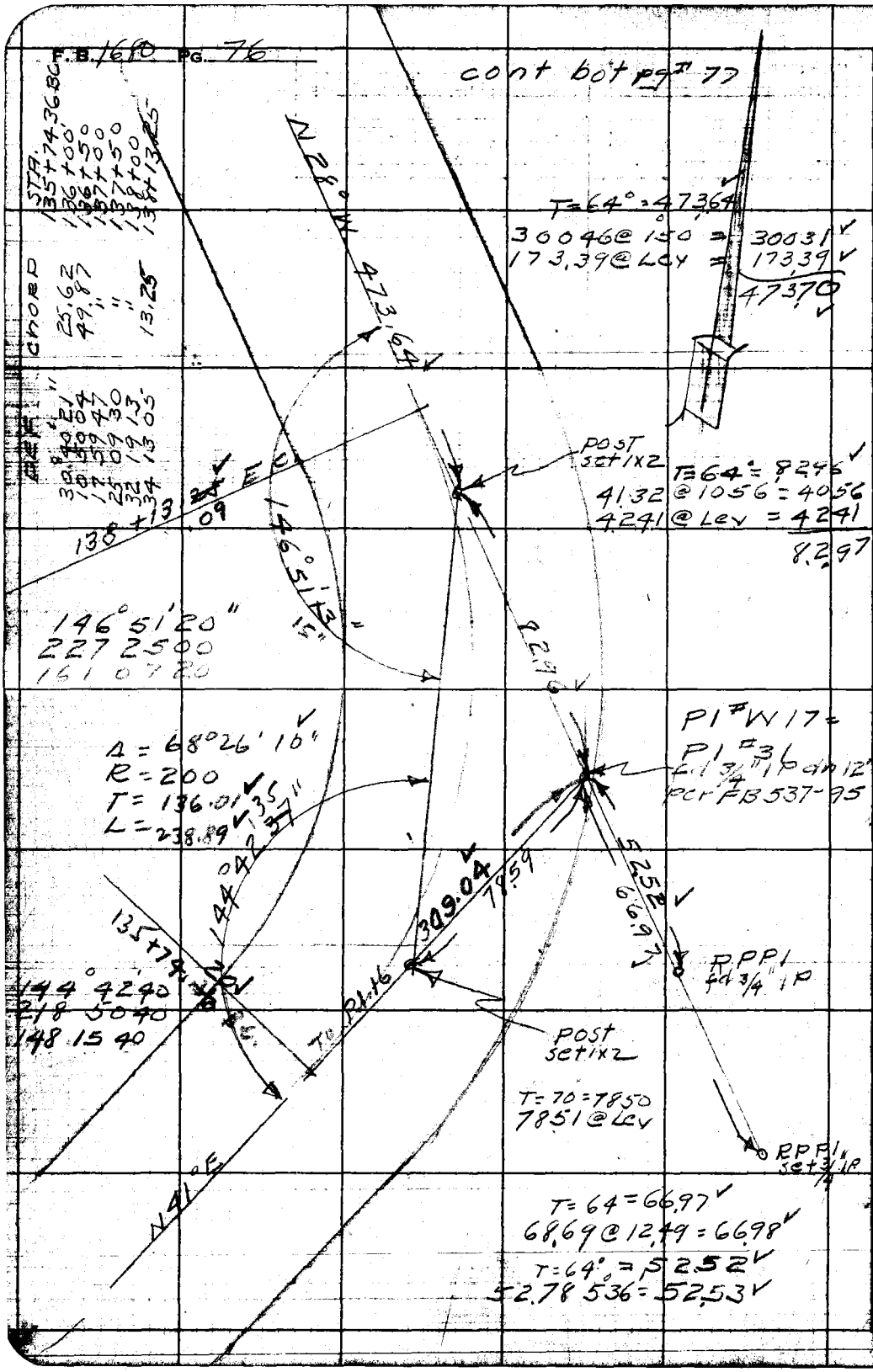
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 1680 PG. 76



W.S. 82, C-1

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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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.

F.B. 1680 Pg. 77

Map No. B-2390-2	W. O. P407 Tape No. 99 St'd. 84 °F
Checked McPherson	Notes 11 Date 3-53
Date July 53	Indexed A. C. Johnson

cont pg # 63

T = 66° = 428.09 ✓
275.91 @ 4°00' = 275.24 ✓
152.90 @ 1cv = 152.90 ✓
4281.4 ✓

428.09 ✓

Equation
142+61.53 back.
~~PI # W 42~~ POT
~~143+31.79 back~~
= 150+74.81 ahead
see pg # 63

PI # 32
fd 3/4" IP dn 12
per FB 537-96

T = 66° =
99.03 @ 3°45' = 98.82 ✓

RPPI
set 3/4" IP
T = 66 = 50.10
52.20 @ 16°16 = 50.11

~~143+01.83~~ BC
142+31.57 ✓

T = 64 = 70.10
70.11 @ 1cv

98.82

50.10

70.10

164.19 00
297 16 40
265 54 40

PI # W 18
set 3/4" IP dn 12

Δ = 15°40 55
R = 500
T = 68.86 ✓
L = 136.85 ✓

164.19 ✓

6500

473.64 ✓

PPPI
set 3/4" IP

140+94.72 ✓
~~141+64.98~~ BC

T = 66 = 6500
65.68 @ 8°11 = 65.01

DEF.	CHORD	STA.
		141+64.98
2°00 23	35.01	142+00
4 52 18	49.98	142+50
7 50.28	51.81	143+01.83

cont from Top pg # 76

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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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 2-51

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

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F. B. 1692 PG. 78

76L298 307 10-51

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726 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.

Profile No. 84-634 Notes Red W.E. Plotted ____ Job No. 2407 Division No. ____ F.B. 160 Pg. 79
Date 4-17-53 Date ____ Survey of ____ Date 4-18-53
Water Cond. ____ Checked ____ Survey by ____ Rudolf Johnson
No. ____ Date ____ Date ____ Map No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
Profile Line change cont from pg # 33						
					BM W4. El = 4060.801 FB 1680 - 30	
BM W4	1.468	4062.269		4060.801	N on W Line Sec. 9 40' ± N Sta. 99+95.30	
					fd 2" IP + BC set in con MKed BM W4	
T.P.	1.840	4058.697	5.412	4056.857		
T.P.	3.555	4051.842	10.410	4048.287		
106+96.64			6.62	45.22	POT 1x2	
107+33 ℄			12.0	39.8	bot drain	
107+50			11.08	40.76	1x1	
107+79			16.9	35.4	bot brk	
107+91			10.4	41.4	Top "	
TP 108+00	0.420	4040.455	11.807	4040.035	1x1	
108+17			5.1	35.4	bot brk	
108+50			5.17	35.28	1x1	
109+00			9.27	31.18	"	
T.P.	2.687	4031.240	11.902	4028.553	"	
109+50			3.74	4027.50	"	4019.380
110+00			4.21	4027.03	"	2.473
110+50			3.94	27.30	"	21.853
111+00			9.16	22.08	"	
111+50 TP	2.473	4021.853	11.860	4019.380	"	
111+76 ℄			1.1	20.8	T brk	

76L298 307 10-51

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR
726 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	B. S.	H. I.	F. S.	ELEV.		
112+00		4021.853	335	4018.518	1X1	
112+50			338	18.47	"	
113+00			456	17.29	1X1 Top cut bank	
113+098			73	14.6	bot brk	
113+3143			837	13.48	1X2 BC	
113+50			887	12.98	1X1 edge Rd	
114+00 T.P.	0270	4012.131	9992	4011.861	Spk+T	
114+5520			37	4008.4	Ground el. EC	1X2 dn 6"
115+00			670	05.43	Spk+T	
115+3418			79	03.2	ground el. BC	1X2 dn 6"
115+50			871	03.42		
116+00 T.P.	0810	4001.378	11563	4000.568	Spk+T	
116+50			948	3996.10	" "	
117+00			827	3993.11	" "	
117+3619			11.4	90.0	Ground el. (EC	1X2 dn 6")
T.P.	5.525	3595.172	11.731	3989.647		
117+50			658	88.59	Spk+T	
118+00			981	85.36	" "	
118+50			1165	83.52	" "	
TBM	0358	3989.327	6203	3988.969	TBM El = 3988.997 FB 1680-34	
					⊥ □ chised on top incinerator 178' S	
					& 66' E old pl # 25 - rock kilm	

F.B. 1680 Pg. 99 Job No. 2407 Division No. Notes Red. W.E. Plotted Profile No. 84-63-4 X-Sec. No.

Survey of Bobs Gap Rd Date 4-17-53 Date Date

Survey by R. L. Willey Notes R.L.W. Notes Chkd. Checked Date

Indexed O. K. Date Date

76L298 307 10-51

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726 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	B. S.	H. I.	F. S.	ELEV.		
119+00		3989.327	790	3981.43	SPK+T	
119+50			1079	78.54	" "	
T.P.	0.270	3979.674	992	3979.404		
120+00			492	74.75	1X1	
120+50			819	71.48	bt SPK+T	
120+72.93			915	70.52	bt SPK W+T	BC.
121+00			990	69.77	1X1	
T.P.	0.643	3968.722	11.595	3968.079		
121+50			246	~~6476~~ 6516	SPK+T	
121+61.98			356	6516	1X2 EC	
122+00			529	6343	SPK+T. bot	
122+24			28	659	Top brk	
122+50			1057	5815	bot "	
122+89.87			1600	5272	1X2 BC. bot brk	
123+00			1104	5768	bead+Tack in rock	
123+16			35	65.2	Top brk	
T.P	0.98	3957.77	1193	3956.79		
123+50			630	3951.47	1X1	
124+00 T.P	0.27	3946.13	1191	3945.86	SPK+T	
124+52.38			25	43.6	Ground	(BC 1X2 dn 6"
125+00			414	41.99	1X2	

Note
There is a short
N25°W 1 mile to Stoney

Profile No. 84-63.4 Notes Red W.E. Plotted ____ Job No. 2402 Division No. ____ F.B. 160 Pg. 81
X-Sec. ____ Date 4-17-53 Date ____ Survey of Brown Gulch
Rodman Chief ____ Checked ____ Survey by ____ Notes ____
No. ____ Date ____ Date ____ Map No. ____ Interp. F. Jordan Date ____

76L298 307 10-51

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR
726 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	B. S.	H. I.	F. S.	ELEV.		
125+50		3946.13	6.39	39~~4~~39.74		
125+9534			8.47	3~~8~~7.66	1X2 BC	
T.P.	1.05	3938.33	8.85	3937.28		
126+50			3.43	3934.90	Spk+T	
127+00			5.34	32.99	" "	
127+50			7.24	31.09	" "	
128+00			9.04	29.29	" "	
128+38.98			10.4	27.9	Ground el EC	1X2 dn 6"
128+79.49			11.69	26.64	1X2 BC.	
T.P.	11.72	3938.75	11.30	3927.03		
T.P.	12.20	3948.83	2.12	3936.63		
BMW5	0.31	3948.84	0.34	3948.53	BMW5 El = 3948526 FB 1680-34 90' ± E of BC 178+79.49.	
T.P.	2.32	3938.99	12.17	3936.67	Strong wind blowing corrected el.	
T.P.	0.23	3928.74	10.48	3928.51		
129+00			2.87	25.87	1X1	
129+50			4.84	23.90	"	
130+00			6.66	22.08	"	
130+22.19			7.38	21.36	1X2 EC	
130+50			8.47	20.27	1X1	
130+91.10			9.47	19.27	1X2 BC	
131+00			9.63	3919.11	1X	

F.B. 1680 Pg. 82 Job No. R407 Division No. Notes Red. W.E. Plotted Date 4-17-53 Date No. 84-63-4 Profile
Survey of Bobs Gap Rd Notes Chkd. Checked Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Date No.
Indexed R. O. Johnson Date

76L298 307 10-51

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
131+50		3928.74	1209	3916.65			
TP	0 59	3918.76	1057	3918.17			
132+00			403	3918.73	spk+T		
132+50			585	12.91	" "		
132+8192			717	11.59	Ground el.	(EC	6t spk W+T dn 4"
132+9429			765	11.11	" "	BC	" " " " 4"
133+50			955	09.21	1X1		
134+00			1014	08.62	"		
T.P.	2 04	3909.08	1172	3907.04			
134+50			350	3905.58	1X1		
135+00			675	02.33	spk+T		
135+5009			85	00.6	Ground el	EC	1X2 dn 6"
135+7436			93	3899.8	" "	BC	" " "
136+00			1028	98.80	spk+T		
136+50			1138	97.70	1X1		
TP	5 68	3905.96	880	3900.28			
137+00			589	00.07	Spk + T		
137+50			390	02.06	" "		
138+00			413	01.83	" "		
138+1325			43	01.7	Ground el	EC	1X2 dn 6"
138+50			532	00.64	SPK+T		

Profile No. 84-13-4 Notes Red. W.E. Plotted Date 4-17-53 Scale 1"=50' Job No. P407 Division No. F.B. 1660 Pg. 83
Notes Chkd. Checked Date Survey by L.L. Williams Date 4-17-53
No. Date Map No. Indexed Date J. Johnson

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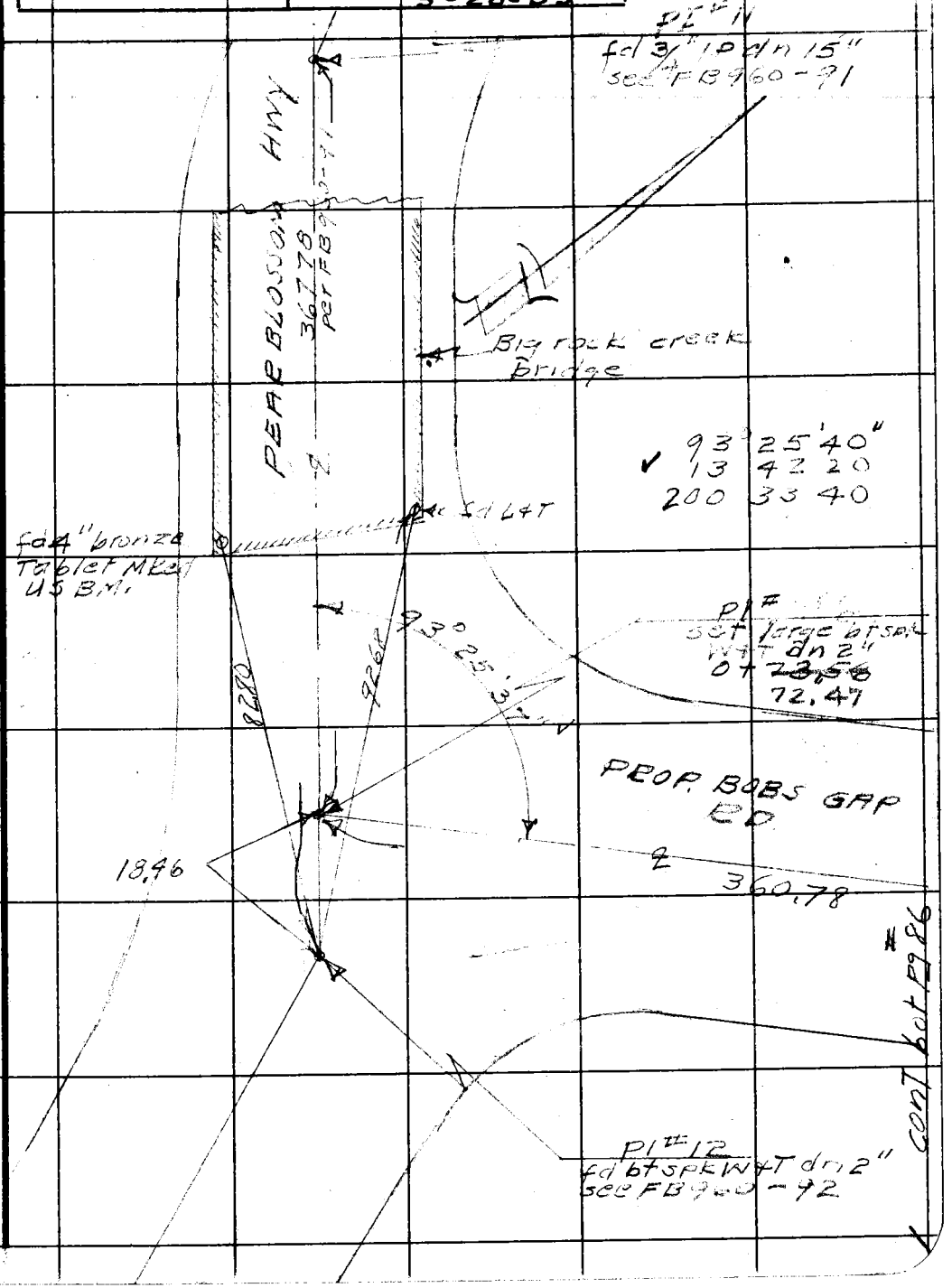
STATION	B. S.	H. I.	F. S.	ELEV.		
139+00		3905.96	8 13	389[illegible]83	spk 4T	
139+50			11 48	9[illegible]48	" "	
140+00			13 0	9[illegible]0	" "	in swale
140+50			12 24	9[illegible]72	" "	
T.P.	7 32	3901.05	12 23	38[illegible]73		
140+94.88 ~~141+64.98~~			7 5	9[illegible]5	Ground el. BC 1X2 dn 6"	
141+29.90 ~~142+00~~			8 42	9263	spk 4T	
141+79.90 ~~142+50~~			10 17	908	" "	
141+90.90 ~~142+61~~			10 7	903	Bot cut bnk	
142+31.73 ~~143+01.83~~			6 00	9505	EC 1X2	
~~143+31.74~~ 143+61.63 = back						
150+7481 = ahead			1 59	9946	Pot 3/4" IP 143+3179 back = 150+7481 ahead	
T.P.	0 90	3892.38	9 57	3891.48		
151+00			+4.1	3896 5	1X1	
151+50			2 44	388[illegible]94	1X1	
152+00			5 52	388[illegible]86	1X1	
152+50			7 39	3884.99	1X2 old sta. see pg #35 = 388497	
153+00			8 93	3883 45	" " " " " " 3883.41	
153+50			11 86	3880 52	" " " " " " 388047	

F.B. 1680 PG 84 Job No. R407 Division No. Notes Red. W.E. Plotted Profile No. 84-63-4
Survey of Bobs Gap Rd Date 4-17-53 Date X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Indexed R. C. Johnson Date Date No.

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

Survey of Bobs Gap Rd
W. O. 2407 Tape No. 99 St'd. 84 °F
Surveyed by R.L. Willey
Notes " Date 5-10-55
Indexed A. C. Johnson 5-20-82

F. B. 1650 Pg. 85



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76F309S 247 2-51

F.B. 1680 PG. 86 cont bot pg #87

COUNTY SURVEYOR
T4N
R9W
8 9
1716

W.S. 82, C-2

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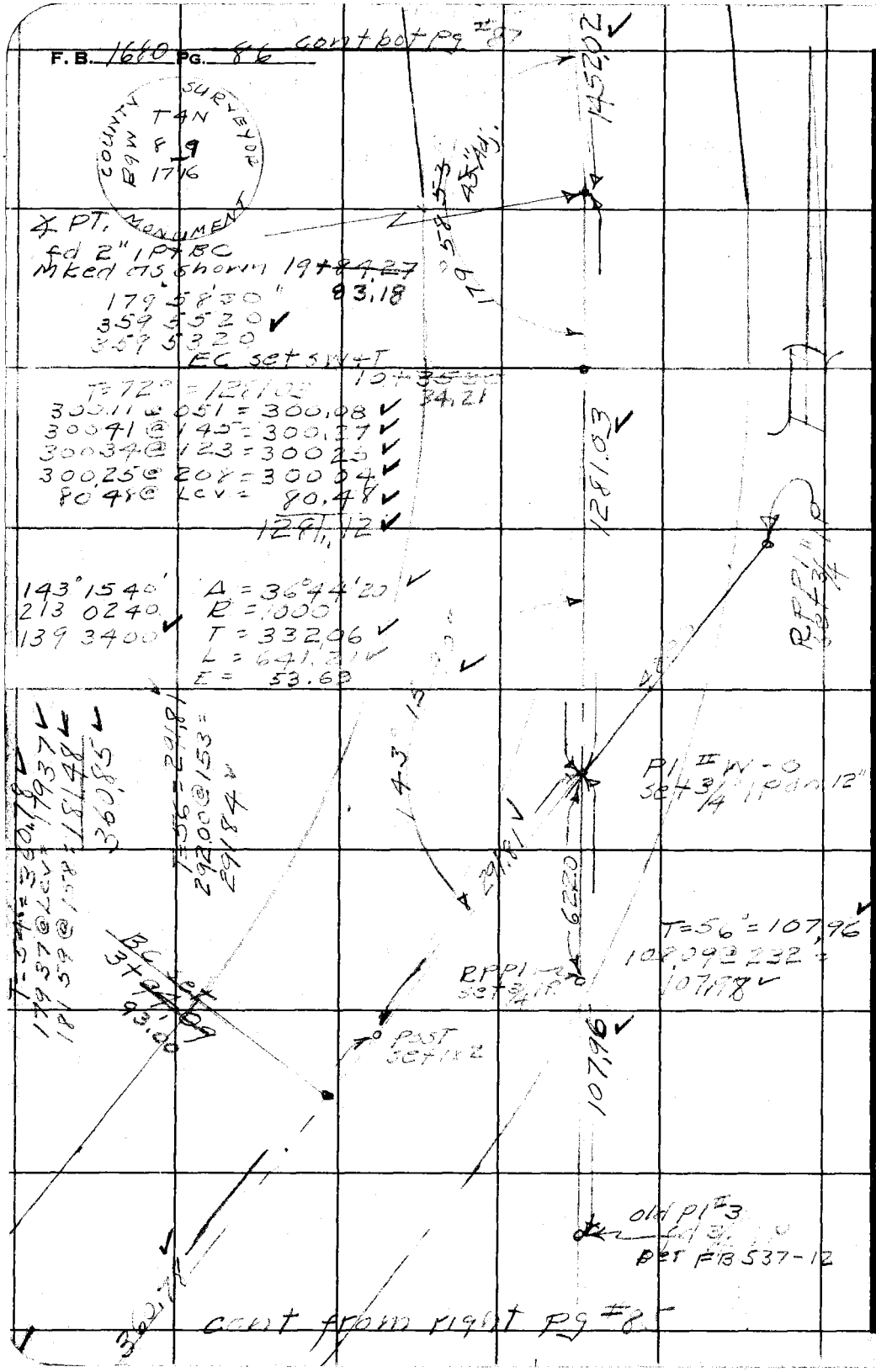

Notes Ck'd by ERM	Survey of Bobs Gap Rd
Map No.	W. O. 2407 Tape No. 99 St'd. 84 °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 5-10-5
Date	Indexed A. C. Johnson

F. B. 1680 Pg. 87

cont bot Pg # 88

218.19

To 1/4 sec 8-9 see Pg #51

T=56°=225.69

225.75 @ 0°50' = 225.73

EC set 1x2 36+59.37 58.25

225.68

P1 # W-1 fn 3/4" IP per Pg #51

RPP1 set 3/4" IP

28.64

6330

35" Adj

70.79

164°52'27"

P1 # W-1- set 3/4" IP dn 12"

164°52'20"

299 29 40

269 14 40

Δ = 15°07'25"

R = 1700

T = 225.68

L = 448.73

RPP1 set 3/4" IP

def.	chord	station
1°30'24"	3940	32+1060 B.C
2-20-57	5000	33+0000
3-11-30	"	33+5000
4-02-03	"	34+0000
4-52-36		34+5000
5-43-09		35+0000
6-33-42		35+5000
7-24-15		36+0000
7-33-43		36+5000
		36+5937

T=74°=145202

281.26 @ Lev = 281.26

122.49 @ Lev = 122.49

298.86 @ 202 = 298.67

300.86 @ 218 = 300.62

300.88 @ 227 = 300.61

148.51 @ 130 = 148.46

1452.11

BC set S.W+T 32+~~10.60~~ 09.52

145202

cont from TOP Pg #86

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76F309S 247 2-51

F. B. 1680 PG. 88

cont bot pg # 89

T=66° = 606.57
295.66 @ 300 = 295.25
54.34 @ Lev = 54.34
73.43 @ Lev = 73.43
52.00 @ Lev = 52.00
131.83 @ 313 = 131.62
606.64

606.57

POT
Set 1x2
45+~~49.78~~
48.67

672.23
N 15° E

T=64 = 672.23
261.63 @ 204 = 261.46
204.07 @ Lev = 204.07
206.92 @ 201 = 206.79
672.32

POT
Set 1x2
38+~~77.55~~
76.44

T=58° = 218.18
218.23 @ 103 = 218.21

218.18

cont from Top pg #87

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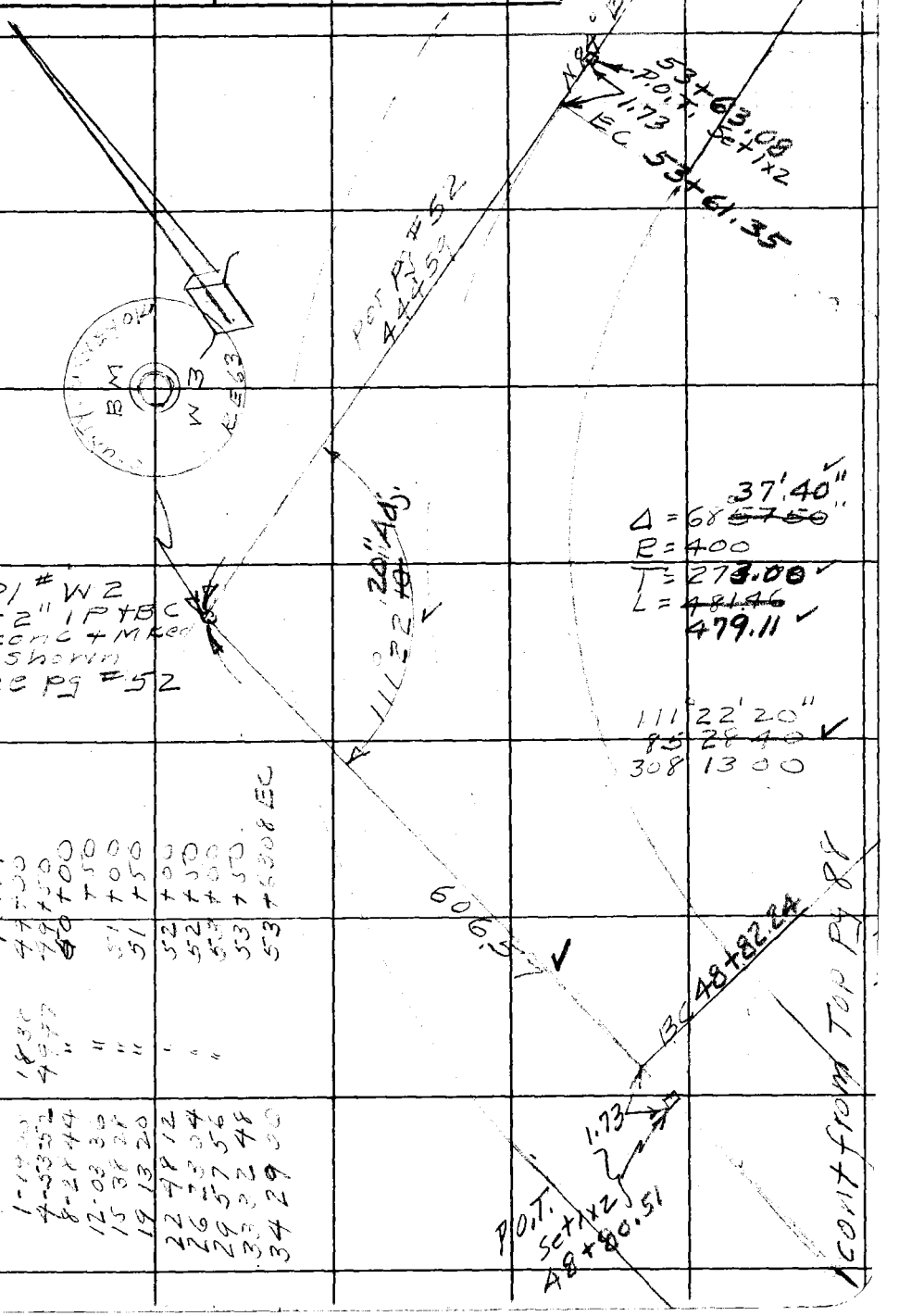
Notes Ck'd by KRM.	Survey of Bobs Gap Rd
Map No.	W. O. 2403 Tape No. 22 St'd. 25 °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 5-10
Date	Indexed A. C. Johnson

F. B. 1600 PG. 8

con. bot pg #5



Def	Chord	Station
P1		48+81.62 BC
1-19 00	18 38	49+00
4-53 52	49 57	49+50
8-28 44	"	50+00
12-03 36	"	50+50
15 38 28	"	51+00
19 13 20	"	51+50
22 48 12	"	52+00
26 23 04	"	52+50
29 57 56	"	53+00
33 32 48	"	53+50
34 29 00		53+63.08 EC

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W.S. 82, C-1

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76F309S 247 2-51

F. B. 1680 PG. 90

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STATION	B. S.	H. I.	F. S.	ELEV.		
[illegible]						
USBM 1875	595	389974		3893[illegible]	USBM 1875 [illegible] 3[illegible] 791 FB 537-[illegible] [illegible]	
0+52			656	389318	SWly edge pvmt Pearblossom Hwy	
0+64			617	9357	℄ Bobs Gap Rd	" "
0+73.56			612	9362	" " " " & E edge pvmt Pearbloss Hwy	
R 100			409	9565	SWly [illegible] ℄	"
R 200			008	9966	" " " "	"
L 68			693	9281	℄ Pearblossom Hwy & ℄ SWly end Bridge	~~Big Rock Creek~~
1+00			702	9272	" Bobs Gap Rd	Big Rock Creek
+50			824	9150	" " " "	
2+00			841	9133	" " " "	
2+50			68	929		
T.P.	807	3902.99	482	3894.92		
3+00			80	950	" " " "	
+50			61	969	" " " "	
3+94.09 BC			49	981	" " " "	
4+50			49	981	" " " "	
5+00			64	966	" " " "	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. R407 Division No. ____ F.B. 1650 Pg. 91

X-Sec. No. ____ Date ____ Date ____ Survey of Bobs Gap Rd

Notes Chkd. ____ Checked ____ Survey by R.L.W. Notes R.L.W. Date 5-15-[illegible]

Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

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F.B. 16[illegible] PG. 92 Job No. B-4[illegible] Division No. ______ Notes Red. ______ Plotted ______ Profile No. ______
Survey of [illegible] Date ______ Date ______ X-Sec.
Survey by [illegible] Notes [illegible] Notes Chkd. ______ Checked ______ No. ______
Indexed A. C. Johnson Date ______ Date ______ Date ______

STATION	B. S.	H. I.	F. S.	ELEV.	
5+50		[illegible]	78	[illegible]2	℄ [illegible]
6+[illegible]			95	[illegible]5	" "
TP	[illegible]	[illegible]93.57	11[illegible]	[illegible].92	
6+50			[illegible]	[illegible]5	" " " "
7+00			[illegible]	[illegible]	"
+50			[illegible]	[illegible]2	" " " "
[illegible]			94	[illegible]	"
+[illegible]			115	[illegible]	" " " "
TP	0[illegible]	[illegible]8903	[illegible]	[illegible]	
9+[illegible]			26	[illegible]4	" " " "
+50			[illegible]	[illegible]0	" "
10-00			[illegible]	[illegible]	" "
10+25 30 E[illegible]			[illegible]	[illegible]	" " " "
[illegible]			72	[illegible]	" " "
11+00			84	[illegible]6	" " " "
+[illegible]			[illegible]	[illegible]	" " " "
12+00			[illegible]	[illegible]	" "
TP	13[illegible]	[illegible].35	[illegible]	[illegible]	" " " "
+50			30	[illegible]3	" " " "
13+00			76	[illegible]7	" " " "
+50			[illegible]5	[illegible]	" " " "

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STATION	B. S.	H. I.	F. S.	ELEV.		
14+00		387+35	8 3	[illegible]	BM[illegible]	[illegible]
BMW-1	0 46	3[illegible]	67 5	3[illegible]	[illegible]	[illegible]
14+50			4 0	[illegible]	[illegible]	
[illegible]			5 0	[illegible]		
+50			5 6	[illegible]	" " "	
[illegible]			6 2	62.4	" " "	
+50			[illegible]	60 7	"	
[illegible]			9 9	58.7		
[illegible]			[illegible]	57 4	"	
[illegible]			11 8	5[illegible]	" " "	
T.P.	176	[illegible]	11 67	[illegible]		
[illegible]			2 8	[illegible]		
[illegible]			3 8	[illegible]		
[illegible]			5 6	52 0		
TBM	030	3851 [illegible]	7 86	385[illegible]	[illegible]	
20+00			+0.4	3851 5	[illegible]	
+50			1 2	49.9	" " " "	
21+00			3 3	47 8	" " " "	
+50			6 1	45.0		
22+00			7 6	43.5	" " " "	
+50			9 [illegible]	41.7	" " " "	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. ____ PG. ____

X-Sec. No. ____ Date ____ Date ____ Survey of [illegible]

Notes Chkd ____ Checked ____ Survey by ____ Notes ____ Date 5-15-53

Date ____ Date ____ Map No. ____ Indexed ____ Date ____

C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.		
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
TP	[illegible]	[illegible]	11 75	[illegible]		
[illegible]			[illegible]	[illegible]		
[illegible]			[illegible]	[illegible]		
+50			[illegible]			
[illegible]			[illegible]			
[illegible]			[illegible]	[illegible]		
TP	[illegible]	[illegible]	[illegible]	[illegible]		
26+00			29	[illegible]	[illegible]	
+50			5 [illegible]	[illegible]	" " " "	
27+00			7 2	[illegible]	[illegible]	
+50			8 7	[illegible]	[illegible]	
28+00			10 2	[illegible]	" " " "	
+50			11 3	[illegible]	[illegible]	
T.P.	1 [illegible]	3818.37	11 55	[illegible]		
29+00			3 2	[illegible]	" " " "	
+50			4 7	[illegible]		
30+00			6 4	[illegible]		
[illegible]	[illegible]	3813.23	6 14	[illegible]	[illegible] 3812.47 [illegible] [illegible] E side 1646 [illegible] PP [illegible]	8-9 17-16
[illegible]			2 7	10.5		
[illegible]			4 3	[illegible]		

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
31+50		3813.22	60	3807.2	℄ [illegible]	
32+00			78	[illegible]5.4	" "	
32+[illegible] BC			82	[illegible]	" " " "	
32+50			94	[illegible]	" " " "	
33+00			107	25	" " " "	
33+50			112	21.0	" " " "	
T.P.	227	3804.00	1150	3801.73		
34+00			33	3800.7	" " " "	
+50			54	3798.6	" " " "	
35+00			58	3798.[illegible]	" " " "	
+50			64	[illegible]	" " " "	
36+00			69	[illegible]	" " " "	
+50			78	96.2	" " " "	
36+[illegible] EC			75	96.5	" " " "	
37+00			87	[illegible]	" " " "	
T.P.	149	3796.75	864	3795.36		
37+50			27	94.1	" " " "	
38+00			35	93.3	" " " "	
+50			45	[illegible]	" " " "	
38+77.55			58	91.0	Not " " "	
39+[illegible]			69	89.7		

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. ____ PG. ____

X-Sec. No. ____ Date ____ Date ____ Survey of ____

Notes Chkd ____ Checked ____ Survey by ____ Notes ____ Date ____

No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

R. C. Johnson

F.B. 1680 PG. 96 | Job No. E407 | Division No. | Notes Red. | Plotted | Profile

Survey of [illegible] | Date | Date | No.

Survey by [illegible] | Notes | Notes Chkd. | Checked | X-Sec.

Indexed A. C. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.
[illegible]				

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3[illegible]2.50				
T.P.	11.67	38[illegible]	0 [illegible]	[illegible]		
48+[illegible]			9 0	05[illegible]	[illegible]	
48+81.[illegible]	SC		[illegible]	[illegible]	" " "	RC
49+[illegible]			4 [illegible]	[illegible]		
49+[illegible]			2 7	12[illegible]	" " " "	[illegible]
T.P.	11.52	3826.29	0 17	[illegible]		
49+[illegible]			3 2	23.1	" " " "	STK
50+[illegible]			3 3	23 0	"	
+12			4 9	[illegible]	" " " "	
50+50			3 6	[illegible]		
T.P.	11.46	3837.10	0 65	3825.64		
50+[illegible]			11 0	26.1	" " " "	T but present Bd
50+94.5			12 1	25.0	" " " "	B. " " "
51+[illegible]			11 6	[illegible]	" " "	
51+[illegible]			[illegible]	27 6	" " " "	B. but " "
[illegible]			6 [illegible]	[illegible]	" " "	T " "
52+00			0 5	26 6	" " "	
T.P.	[illegible]	3849.25	0 [illegible]	[illegible]36.21		
52+50			7 4	40 8	" " " "	
53+00			3 5	44 7	" " " "	

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Date ____ Job No. ____ Division No. ____ Survey of [illegible]

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

Map No. ____ Indexed ____ Date ____

F.B. ____ PG. ____

F.B. [illegible] PG. 98 Job No. [illegible] Division No. ______ Notes Red. ______ Plotted ______ Profile No. ______

Survey of [illegible] Date ______ Date ______ X-Sec.

Survey by [illegible] Notes [illegible] Notes Chkd. ______ Checked ______

Indexed A. C. Johnson Date ______ Date ______ Date ______ No. ______

76L298 307 10-51

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LOS ANGELES COUNTY SURVEYOR
726 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	B. S.	H. I.	F. S.	ELEV.		
53+50		[illegible]	1.6	[illegible] .26	± [illegible]	
53+63.08			.98	.74	" [illegible]	
T.P.	0.7 [illegible]	[illegible] .87	[illegible]	887.14	BM W3 El - 38 [illegible]	[illegible]
BM W-3			1.6 [illegible]	[illegible] 7	[illegible]	+ Mked BM W3
					[illegible] pg # 21	for profile Along

F. B. 1680 Pg. 99

Notes Ck'd by	Survey of BOB'S GAP RD
Map No. B-2390-1&2	W. O. 0900.80 Tape No. 26 St'd. 84 °F
Office Work	Surveyed by MACK
Checked	Notes M Date 4-16-54
Date	Indexed L. O. Johnson 4-21-54

J.N. 0900.80

BOB'S GAP RD.

LINE CHANGE

BET. OLD P.I. #W-10 & OLD P.I. #W-12

PARTY:
MACK
HALISCKY
RITTER
ALBRIGHT
TALBOT

Notes: 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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RETURN TO
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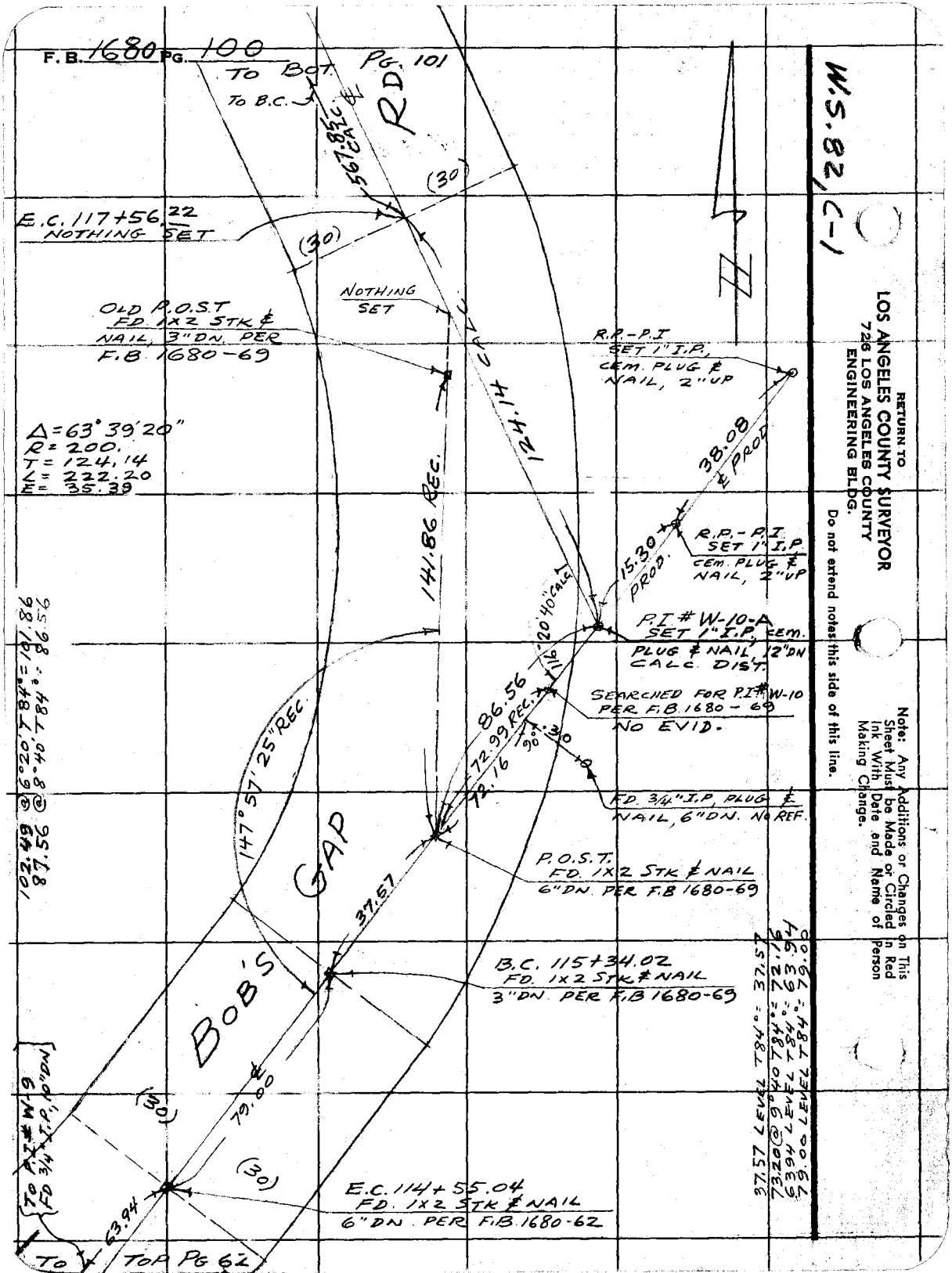
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51


F.B. 1680 PG. 100
TO BOT. PG. 101
TO B.C.
RD
567.85 CALC.
(30)
E.C. 117+56.22
NOTHING SET
(30)
NOTHING SET
OLD P.O.S.T
FD. 1X2 STK & NAIL, 3"DN. PER F.B. 1680-69
R.P.-P.I
SET 1" I.P., CEM. PLUG & NAIL, 2" UP
124.14 CALC.
Δ=63°39'20"
R=200.
T=124.14
L=222.20
E=35.39
38.08 ℄ PROD.
141.86 REC.
15.30 PROD.
R.P.-P.I.
SET 1" I.P.
CEM. PLUG & NAIL, 2" UP
P.I. # W-10-A
SET 1" I.P., CEM. PLUG & NAIL, 12"DN
CALC. DIST.
116°20'40" CALC.
SEARCHED FOR P.I. # W-10 PER F.B. 1680-69
NO EVID.
86.56
72.99 REC.
72.16
90°
.30
FD. 3/4" I.P. PLUG & NAIL, 6"DN. NO REF.
147°57'25" REC.
GAP
P.O.S.T.
FD. 1X2 STK & NAIL
6"DN. PER F.B. 1680-69
37.57
B.C. 115+34.02
FD. 1X2 STK & NAIL
3"DN. PER F.B. 1680-69
BOB'S
(30)
79.00 ℄
(30)
E.C. 114+55.04
FD. 1X2 STK & NAIL
6"DN. PER F.B. 1680-62
63.94
TO P.I. # W-9
FD 3/4" I.P., 10"DN
TO TOP PG 62
102.49 @ 6°20' T84° = 101.86
87.56 @ 8°40' T84° = 86.56
37.57 LEVEL T84° = 37.57
73.20 @ 9°40 T84° = 72.16
63.94 LEVEL T84° = 63.94
79.00 LEVEL T84° = 79.00
W.S. 82, C-1
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726 LOS ANGELES COUNTY
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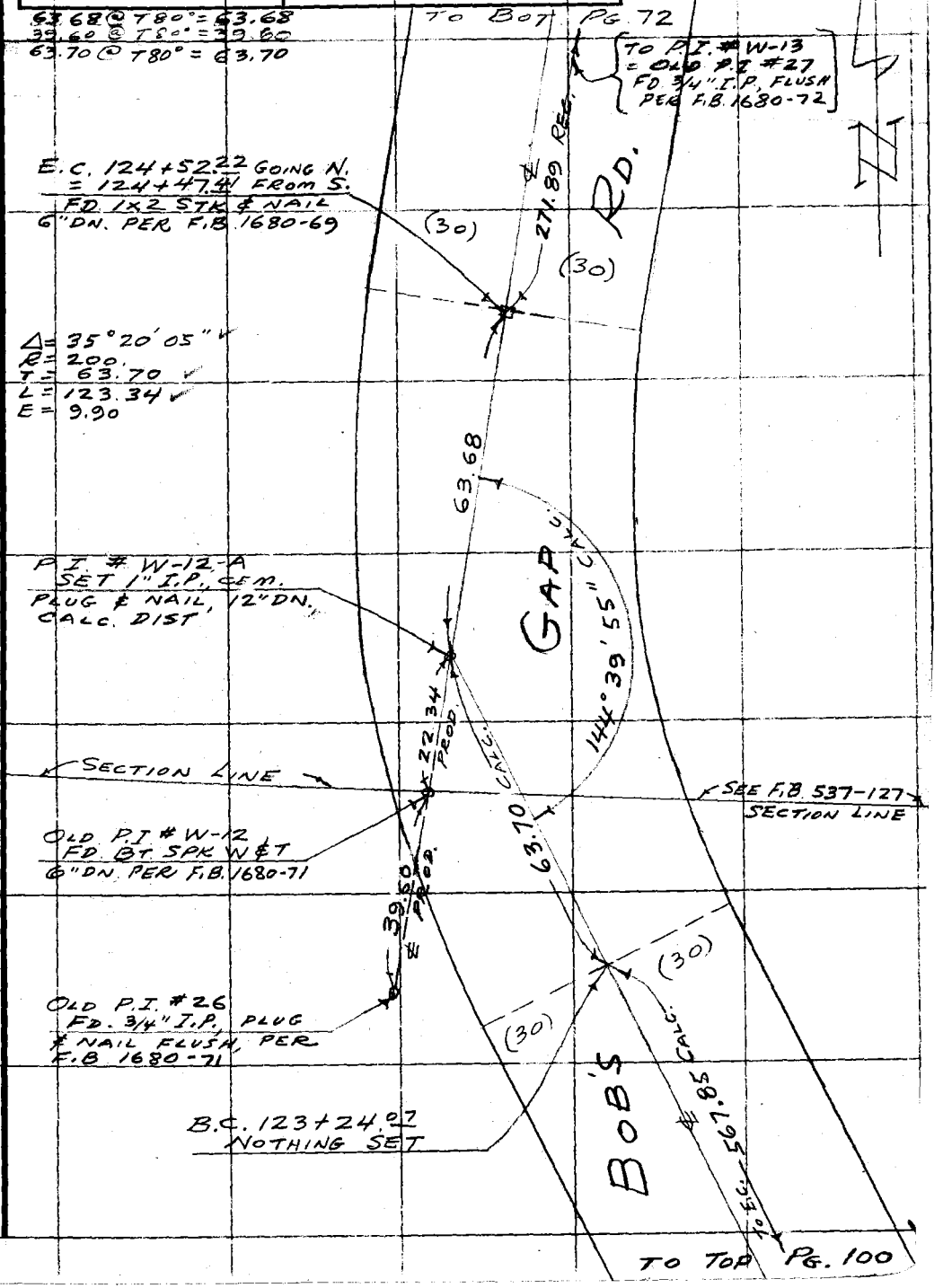
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

F. B. 1680 PG. 101

Notes Ck'd by	Survey of BOBS GAP RD
Map No. B-2390-162	W. O. 900.80 Tape No. 26 St'd. 84 °F
Office Work	Surveyed by MACK
Checked	Notes M. Date 4-19-54
Date	Indexed A. C. Johnson



W.S. 82, C-1

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 4-53

F. B. 1680 PG. 102

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

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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 Bobs Gap Rd
Map No.	W.O. 0900080 Tape No. 107 St'd. 84 °F
Office Work	Surveyed by MACK
Checked	Notes m Date 8-9-54
Date	Indexed L. C. Johnson 8-13-54

F.B. 1680 PG. 103

J.N. 0900.80

BOB'S GAP RD.

INT. OF

BOBS GAP RD & AVE. X-8

AT 165th ST. E.

PARTY:
MACK
HALISCKY
RITTER
TALBOT
ALBRIGHT
BEERS

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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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 1680 PG. 104

W.S. 67, A-6

175th ST. E.

1/4 COR. BET SECS. 33, 34
T5N, R9W
FD C.S. MON. 2" I.P
IN CONC. 12" DN. PER
C.S. 8734 WITH BRASS
CAP MARKED.; SET
1X1 STK. ON
SURFACE WITH
BT. SPK & TIN TIES
3.00 N & 3.00 E

COUNTY SURVEYORS
T5N 33+34 R9W
1/4 SEC. COR.
MONUMENT

X-8

① 90-16-00
④ 361-04-30
90-16-07½
⑥ 181-36-30
90-16-05

P.O.T.
FD 1X2 STK
& NAIL FLUSH

AVE.

0.3 MI. ±

90° 16' 05" MEAS.

138° 03' 30" REC.
PER F.B. 537-244

BOBS GAP RD.

165th ST. E.

Cor. SECS. 28, 29, 32, 33
T5N, R9W
FD. 2X2 STK. FLUSH
WITH BT. SPK & TIN TIES
3.00 S & 3.00 W PER F.B. 537-244

P.I. # W-24
1/4 COR. BET. SECS. 32, 33
T5N, R9W
FD 2X2 STK. 1" DN.
& BT. SPK & TIN TIES
3.00 S. & 3.00 E, PER
F.B. 537-244

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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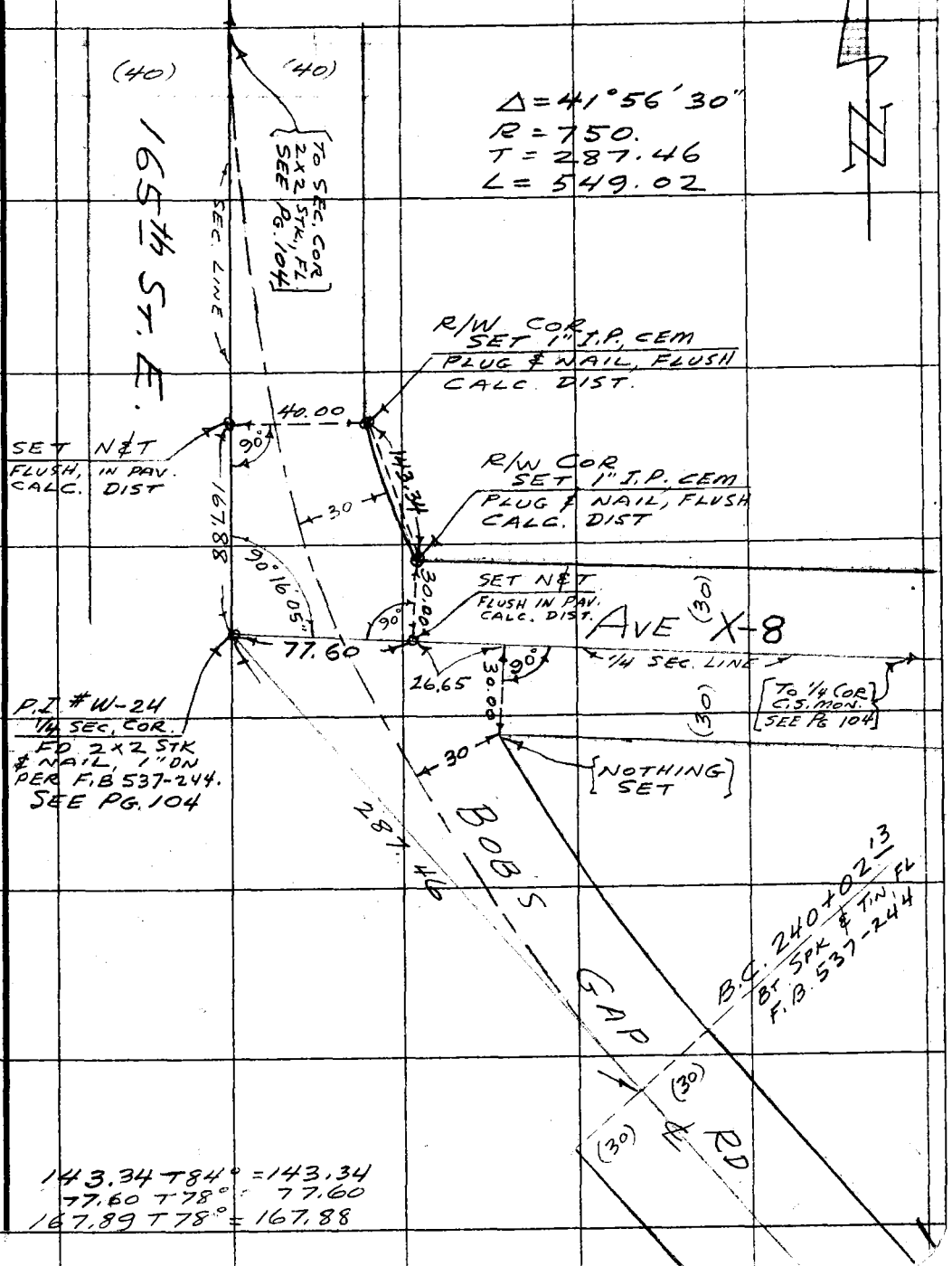
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of BOBS GAP RD
Map No.	W. O. 00080 Tape No. 107 St'd. 84 °F
Office Work	Surveyed by MACK
Checked	Notes m Date 8-20-54
Date	Indexed A. C. Johnson

F. B. 1680 PG. 105



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

W.S. 67, A-6

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 4-53

F. B. 1680 PG. 106

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 162 Std 8 4 °F
Office Work J. CROWDER	Surveyed by W. J. Voge
Checked G. KURACHI	Notes 169e Date 3-9-71
Date 8-4-72	Indexed G. J. GALLI MAY 5 '71

F. B. 1680 PG. 1-7 ✓

STAR PEAK RD

J.N. 0098.23

REFERENCES USED: FB 1680 CSB 2390-1 PARTY: Voge
FB 1262 CSB 1572-1 Hobbard
CSB 2617 Hill
CSB 1924-3 Sidwell

RS 59-6

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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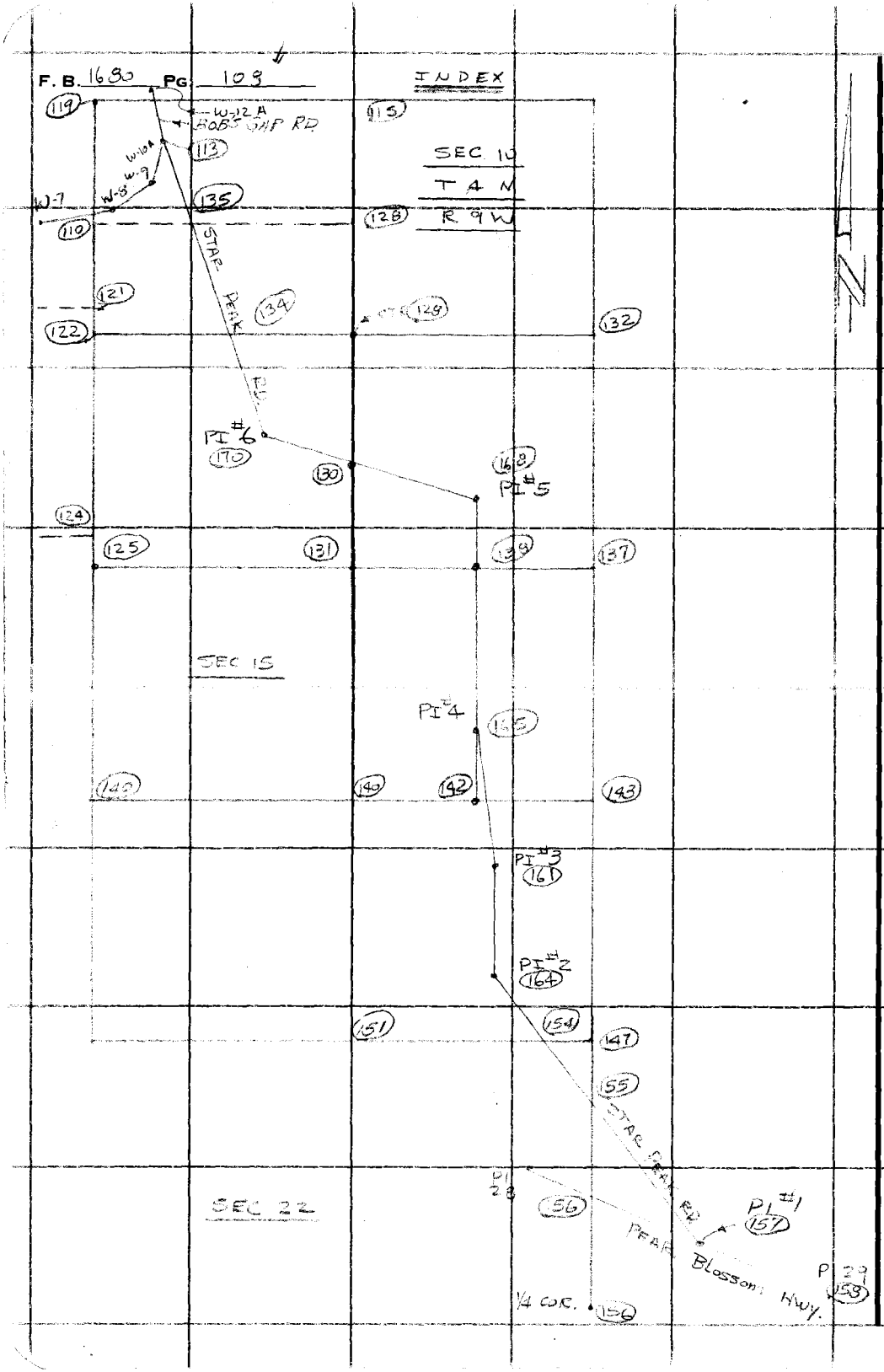
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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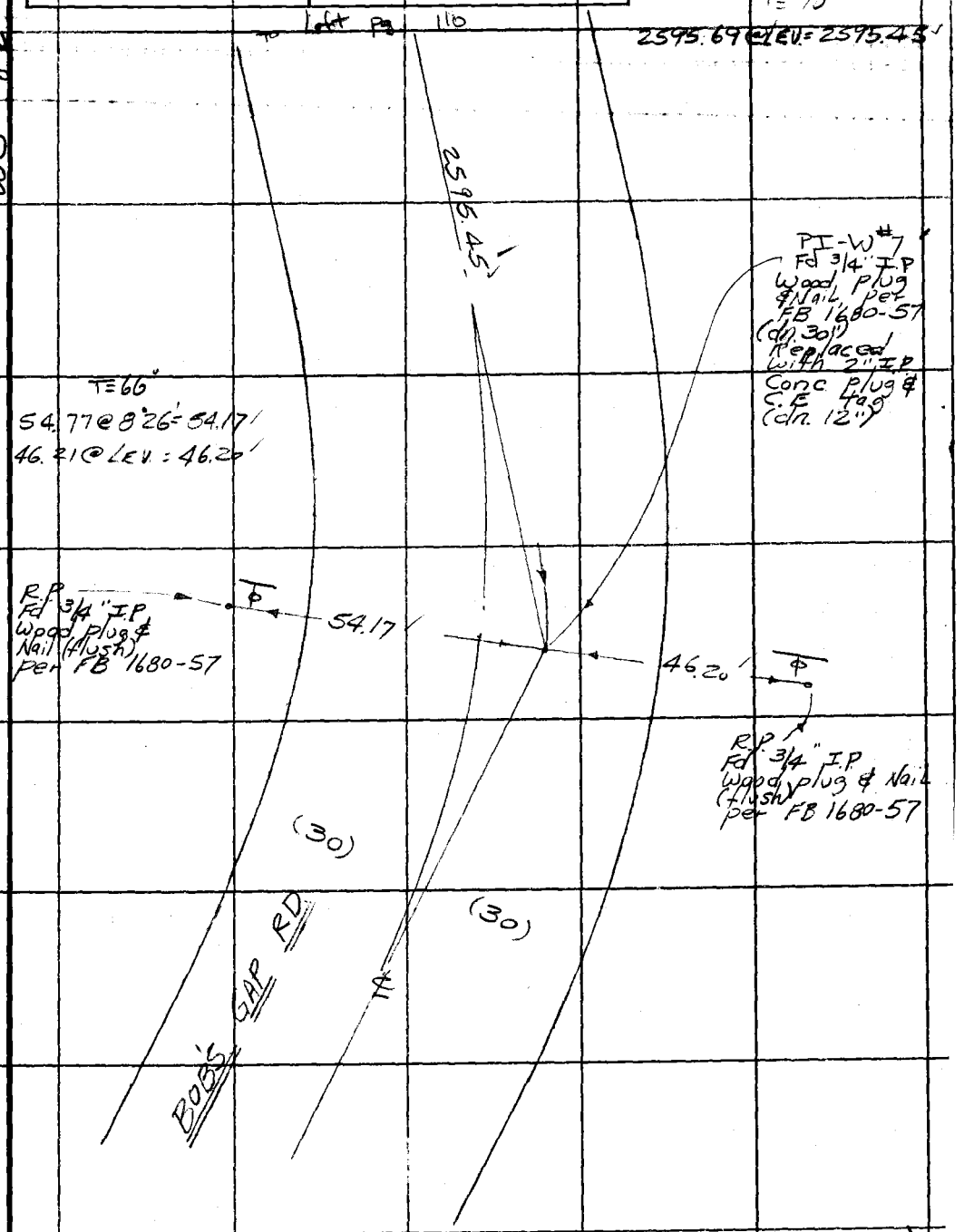
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. GS.B 5167	JN 0098.23 Tape 144 Std 84 °F
Office Work J. CROWLER	Surveyed by W J Voge
Checked G. KURACHAR	Notes Voge Date 2-1-71
Date 8-4-72	Indexed G. J. GALLI MAY 6 '71

F. B. 1680 PG. 109

WS 82-C1



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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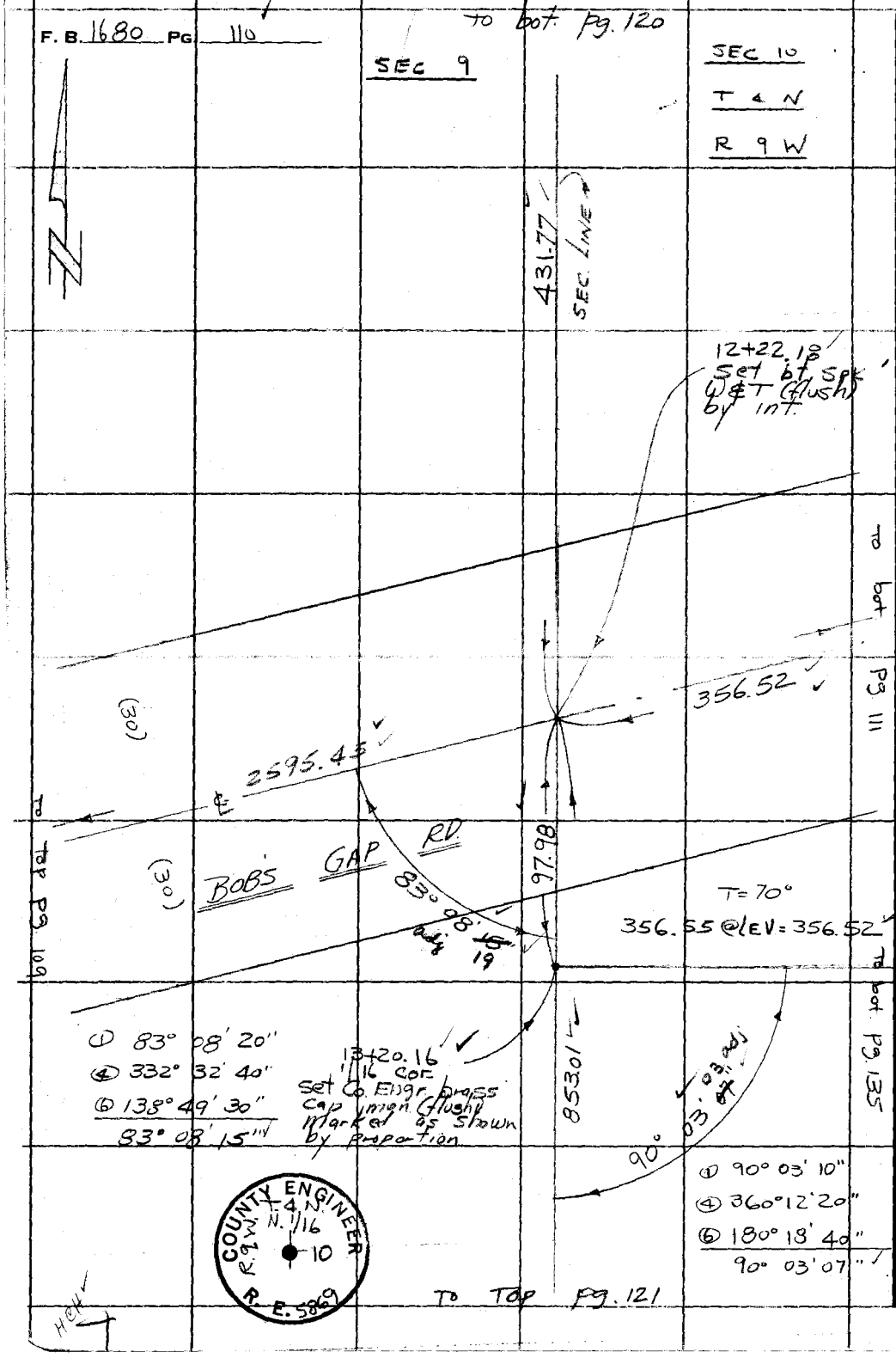
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

HCH

F. B. 1680 PG. 110



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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.

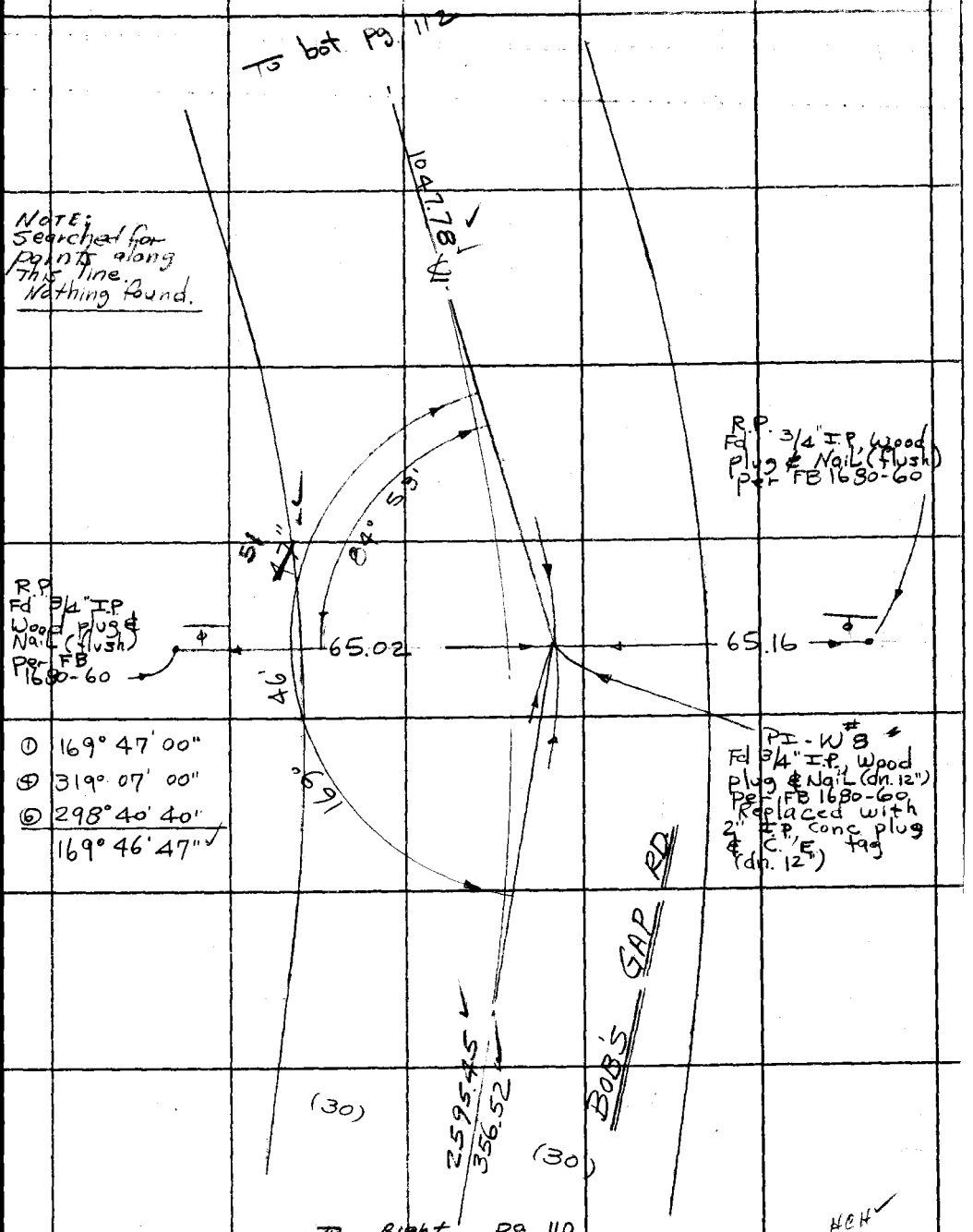
WS F2 C-1

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 009823 Tape 144 Std 84 °F
Office Work J. CROWDER	Surveyed by WJ Voge
Checked G. KURACHI	Notes Voge Date 1-28-71
Date 8-4-72	Indexed J. GALLI 6 71

F. B. 1680 PG. 111

C-1

WS 82



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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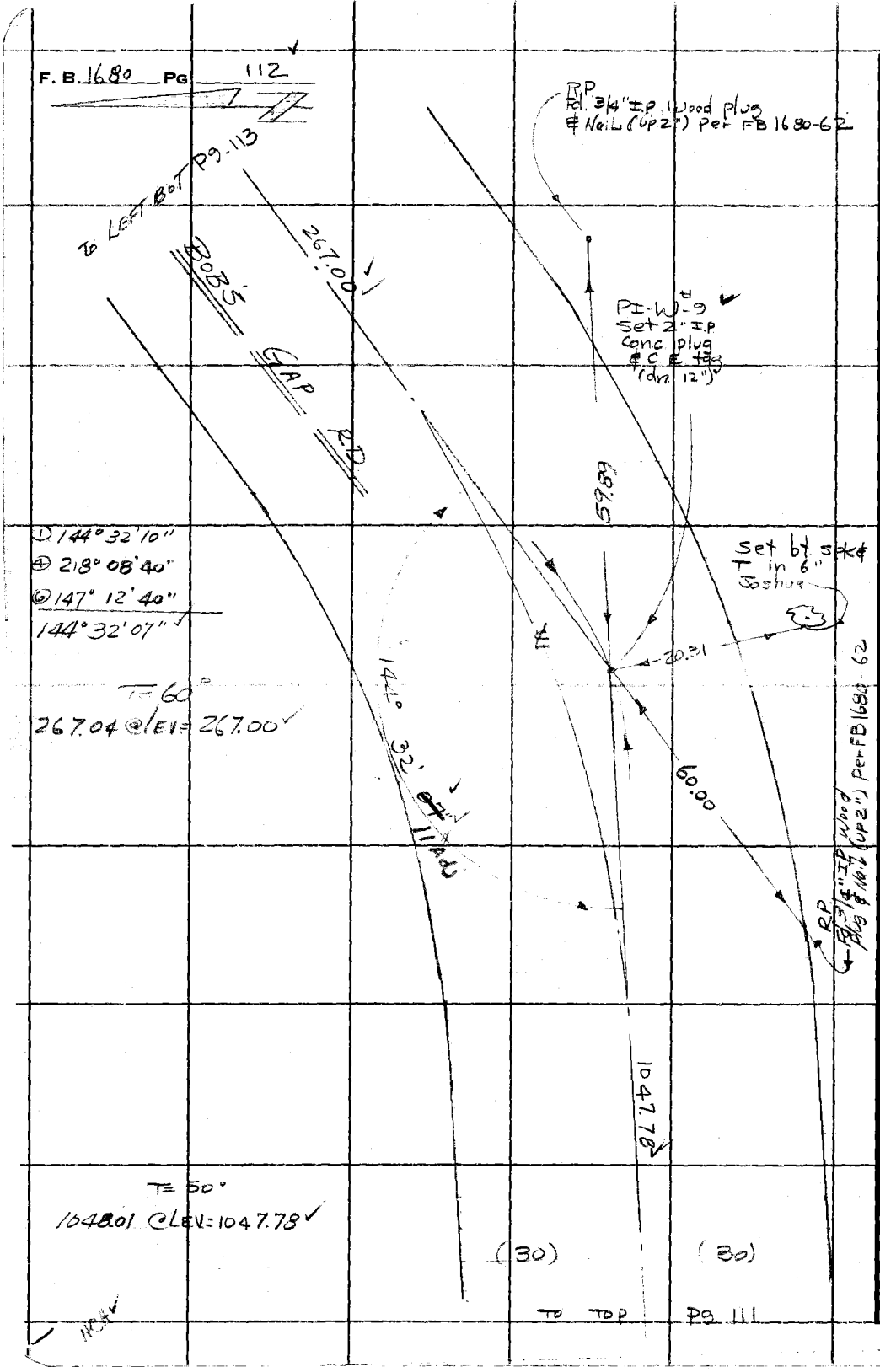
76F309S CE#310 3-68

1

F. B. 1680 PG 112



① 144° 32' 10"
④ 218° 08' 40"
⑥ 147° 12' 40"
144° 32' 07"

T = 60°
267.04 @ LEV = 267.00

T = 50°
1048.01 @ LEV = 1047.78

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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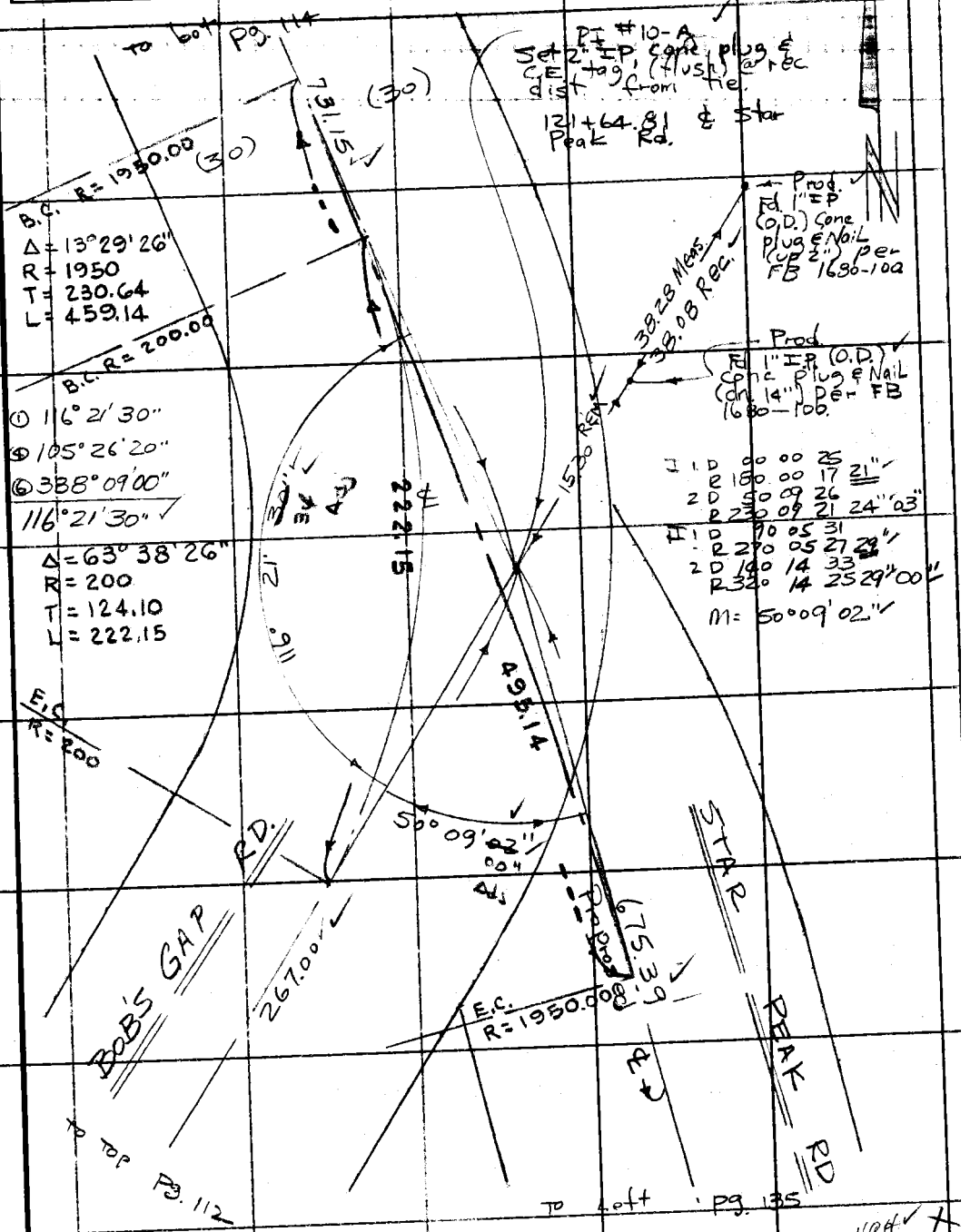
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

WS 82 C-1

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 144 Std 84 °F
Office Work J. CROWDER	Surveyed by WJ Voge
Checked G. KURACHI	Notes Voge Date 1-27-71
Date 8-4-72	Indexed O. J. GAELI MAY 6 71

F. B. 1680 PG. 113



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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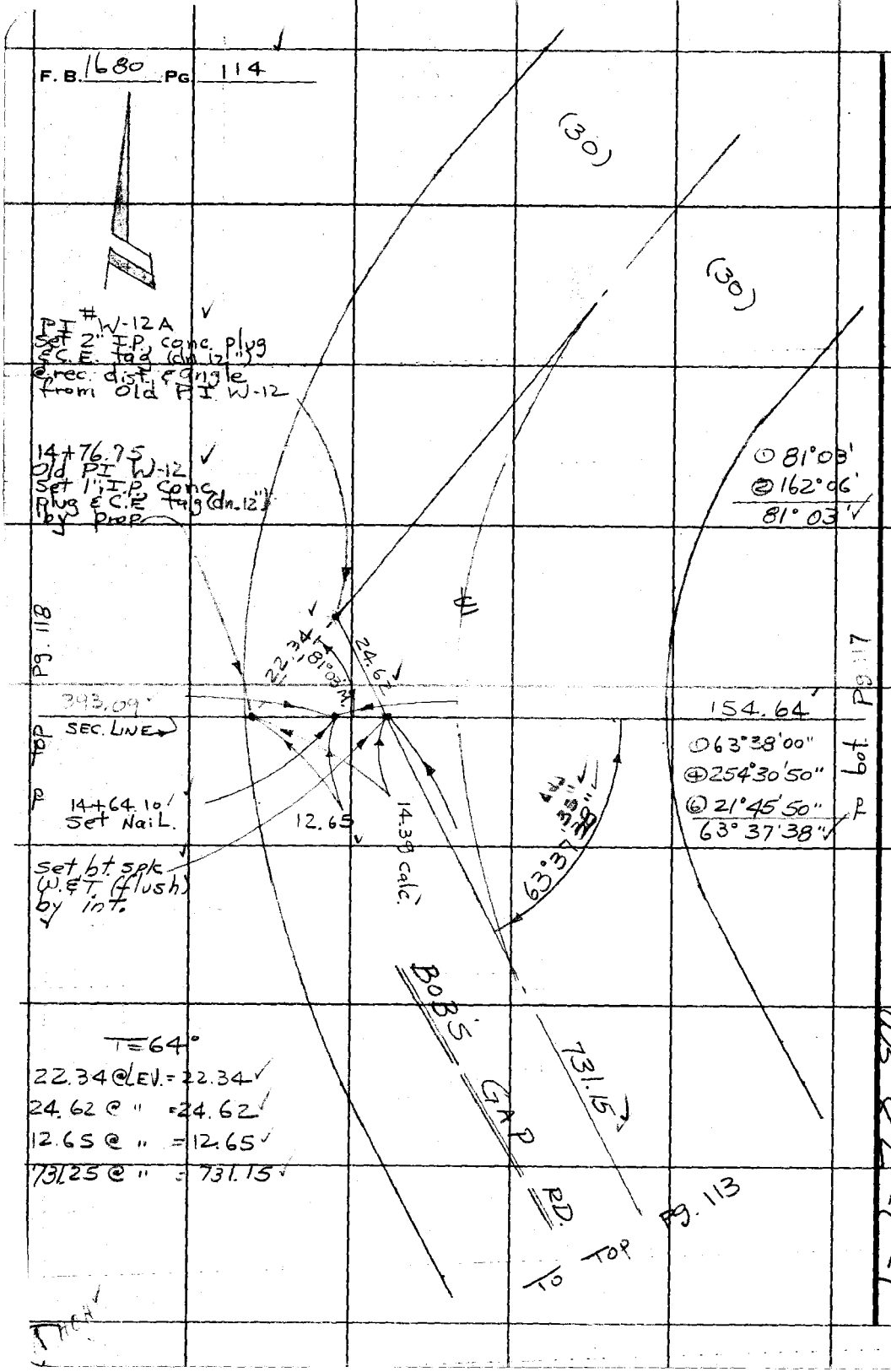
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

F. B. 1680 PG. 114



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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.

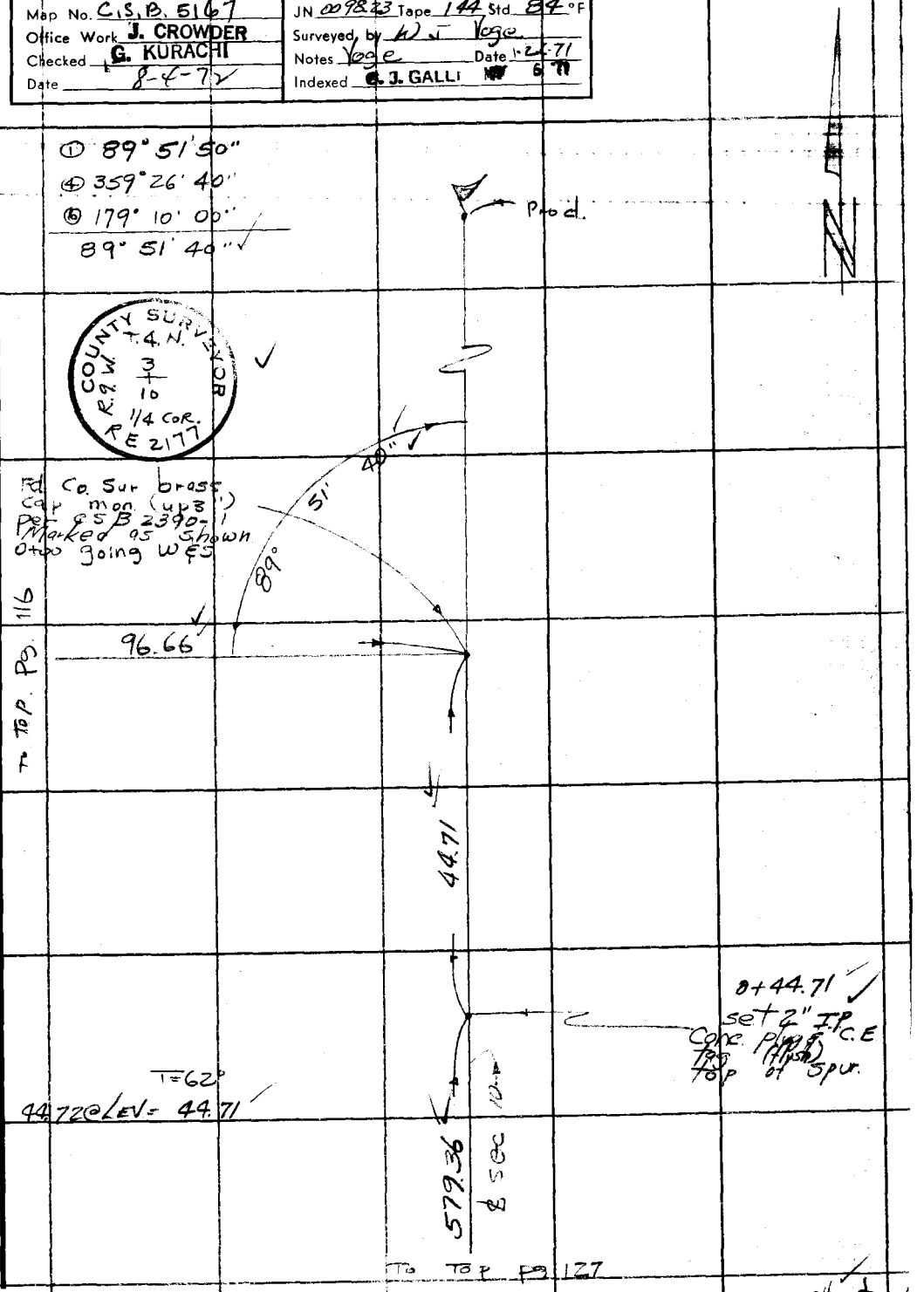
US 82-C-1

Notes Ck'd by SHORT	Survey of Star Peak Ry
Map No. C.S.B. 5167	JN 009823 Tape 144 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 1-26-71
Date 8-4-72	Indexed G. J. GALLI 6 '71

F. B. 1680 PG. 115

WS 82 D-1

① 89° 51' 50"
④ 359° 26' 40"
⑥ 179° 10' 00"
89° 51' 40"



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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76F309S CE#310 3-68

TO Left pg. 115

F. B. 1680 PG 116

T=62°
96.67 @ LEV. = 96.66

96.66

SEC 3

0+96.66
set 1" I.P.
conc. plug
& C.E. tag
(flush)
top of spur

T=62°
~~268.38 @ 6°18' = 266.76~~
268.49 @ 6°25' = 266.80
268.43 @ 6°18' = 266.81
266.76

266.76
128.19
394.95

394.95

SEC. 10

T 4 N

R 9 W

LINE

T=62°
128.21 @ LEV. = 128.19

SEC

4+91.61
1x2
& Nail (flush)
(break)

T=62°
208.10 @ 7°04' = 206.52
208.22 @ 7°21' = 206.51
206.49

206.49
21.28
227.77

T=62°
21.28 @ LEV. = 21.28

227.77

7+19.38
Set
1x2 & Nail (flush)
(side hill)

T=62°
84.62 @ 9°14' = 83.52
84.76 @ 9°48' = 83.52
83.51

83.51
297.34
112.65
493.50

T=62°
300.27 @ 7°59' = 297.36
300.13 @ 7°45' = 297.39
297.34

493.50

T=62°
113.91 @ 8°26 = 112.68
113.96 @ 8°39' = 112.66
112.65

TO TOP PG. 117

HCH

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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.

US82 C-1

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 144 Std 84 °F
Office Work J. CROWDER G. KURACHI	Surveyed by W. J. Voge
Checked	Notes Voge Date 1-26-71
Date 8-4-72	Indexed G. J. GAULT MAY 6 '71

F. B. 1680 PG. 117

To bot Pg 116

WS 82 C-1, D-1

SEC 3

SEC 10

T 4 N

R 9 W

423.50

12+12.88

set 1x2 ¢ Nail (break)

T=62°

102.37 @ 19°21' = 96.59
102.21 @ 19°05' = 96.59 } 96.59

96.58

SEC. LINE

13+09.46

set 1x2 ¢ Nail

T=62°

23.47 @ 35°09' = 19.19

19.19

0.12

T = 62°

183.83 @ 32°43' = 154.67
183.97 @ 32°47' = 154.67 } 154.64

154.64

13+28.65

Fd. 2x2 ¢ Nail Tagged L.S. 3199 Bot

To Right Pg. 114

HCH

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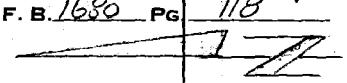
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

To Left Pg. 114

F. B. 1680 PG. 118



T= 70°

154.34 @ 37°20' = 122.72
154.11 @ 37°13' = 122.73 } 122.71

T= 70°

89.65 @ 30°28' = 77.27
89.94 @ 30°46' = 77.28 } 77.27

T= 70°

~~163.55 @ 18°42' = 154.92~~
163.34 @ 18°33' = 154.85
163.43 @ 18°37' = 154.88 } 154.85

T= 66°

39.59 @ 14°53' = 38.26
39.48 @ 14°13' = 38.27 } 38.26

T= 66°

39.13 @ 12°08' = 38.26
39.30 @ 13°19' = 38.24 } 38.25

T= 68°

300.12 @ 7°38' = 297.46
300.06 @ 7°29' = 297.50
300.30 @ 7°51' = 297.49 } 297.45

SEC 3

T= 66°

464.83 @ LEV. = 464.78

393.09

SEC LINE

335.70

464.78

122.71
77.27
154.85
38.26
393.09

18+57.19
Set 1" I.P.
Conc. plug &
C.E. tag
(top of spur)

38.25
297.45
335.70

SEC 10
T 4 N
R 9 W

21+92.89
Set 1" I.P.
Conc. plug &
C.E. tag
(top of spur)

US 82 C-1

To Right Pg. 119

HCH

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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 SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 144 Std 84°F
Office Work J. CROWDER	Surveyed by W J Vogt
Checked G. KURACHI	Notes Vogt Date 1-29-71
Date 8-4-72	Indexed E. J. GALLI MAY 6 '71

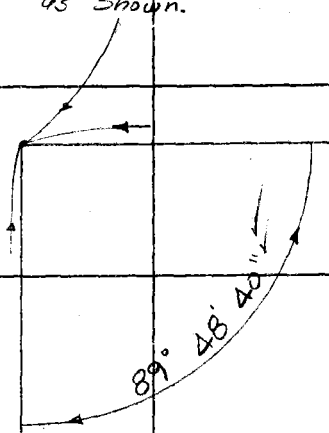
F. B. 1680 PG. 117

COUNTY SURVEYOR
T. 4. N.
R. 9. W.
9 | 3 / 10
C. C.
RE 2177

WS 82 C-1

26+57.67 From East Fd Co Sur brass cap mon. (flush) per C.S.B 2390-1, marked as shown.

0+00 to South.



464.78
SEC. LINE

① 89° 48' 40"
④ 359° 14' 20"
⑥ 178° 52' 00"
89° 48' 40"

430.32
SEC. 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.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

To Top Pg. 120

HCH

76F3095 CE#310 3-68

F. B. 1680 PG 120 TO bot Pg. 119

SEC 9

TE 42°

246.23 @ 4°25' = 245.50
246.16 @ 4°17' = 245.47 } 245.41

TE 42°

185.51 @ 4°25' = 184.96
185.56 @ 4°37' = 184.96 } 184.91

TE 52°

300.55 @ 6°50' = 298.42
300.61 @ 6°58' = 298.39 } 298.34

TE 52°

61.76 @ LEV = 61.75

TE 52°

19.42 @ LEV. = 19.42

TE 52°

299.17 @ 22°17' = 276.83
299.53 @ 22°26' = 276.86 } 276.78

TE 50°

137.04 @ 8°16' = 135.62
137.10 @ 8°30' = 135.59 } 135.57

430.32

360.09

431.77

SEC 10

T 4 N

R 9 W

245.41
184.91
430.32

4+30.32
Set 1" I.P.
Conc. Plug & C.E.
Tag. (Flush)

298.34
61.75
360.09

7+90.41
Set 1" I.P.
Conc Plug & C.E.
Tag (Flush)

19.42
276.78
135.57
431.77

TO TOP pg. 110

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

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LUS 62 C-1

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 009823 Tape 144 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 2-1-71
Date 8-4-72	Indexed G. J. GALLI MAY 6 71

F. B. 1680 PG. 121

WS 82 C-1

To bot. pg. 110

T= 70°

300.36 @ 3°10' = 299.90
300.34 @ 3°03' = 299.91 } 299.87

T= 70°

553.19 @ LEV = 553.14

299.87
553.14
853.01

853.01

20+75.19
Fd. Co. Sur. brass cap mon. (flush) per CSB 1572-1

COUNTY SURVEYOR
T.4N.
R.9W.
9
1/4 COR.
RE 2177

① 179° 48' 30"
④ 359° 14' 00"
⑥ 358° 51' 10"
179° 48' 32"

179° 48' 32"

SEC LINE 565.13

T= 70°

565.18 @ LEV = 565.13

To Top pg. 122

HCH

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76F309S CE#310 3-68

To bot. Pg. 121

F. B. 1680 Pg. 122

① 89° 31' 40"
④ 358° 06' 10"
⑥ 177° 09' 20"
89° 31' 33"

565.13

89° 31' 33"

1/4 COR.
26+40.32 N=0+00 E
Fd 2" I.P. Conc.
plug & tag (R.E. 4750)
per R.S. 59-6
Pipe checks Proportion.
Replaced with Co. Engr.
brass cap mon. (up 4")
marked as shown.

1636.12

℄ SEC 10

7.81

8.95

Set N&T in 12" Juniper

Set N&T in 6" Juniper

COUNTY ENGINEER
T. 4. N.
R. 9. W.
10
1/4 COR.
R. E. 5869

408.10

SEC LINE

T= 48°

96.10 @ 4°20' = 95.83
96.07 @ 4°03' = 95.83 } 95.81

95.81
298.63
13.66
408.10

T=50°

299.41 @ 3°59' = 298.69
299.38 @ 3°51' = 298.70 } 298.63

T= 50°

13.66 @ LEV. = 13.66

30+48.42
Set 1" I.P.
Conc plug & C.E
tag (flush)

197.30

To top Pg. 123

To bot. Pg. 133

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WS 82 C-1

HEH

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 144 Std 84°F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 2-2-71
Date 8-4-71	Indexed J. GALLI 6 71

F. B. 168 PG. 123

SEC 10

T 4 N

R 9 W

C-1

WS 82

To bot pg. 122

T=50°

197.58 @ 2°49' = 197.34
197.60 @ 3°00' = 197.33 } 197.30

SEC 9

197.30

32+45.72
Set 1x2 ℄ Nail (flush)

T=52°

714.88 @ LEV = 714.73

714.73

SEC. LINE

154.58
118.21
244.55
206.17
723.51

39+60.45
Set 2" I.P. Conc. plug
℄ tag (R.E. 47.50)
per R.S. 59-6.

T=52°

154.85 @ 3°10' = 154.61
154.90 @ 3°30' = 154.61 } 154.58

T=52°

118.50 @ 3°50' = 118.23
118.44 @ 3°26' = 118.23 } 118.21

723.51

T=52°

247.70 @ 9°04' = 244.60
247.82 @ 9°15' = 244.60 } 244.55

T=52°

206.87 @ 4°35' = 206.21
206.91 @ 4°42' = 206.21 } 206.17

To Top pg. 124

HCH-1

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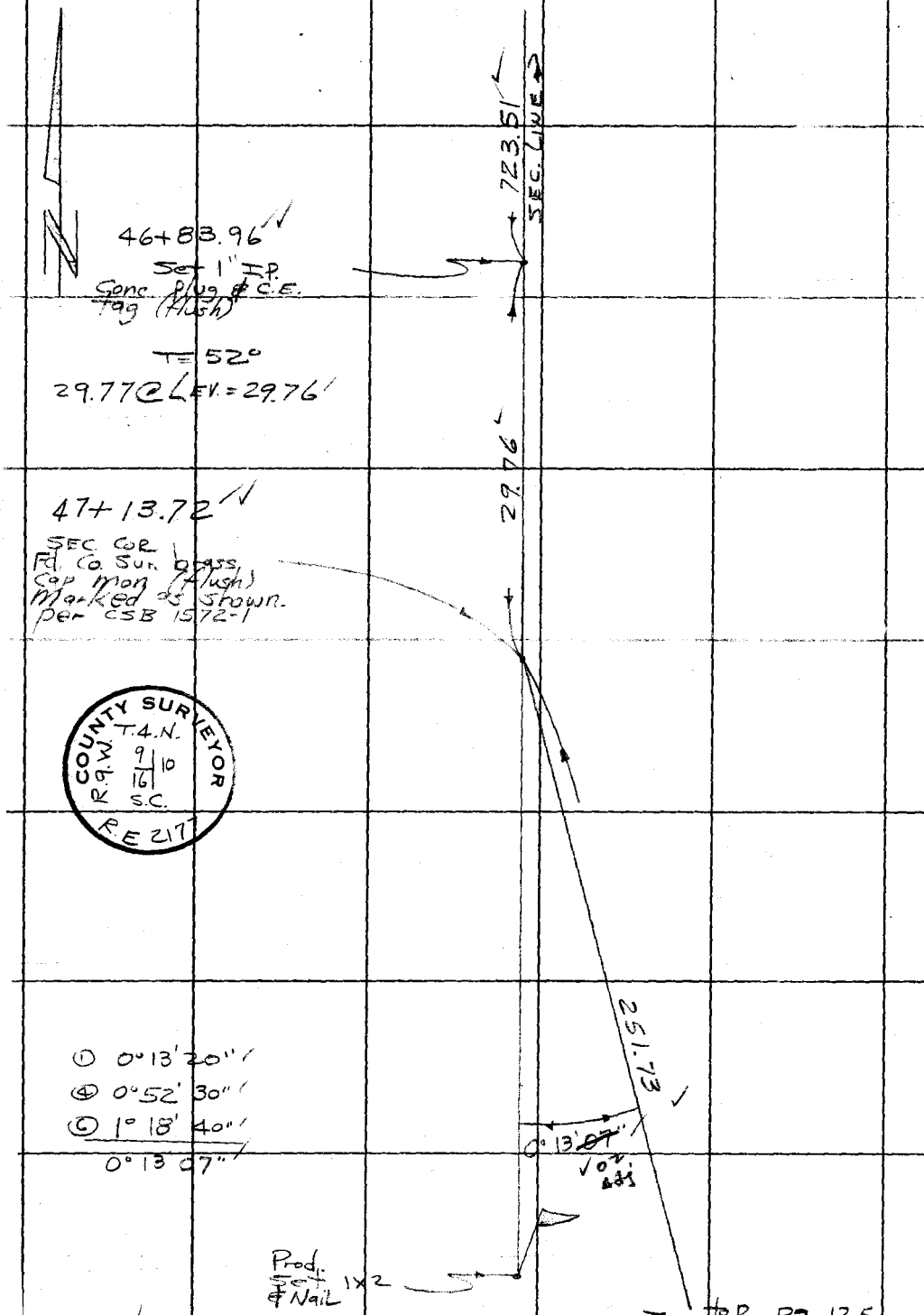
6F3095 CE#310 3-68

F. B. 1680 PG 124

To bot pg. 123



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WS 82-C-2

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 144 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Vogt
Checked G. KURACHI	Notes Vogt Date 2-3-71
Date 8-4-72	Indexed G. J. GALLI 6

F. B. 1680 PG. 125

WS 82 - C-2

To bot pg 124

T = 56°

252.75 @ 5°01' = 251.78
252.85 @ 5°15' = 251.79 } 251.73

251.73

49+65.45
Set 1" I.P.
Conc plug & CE
Tag (flush)
Top of spur

T = 56°

300.64 @ 15°20' = 289.94
300.50 @ 15°13' = 289.96 } 289.90

289.90
25.29
315.19

T = 56°

25.29 @ LEV = 25.29

SEC. LINE

315.19

52+80.64 from N = 53+01.97 from East.
Closing Cor.
Fd. Co. Sur. brass
Cap. mon (up 4") per
FB 1262-137
Marked as shown

90° 12' 04" 07 adj

240.12

SEC. LINE

To bot pg 126

COUNTY SURVEYOR
T.4.N.
R.9.W.
16 | 10/15
C.C.
R.E. 329

I 1. 0° 00' 32"
180° 00' 32" 32"

2. 90° 12' 35"
270° 12' 35" 35"

II 1. 90° 05' 24"
270° 05' 21" 22"

2. 180° 17' 25"
360° 17' 26" 26"

I = 90° 12' 03"
II = 90° 12' 04"
M = 90° 12' 04"

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76F309S CE#310 3-68

To Left Pg. 131

F. B. 1680 PG. 126

T=62°

287.99 @ LEV. = 287.95

T=62°

259.72 @ 279°43'(9°43') = 255.99 } 255.94

259.58 @ 279°33'(9°33') = 255.93

T=62°

257.60 @ 277°41'(7°41') = 255.29 } 255.24

257.52 @ 277°34'(7°34') = 255.28

T=62°

210.17 @ 83°30' (6°30') = 208.82 } 208.79

210.34 @ 276°52' (6°52') = 208.83

T=62°

197.27 @ 95°34'(5°34') = 196.34 } 196.31

197.33 @ 264°14'(5°46') = 196.33

T=62°

101.71 @ 98°18'(8°18') = 100.64 } 100.63

101.74 @ 261°32'(8°28') = 100.63

T=62°

~~285.03 @ 81°27'(8°33') = 281.61~~

285.11 @ 278°59'(8°59') = 281.61 } 281.57

T=62°

299.51 @ 88°52'(1°08') = 299.45 } 299.42

299.53 @ 271°10'(1°10') = 299.47

T=62°

300.29 @ 88°06'(1°54') = 300.12 } 300.06

300.22 @ 271°47'(1°47') = 300.08

T=62°

33.78 @ LEV. = 33.78

T=62°

204.37 @ 81°05'(8°55') = 201.90 } 201.87

204.29 @ 278°48'(8°48') = 201.89

T=62°

268.83 @ 63°18'(26°42') = 240.16 } 240.12

268.32 @ 296°29'(26°29') = 240.16

SEC. 10

543.89

287.95
255.94
543.89

31+84.18
Set 1" I.P.
Conc. plug & C.E. tag (top of spur.)

255.24
208.79
196.31
660.34

660.34

38+44.52
Set 1" I.P.
Conc. plug & C.E. tag (top of spur.)

100.63
281.57
299.42
300.06
201.87
33.78
1217.33

1217.33

SEC LINE

SEC 15
T 4 N
R 9 W

50+61.85
Set 1" I.P.
Conc. plug & C.E. tag (top of spur.)

240.12

To Right Pg. 125

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US 82 C-2

H&H

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 144 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 2/26/71
Date 8-4-72	Indexed G. J. GALLI NOV 6 '71

F. B. 1680 PG. 127

WS 82 C-1

To bot Pg 115

SEC 10

T 4 N

R 9 W

579.36

T=62°

215.74 @ 10°52' = 211.87
215.56 @ 10°38' = 211.86 } 211.83

T=62°

367.58 @ LEV. = 367.53

211.83
367.53
579.36

6+24.07

Set 1" I.P., conc plug & C.E. tag (flush) top of spur.

33.14
152.90
73.91
283.79
150.26
694.00

694.00

℄ SEC 10

T=60°

33.15 @ LEV = 33.14

T=60°

157.33 @ 13°36' = 152.92
157.51 @ 13°52' = 152.92 } 152.90

T=60°

77.54 @ 17°35' = 73.92
77.69 @ 17°57' = 73.91 } 73.91

T=60°

300.27 @ 19°03' = 283.82
300.06 @ 18°55' = 283.85 } 283.79

T=60°

150.28 @ LEV. = 150.26

To top Pg 128

HCH

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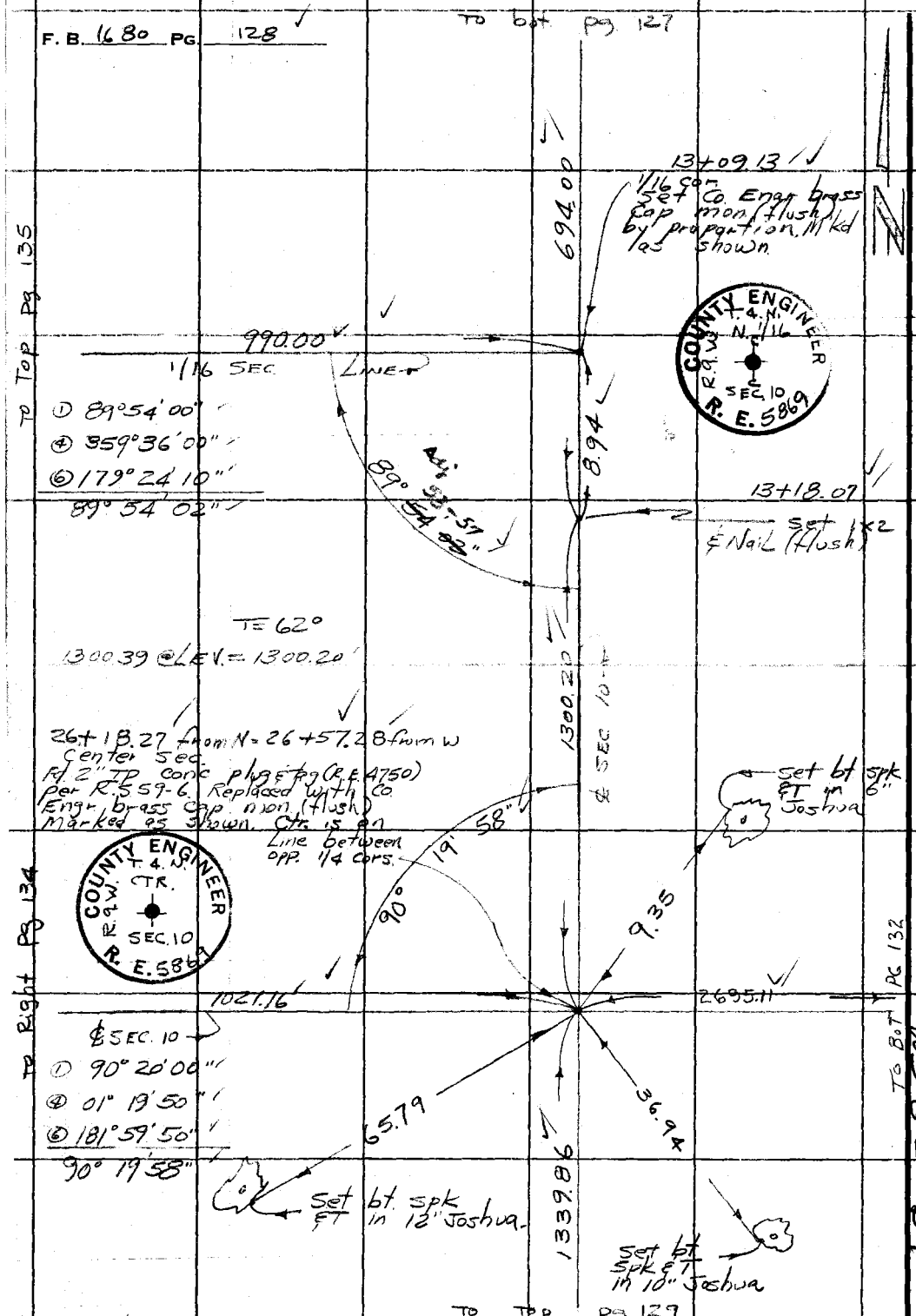
76F309S CE#310 3-68

F. B. 1680 PG. 128



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HCO

Notes Ck'd by HCH	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 009823 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W. J. Voge
Checked G. KURACHI	Notes Voge Date 3-1-71
Date 8-4-72	Indexed G. J. GALLI MAY 6 '71

F. B. 1680 PG. 129

To bot. pg 128

SEC 10

T. 4 N

R 9 W

T=36°

192.74 @ 3°22' = 191.81
192.13 @ 3°27' = 191.78 } 191.74

T=36°

218.29 @ 2°10' = 218.13
218.24 @ 2°00' = 218.11 } 218.05

T=36°

229.43 @ 3°32' = 228.99
229.47 @ 3°40' = 229.00 } 228.93

T=36°

299.37 @ 2°47' = 299.02
299.34 @ 2°42' = 299.01 } 298.93

T=36°

154.97 @ 3°42' = 154.65
154.94 @ 3°37' = 154.63 } 154.59

T=36°

238.83 @ 3°08' = 238.47
238.90 @ 3°20' = 238.50 } 238.41

T=36°

9.21 @ LEV = 9.21

1339.86

℄ SEC 10

191.74
218.05
228.93
298.93
154.59
238.41
9.21
1339.86

To Top Pg 130

HCH

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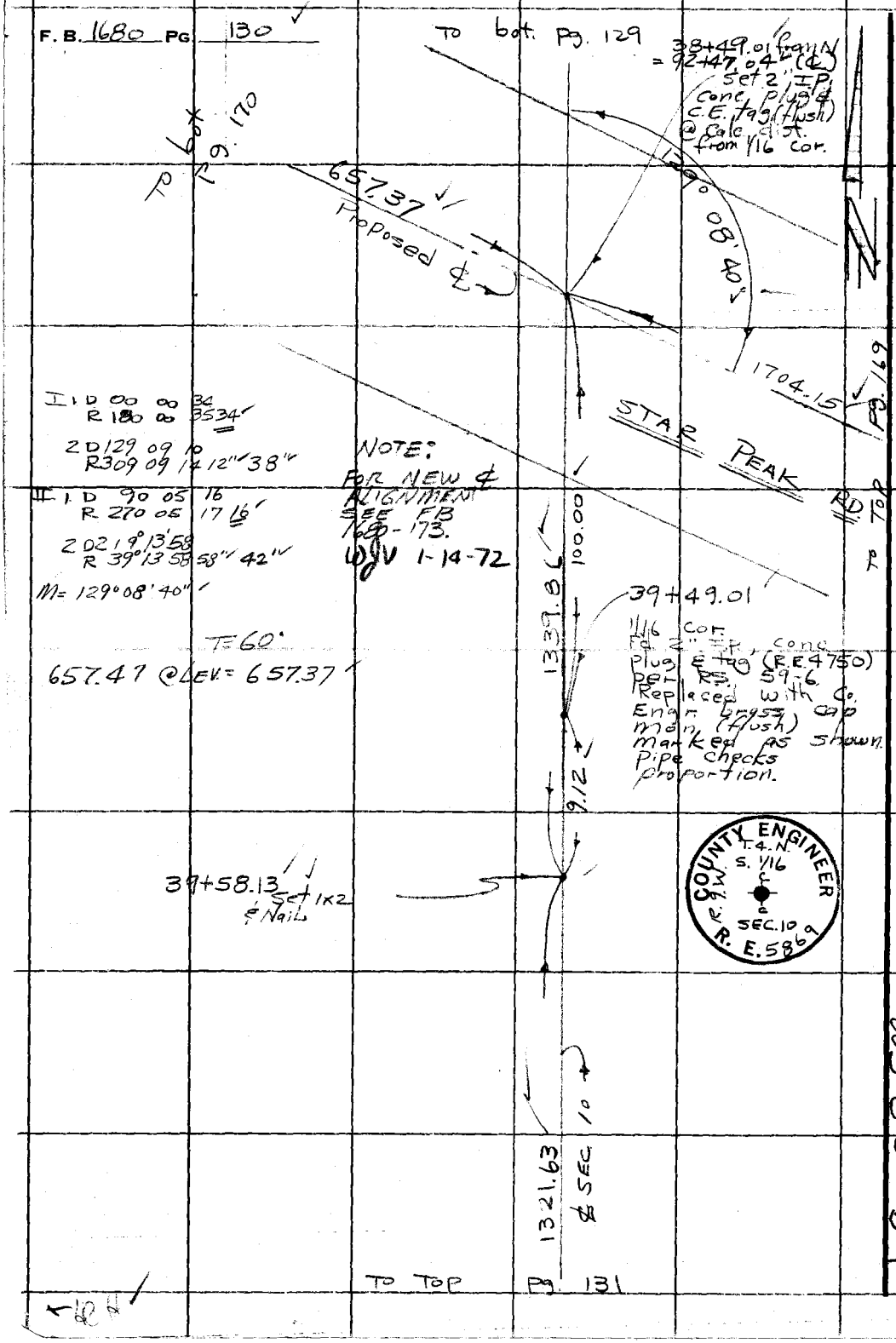
76F3095 CE#310 3-68

F. B. 1680 PG. 130



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WS 82-D-1

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 009823 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 3-1-71
Date 8-4-72	Indexed C. J. GALLI MAY 6 71

F. B. 1680 PG. 131

WS 82 D-2

To bot. Pg. 130

T=36°

195.92 @ 3°32' = 195.55
195.92 @ 3°28' = 195.56 } 195.50

195.50
1126.13
1321.63

T=36°

1126.48 @ LEV. = 1126.13

52+79.76 From N. 26+40.29
From East
1/4 SEC. COR
Fd. Co. Sur. brass cap mon.
(flush) per FB 1262-131
M'kd. as shown.

1321.63 ℄ SEC. 10

① 90° 13' 25"
④ 00 54 40
⑥ 181 22 20
90 13 43

COUNTY SURVEYOR
R.9.W.T.4.N.
10
15
1/4 COR.
RE 329

26" Adj
89° 52' 24"
90° 13' 38" Adj
43"
16.50
543.89
1320.15
SEC. LINE
Set bt. spk ET in 6" Joshua
To top Pg. 126
89° 44' 04" Adj
90° 09' 48" Adj
52"
35.02
17.07
Set bt. spk ET in 6" Joshua
Set bt. spk ET in 6" Joshua
To bot. Pg. 138

① 89° 52' 15"
④ 359 29 40
⑥ 179 14 25
89 52 24

① 90° 09' 45"
④ 00 39 25
⑥ 180 58 50
90 09 48

1771.73 ℄ SEC. 15

① 89° 44' 00"
④ 358 56 15
⑥ 178 24 40
89 44 07

To top Pg. 139

HCH

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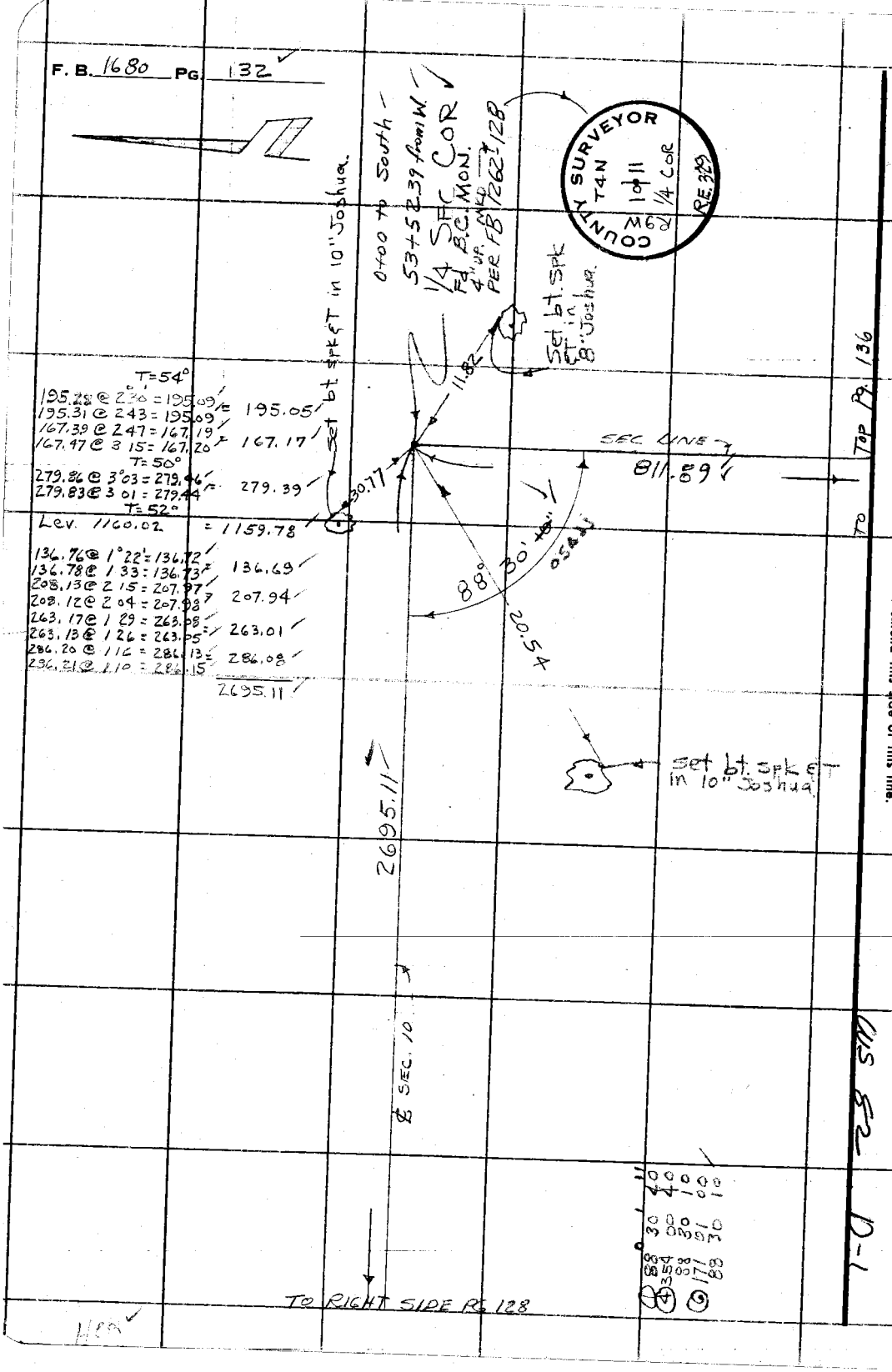
76F309S CE#310 3-68

F. B. 1680 PG. 132



T=54°
195.28 @ 2°30' = 195.09
195.31 @ 2 43 = 195.09 = 195.05
167.39 @ 2 47 = 167.19
167.47 @ 3 15 = 167.20 = 167.17
T=50°
279.86 @ 3°03 = 279.46
279.83 @ 3 01 = 279.44 = 279.39
T=52°
Lev. 1160.02 = 1159.78

136.76 @ 1°22' = 136.72
136.78 @ 1 33 = 136.73 = 136.69
208.13 @ 2 15 = 207.97
208.12 @ 2 04 = 207.98 = 207.94
263.17 @ 1 29 = 263.08
263.13 @ 1 26 = 263.05 = 263.01
286.20 @ 1 16 = 286.13
286.21 @ 1 10 = 286.15 = 286.08
2695.11

1	88 30	40
4	354 00	40
	00 30	10
6	171 01	00
	88 30	10

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US 82 D-1

Notes Ck'd by SHORT
Map No. C.S.B. 5167
Office Work J. CROWDER
Checked G. KURACHI
Date 8-4-72

Survey of Star Peak Rd
JN 0098.23 Tape 162 Std 84 °F
Surveyed by W J Voge
Notes Voge Date 3-2-71
Indexed G. J. GALLI MAY 6 '71

F.B. 1680 Pg 133

To bot. pg 134

WS 62 - C-1

T= 42°
488.60 @ LEV = 488.47

488.47
174.11
260.21
98.37
1021.16

T= 42°
174.28 @ 2°08' = 174.16
174.26 @ 1°50' = 174.17 } 174.11

SEC 10
T 4 N
R 9 W

T= 42°
261.98 @ 6°32' = 260.28
261.95 @ 6°28' = 260.28 } 260.21

1021.16
327.76

T= 42°
98.40 @ LEV = 98.37

16+36.12
Set 2" IP
Conc. plug &
C.E. tag
(up 2") top
of spur

T= 42°
272.54 @ LEV = 272.47

T= 42°
259.40 @ 5°26' = 258.24
259.45 @ 5°33' = 258.23 } 258.17

272.47
258.17
1105.48
1636.12

1636.12
℄ SEC. 10

T= 42°
1105.78 @ LEV = 1105.48

To Right pg 122

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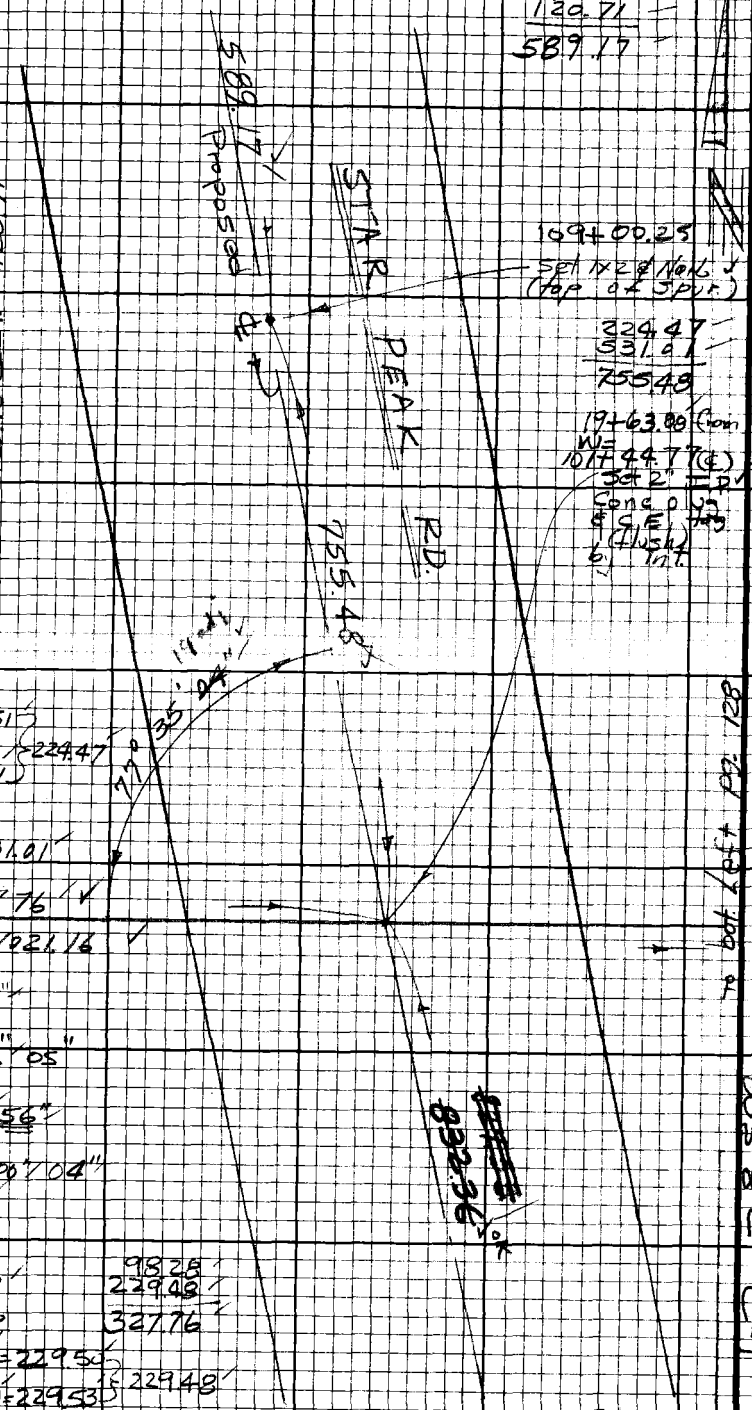
76F3098 CE#310 9-67

F.B. 1680 Pg 134

To Right pg 135

170.44
298.02
120.71
589.17



171.03 @ 85°23'(4°37') = 170.47 } 170.44
170.95 @ 274°17'(4°17') = 170.47 } 170.44
T = 56°
300.10 @ 96°41'(6°41') = 298.06 } 298.02
300.11 @ 263°20'(6°40') = 298.08 } 298.02
T = 56°
120.73 @ LEV. = 120.71

109+00.25
Set 1x2 & Nail
(top of Spur)

224.47
531.01
755.48

19+63.00 from
W = 101+44.77 (℄)
Set 2" IP
Conc. o/g
& C.E. tag
(flush)
by int.

T = 56°
224.89 @ 86°39' 3°21' = 224.51 } 224.47
224.86 @ 273°12' 3°12' = 224.51 } 224.47
T = 56°
531.11 @ LEV. = 531.01

327.76
℄ SEC 10 → 1021.16

II D 00 00 34
R 180 00 28 31"
D 77 35 36
R 257 35 35 36" 05"

II D 90 05 59
R 270 05 53 56"
D 167 41 01
R 347 41 00 00" 04"
M = 77° 35' 04"

T = 60°
98.30 @ LEV. = 98.28
T = 60°
231.46 @ 97°28'(7°28') = 229.50 } 229.48
231.41 @ 262°41'(7°19') = 229.53 } 229.48

98.28
229.48
327.76

To Top pg 133

To Top pg 170

To bot. Left pg 128

US 82 C-1

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Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S. B.5167	JN 0098.23 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W.J. Voge
Checked G. KURACHI	Notes Voge Date 3-8-71
Date 8-4-72	Indexed C. J. GALLI MAY 6 71

F. B. 1680 PG. 135

WS 82 C-1

To top Left Pg. 128

T = 60°

300.56 @ 2°30' = 300.27
300.55 @ 2°34' = 300.25 } 300.21

300.21
689.79
990.00

990.00

T = 60°

689.90 @ LEV. = 689.79

I 1 D 00 00 33
R 180 00 28 30

2 D 102 39 07
R 282 39 05 06 36"

II 1 D 90 05 27
R 270 05 27 27

2 D 192 44 02
R 12 44 05 04 37"

M = 102° 38' 36"

114 + 89.42 (℄)

Set 1" I.P. Conc Plug & CE tag (flush) @ Calc dist from 1/16 Cor.

102° 38' 36"

589.17

Proposed ℄

675.39

STAR PEAK RD

To top Pg. 134

To bot Right Pg. 113

375.64
299.75
675.39

T = 60°

375.70 @ LEV. = 375.64

T = 60°

300.29 @ 86°44' = 299.80
3°16'
300.31 @ 273°18' = 299.81
3°18'
} 299.75

1/16 SEC. LINE

SEC	10
T 4	N
R 9	W

To bot Right pg. 110

NCH

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76F309S CE#310 3-68

F. B. 1680 PG. 136 ✓

To Right Pg. 132

T=60°

41.71 @ LEV.= 41.70

T=60°

300.32 @ 3°32' = 299.75
300.36 @ 3°40' = 299.74 } 299.69

T=60°

247.58 @ 2°36' = 247.32
247.58 @ 2°28' = 247.35 } 247.30

T=60°

226.22 @ 9°19' = 223.24
226.11 @ 9°08' = 223.24 } 223.20

T=60°

269.72 @ 4°09' = 269.01
269.69 @ 4°00' = 269.03 } 268.98

T=60°

263.09 @ LEV. = 263.05

SEC. 10

T=60°

17.92 @ LEV. = 17.92

T=60°

300.59 @ 2°55' = 300.20
300.61 @ 2°59' = 300.20 } 300.15

T=60°

235.65 @ 3°18' = 235.26
235.66 @ 3°25' = 235.24 } 235.21

T=60°

790.53 @ LEV. = 790.41

41.70
299.69
247.30
223.20
811.89

SEC 11
T 4 N
R 9 W

811.89'

SEC LINE

8+11.89
Set 2" I.P. Conc. plug & C.F. (flush) Top of Spur.

532.03'

268.98
263.05
532.03

0.03

13+43.92
Fd 1½" I.P. Conc plug & tag (L.S. 2991) No ref.

17.92
300.15
235.21
790.41
1343.69

1343.69

To Top pg. 137

HCN

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US 52 D-1

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 3-10-71
Date 8-4-72	Indexed J. GALLI 6 71

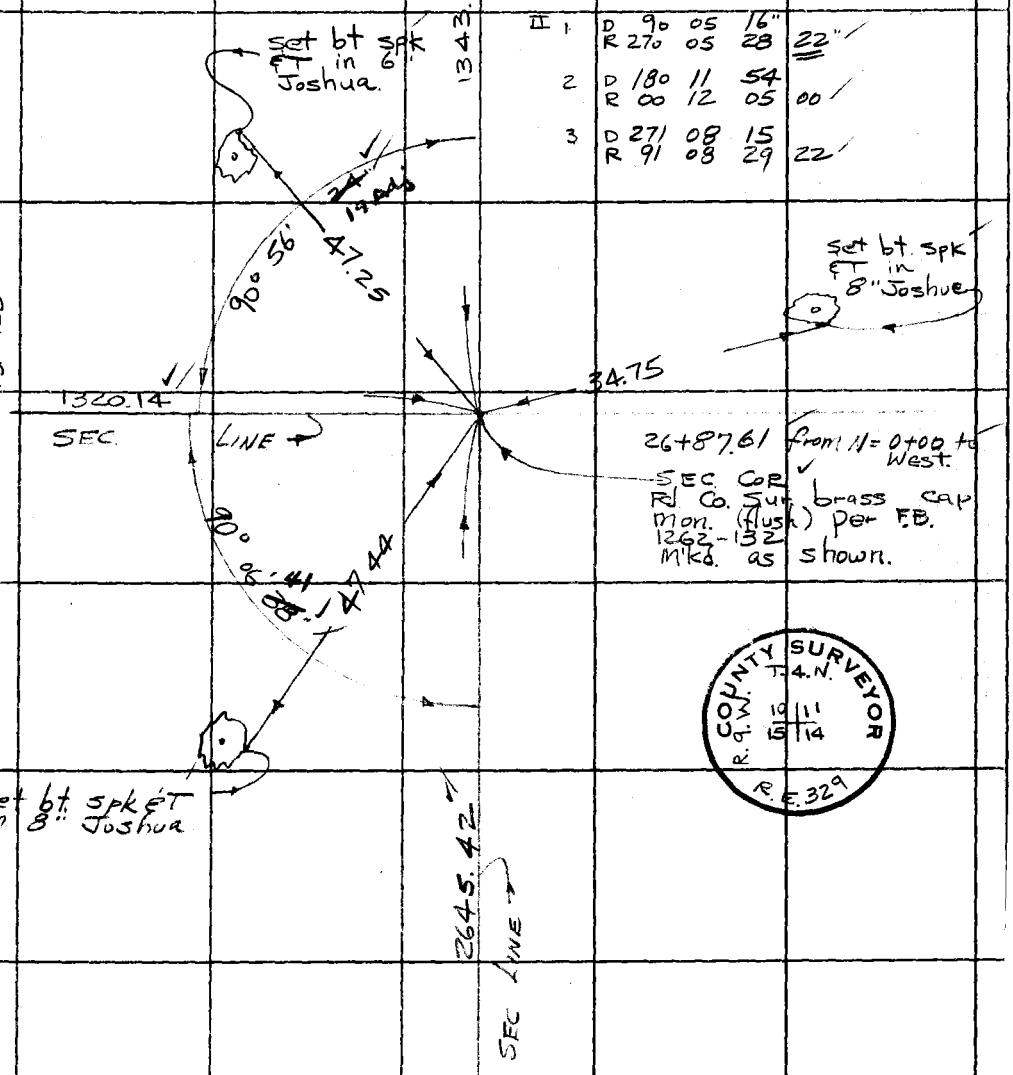
F. B. 1680 PG. 137

CUS 82 D-2

To bot. Pg. 136

I = 90° 06' 39" — 181° 03' 03"
II - 90° 06' 38" — 181° 03' 00"
M 90° 06' 38" 181 03' 02"
90 06 38
90° 56' 24"

I 1.	D	00	00	35	
SO.	R	180	01	10	52
2	D	90	07	20	
West	R	270	07	42	31"
3	D	181	03	51	
NO.	R	01	03	59	55"
II 1.	D	90	05	16"	
	R	270	05	28	22"
2	D	180	11	54	
	R	00	12	05	00
3	D	271	08	15	
	R	91	08	29	22



To top Pg 138

To top of Pg. 144

COUNTY SURVEYOR
T. 4. N.
R. 9. W.
10 | 11
15 | 14
R. E. 329

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76F309S CE#310 3-68

F. B. 1680 PG 138

To Left Pg. 137

T= 56°

1320.38 @ LEV = 1320.14

13+20.14 from East = 11+82.89 (℄)

E 1/16 COR.

Fd. 1½" I.P. Conc. plug & Tag (L.S. 2991) No ref. pipe checks proportion. Replaced with Co. Engr. brass cap mon (flush) M Kd. as shown.

T=68°

98.21 @ 265° 31' (4°29') = 97.91
98.17 @ 94° 14' (4°14') = 97.90 } 97.89

T=68°

261.53 @ 93° 51' (3°51') = 260.94
261.52 @ 266° 14' (3°46') = 260.96 } 260.92

1.19 @ LEV = 1.19

97.89
260.92
1.19
360.00

1320.14

COUNTY ENGINEER
T.4.N.
R.9.W.
R.E. 1/16 5869

360.00

1837.83

1/16 SEC LINE

(P.O.C. NOTHING Set)

89° 58' 28" 24 Adj

Proposed ℄

To bot. Pg 168

To Top Pg. 167

I 1. D 00° 00' 24
R 180° 00' 23 24"

2. D 89° 58' 48
R 269° 58' 50 49" 25"

II 1. D 90° 05' 26"
R 270° 05' 25 26"

2. D 180° 03' 56"
R 00° 04' 01" 58" 32"

M = 89° 58' 28"

283.22
20.00
273.98
147.98
272.06
196.65
249.54
299.25
95.15
1837.83

1320.15 SEC. LINE

T=56°

1320.39 @ LEV = 1320.15

To Right Pg. 131

WS 82 D-2

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Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 3-19-71
Date 8-4-72	Indexed G. J. GALL 6

F. B. 1680 PG. 139

D-2

WS 82

To bot pg 131

SEC 15
T 4 N
R 9 W

T=68°

214.14 @ 93°41' (3°41') = 213.70
214.15 @ 266°09' (3°51') = 213.67 } 213.66

T=68°

226.34 @ 84°36' (5°24') = 225.34
226.32 @ 275°16' (5°16') = 225.36 } 225.33

T=68°

117.64 @ LEV = 117.63

T=68°

218.87 @ 94°46' (4°46') = 218.11
218.94 @ 275°00' (5°00') = 218.11 } 218.09

T=68°

168.40 @ 87°17' (2°43') = 168.21
168.38 @ 272°36' (2°36') = 168.21 } 168.19

T=68°

179.42 @ 94°01' (4°01') = 178.98
179.36 @ 266°17' (3°43') = 178.98 } 178.96

T=68°

300.19 @ 81°07' (8°53') = 296.59
300.25 @ 278°56' (8°56') = 296.61 } 296.57

T=68°

241.86 @ 104°04' (14°04') = 234.61
241.89 @ 255°54' (14°06') = 234.60 } 234.57

T=68°

121.02 @ 78°52' (11°08') = 118.74
121.09 @ 281°18' (11°18') = 118.74 } 118.73

T=68°

194.51 @ LEV = 194.49

T=68°

205.15 @ 94°48' (4°48') = 204.43
205.20 @ 265°01' (4°59') = 204.42 } 204.40

T=68°

258.53 @ 97°46' (7°46') = 256.16
258.50 @ 262°16' (7°44') = 256.15 } 256.13

1771.73

℄ SEC 15

877.69

213.66
225.33
117.63
218.09
168.19
178.96
296.57
234.57
118.73
1771.73

70+51.49
Set 1" I.P.
Cone plug & C.E.
tag (flush)
top of spur

194.49
204.40
256.13
222.67
877.69

To Top pg 140

ACH

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76F3095 CE#310 3-68

F. B. 1680 PG. 140

TO bot. Pg 139

T=68°

225.62 @ 80°44'(9°16') = 222.68
225.77 @ 279°28'(9°28') = 222.70 } 222.67

I 1. D 00 00 29"
R 180 00 38" 34"

2. D 89 45 25
R 269 45 24 24"

II 1. D 90 05 29"
R 270 05 33" 31"

D 179 50 23
R 359 50 25 24"

I = 89° 44' 50"

II = 89° 44' 53"

M = 89° 44' 52"

877.69

79+29.18 from North = 0+00 to East
CENTER SEC. 15
Set Co. Engr. brass cap mon. (flush) by int., mkd. as shown.

COUNTY ENGINEER
T. 4. N.
CTR.
R. 9. W.
SEC. 15
R. E. 5869

89° 44' 52"
55 Adj.

1319.10

℄ SEC 15

1/4 COR.
Fd. Co. Sur. brass cap mon (flush) per CSB 2617 marked as shown

COUNTY SURVEYOR
T. 4. N.
R. 9. W.
16 15
1/4 COR.
R. E. 2177

46.42

℄ SEC 15

T=54°

48.49 @ 73°13'(16°47') = 46.42
48.30 @ 285°57'(15°57') = 46.44 } 46.42

79+75.60
Set 1" I.P.
Conc Plug & C.E. tag (flush)
Top of Spur

1567.01

TO TOP Pg. 145

TO bot. Pg. 141

WS 82 D-2

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Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B.5167	JN 0098.23 Tape 1624 Std 84 °F
Office Work J. CROWDER	Surveyed by W.J. Voge
Checked G. KURACHI	Notes Voge Date 3-25-71
Date 8-4-72	Indexed G. J. GALLI MAY 6 '71

F. B. 1680 Pg. 141

WS 82 D-2

To 60 pg 142

348.18
7.42

13+19.10
Set 1x2 & Nail

T= 70°
329.47 @ LEV.= 329.44

T= 74°
170.54 @ 267°56' (2°04') = 170.43
170.54 @ 91°56' (1°56') = 170.44 } 170.43

329.44
170.43
170.01
299.38
175.81
174.03
1319.10

T= 74°
170.02 @ LEV.= 170.01

1319.10

T= 74°
300.23 @ 265°44' (4°16') = 299.40
300.29 @ 265°37' (4°23') = 299.41 } 299.38

T= 74°
176.33 @ 85°37' (4°23') = 175.81
176.26 @ 274°03' (4°03') = 175.82 } 175.81

T= 74°
174.35 @ 93°22' (3°22') = 174.05
174.36 @ 266°32' (3°28') = 174.04 } 174.03

℄ SEC 15

SEC	15
T	4 N
R	9 W

To Right pg 140

NEW 1

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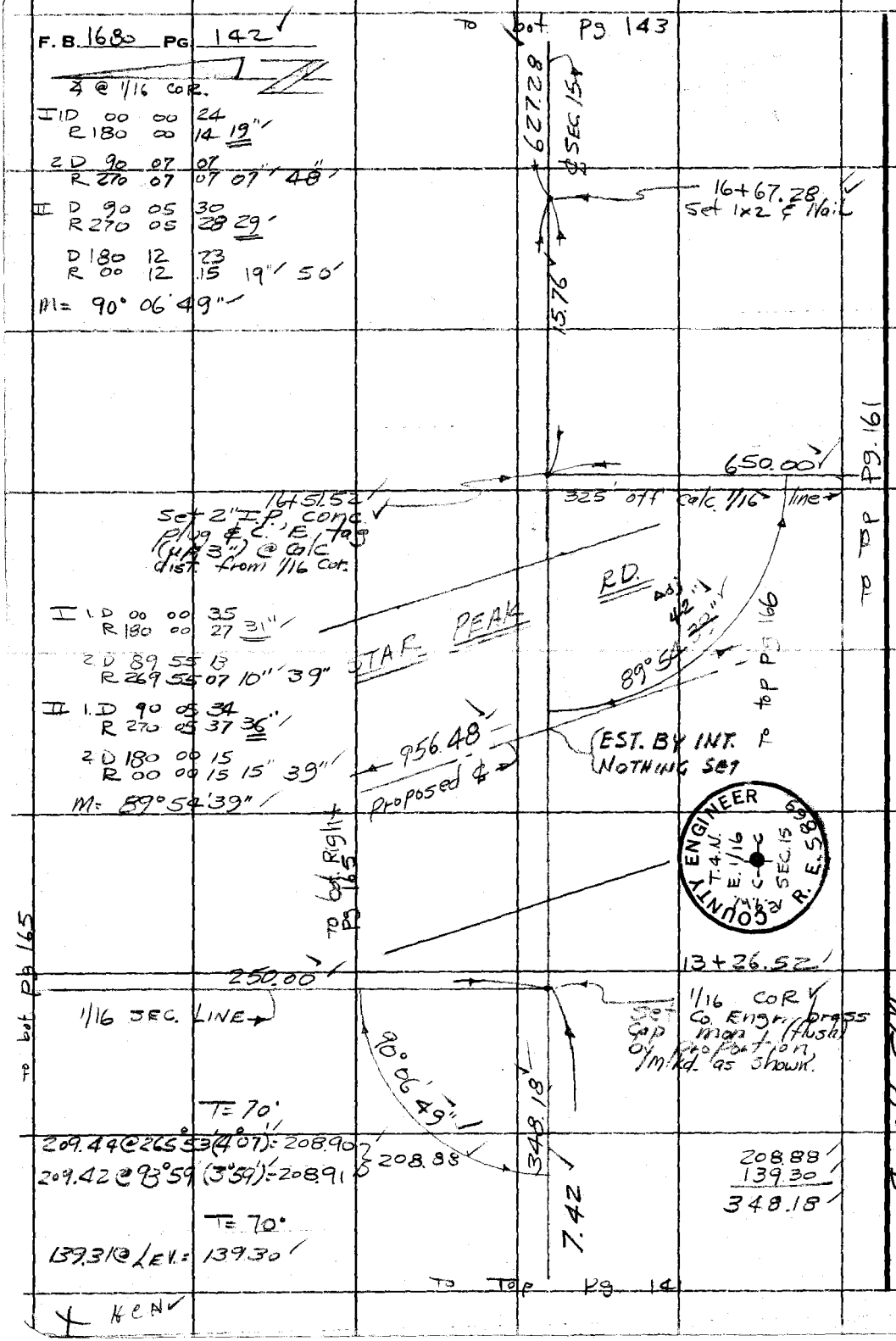
76F309S CE#310 3-68

F. B. 1680 PG. 142



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1115 52 D 2

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 167 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 3-25-71
Date 8-4-71	Indexed C. J. GALLI MW 6 71

F. B. 1680 Pg. 143

WS 52 D-2

Prod.

90°01'32" 28.61'

TOP PG 149

Pg 144

2645.42

Prod. ← 0°02'38" 31.44'

9349

SEC. LINE

53+33.03 from North=
26+53.03 from West
1/4 COR.
Fd Co. Sur. brass cap
Mon. (up 4") per
CSB 1924-3
Marked as shown.

TOP

(N. Prod) 1. D 0 00 25
R 180° 00 24 24"

(N. SEC LINE) 2. D 0 03 04
R 180 03 07 06"/42"

(E. Prod) 3 D 90 04 34
R 270 04 39 36"/12"

II 1. D 90 05 38
R 270 05 36 37"

2. D 90 08 14
R 270 08 11 12"35"

3. D 180 09 41
12 0 09 49 45"08"

M(1-3) = 90° 04' 10"
M(1-2) = 0° 02' 38"
90° 01' 32"

205.49

COUNTY SURVEYORS MONUMENT
4 SEC 14
SEC 15
1/4 COR

24+47.55
Set 1" I.P. Conc
Plug & C.E. Tag
(Flush)
Top of spur.

T = 70°

211.26 @ 103°23'(13°23') = 205.52
211.39 @ 256°25'(13°35') = 205.48 } 205.48

152.99

T = 70°

153.27 @ 273°14'(3°14') = 153.02
153.21 @ 86°55'(3°05') = 152.99 } 152.99

22+94.56
Set 1" I.P.
Conc Plug & C.E
Tag (Flush)
Top of spur.

T = 70°

95.31 @ 85°35'(4°25') = 95.03
95.23 @ 273°53'(3°53') = 95.01 } 95.01

95.01
193.34
338.93
627.28

T = 70°

195.20 @ 97°51'(7°51') = 193.37
195.33 @ 261°51'(8°09') = 193.36 } 193.34

T = 70°

338.96 @ Lev. = 338.93

627.28

℄ SEC 15

TO TOP PG 142

H@H

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15F3095 CE#310 3-68

F. B. 1680 PG. 144

To bot. Pg. 137

SEC 15

SEC 14
T 4 N
R 9 W

T=60°
230.45 @ 92°52' (2°52') = 230.16
230.43 @ 267°12' (2°48') = 230.16 } 230.12

T=60°
172.08 @ 86°48' (3°12') = 171.81
172.10 @ 273°22' (3°22') = 171.80 } 171.77

T=60°
229.28 @ 93°26' (3°26') = 228.87
229.26 @ 266°38' (3°22') = 228.86 } 228.82

T=60°
215.00 @ 87°13' (2°47') = 214.75
215.03 @ 272°57' (2°57') = 214.74 } 214.71

T=60°
86.00 @ LEV. = 85.99

T=60°
139.12 @ 99°23' (9°23') = 137.26
139.27 @ 260°23' (9°37') = 137.25 } 137.24

T=60°
300.12 @ 92°57' (2°57') = 299.72
300.06 @ 267°07' (2°53') = 299.68
300.10 @ 267°02' (2°58') = 299.70 } 299.65

T=60°
265.11 @ 88°15' (1°45') = 264.99
265.14 @ 271°47' (1°47') = 265.01 } 264.96

T=60°
266.92 @ 93°09' (3°09') = 266.52
266.94 @ 266°54' (3°06') = 266.55 } 266.50

T=60°
208.10 @ 85°56' (4°04') = 207.58
208.05 @ 273°51' (3°51') = 207.58 } 207.55

T=60°
238.73 @ 93°51' (3°51') = 238.19
238.76 @ 265°57' (4°03') = 238.16 } 238.14

T=60°
300.33 @ 87°22' (2°38') = 300.01
300.36 @ 272°41' (2°41') = 300.03 } 299.97

230.12
171.77
228.82
214.71
85.99
137.24
299.65
264.96
266.50
207.55
238.14
299.97
2645.42

2645.42

SEC LINE

To Top Left Pg. 143

HCH

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WS 82 D22

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W. J. Voge
Checked G. KURACHI	Notes Voge Date 3-31-71
Date 8-4-72	Indexed G. J. GALLI 6 71

F. B. 1680 PG. 145

WS 82 D-2

To bot. Pg. 140

T=54°
14.39 @ LEV = 14.39'

T=54°
246.14 @ 87°40' (2°20') = 245.94
246.09 @ 272°07' (2°07') = 245.92 } 245.88'

T=54°
299.97 @ 94°58' (4°58') = 298.84
299.99 @ 264°55 (5°05') = 298.81 } 298.76'

T=54°
284.85 @ 90°57 (0°57') = 284.81
284.85 @ 269°05' (0°55') = 284.81 } 284.75'

T=54°
163.75 @ 94°00' (4°00') = 163.35
163.70 @ 266°17' (3°43') = 163.36 } 163.33'

T=54°
300.25 @ 258°55' (11°05') = 294.65
300.23 @ 258°56' (11°04') = 294.65 } 294.59'

T=56°
268.78 @ 99°08' (9°08') = 265.37
268.72 @ 260°55' (9°05') = 265.35 } 265.31'

1567.01 ℄ SEC 15

14.39
245.88
298.76
284.75
163.33
294.59
265.31
1567.01

SEC 15
T 4 N
R 9 W

To top Pg 146

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76F309S CE#310 3-68

F. B. 1680 PG 146

To bot. pg 145

BIG PINES HWY

1567.01

95+42.61

Set 2" IP, Conc plug & C.E. tag (flush) Top of Spur.

T=54°

91.94 @ 272°34' (2°34') = 91.85
91.95 @ 87°37' (2°23') = 91.87 } 91.84

T=54°

225.04 @ 260°56' (9°04') = 222.23
224.97 @ 98°54' (8°54') = 222.26 } 222.20

T=54°

299.00 @ 280°37' (10°37') = 293.88
299.09 @ 79°20' (10°40') = 293.92 } 293.84

T=54°

300.84 @ 76°29' (13°31') = 292.51
300.90 @ 283°33' (13°33') = 292.52 } 292.46

T=54°

11.40 @ LEV = 11.40

T=54°

126.08 @ 67°59' (22°01') = 116.88
126.20 @ 292°07' (22°07') = 116.91 } 116.88

1028.62

℄ SEC 15

91.84
222.20
293.84
292.46
11.40
116.88
1028.62

SEC 15
T 4 N
R 9 W

To Left pg. 151

HGH

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WS 82 D-2

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S. no. 5167	JN 0098.23 Tape 162 Std 94 °F
Office Work J. CROWDER	Surveyed by W. J. Voge
Checked G. KURACHI	Notes Voge Date 3-29-71
Date 8-4-71	Indexed G. J. GALLI MAY 6 '71

F. B. 1680 PG. 147

To bot Pg. 148

US 82 D 2

Set bt. spk FT in 12" pine

Set bt. spk FT in 10" pine

405.43

79+22.99 from N-
26+67.96 W.
SEC. COR
set Co. Engr
brass cap mon
@ rec. dist. from W.C.
(Hush)

COUNTY ENGINEER
T. 4. N.
15 | 14
22 | 23
R. 9. W.
R. E. 5889

89° 51' 57" Adj
89° 52' 01"
45.52
49.26
154
TO TOP Pg.
440.00
29.67
Set
Nail & T in 8" O'g/c.
Set bt. spk FT in 10" pine
35.37
90° 05' 30"
66.00
SEC. LINE

So. Line	1	D	00 00 32
		R	180 00 28 30"
W. Line	2	D	90 05 58
		R	270 06 00 59" 29"
No. Line	3	D	179 57 58
		R	359 58 02 00" 30"
	1	D	90 05 33
		R	270 05 35 34"
	2	D	180 11 08
		R	00 11 05 04" 30"
	3	D	270 03 05
		R	90 03 07 06" 32"

M 1-3 179° 57' 31"
-M 1-2 90° 05' 30"
89° 52' 01"

T = 70°
66.01 @ ℄ EL. = 66.00

80+43.99
Witness Cor.
Fd. Co. Sur. brass
cap mon. (up 4")
Per C.S. B
19243

COUNTY SURVEYOR
T. 4. N.
15 | 14
22 | 23
R. 9. W.
W.C.
MONUMENT

765.15

To top Pg. 150

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26F309S CE#310 3-68

HENRY

F. B. 1680 PG 148

To bot pg. 149

T=72°

307.06 @ LEV = 307.04

T=72°

295.40 @ 97°24'(7°24') = 292.94
295.27 @ 262°45'(7°15') = 292.91 } 292.90

T=72°

123.09 @ 281°27'(11°27') = 120.64
123.24 @ 281°45(11°45') = 120.66 } 120.64

T=72°

149.13 @ 104°34'(14°34') = 144.34
149.28 @ 255°11'(14°49') = 144.32 } 144.32

T=72°

61.89 @ 80°18'(9°42') = 61.00
61.89 @ 279°41'(9°41') = 61.01 } 61.00

T=72°

182.50 @ 98°30'(8°30') = 180.49
182.50 @ 261°28'(8°32') = 180.48 } 180.47

T=68°

101.92 @ LEV = 101.91

SEC 15

T=68°

170.91 @ 259°37'(10°23') = 168.11
170.73 @ 100°01'(10°01') = 168.13 } 168.10

T=68°

239.40 @ 82°30'(7°30') = 237.35
239.42 @ 277°32'(7°32') = 237.35 } 237.33

307.04
292.90
120.64
144.32
61.00
180.47
1106.37

1106.37

SEC 14
T 4 N
R 9 W

74+70.65
Set 2" IP Conc plug & C.E. tag (flush) top of spur.

101.91

75+72.56
Set 1" IP Conc plug & C.E. tag (flush)

405.43

SEC. LINE

168.10
237.33
405.43

To Top pg 147

NEW

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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WS 82 D-2

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 4-5-71
Date 8-4-72	Indexed G. L. GALLI MAY 6 '71

F. B. 1680 PG. 149

W382 D-2

To Top Right pg. 143

T= 72°
96.27 @ 103°45' (13°45') = 93.51
96.03 @ 256°47' (13°13') = 93.49
93.49

93.49

SEC 15

54+26.52
Set 1" I.P. conc
Plug (flush) E C E tag
Top of spur

T= 72°
197.06 @ 95°36' (5°36') = 196.12
197.16 @ 264°06' (5°54') = 196.12
196.10

T= 72°
251.05 @ 81°19' (8°41') = 248.17
251.10 @ 278°43' (8°43') = 248.20
248.16

SEC LINE

SEC 14
T 4 N
R 9 W

T= 72°
202.45 @ LEV = 202.43

937.76

196.10
248.16
202.43
229.07
62.00
937.76

T= 72°
239.67 @ 107°04' (17°04') = 229.11
239.88 @ 252°44' (17°16') = 229.07
229.07

T= 72°
63.20 @ 78°53' (11°07') = 62.01
63.12 @ 280°49' (10°49') = 62.00
62.00

63+64.28
Set 1" I.P. conc
Plug (flush) C.E. tag
Top of spur

1106.37

To Top pg 148

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76F309S CE#310 3-68

F. B. 1680 PG 150

To bot. Pg. 147

SEC 22

278.31
57.35
268.82
160.67
765.15

T=60°

280.37 @ 96°52'(6°52') = 278.36
280.27 @ 263°16'(6°44') = 278.34 } 278.31

SEC 23

T 4 N

R 9 W

T=60°

57.36 @ LEV = 57.35

765.15

SEC LINE

T=60°

270.57 @ 276°26'(6°26') = 268.87
270.45 @ 276°14'(6°14') = 268.85 } 268.82

T=54°

163.53 @ 100°39'(10°39') = 160.71
163.39 @ 259°34'(10°26') = 160.69 } 160.67

To Top pg. 155

1 He.H

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WS 52 D-2

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.28 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 4-12-71
Date 8-4-72	Indexed C. J. GALLI NOV 6 '71

F. B. 1680 PG. 151

WS 82 D-2

To bot pg 152

T=68°

130.72 @ 98°15 (8°15') = 129.37
130.64 @ 261°58 (8°02') = 129.36 } 129.35

129.35
13.18
142.53

T=68°

13.18 @ LEV = 13.18

SEC LINE

142.53

105+71.23 from North
0+00 to East
1/4 COR
Fd Co Sur brass
Cap mon (up 4") per
CSB 1924-3

To bot pg 146

1028.62
℄ SEC 15

90° 11' 00"
Adj

COUNTY SURVEYOR'S
T.4 N.
R.9 W.
S.15
RE 62
S.22
1/4 COR
MONUMENT

II 1D 00 00 29
R 180 00 34 32

2D 90 11 30
R 270 11 35 32" 00"

II 1D 90 05 22
R 270 05 22 22"

2D 180 16 22
R 00 16 23 22 00"

M= 90° 11' 00"

Prod

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76F309S CE#310 3-68

HCH

F. B. 1680 PG. 152

TO bot Pg. 153

SEC 15

642.98

T=62°

202.48 @ 98°15' (8°15') = 200.38
202.26 @ 262°10' (7°50') = 200.37 } 200.35

12+53.54
Set 1" I.P. Conc. plug & C.E. tag (flush) Top of spur.

T=62°

81.85 @ 80°50' (9°10') = 80.80
81.77 @ 278°52' (8°52') = 80.79 } 80.79

SEC 22

T 4 N

R 9 W

T=62°

170.55 @ 251°53' (18°07') = 162.09
170.48 @ 251°58' (18°02') = 162.11 } 162.08

T=62°

88.52 @ 82°05' (7°55') = 87.68
88.57 @ 278°02' (8°02') = 87.70 } 87.68

T=62°

101.07 @ 77°00' (13°00') = 98.48
100.72 @ 282°04' (12°04') = 98.49 } 98.47

1111.01

SEC LINE

T=62°

268.58 @ 88°30' (1°30') = 268.49
268.59 @ 271°32' (1°32') = 268.49 } 268.45

200.35
80.79
162.08
87.68
98.47
268.45
134.88
78.31
1111.01

T=62°

136.18 @ 82°06' (7°54') = 134.89
136.16 @ 277°47' (7°47') = 134.91 } 134.88

T=68°

78.42 @ 93°04' (3°04') = 78.31
78.41 @ 267°11' (2°49') = 78.32 } 78.31

142.53

1+42.53
Set 1" I.P. Conc. plug & C.E. tag (flush) Top of spur.

WS 82 D-2

TO TOP Pg. 151

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Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 009823 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W.J. Voge
Checked G. KURACHI	Notes Voge Date 4-12-71
Date 8-4-72	Indexed O. J. GALLI MAY 6 11

F. B. 1680 PG. 153

W582 D-2

To bot Pg 154

SEC 15

T 4 N

R 9 W

SEC 22

331.44

T = 72°

244.82 @ LEV. = 244.80

18+96.52

Set 1" I.P. Conc plug & CE tag (top of spur.)

T = 72°

287.49 @ 81°31' (8°29') = 284.34
287.65 @ 278°40' (8°40') = 284.37 } 284.34

244.80
284.34
104.95
8.89
642.98

T = 72°

111.79 @ 290°08' (10°08') = 104.96
112.06 @ 69°29' (10°31') = 104.95 } 104.95

642.98

SEC LINE

T = 72°

8.89 @ LEV = 8.89

HWY

BIG PINES

To Top Pg 152

HCH

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76F3095 CE#310 3-68

F. B. 1680 PG. 154

To Right Pg. 147

T = 70°

440.04 @ Lev. = 440.00

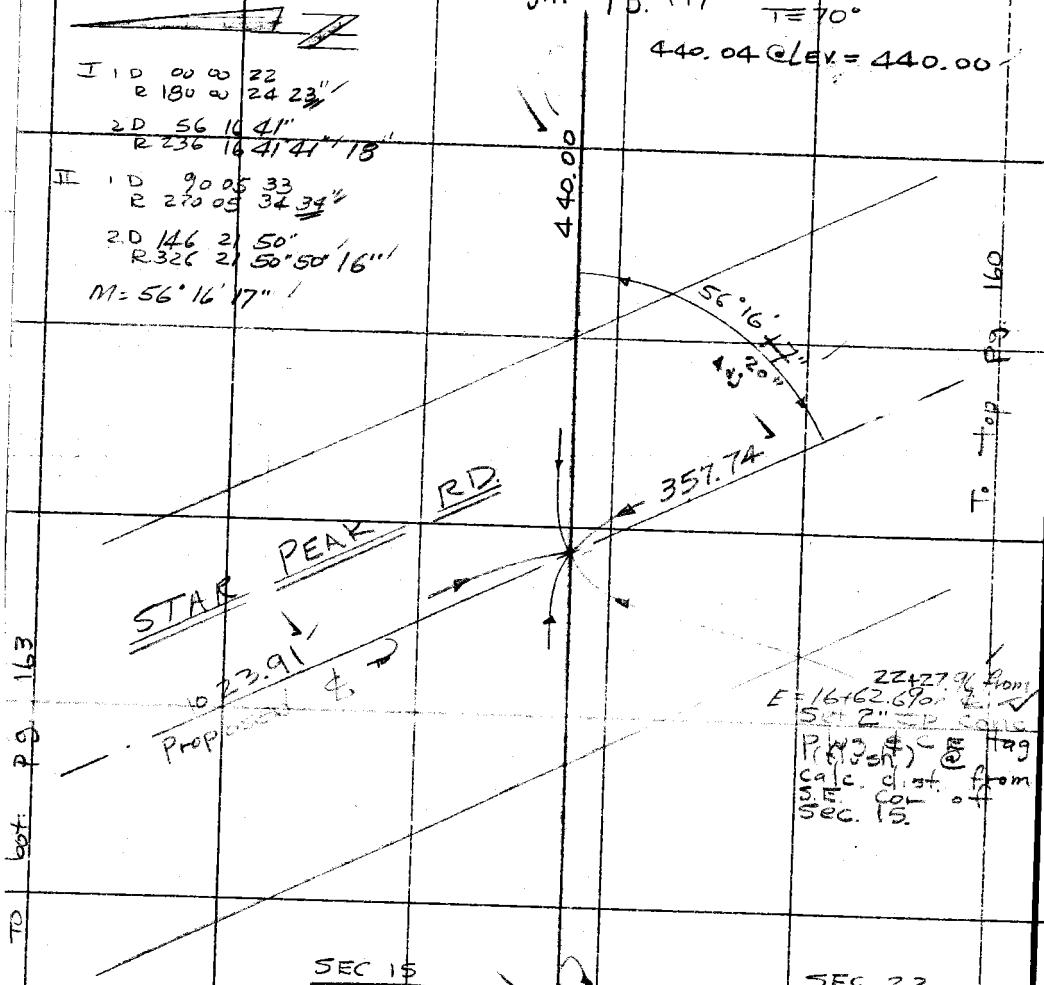
I 1 D 00 00 22
R 180 00 24 23"

2 D 56 16 41"
R 236 16 41 41" 18"

II 1 D 90 05 33
R 270 05 34 34"

2 D 146 21 50"
R 326 21 50" 50" 16"

M = 56° 16' 17"



T = 70°

300.90 @ 255°15' (14°45') = 290.98
300.76 @ 255°21' (14°39') = 290.98 } 290.95

290.95
40.49
331.44

T = 70°

42.47 @ 287°33' (17°33') = 40.49
42.27 @ 286°40' (16°40') = 40.49 } 40.49

To Top Pg. 153

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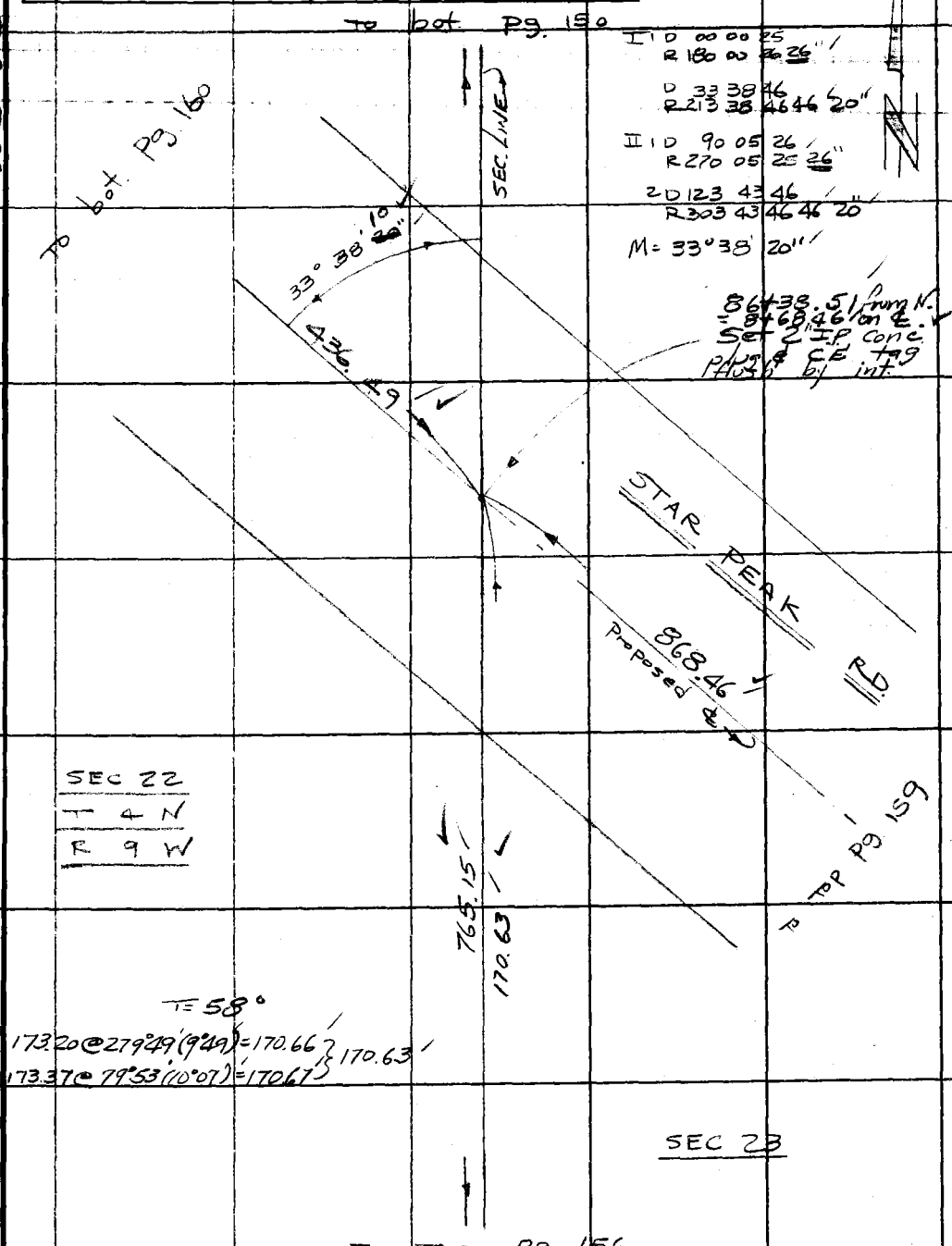
WS 52 D-2

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W.J. Voge
Checked G. KURACHI	Notes Voge Date 4-15-71
Date 8-4-72	Indexed C.J. GALLI MAY 6 '71

F. B. 1680 PG. 155

WS 82 D-2



HCN

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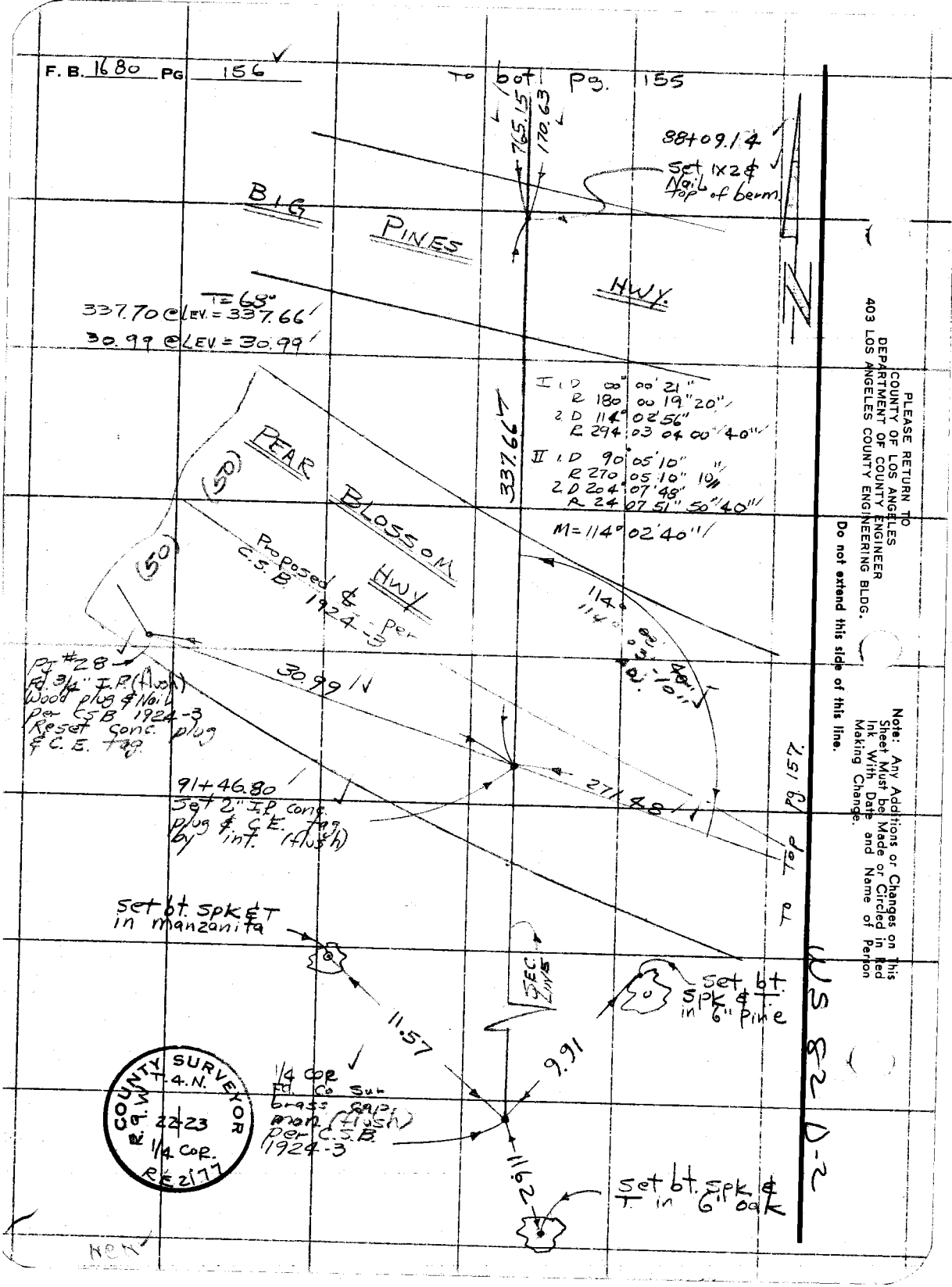
76F309S CE#310 3-68



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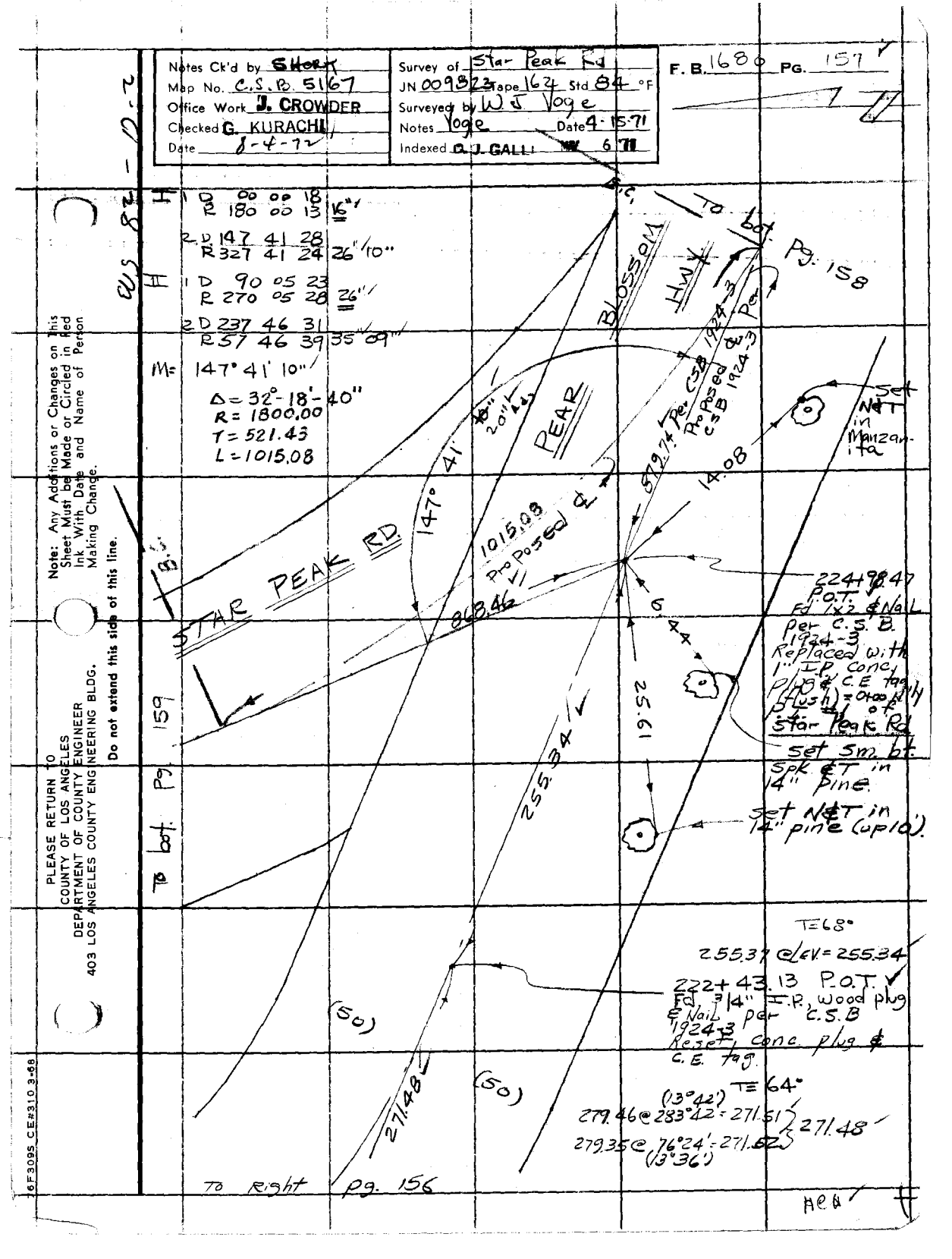
Notes Ck'd by SHORT
Map No. C.S.B. 5167
Office Work J. CROWDER
Checked G. KURACHI
Date 8-4-72

Survey of Star Peak Rd
JN 009823 Tape 162 Std 84 °F
Surveyed by W J Voge
Notes Voge Date 4-15-71
Indexed A. J. GALLI 6 71

F. B. 1686 Pg. 157



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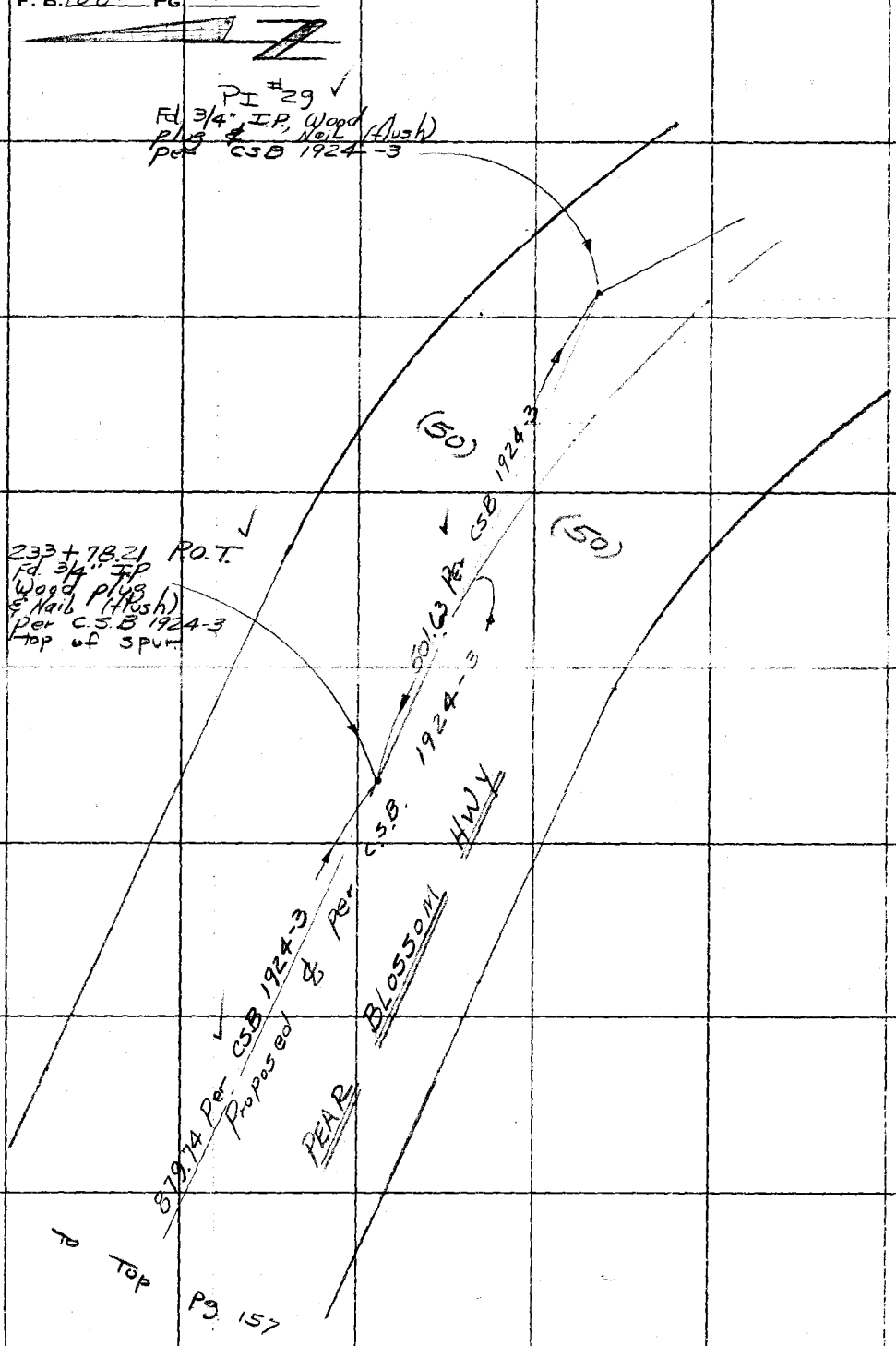
6F309S CE#310 3-68

F. B. 1680 PG 158



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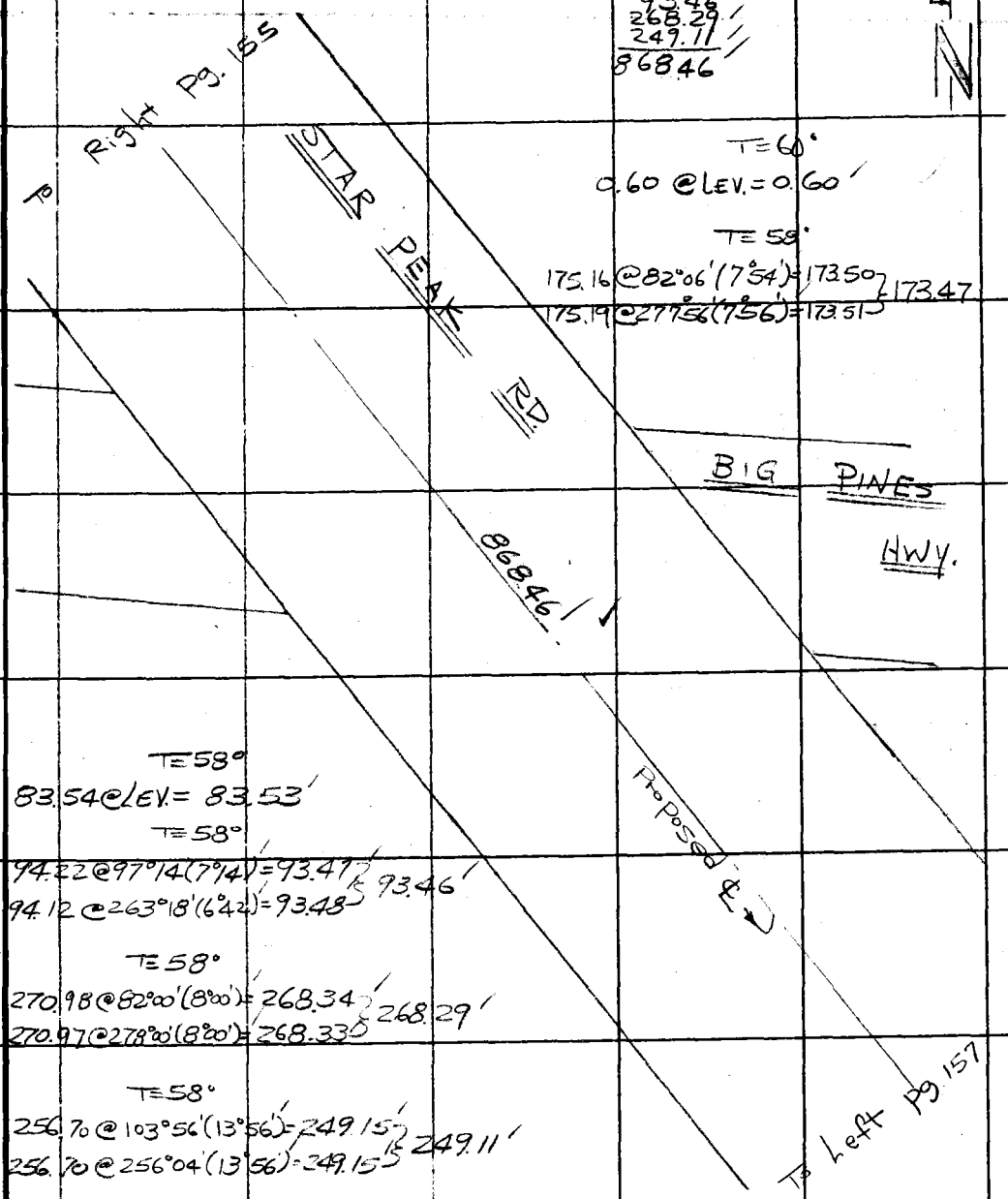
115 PE 12

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098 23 Tape 144 Std 84 °F
Office Work J. CROWDER	Surveyed by WJ Voge
Checked G. KURACHI	Notes Voge Date 4-26-71
Date 8-4-72	Indexed O. J. GALLI MAY 6 71

F. B. 1680 PG. 159

WS 82 D-2

0.60
173.47
83.53
93.46
268.29
249.11
868.46



T=60°
0.60 @ LEV. = 0.60

T=58°
175.16 @ 82°06' (7°54') = 173.50
175.19 @ 277°56' (7°56') = 173.51
} 173.47

T=58°
83.54 @ LEV. = 83.53

T=58°
94.22 @ 97°14' (7°14') = 93.47
94.12 @ 263°18' (6°42') = 93.48
} 93.46

T=58°
270.98 @ 82°00' (8°00') = 268.34
270.97 @ 278°00' (8°00') = 268.33
} 268.29

T=58°
256.70 @ 103°56' (13°56') = 249.15
256.70 @ 256°04' (13°56') = 249.15
} 249.11

HCH

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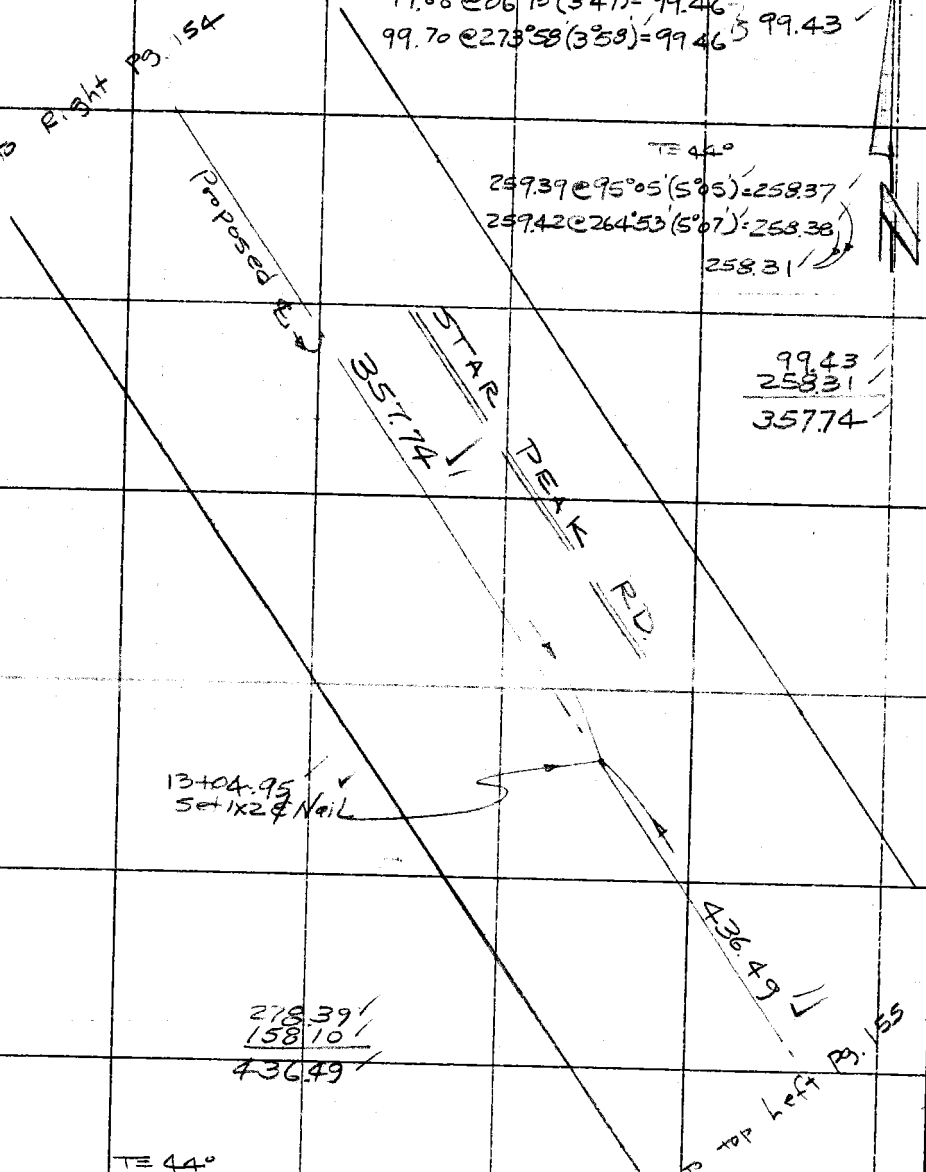
76F309S CE#310 3-68

F. B. 1680 PG. 160

TE 44°
99.68 @ 86°13'(3°47') = 99.46
99.70 @ 273°58'(3°58') = 99.46 } 99.43

TE 44°
259.39 @ 95°05'(5°05') = 258.37
259.42 @ 264°53'(5°07') = 258.38
258.31

99.43
258.31
357.74



278.39
158.10
436.49

TE 44°
280.00 @ 83°58'(6°02') = 278.45
279.97 @ 275°57'(5°57') = 278.46 } 278.39

TE 44°
159.32 @ 96°58'(6°58') = 158.14
159.30 @ 263°07'(6°53') = 158.15 } 158.10

RC 4

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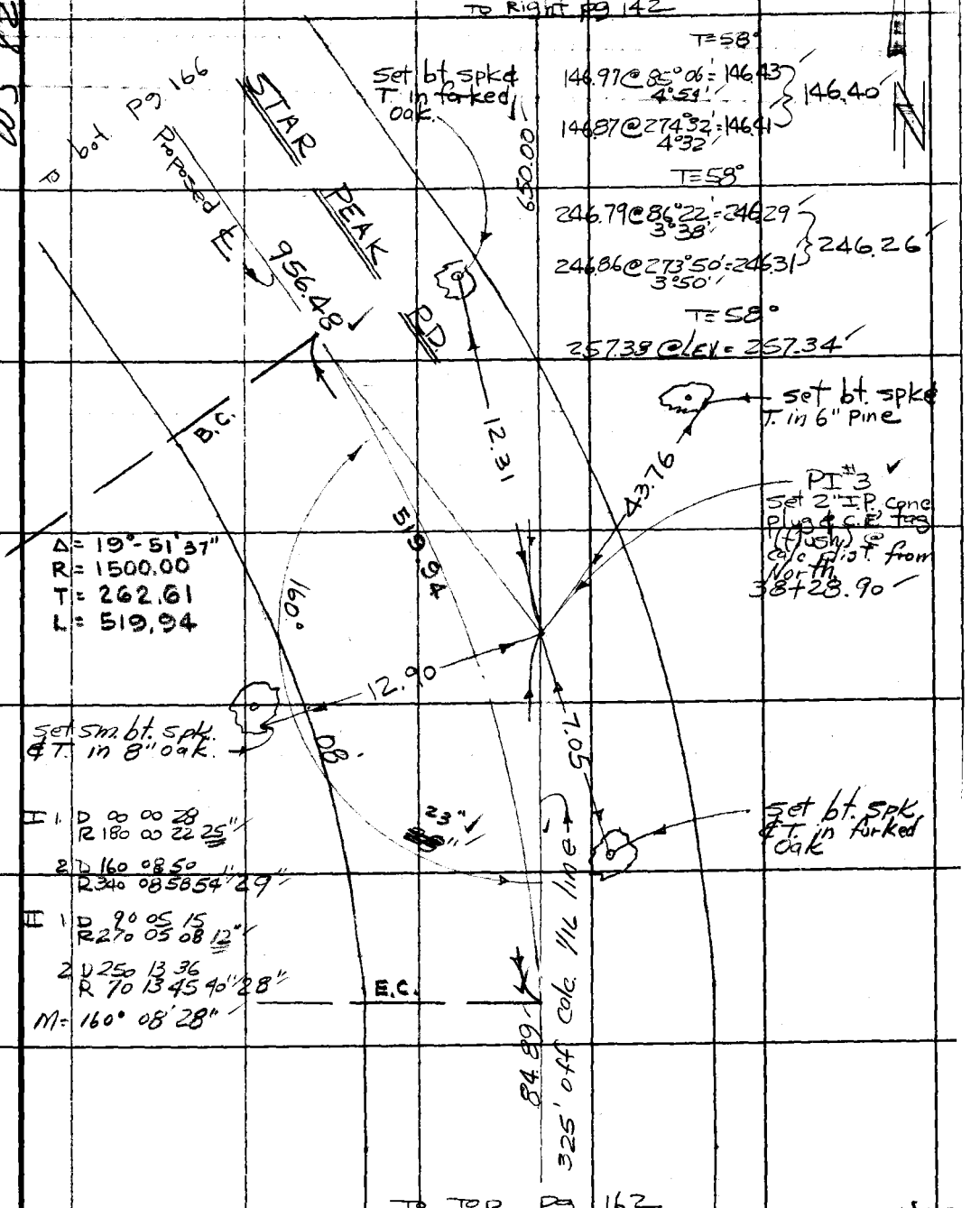
RS 82 02

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 009823 Tape 144 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 4-22-71
Date 8-4-72	Indexed J. GALLI MAY 6 '71

F. B. 1680 PG. 161

146.40
246.26
257.34
650.00

WS 82 D-2



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76F309S CE#310 3-68

F. B. 1680 PG. 162

To bot. pg 161

T=60°

86.43 @ 100°46' = 84.91
10°46'
86.46 @ 259°07' = 84.90
10°53'
} 84.89

84.89

37+44.01
Set 1x2
& Nail

T=60°

231.74 @ 86°15' = 231.24
3°45'
231.70 @ 273°38' = 231.23
3°38'
} 231.20

231.20
201.76
29.16
151.25
115.18
202.83
126.03
1057.41

T=60°

201.79 @ LEV = 201.76

T=52°

29.17 @ LEV = 29.16

T=52°

152.24 @ 96°26' = 151.28
(6°26')
152.20 @ 263°42' = 151.28
(6°18')
} 151.25

T=52°

115.69 @ 84°48' = 115.21
(5°12')
115.75 @ 275°35' = 115.20
(5°35')
} 115.18

T=52°

204.07 @ 96°11' = 202.88
(6°11')
204.01 @ 263°55' = 202.86
(6°05')
} 202.83

T=50°

126.40 @ 85°50' = 126.07
(4°10')
126.43 @ 274°25' = 126.05
(4°25')
} 126.03

STAR PEAK RD

1057.41

Proposed ℄ & 325' off Calc 1/16 line

To top pg. 164

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INS 82 D-2

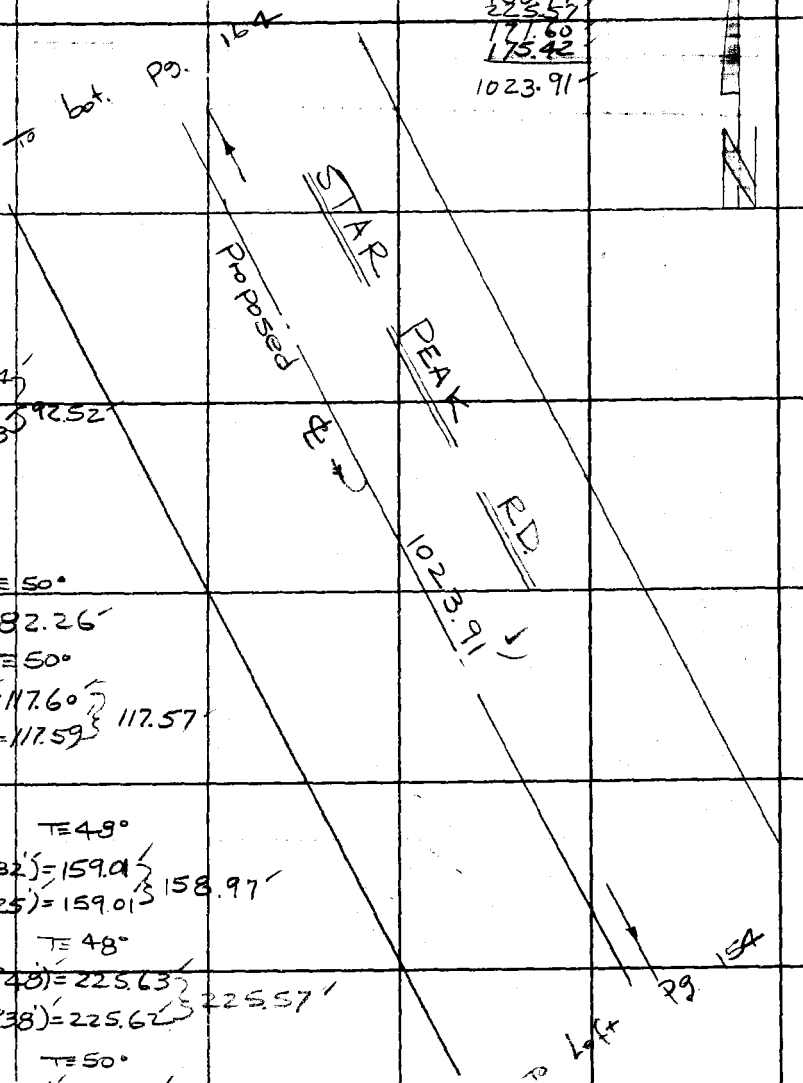
Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W J Voge
Checked G. KURACHI	Notes Voge Date 4-2-71
Date 8-4-72	Indexed G. J. GALLI MAY 6 '71

F. B. 1680 PG. 163

D-2

WS 82

92.52
82.26
117.57
158.97
225.57
171.60
175.42
1023.91



T=50°

92.84 @ 85°26' (4°34') = 92.54
92.77 @ 274°06' (4°06') = 92.53 } 92.52

T=50°

82.28 @ LEV. = 82.26

T=50°

117.64 @ 88°29' (1°31') = 117.60
117.67 @ 272°04 (2°04') = 117.59 } 117.57

T=48°

159.17 @ 92°32' (2°32') = 159.01
159.15 @ 267°35' (2°25') = 159.01 } 158.97

T=48°

225.90 @ 87°12' (2°48') = 225.63
225.86 @ 272°38' (2°38') = 225.62 } 225.57

T=50°

172.09 @ 94°08' (4°08') = 171.64
172.04 @ 266°03' (3°57') = 171.63 } 171.60

T=50°

176.06 @ 85°15' (4°45') = 175.45
176.16 @ 275°06' (5°06') = 175.46 } 175.42

HCH

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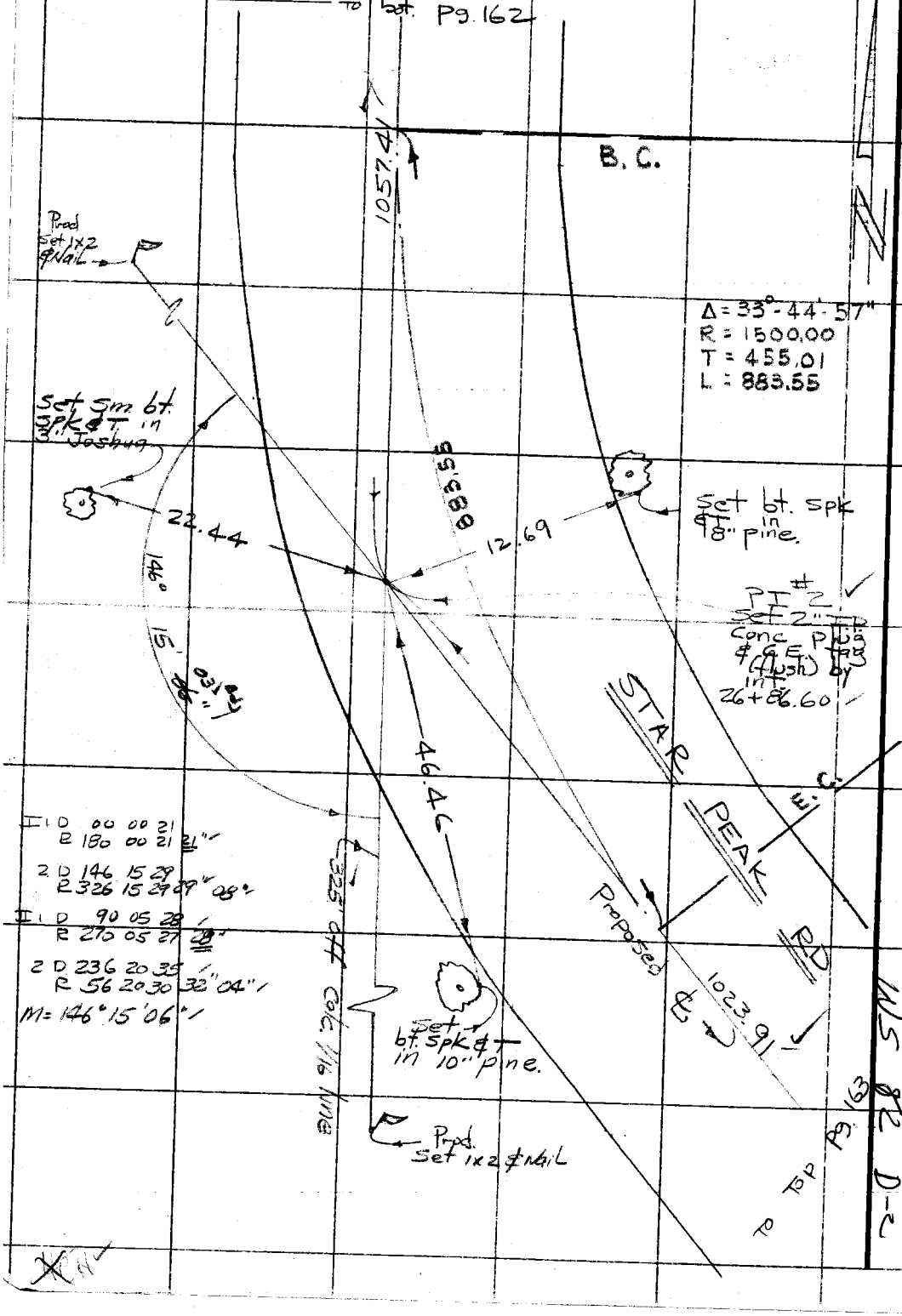
76F309S CE#310 3-68

F. B. 1680 PG 164 TO bot. Pg. 162



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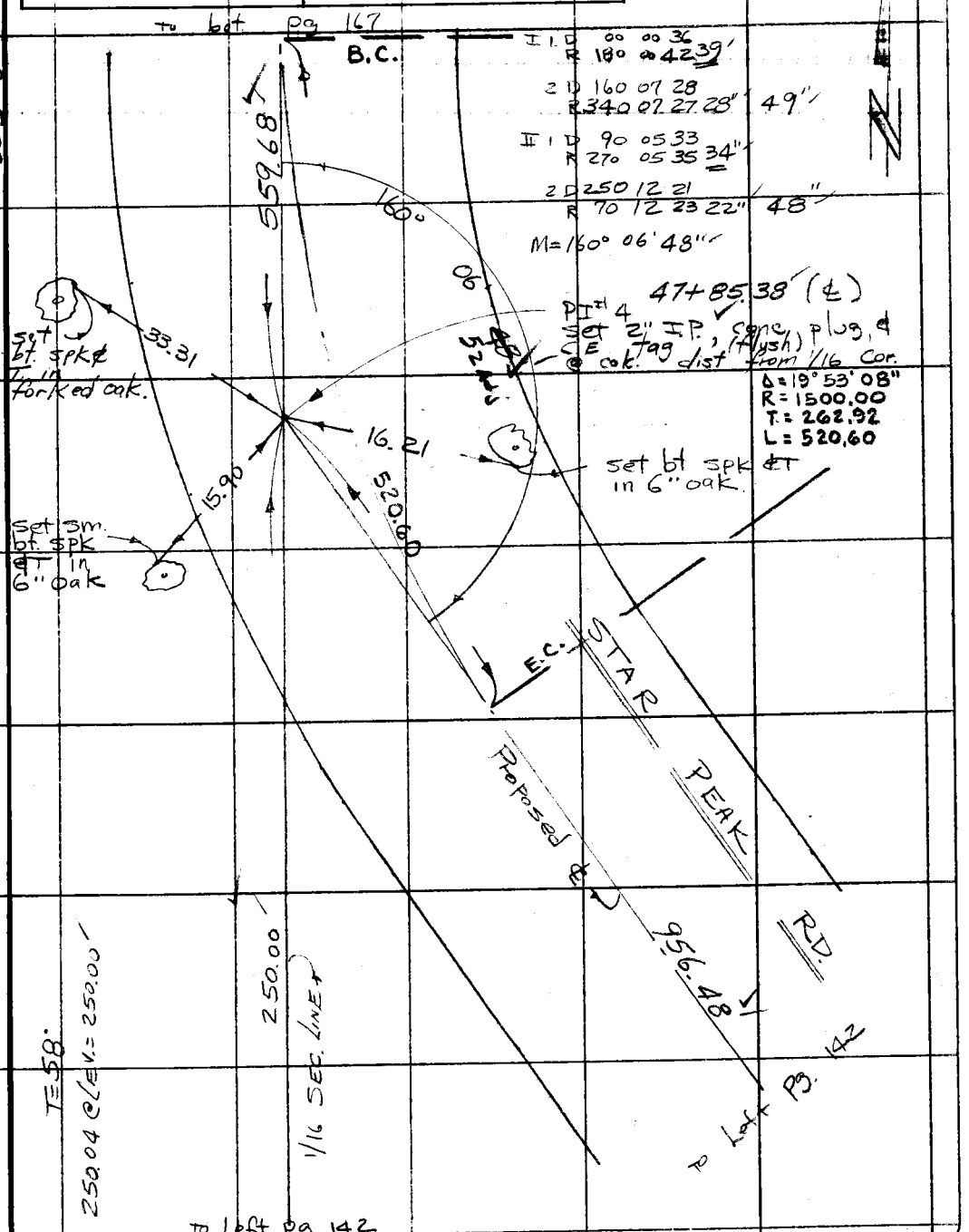
Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 009823 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W.J. Voge
Checked G. KURACHI	Notes Voge Date 4-28-71
Date 8-4-72	Indexed O. J. GALLI 6 71

F. B. 1680 PG. 165



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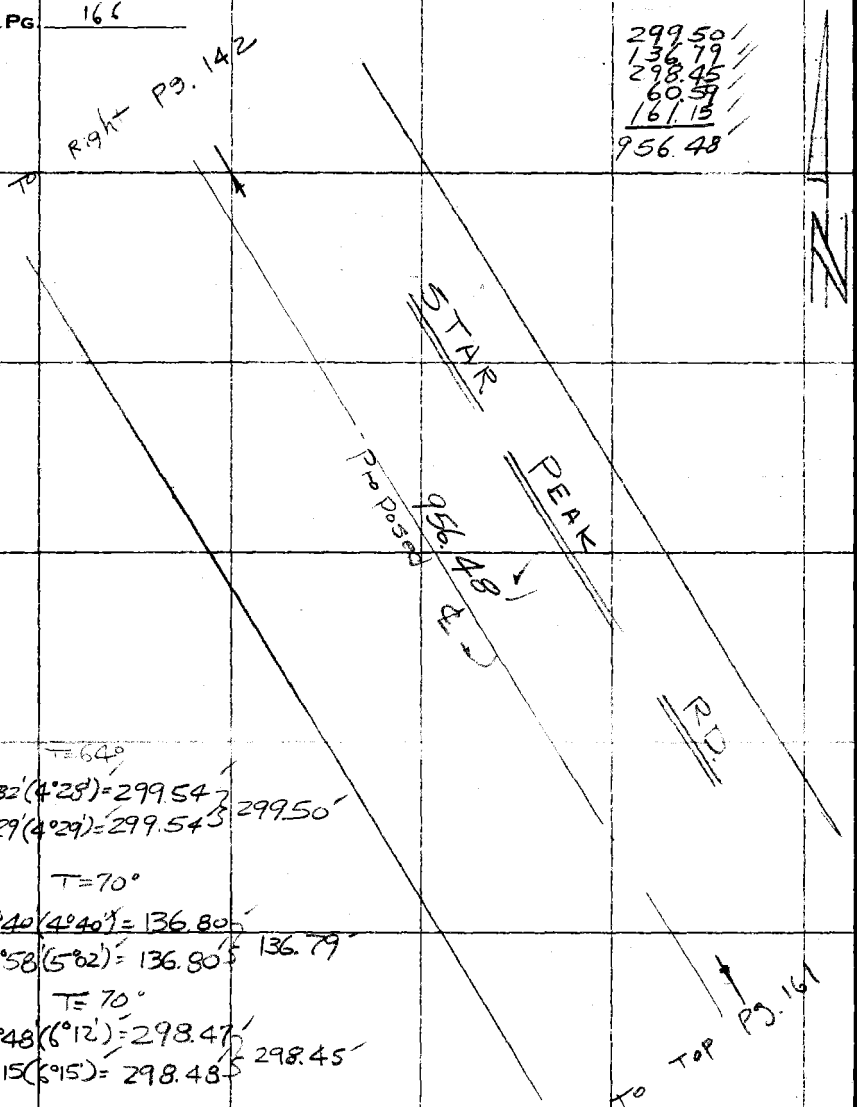
76F309S CE#310 3-68

F. B. 1680 PG. 166

299.50
136.79
298.45
60.59
161.15
956.48



T=64°

300.45 @ 85°32' (4°28') = 299.54
300.46 @ 274°29' (4°29') = 299.54 } 299.50

T=70°

137.26 @ 94°40' (4°40') = 136.80
137.33 @ 264°58' (5°02') = 136.80 } 136.79

T=70°

300.23 @ 83°48' (6°12') = 298.47
300.26 @ 276°15' (6°15') = 298.48 } 298.45

T=70°

61.13 @ 97°29' (7°29') = 60.61
61.23 @ 261°43' (8°17') = 60.59 } 60.59

T=70°

161.27 @ 87°52' (2°08') = 161.16
161.28 @ 272°16' (2°16') = 161.15 } 161.15

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WS 82 D-2

14 eHV

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W.J. Voge
Checked G. KURACHI	Notes Voge Date 4-29-71
Date 8-4-72	Indexed G.J. GALLI MAY 6 '71

F. B. 1680 PG. 167

WS 82 D-2

TO Right pg. 138

T=62°
283.67 @ 86°53' (3°07') = 283.25
283.73 @ 273°13' (3°13') = 283.29 } 283.22
T=62°
20.00 @ LEV. = 20.00
T=62°
274.58 @ 93°37' (3°37') = 274.03
274.54 @ 266°27' (3°32') = 274.02 } 273.98
T=62°
148.25 @ 86°45' (3°15') = 148.01
148.29 @ 273°35' (3°35') = 148.00 } 147.98
T=62°
272.84 @ 265°46' (4°14') = 272.10
272.86 @ 94°17' (4°17') = 272.10 } 272.06
T=62°
197.02 @ 86°40' (3°20') = 196.69
197.08 @ 273°41' (3°41') = 196.67 } 196.65
T=64°
250.15 @ 93°54' (3°54') = 249.57
250.12 @ 266°12' (3°48') = 249.57 } 249.54
T=64°
300.22 @ 85°29' (4°31') = 299.29
300.27 @ 274°38' (4°38') = 299.29 } 299.25
T=64°
95.16 @ LEV. = 95.15
Set 1x2 ℄ Nail
53+45.06 (℄)

94.53
53.80
226.51
84.84
559.68

T=64°
94.54 @ LEV. = 94.53
T=62°
154.25 @ 265°42' (4°18') = 153.82
154.27 @ 265°37' (4°23') = 153.82 } 153.80
T=62°
226.77 @ 87°23' (2°37') = 226.53
226.83 @ 272°49' (2°49') = 226.56 } 226.51
T=62°
84.85 @ LEV. = 84.84

STAR PEAK RD

1837.83

Proposed ℄

559.68

TO TOP PG 165

HCH

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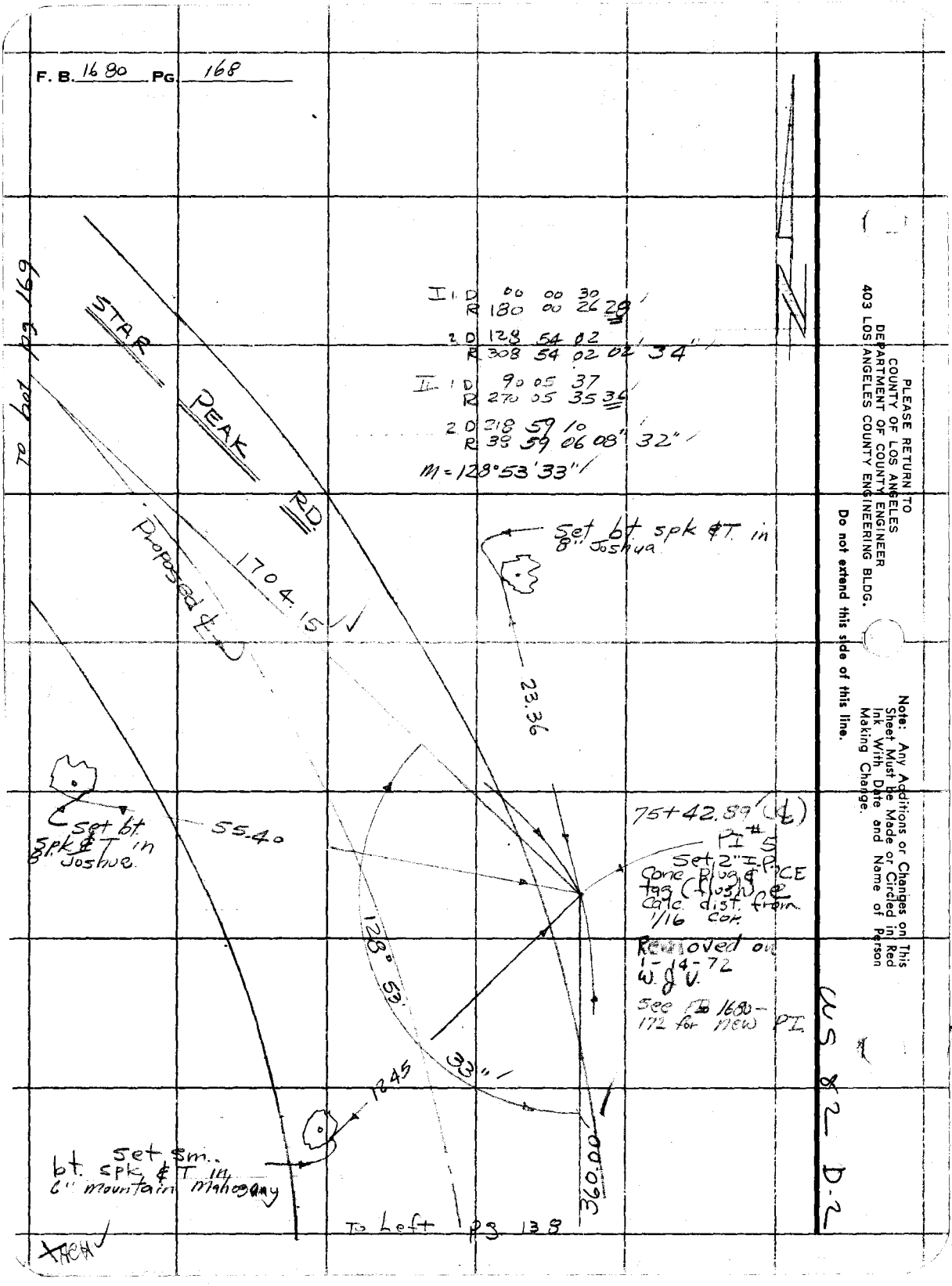
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

F. B. 1680 PG. 168



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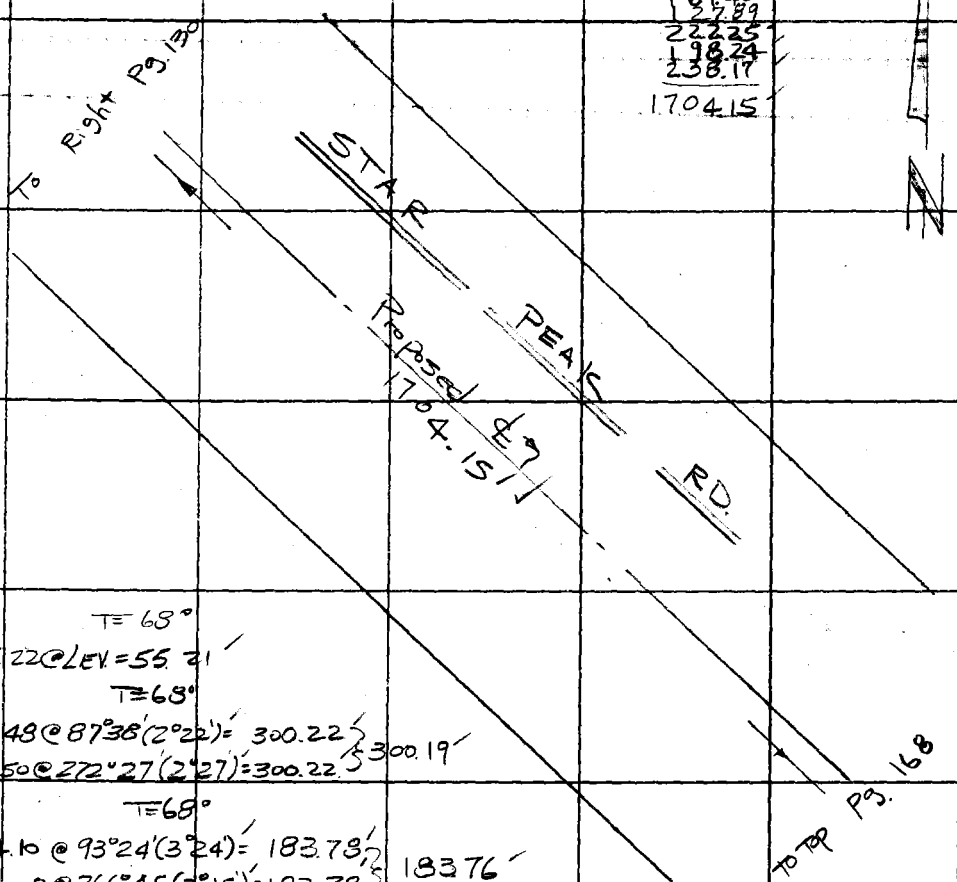
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN0098.23 Tape 162 Std 84 °F
Office Work J. CROWDER	Surveyed by W.J. Voge
Checked G. KURACHI	Notes Voge Date 4-30-71
Date 8-4-72	Indexed C. J. GALLI 6 70

F. B. 1680 PG. 169

WS 82 D-2

55.21
300.19
183.76
217.04
161.40
127.89
222.25
198.24
238.17
1704.15



T=68°
55.22 @ LEV. = 55.21

T=68°
300.48 @ 87°38'(2°22') = 300.22
300.50 @ 272°27'(2°27') = 300.22 } 300.19

T=68°
184.10 @ 93°24'(3°24') = 183.78
184.08 @ 266°45'(3°15') = 183.78 } 183.76

T=68°
217.32 @ 87°10'(2°50') = 217.05
217.36 @ 272°59'(2°59') = 217.06 } 217.04

T=68°
161.70 @ 93°23'(3°23') = 161.42
161.67 @ 266°46'(3°14') = 161.41 } 161.40

T=66°
198.45 @ 87°29'(2°31') = 198.26
198.47 @ 272°38'(2°38') = 198.26 } 198.24

T=68°
128.00 @ 87°44'(2°16') = 127.90
128.05 @ 272°49'(2°49') = 127.90 } 127.89

T=66°
238.56 @ 93°10'(3°10') = 238.20
238.55 @ 266°56'(3°04') = 238.21 } 238.17

T=66°
222.78 @ 93°48'(3°48') = 222.29
222.74 @ 266°18'(3°42') = 222.27 } 222.25

HCA

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76F309S CE#310 3-68

F. B. 1680 PG. 170

to bot. pg. 134

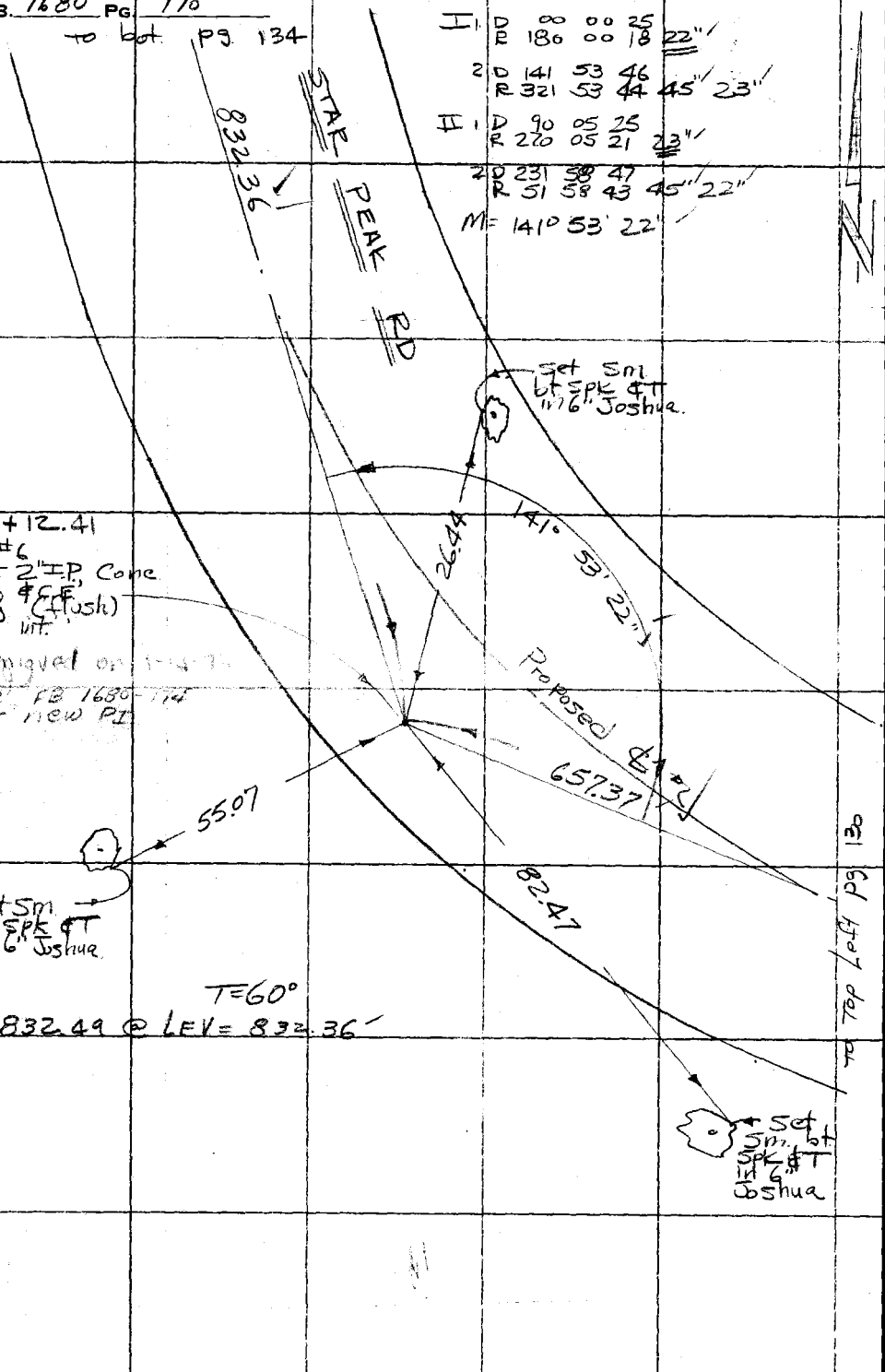
I. 1 D 00 00 25
R 180 00 18 22"

2 D 141 53 46
R 321 53 44 45" 23"

II. 1 D 90 05 25
R 270 05 21 23"

2 D 231 58 47
R 51 58 43 45" 22"

M = 141° 53' 22"



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WS 82 C-1

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN 0098.23 Tape 184 Std 84 °F
~~Office Work~~ J. CROWDER	~~Surveyed by~~ W. J. Voge
Checked G. KURACHI	Notes Voge Date 1-14-72
Date 8-4-72	Indexed C. J. GALLI JAN 24 '72

F. B. 1680 PG. 171

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STAR PEAK RD

JN 0098.23

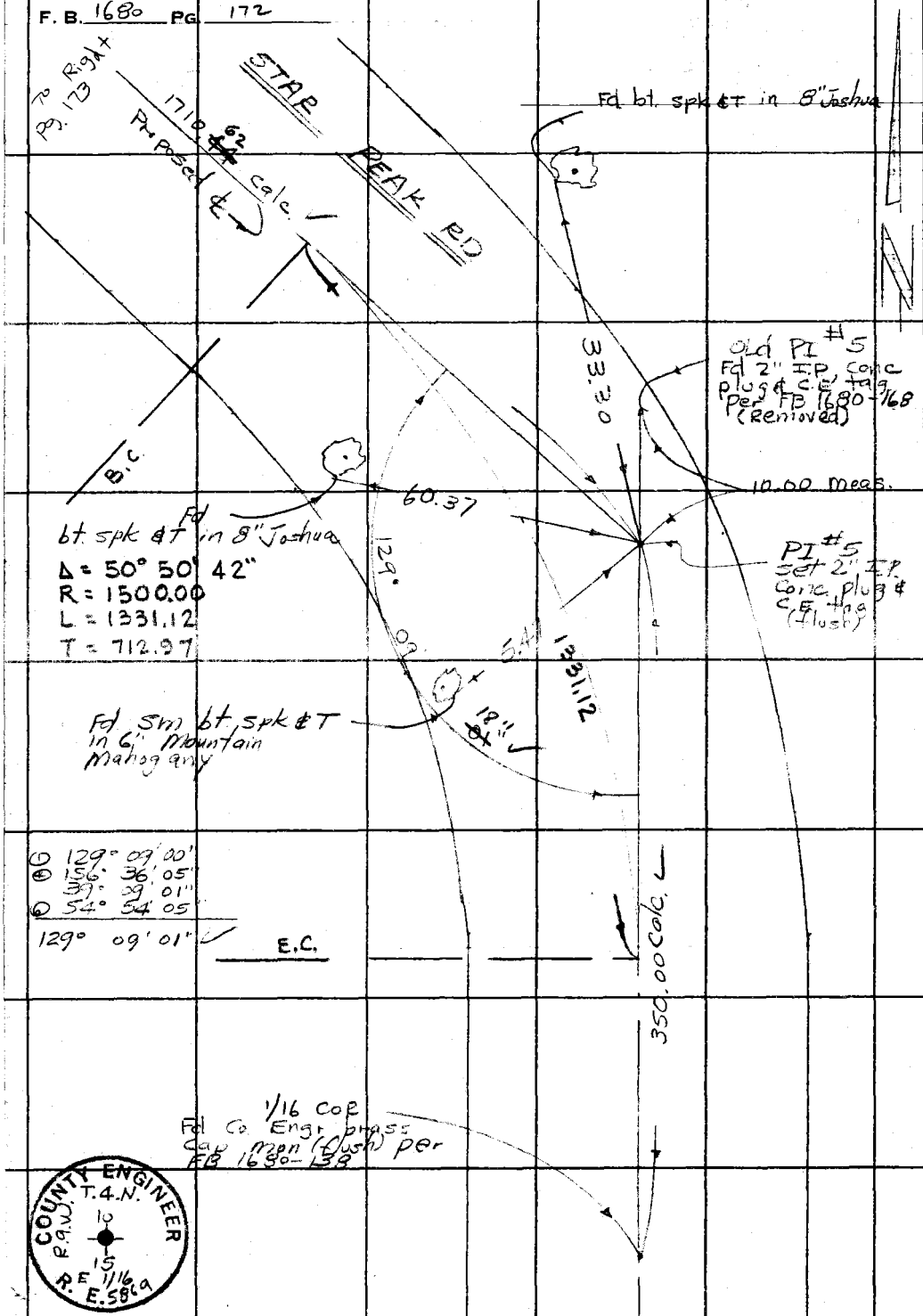
LINE CHANGE FROM PI #5 to PI #6

REFERENCE USED: FB 1680

PARTY: Voge
Van Ness
Hill
Sidwell

76F309S CE#310 3-69

F. B. 1680 PG. 172



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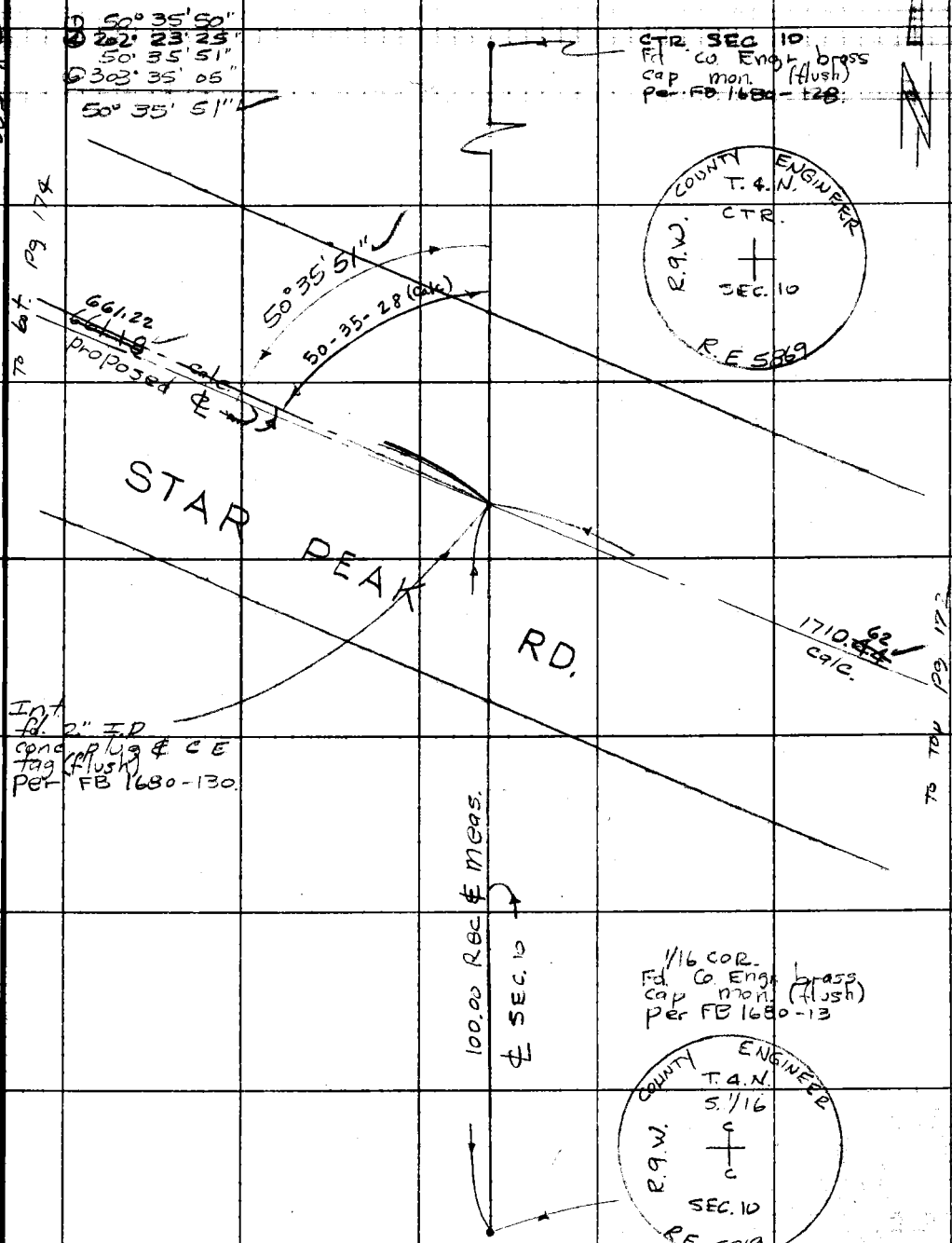
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

WS 82 D.2

Notes Ck'd by SHORT	Survey of Star Peak Rd
Map No. C.S.B. 5167	JN009823 Tape 184 Std 84 °F
Office Work J. CROWDER	Surveyed by W. J. Voge
Checked G. KURACHI	Notes Voge Date 1-14-72
Date 8-4-72	Indexed C. J. GALLI JAN 24 '72

F. B. 1680 PG. 173



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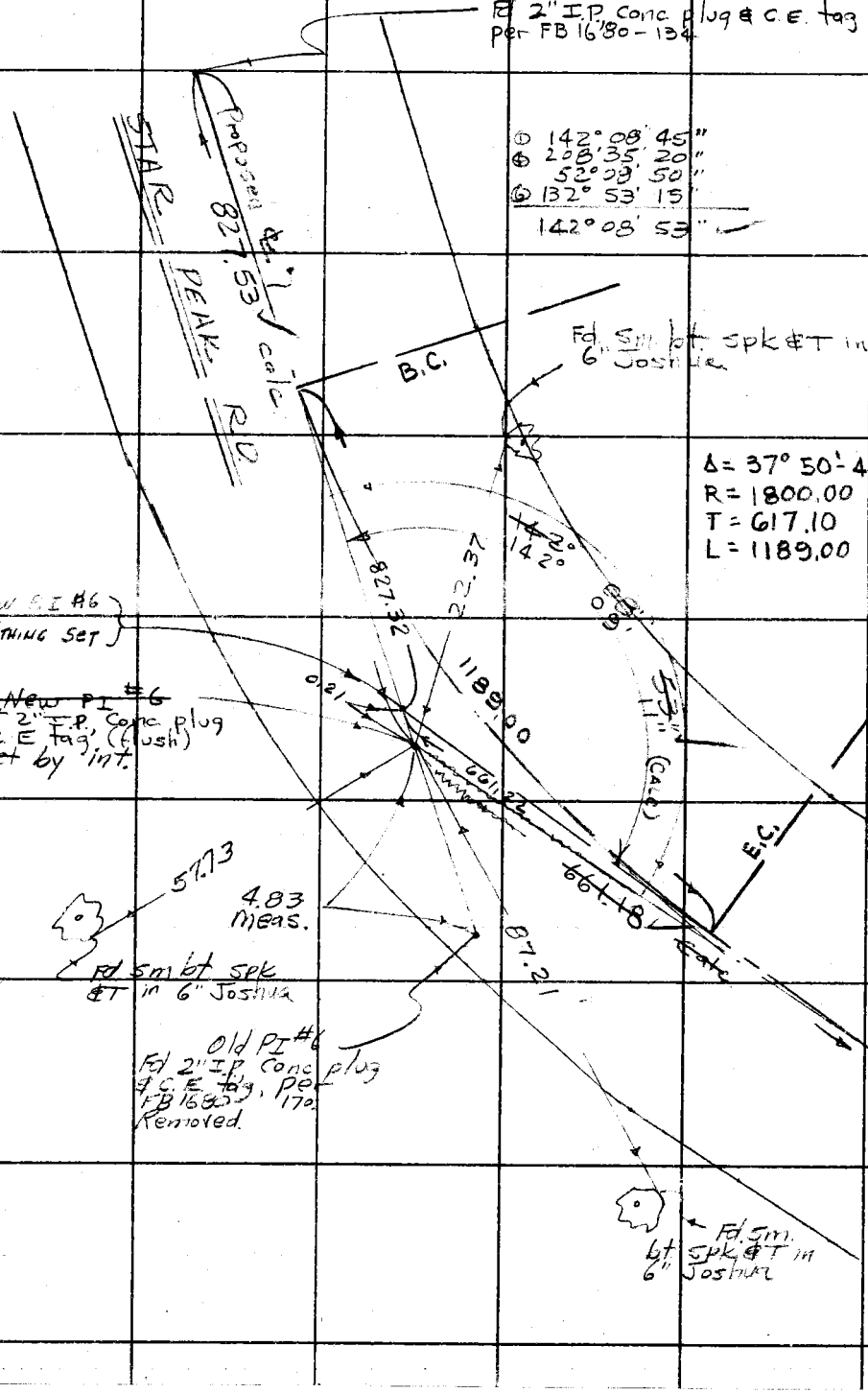
76F309S CE#310 3-69

F. B. 1680 PG. 174



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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.

C-1

Notes Ck'd W. EDMONDSON	Survey of 160TH ST. E.
Map No. B-5166	JN 0097.70 Tape 10 Std. 84 °F
Office Work B. TABATA	Surveyed by JSC
Checked W. EDMONDSON	Notes HCH Date 5-71
Date MAY 5 '72	Indexed D. J. GALL MAY 26 '71

F. B. 1680 PG. 181

JN 0097.70

160 TH ST. E.

CENTER-LINE SURVEY

FROM

AVE "O" TO AVE "Y-8"

COATES
Hubbard
Adams
Bittel
Crowe

X

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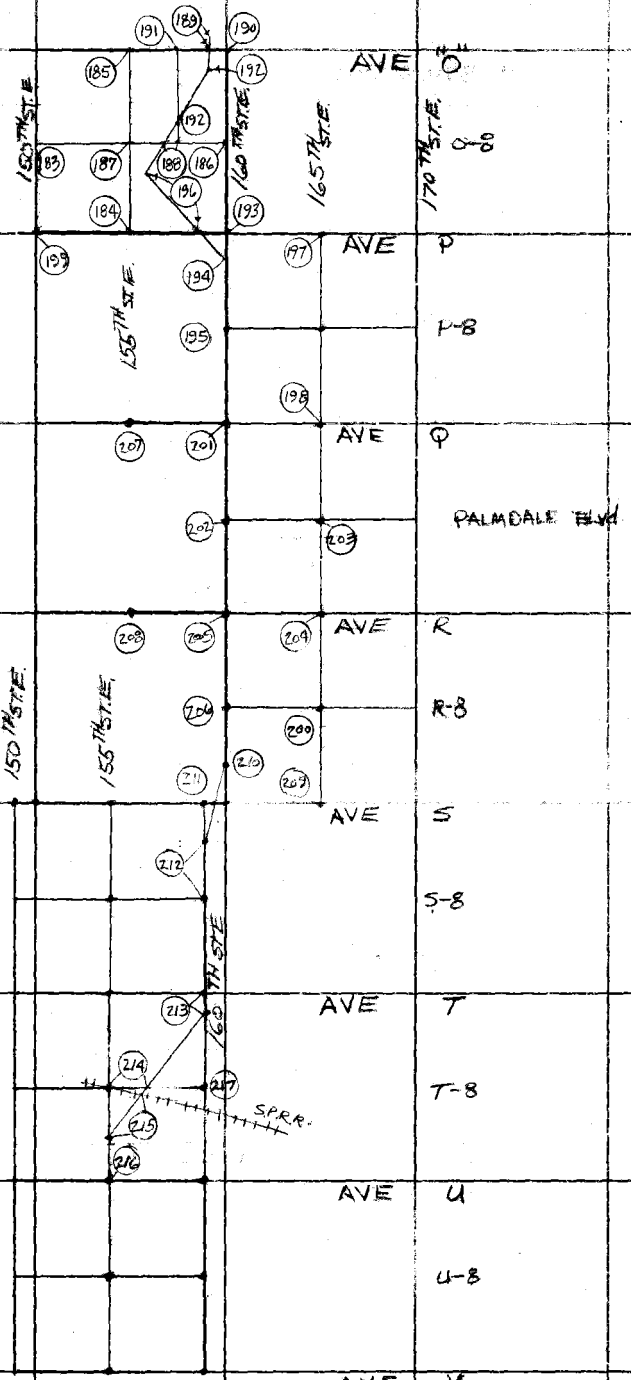
16F3095 CE#310 3-68

F. B. 1680 PG 182



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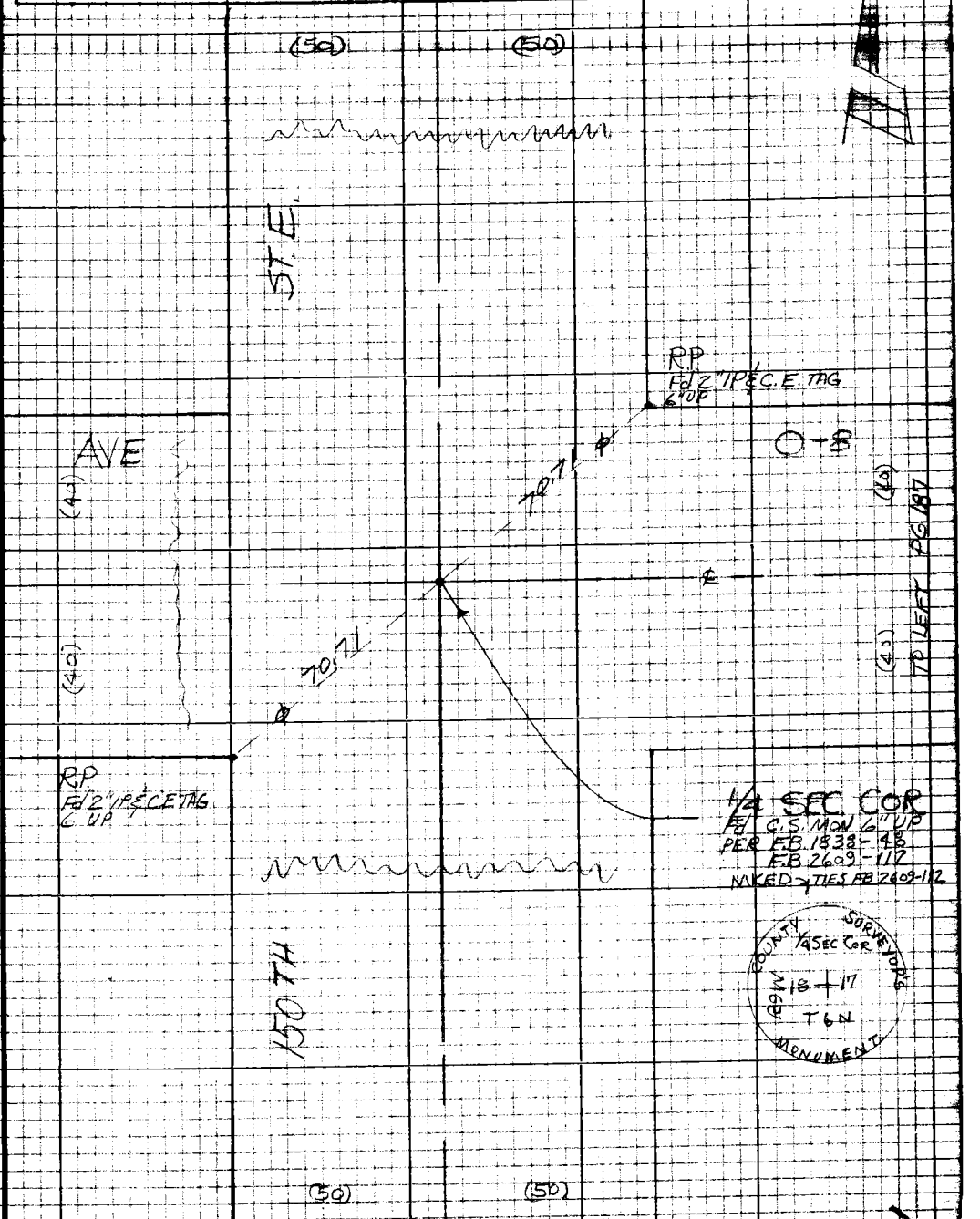
Notes Ck'd by W. EDMONDSON
Map No. B-5166
Office Work B. TABATA
Checked W. EDMONDSON
Date MAY 5 '72

Survey of 160TH ST E.
JN 0097.70 Tape 10 Std 84°F
Surveyed by J.S.G.
Notes H.C.H. Date MAY 71
Indexed G. J. [illegible] JUL 26 '71

F.B. 1680 Pg. 183



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W.S. 66, D-2

76P3098 CE #310 5-66

F.B. 1680 Pg. 184

207.45	@ 79° 25' 20"	=	203.92 ✓
207.56	@ 79 13 50	=	203.90 ✓
251.23	@ 73 20 15	=	240.68 ✓
250.39	@ 286 10 15	=	240.68 ✓
281.04	@ 263 57 40	=	270.10 ✓
281.05	@ 106 03 40	=	270.08 ✓
239.92	@ 82 40 00	=	237.96 ✓
239.84	@ 277 09 00	=	237.98 ✓
62.05	@ 77 07 20	=	60.49 ✓
62.65	@ 285 06 20	=	60.49 ✓
241.89	@ 79 35 40	=	237.91 ✓
241.62	@ 280 03 00	=	237.91 ✓
300.56	@ 95 37 10	=	299.12 ✓
300.61	@ 264 16 25	=	299.11 ✓

Level 1063.41
TBM 2618.57 ✓

TO BOT PG 187

(40) (40)

TO FIRE SCE

ST. E

2618.57 ✓

P.O.L.
Fd. CHIS. CROSS
IN LARGE ROCK
OUTCROPPING
SET L.S. C.E. TAG

Fd WIRE SPK.
IN ROCK OUTCROPPING
PER F.B. 2691-235

59'

AVE 179° per F.B. 2691-235

203.91

92° 12' 10"
43"
16" ADJ.

"P"

PER F.B. 2691-235
156.66
266.58'
PER F.B. 2691-235

PG 188 (50)

TO RET

(50)

PG 196

TO LEFT

(10)

92° 12' 10"
368 48 40
92 12 10 ✓
93 13 00
92 12 10 ✓

1/4 SEC. COR.
Fd C.S. MON FL.
PER CS 8733
F.B. 2691-235 ✓
MKED 7

COUNTY T 6 N SURVEYOR
R 9 W 17
RE 2177 20
1/4 SEC. COR.
MONUMENT

155 TH

(40) (40)

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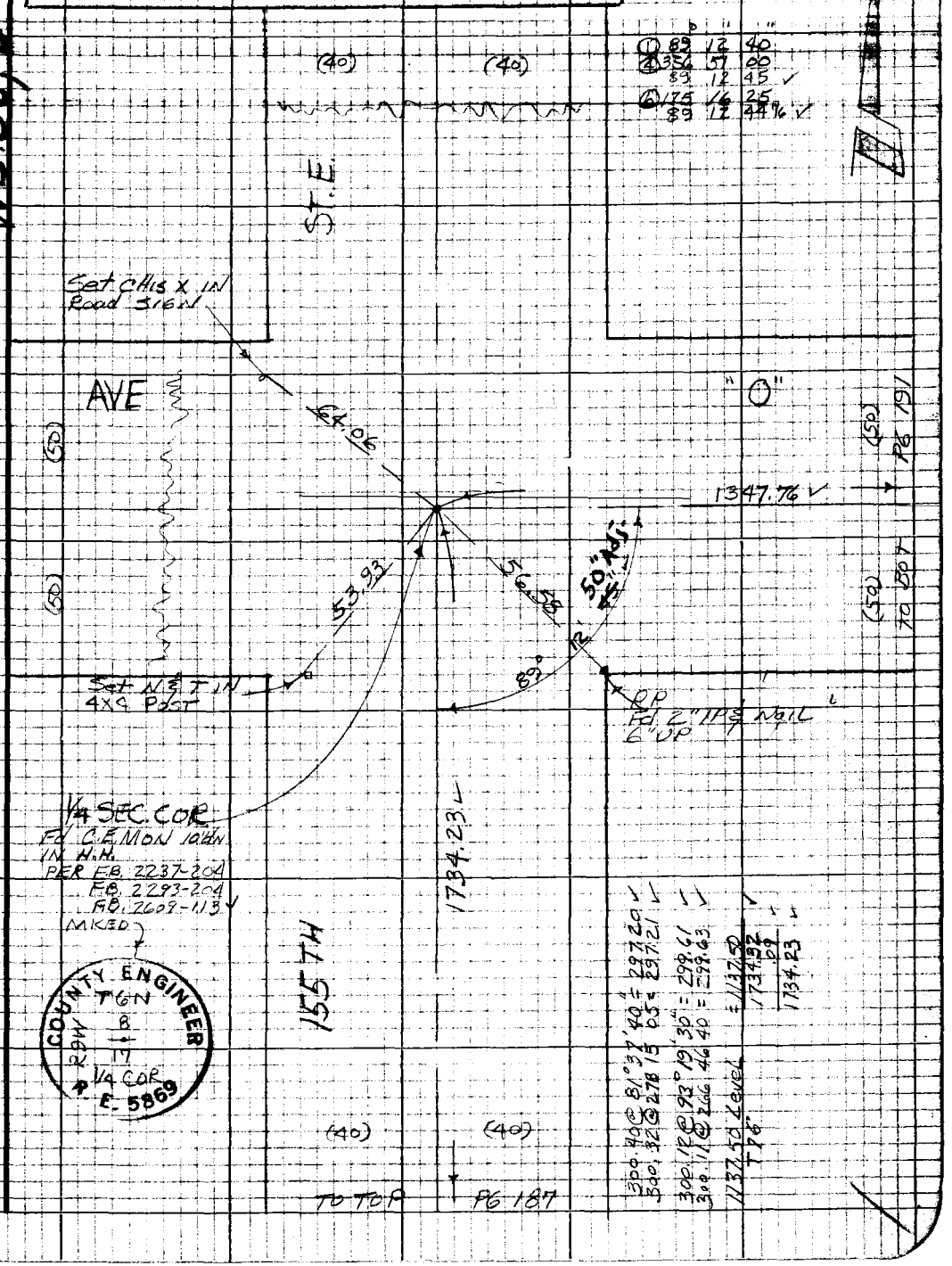
2 of 99 SM

Notes Ck'd by W. EDMONDSON	Survey of 160TH ST E
Map No. B-5166	JN 0097.70 Tape 10 Std 84 °F
Office Work B. TABATA	Surveyed by JSG
Checked W. EDMONDSON	Notes HCH Date MAY 71
Date MAY 5 '72	Indexed G. L. GALLI JUL 26 '71

F.B. 1680 Pg. 185



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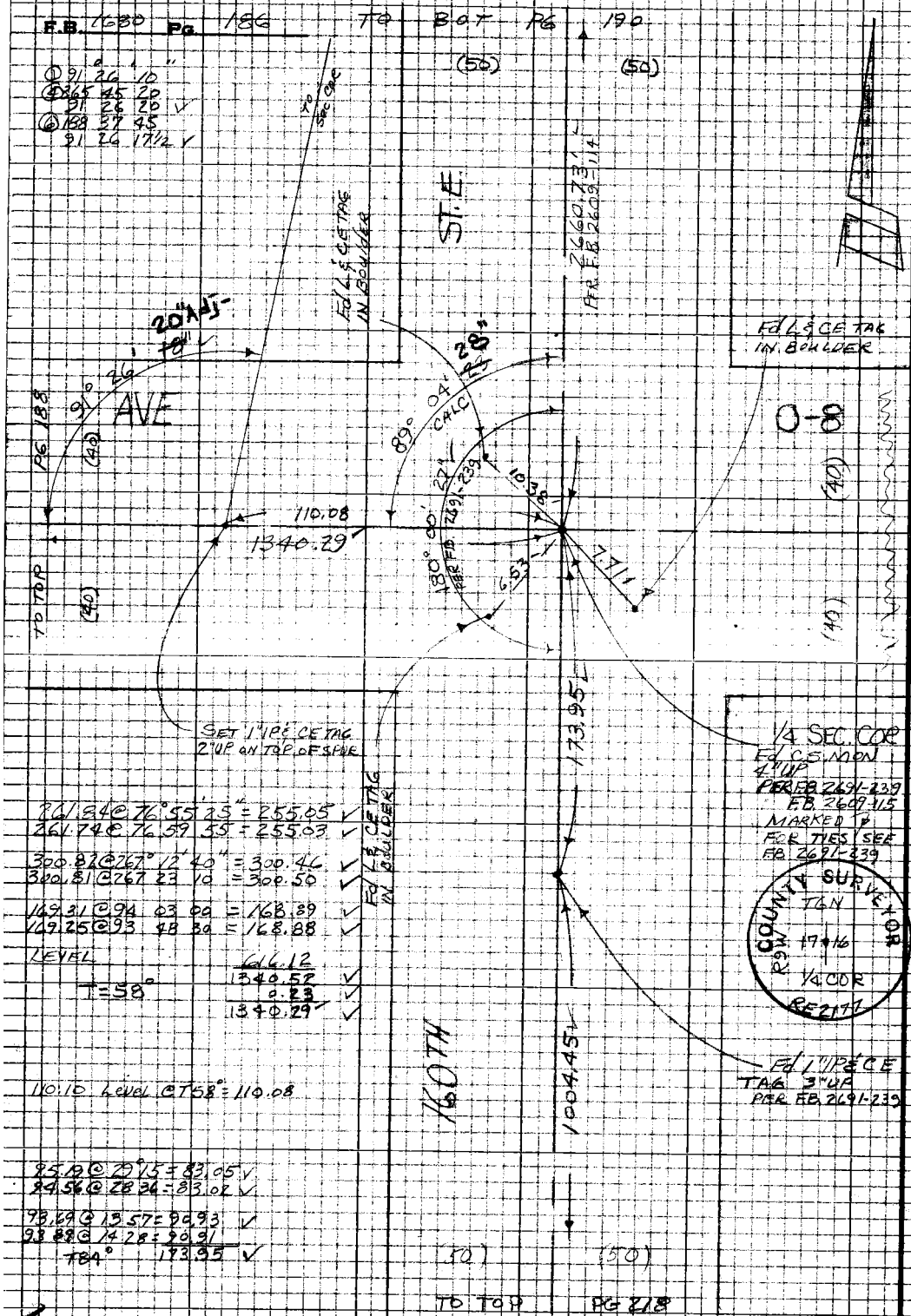
76P3098 CE #310 5-66

F.B. 1680 PG. 186 TO BOT PG 190



261.84 @ 76° 55' 25" = 255.05 ✓
261.74 @ 76 59 55 = 255.03 ✓

300.82 @ 267° 12' 40" = 300.46 ✓
300.81 @ 267 23 10 = 300.50 ✓

169.31 @ 94 03 00 = 168.89 ✓
169.25 @ 93 48 30 = 168.88 ✓

LEVEL 616.12
1340.52 ✓
T = 58° 0.23 ✓
1340.29 ✓

110.10 Level @ T58° = 110.08

95.19 @ 29° 15 = 83.05 ✓
94.56 @ 28 36 = 83.02 ✓

93.69 @ 13 57 = 90.93 ✓
93.88 @ 14 28 = 90.91
T84° 173.95 ✓

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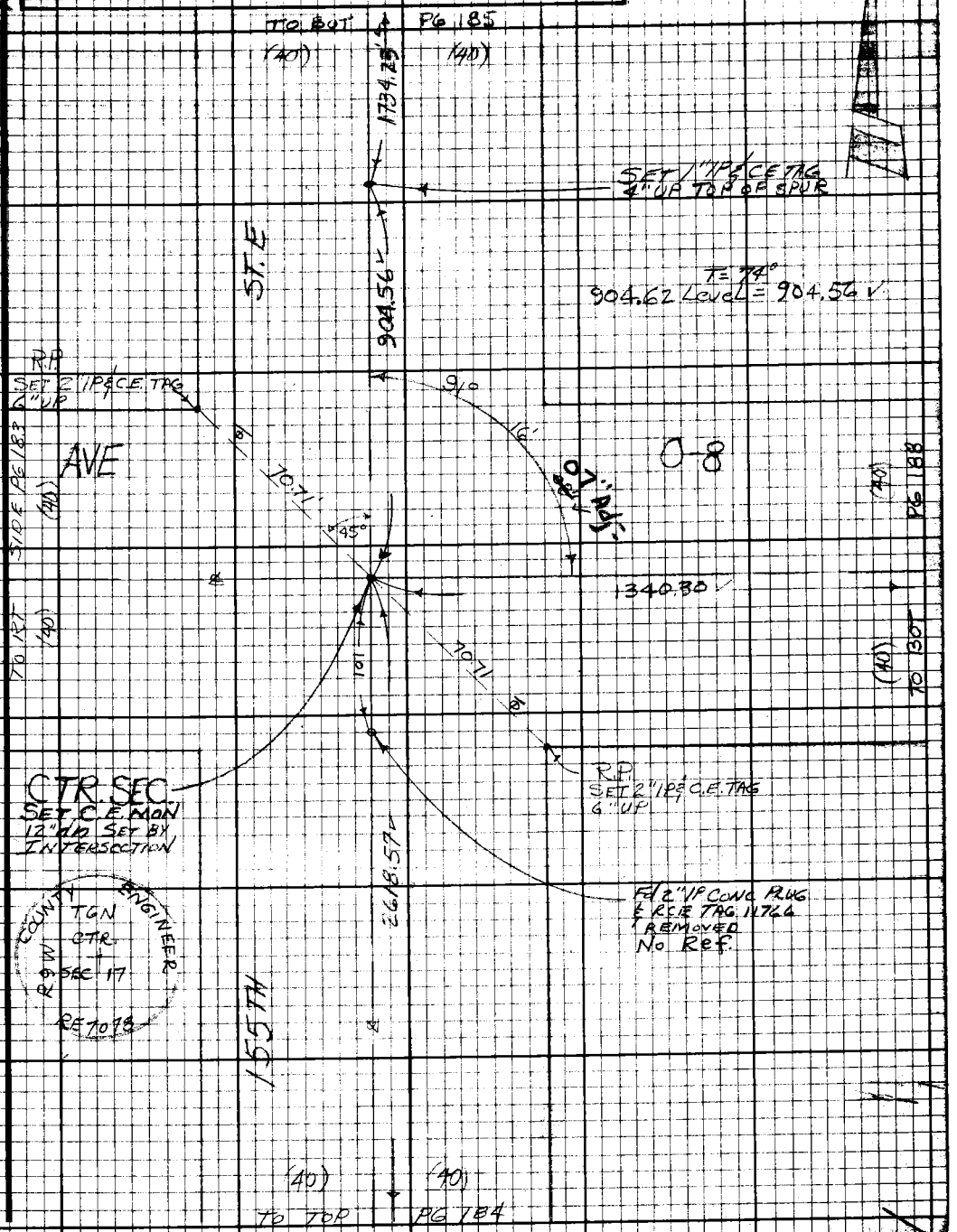
WS 66 D-2

Notes Ck'd by W. EDMONDSON	Survey of 160TH ST E
Map No. B-5166	JN 0097.70 Tape 10 Std 84°F
Office Work B. TABATA	Surveyed by JSC
Checked W. EDMONDSON	Notes NCH Date MAY 71
Date MAY 5 '72	Indexed [illegible] JUL 26 '71

F.B. 1680 Pg 187

①	91°	16'	00"
④	05	04	35
	91	16	08¾
⑥	187	36	50
	91	16	08½

W5 GE, D-2



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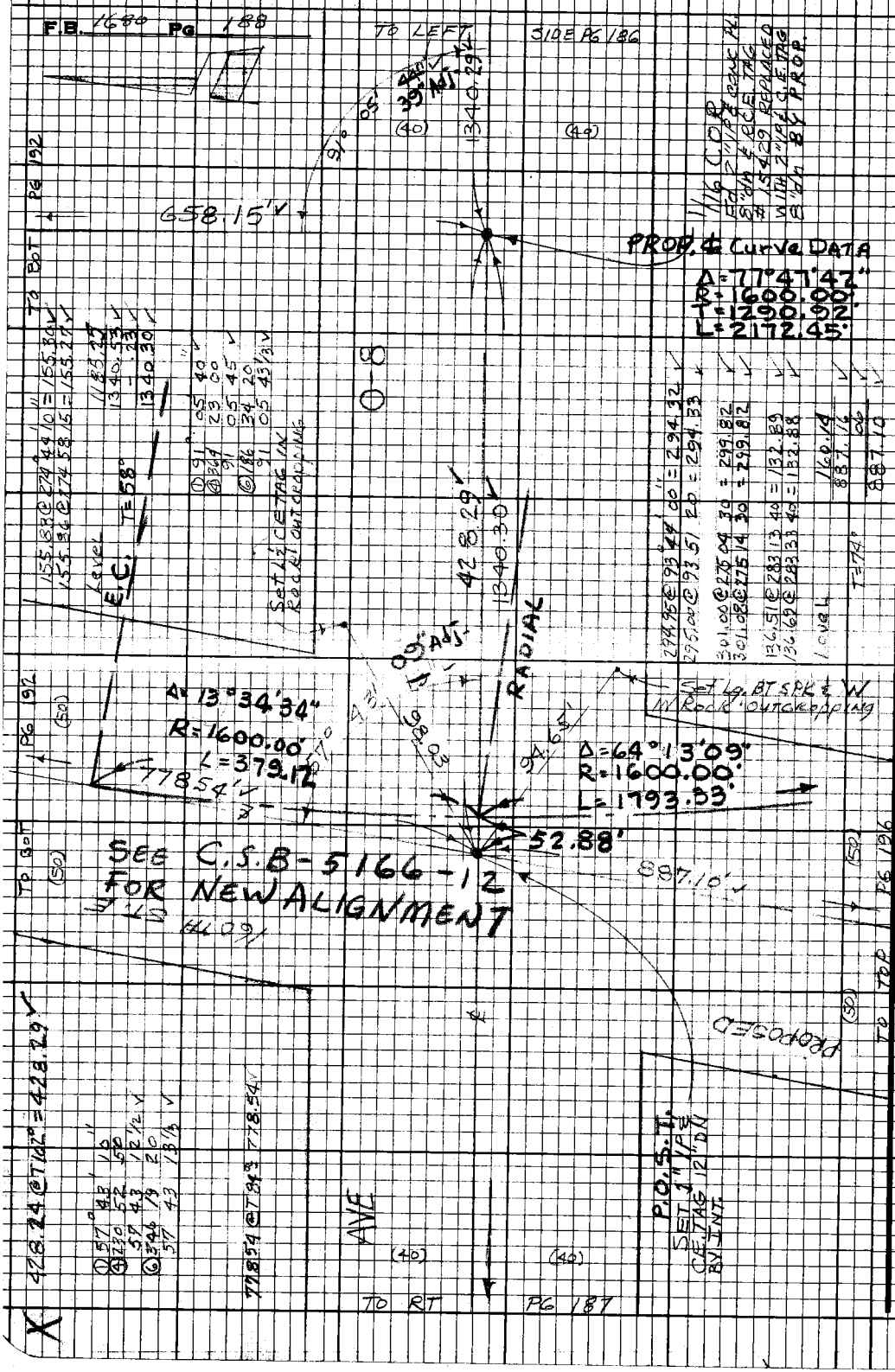
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9.67



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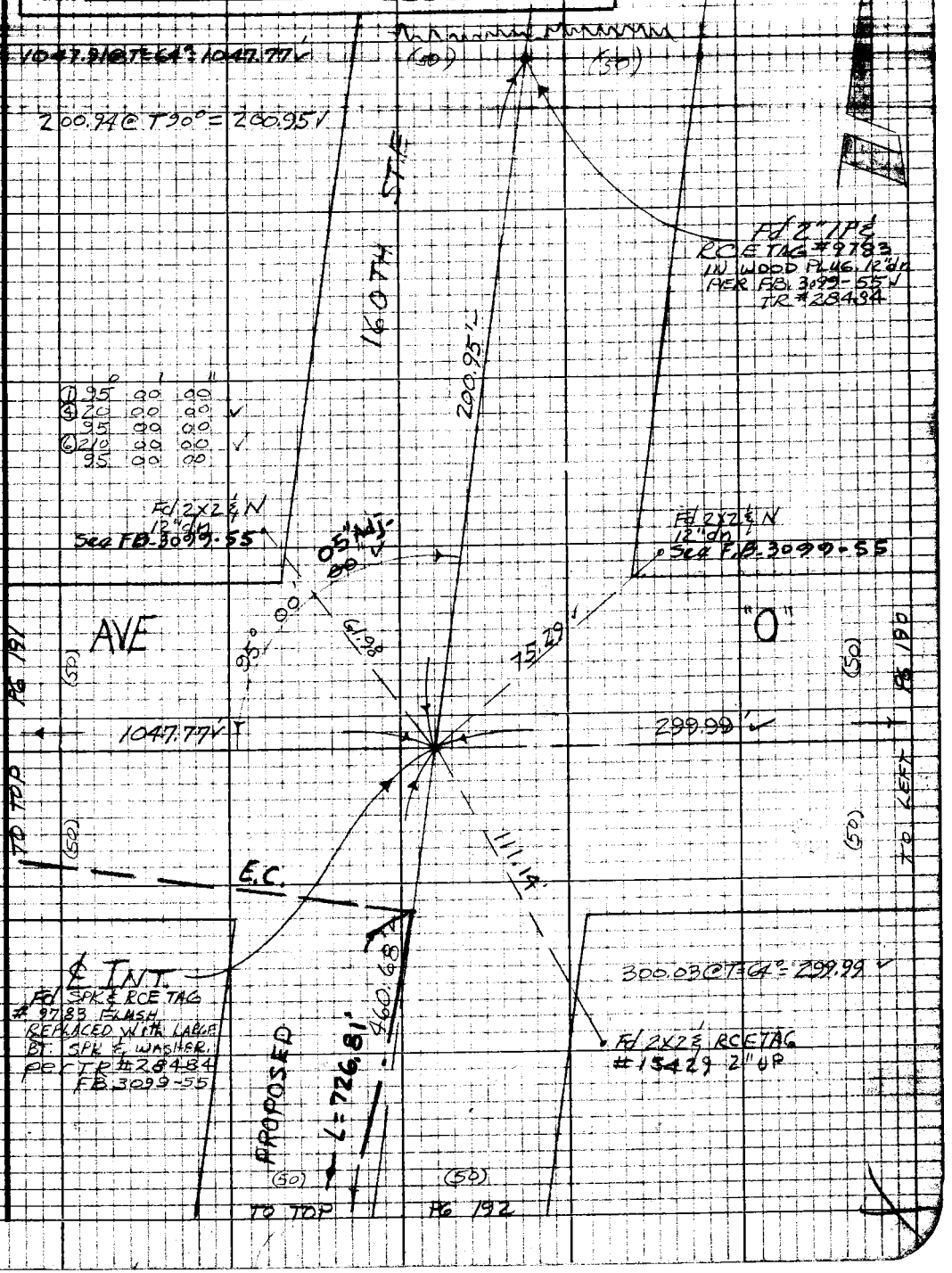
Notes Ck'd by W. EDMONDSON	Survey of 160TH ST. E	F.B. 1680	Pg. 189
Map No. B-5166	JN 0097.70 Tape 10 Std 84°F		
Office Work B. TABATA	Surveyed by JSG		
Checked W. EDMONDSON	Notes H.C.H. Date MAY 71		
Date MAY 5 '72	Indexed G. L. GALLI JUL 26 71		



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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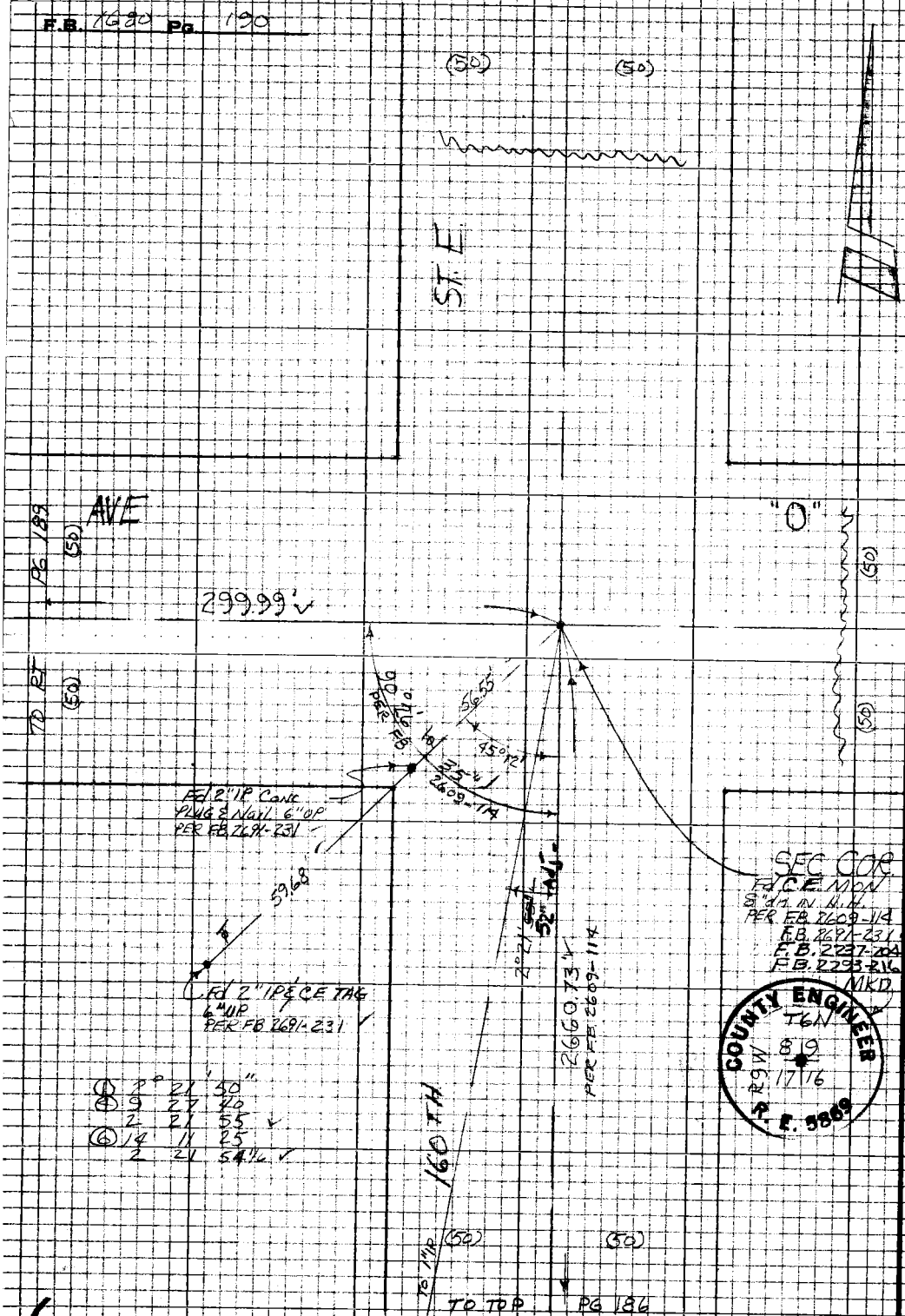
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

F.B. 1680 Pg. 190



①	2°	21'	50"
④	9	27	40
	2	21	55
⑥	14	11	25
	2	21	54½

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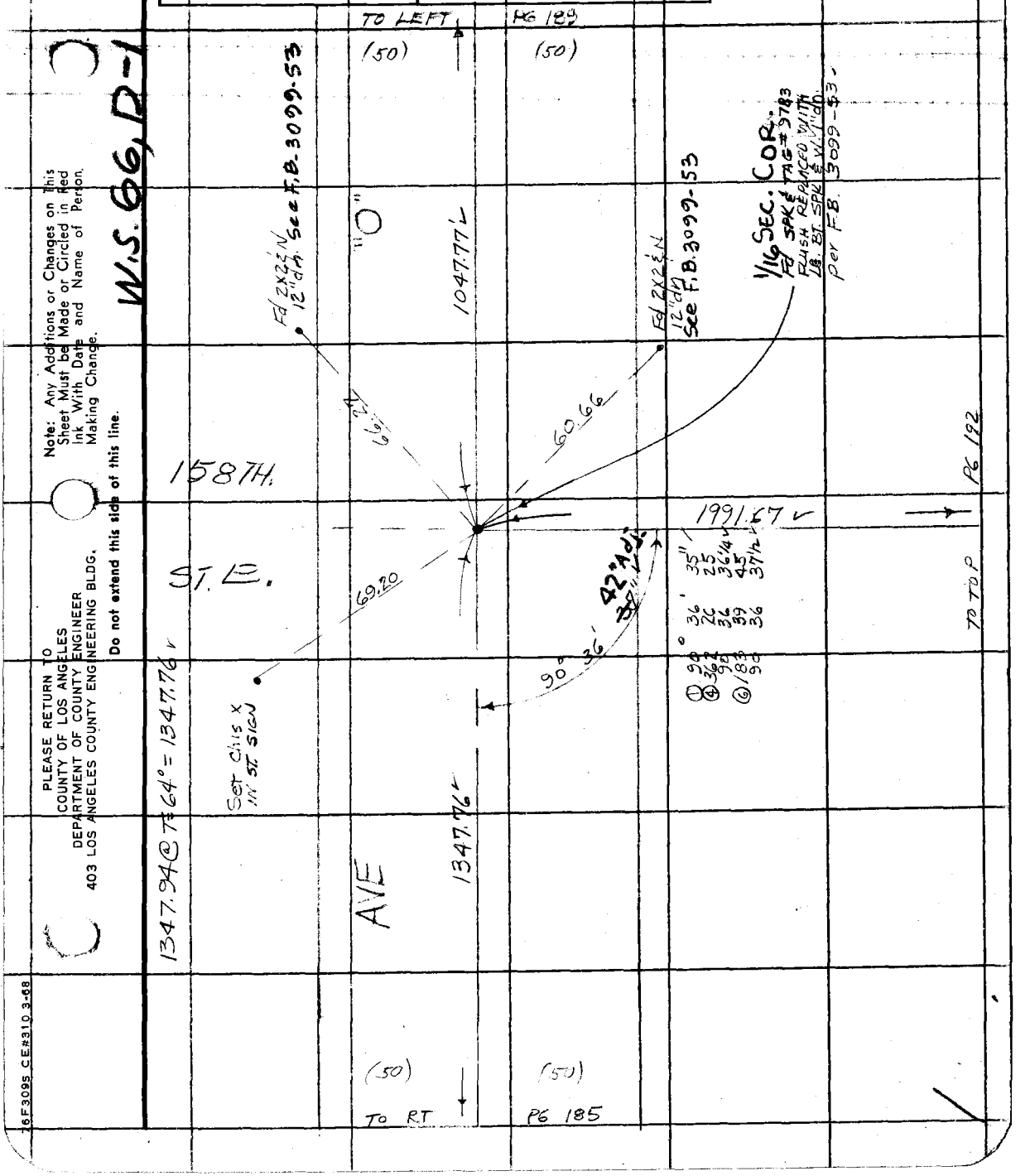
MS66 D-1

Notes Ck'd W. EDMONDSON	Survey of 160TH ST. E
Map No. B-5166	JN0097.70 Tape 10 Std 84 °F
Office Work B. TABATA	Surveyed by JSC
Checked W. EDMONDSON	Notes HCH Date 6-71
Date MAY 5 '72	Indexed L. L. GALLI JUL 26 '71

F. B. 1680 PG. 191



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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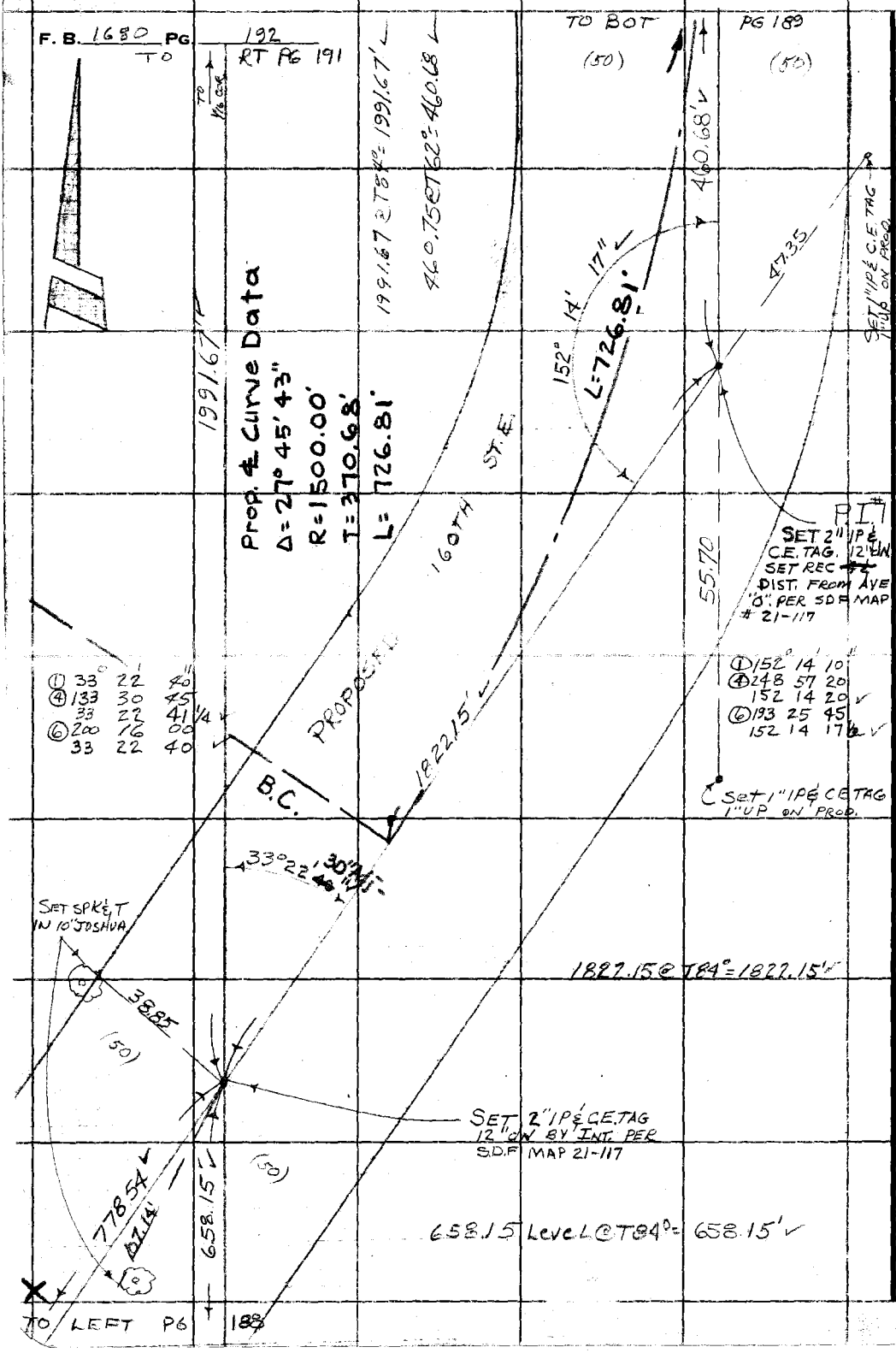
76F309S CE#310 3-68



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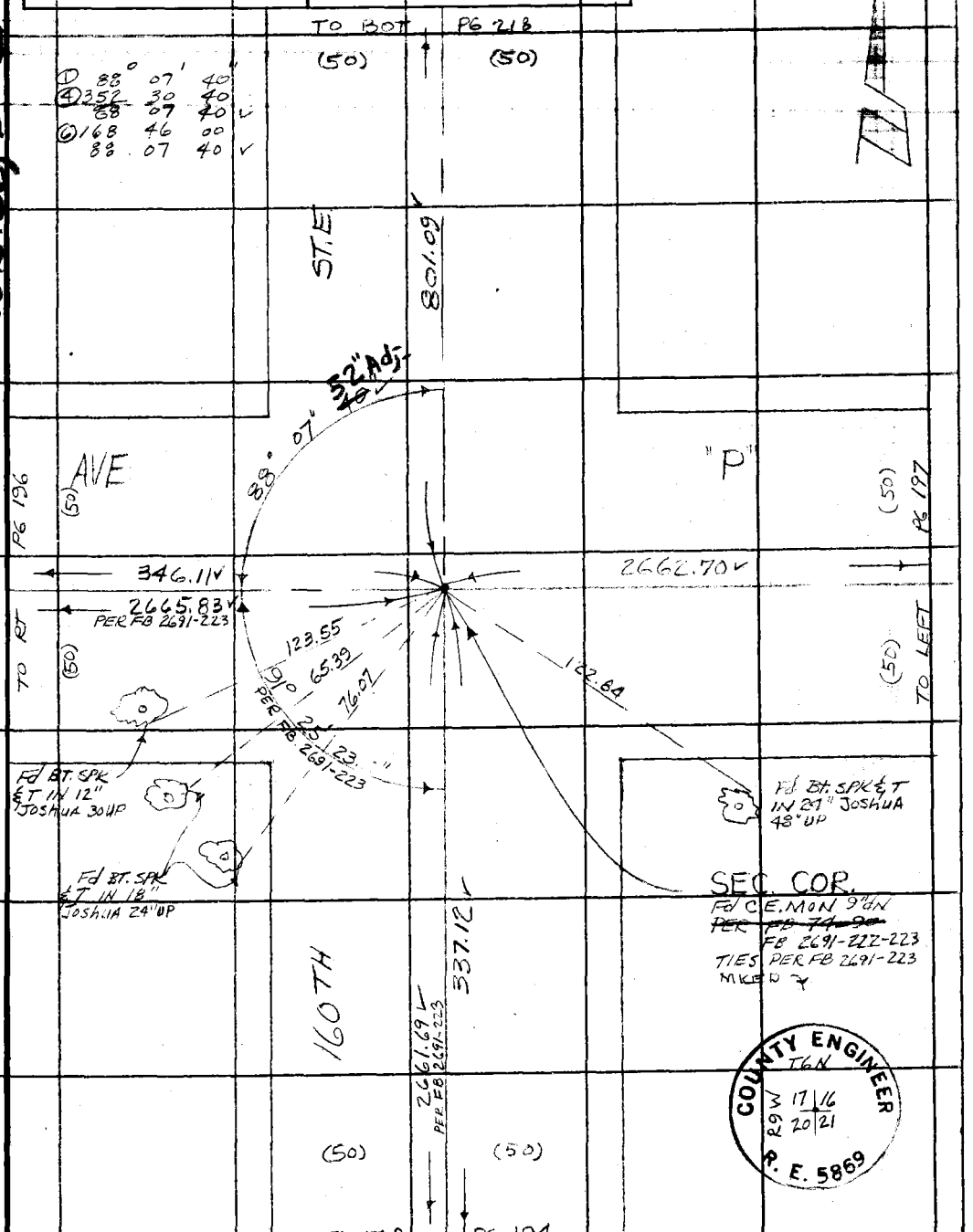
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd W. EDMONDSON	Survey of 160TH ST. E
Map No. B-5166	JN 0097.70 Tape 10 Std 34 °F
Office Work B. TABATA	Surveyed by JSC
Checked W. EDMONDSON	Notes HCH Date 6-71
Date MAY 5 '72	Indexed G. J. GALL JUL 26 '71

F. B. 1680 PG. 193

W.S. 66, D-2



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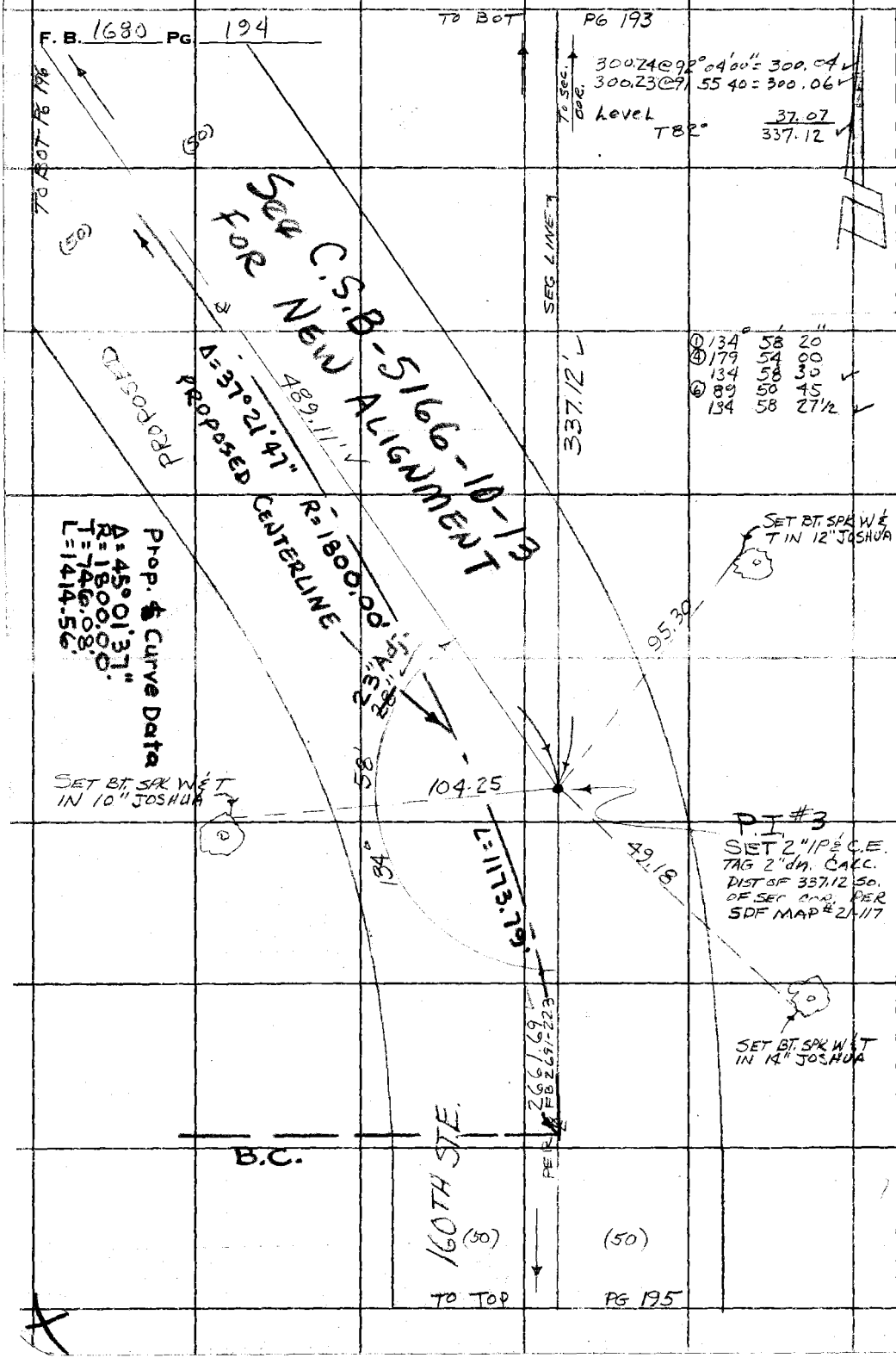
76F309S CE#310 3-68



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Notes Ck'd W. EDMONDSON	Survey of 160TH ST. E
Map No. B-5166	JN 0097.70 Tape 10 Std 24 °F
Office Work B. TABATA	Surveyed by JSC
Checked W. EDMONDSON	Notes HCH Date 6-71
Date MAY 5 '72	Indexed J. GAENS JUL 26 '71

F. B. 168 PG. 195

W.S. 66, D-2

TO BOT PG 134

(50) (50)

ST. E

Fd BT SPK & T IN 20" JOSHUA 12" UP

Fd BT. SPK & T IN 18" JOSHUA 12 UP

2661.69' PER FB 2691-223

Fd CH/S X IN ST. POST

141.67

72.79

75.45

AVE

P-8

(50)

180°00'07" PER FB 2691-225

131.45

Fd BT. SPK & T IN 15" JOSHUA 48" UP

1/4 SEC. COR.
Fd C.S. MON. 16" dn.
PER CS 8733
FB 2691-225
FB 536-264
MKED

COUNTY SURVEYOR
T6N
R9W
20+21
1/4 COR
RE2177

2661.74' PER FB 2691-225

160TH

(50) (50)

TO TOP PG 201

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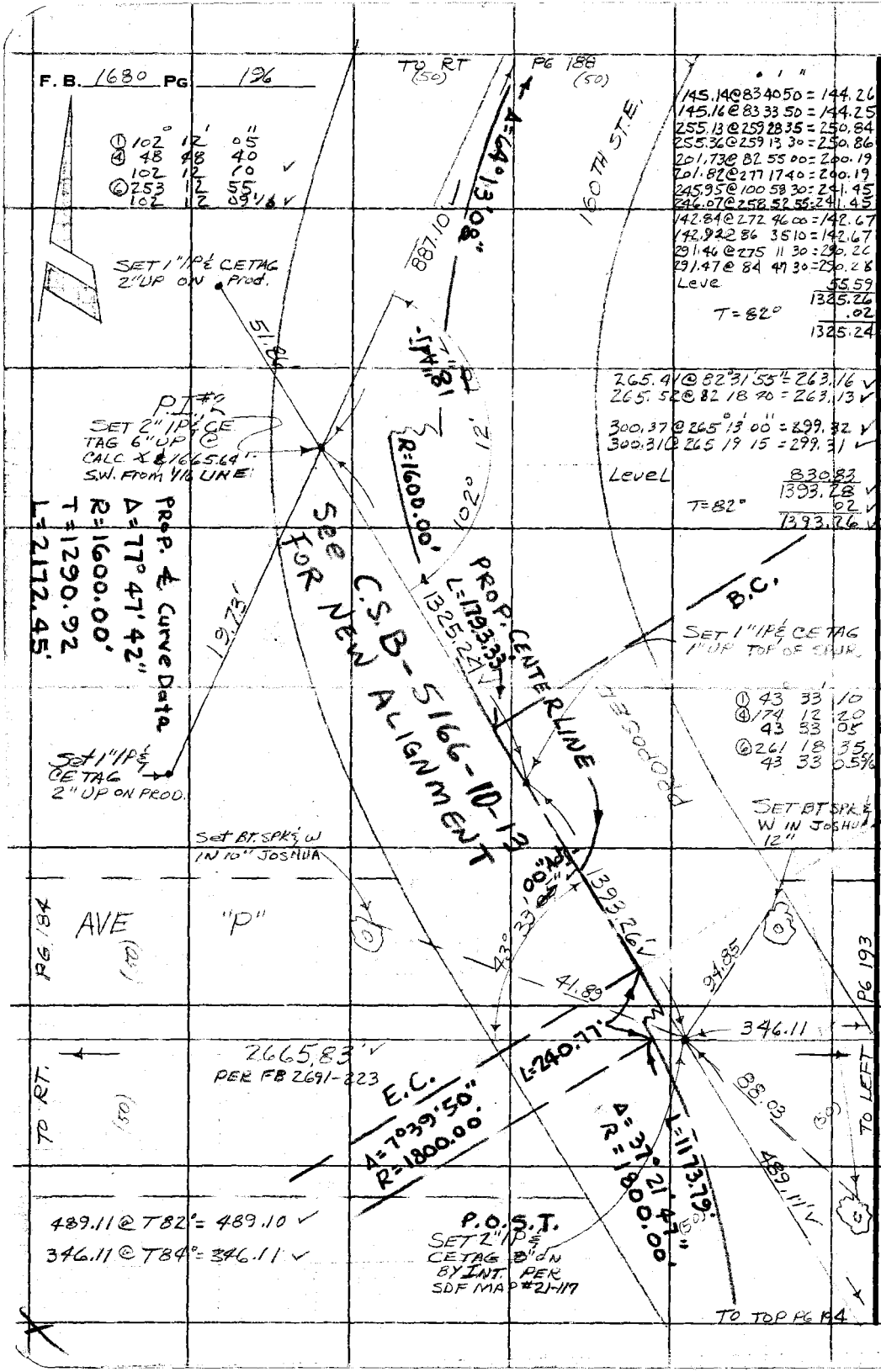
76F3095 CE#310 3-68


F. B. 1680 PG 196
TO RT (50)
PG 188 (50)
160TH ST. E.
Δ=64°13'08"
887.10
SET 1" IP & CE TAG 2" UP ON Prod.
51.86
P.I. #2
SET 2" IP & CE TAG 6" UP @ CALC. ∡ & 1665.64' S.W. FROM 1/16 LINE
R=1600.00'
102°
12'
PROP. ℄ Curve Data
Δ=77°47'42"
R=1600.00'
T=1290.92
L=2172.45'
See FOR NEW ALIGNMENT
C.S.B-5166-10-13
PROP. CENTERLINE
L=1793.33'
1325.24'
19.73'
B.C.
SET 1" IP & CE TAG 1" UP TOP OF SPUR
PROPOSED
Set 1" IP & CE TAG 2" UP ON PROD.
Set BT. SPK & W IN 10" JOSHUA
SET BT SPK & W IN JOSHUA 12"
AVE "P"
PG 184
43°33'00"
1393.26'
41.89
94.85
PG 193
346.11
2665.83'
PER FB 2691-223
L=240.77'
E.C.
Δ=7°39'50"
R=1800.00'
Δ=37°21'47"
R=1800.00'
L=1173.79'
88.03
489.11'
TO RT.
TO LEFT
489.11 @ T82° = 489.10
346.11 @ T84° = 346.11
P.O.S.T.
SET 2" IP & CE TAG 8" ON BY INT. PER SDF MAP #21-117
TO TOP PG 194
145.14 @ 83 40 50 = 144.26
145.16 @ 83 33 50 = 144.25
255.13 @ 259 28 35 = 250.84
255.36 @ 259 13 30 = 250.86
201.73 @ 82 55 00 = 200.19
201.82 @ 277 17 40 = 200.19
245.95 @ 100 58 30 = 241.45
246.07 @ 258 52 55 = 241.45
142.84 @ 272 46 00 = 142.67
142.92 @ 86 35 10 = 142.67
291.46 @ 275 11 30 = 290.26
291.47 @ 84 47 30 = 290.28
Level 55.59
1325.26
T=82° .02
1325.24
265.41 @ 82°31'55" = 263.16
265.52 @ 82 18 40 = 263.13
300.37 @ 265°13'00" = 299.32
300.31 @ 265 19 15 = 299.31
Level 830.83
1393.28
T=82° .02
1393.26
① 43 33 10
④ 174 12 20
43 33 05
⑥ 261 18 35
43 33 05
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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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 W. EDMONDSON	Survey of 160TH ST. E
Map No. B-5166	JN 0097.70 Tape 10 Std 84 °F
Office Work B. TABATA	Surveyed by JSC
Checked W. EDMONDSON	Notes HCF Date 6-71
Date MAY 5 '72	Indexed E. J. GALLI JUL 26 '71

F. B. 1680 Pg. 197

W.S. 66, D-2

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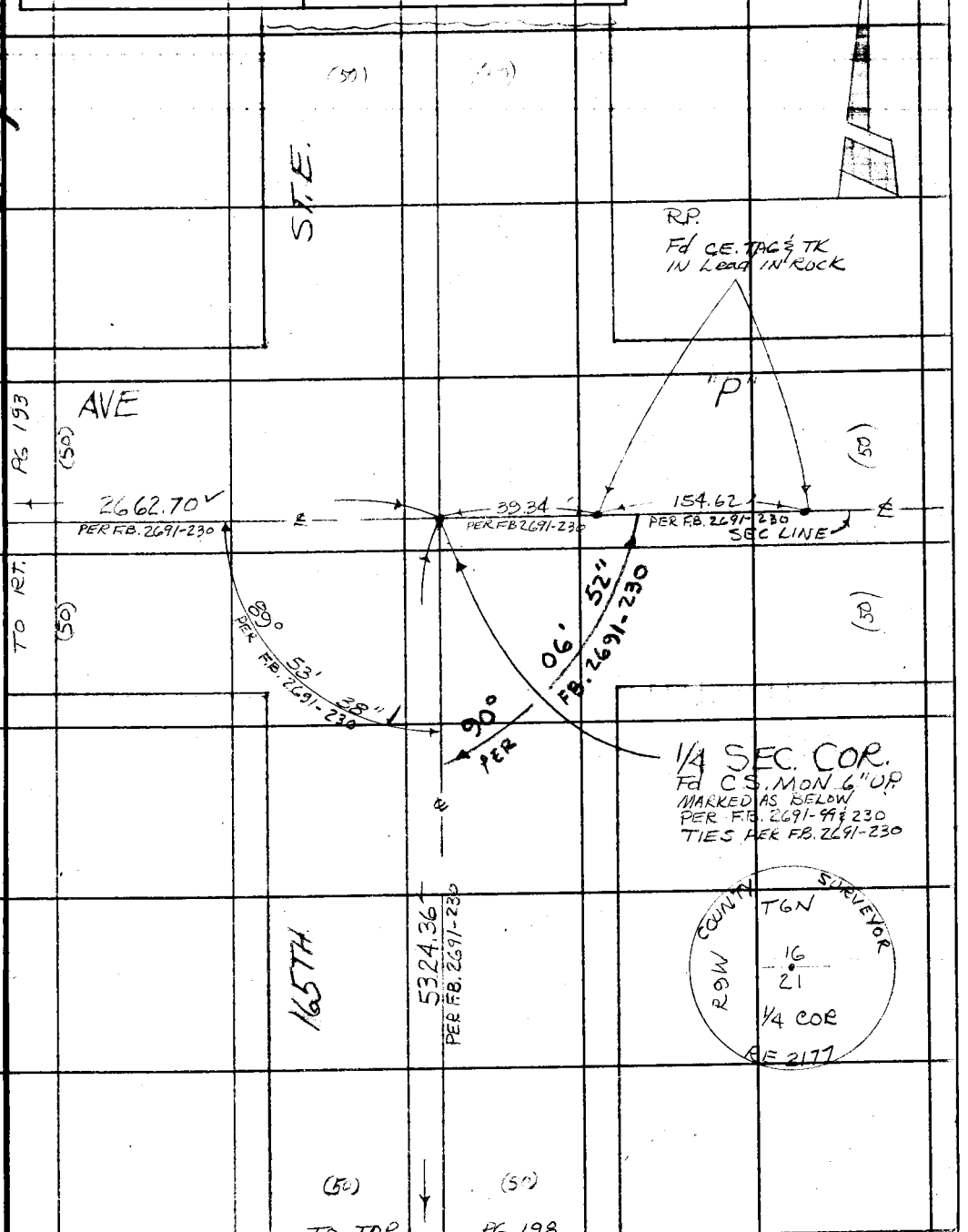
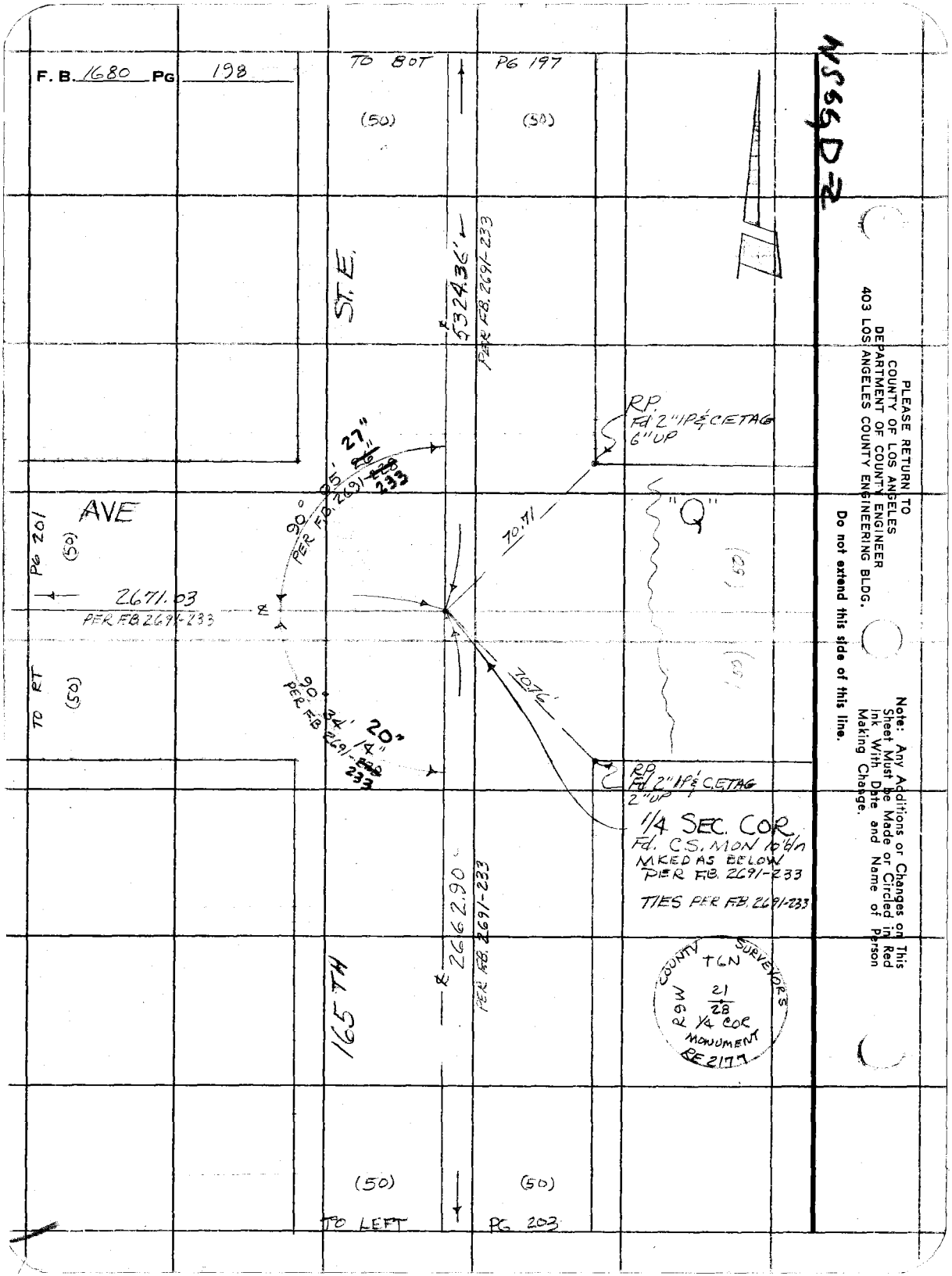


76F309S CE#310 3-68


F. B. 1680 PG 198
TO BOT
PG 197
(50)
(50)
ST. E.
5324.36'
PER F.B. 2691-233
RP.
Fd 2" IP & C.E. TAG
6" UP
27"
90° 95'
PER F.B. 2691-233
AVE
PG 201
(50)
2671.03
PER F.B. 2691-233
70.71
"Q"
(50)
(50)
TO RT
(50)
90° 34'
20"
PER F.B. 2691-233
70.76'
RP
Fd 2" IP & C.E. TAG
2" UP
1/4 SEC. COR.
Fd. C.S. MON 10' b/n
MKED AS BELOW
PER F.B. 2691-233
TIES PER F.B. 2691-233
2662.90
PER F.B. 2691-233
165 TH
COUNTY SURVEYORS
T6N
R9W
21
28
1/4 COR
MONUMENT
RE 2177
(50)
(50)
TO LEFT
PG 203
PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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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 W. EDMONDSON	Survey of 160TH ST.E
Map No. B-5166	JN 0097.70 Tape 10 Std 84 °F
Office Work B. TABATA	Surveyed by JSC
Checked W. EDMONDSON	Notes HCH Date 6-71
Date MAY 5 '72	Indexed C. J. GALL JUL 26 '71

F. B. 1680 PG. 177

W.S.66 D-2

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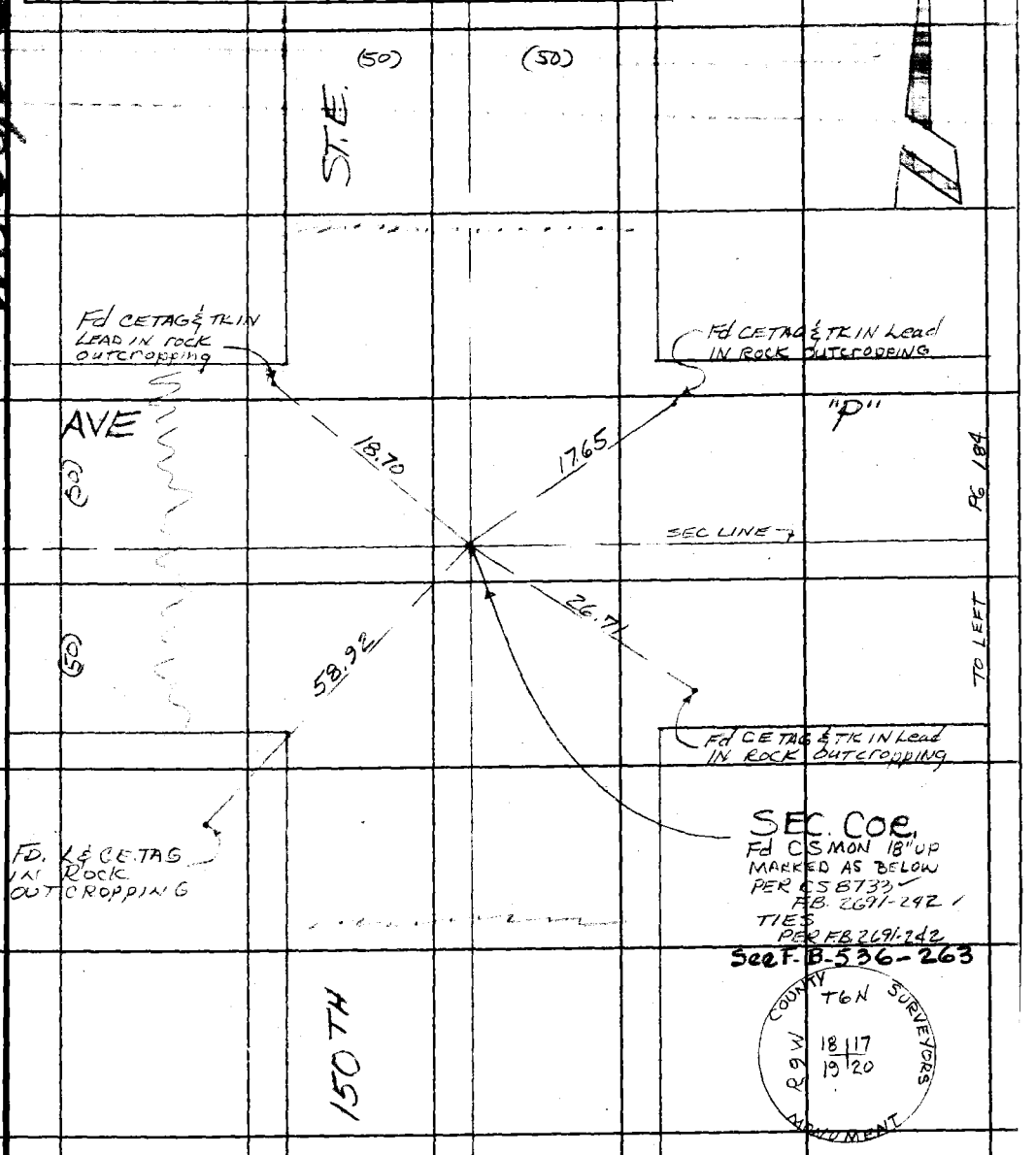

76F3095 CE#310 3-68

F. B. 1680 PG. 200

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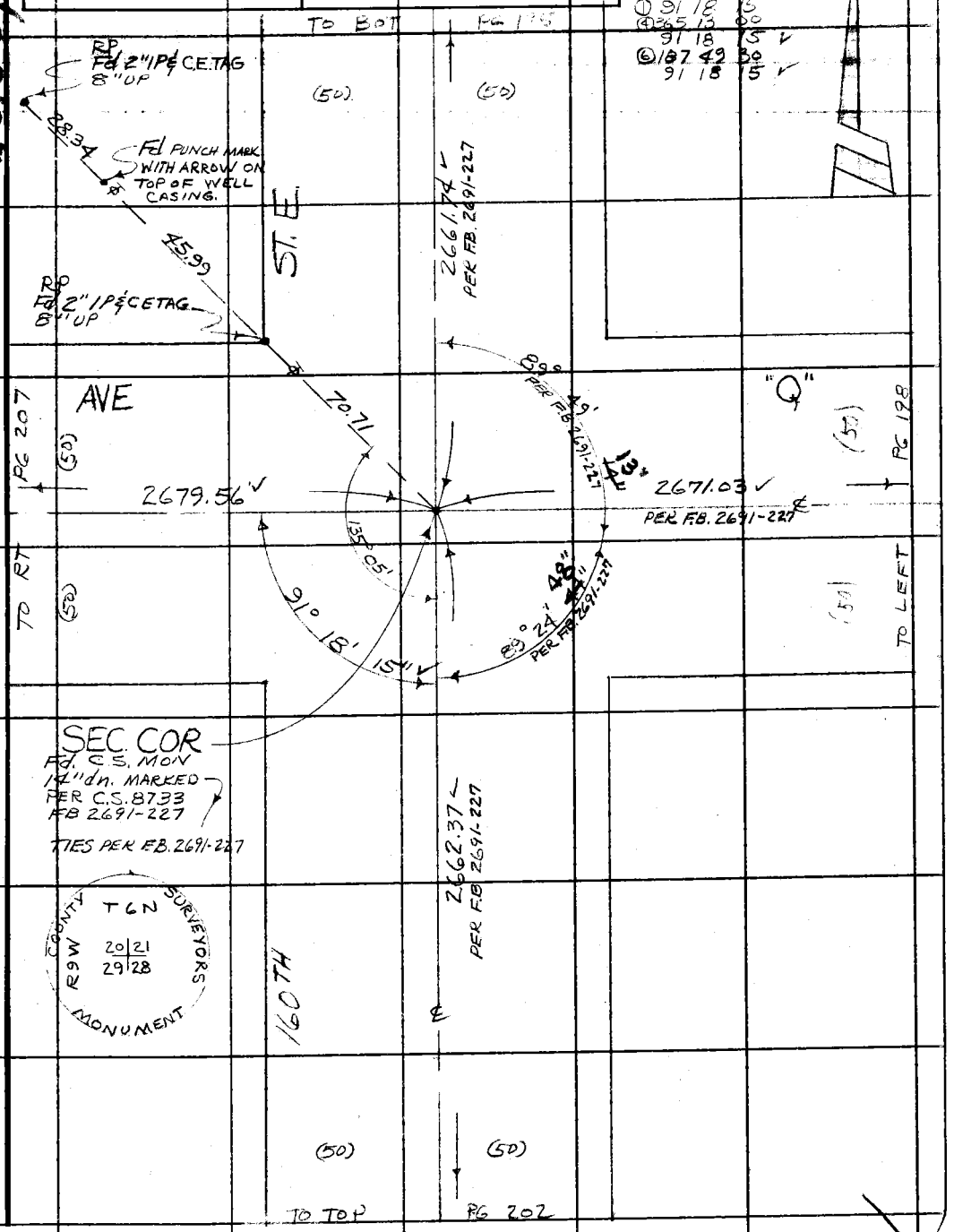
E-D 695

W.S.66, D-2

Notes Ck'd by W. EDMONDSON	Survey of 160 1H ST.E.
Map No. B-5166	JN 0097.70 Tape 10 Std 84 °F
Office Work B. TABATA	Surveyed by JSC
Checked W. EDMONDSON	Notes HCH Date 6-71
Date MAY 5 '72	Indexed G. J. GALLI JUL 26 '71

F. B. 1680 PG. 201



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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DEPARTMENT OF COUNTY ENGINEER
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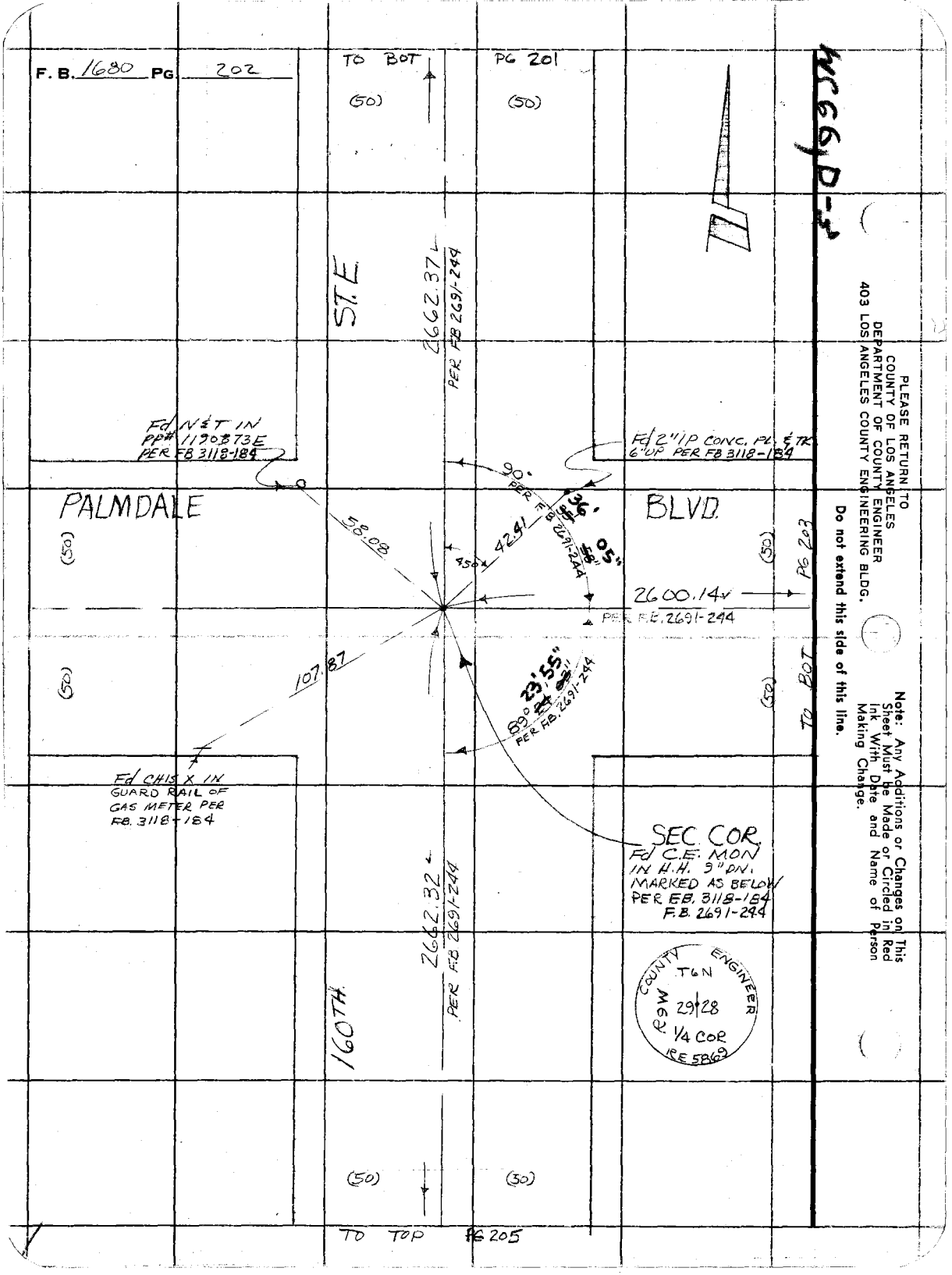
76F309S CE#310 3-68



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76F3095 CE#310 3-68

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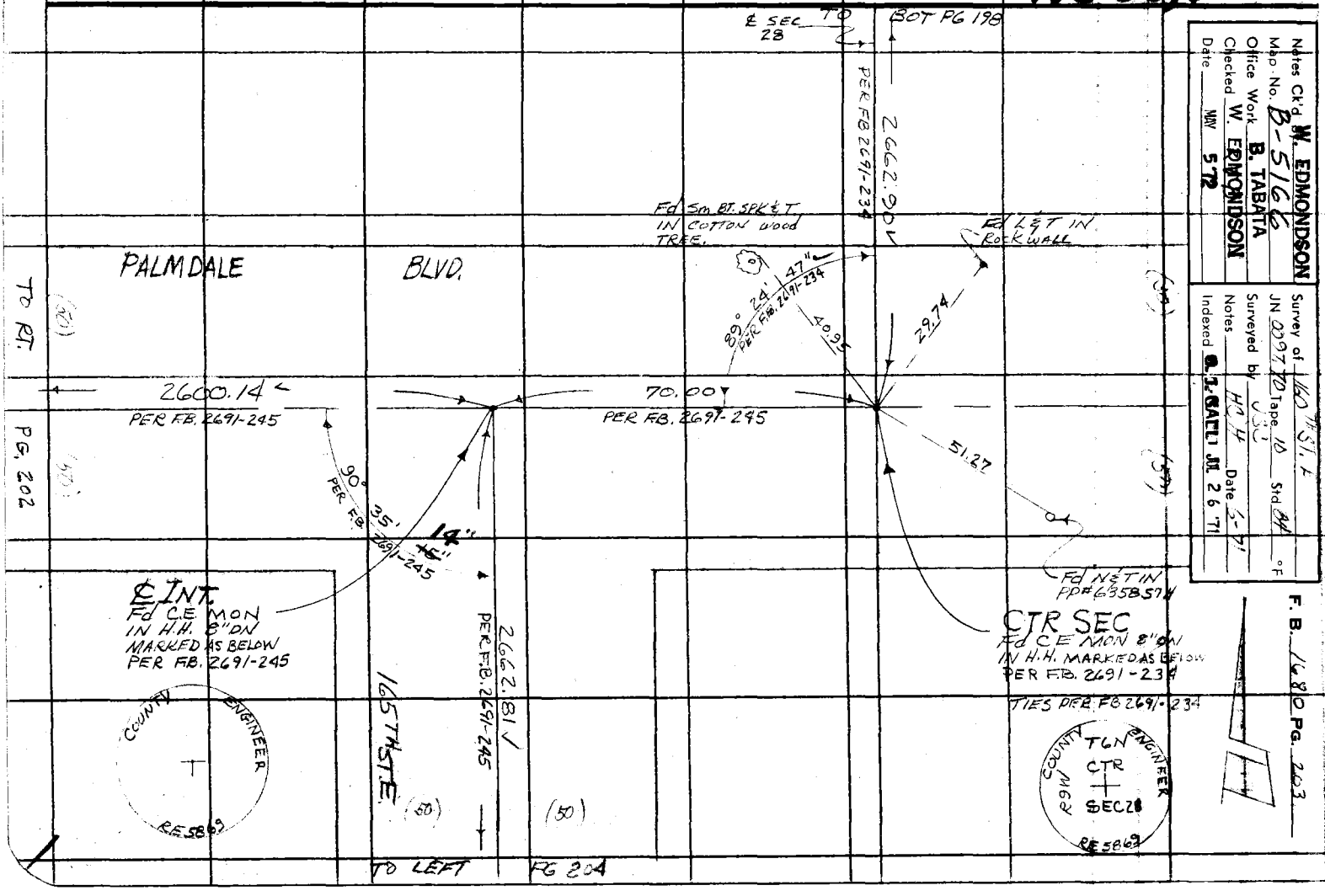
WS66, D-3



F. B. 1680 PG. 204

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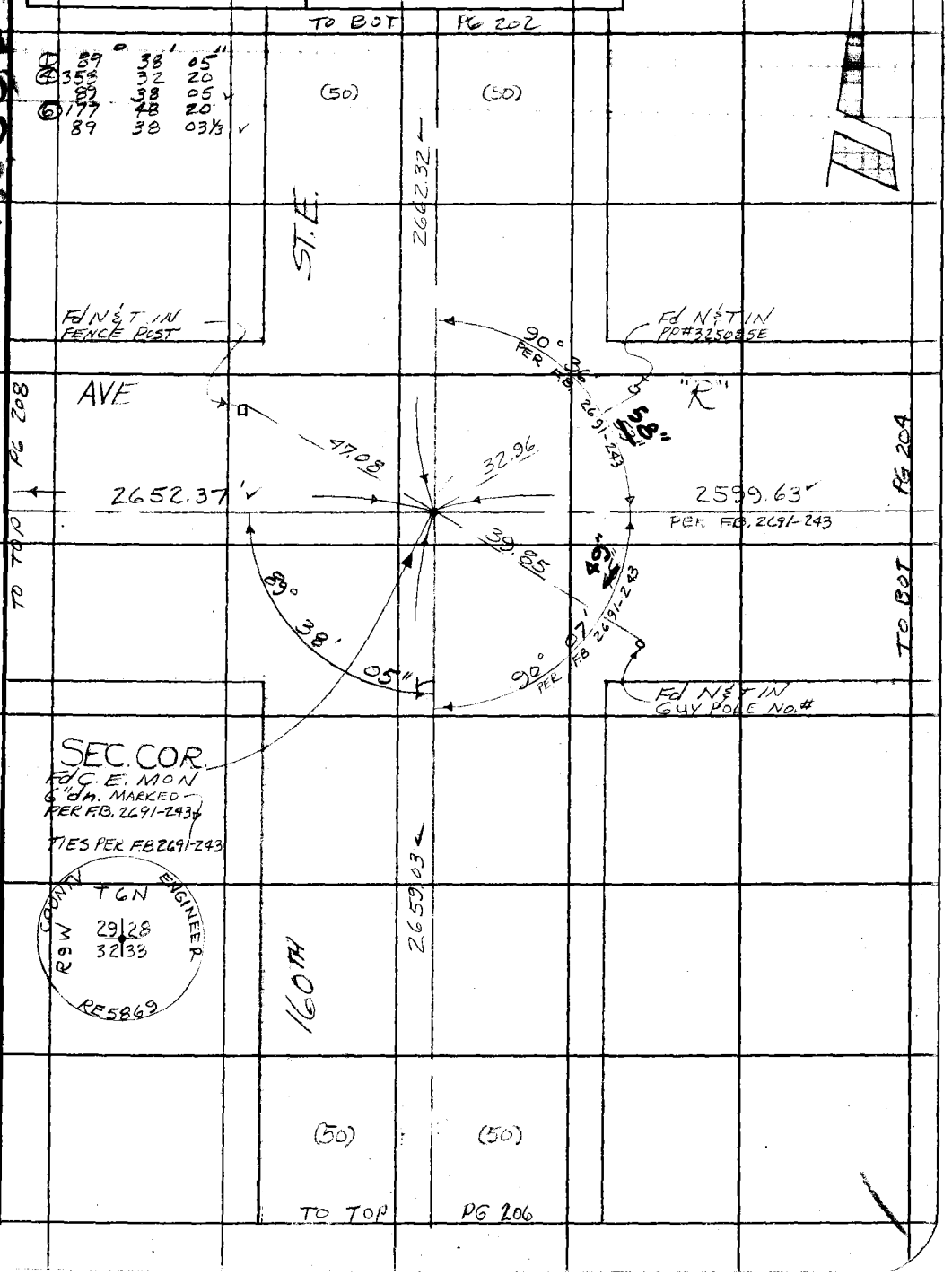
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd W. EDMONDSON	Survey of 160TH ST. E
Map No. B-5166	JN 0097.70 Tape 10 Std 84° °F
Office Work B. TABATA	Surveyed by JSC
Checked W. EDMONDSON	Notes HCH Date 6-71
Date MAY 5 '72	Indexed G. J. GALLI JUL 26 '71

F. B. 1680 PG. 205



WJ66 D-3

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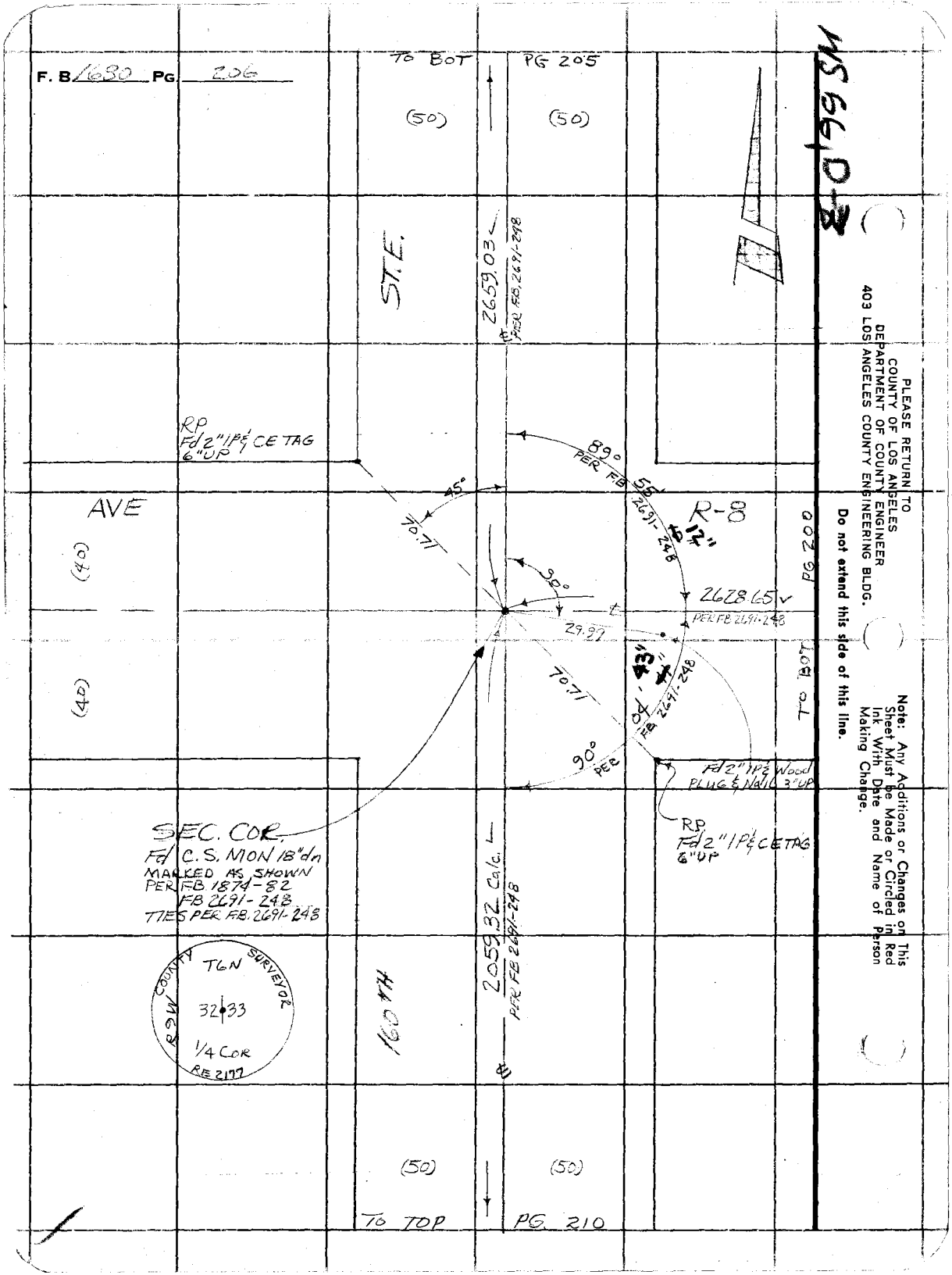
76F309S CE#310 3-68

F. B. 1680 PG. 206



PLEASE RETURN TO
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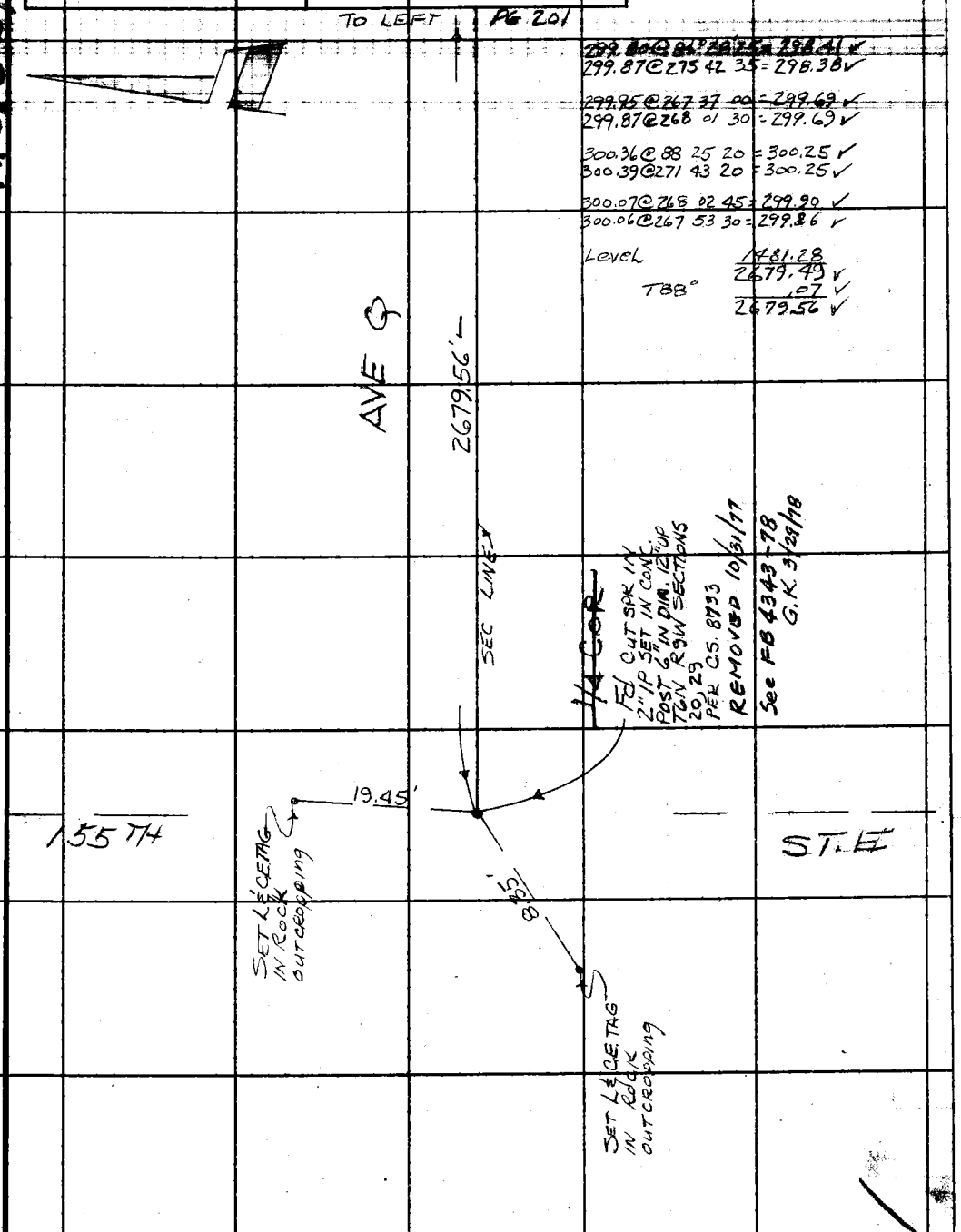
Notes Ck'd W. EDMONDSON	Survey of 160TH ST. E	F. B. 1680 PG. 207
Map No. B-5166	JN 0097.70 Tape 10 Std 24 °F	
Office Work B. TABATA	Surveyed by JSC	
Checked W. EDMONDSON	Notes HCH Date 6-71	
Date MAY 5 '72	Indexed G. J. GALLI JUL 26 '71	

W.S.66, D.2



299.80@86°28'25 = 298.41 ✓
299.87@275 42 35 = 298.38 ✓

299.95@267 37 00 = 299.69 ✓
299.87@268 01 30 = 299.69 ✓

300.36@88 25 20 = 300.25 ✓
300.39@271 43 20 = 300.25 ✓

300.07@268 02 45 = 299.90 ✓
300.06@267 53 30 = 299.86 ✓

Level 1481.28
2679.49 ✓
T88° .07 ✓
2679.56 ✓

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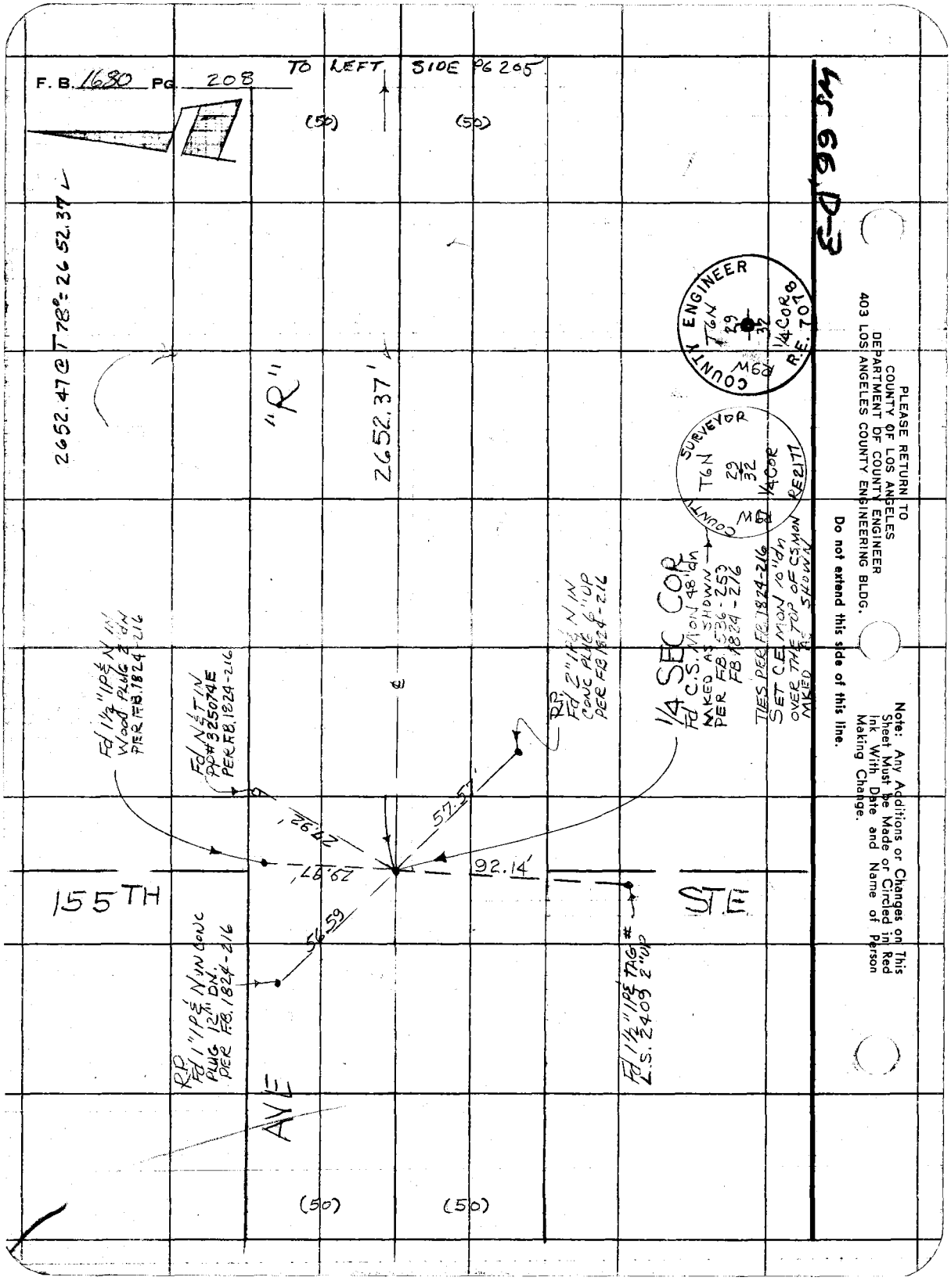
76F309S CE#310 3-69


F. B. 1680 PG. 208
TO LEFT SIDE PG 205
(50)
(50)
2652.47 @ T78° = 2652.37
"R"
2652.37'
COUNTY ENGINEER
T6N
29
32
1/4 COR
R9W
R.E. 7078
COUNTY SURVEYOR
T6N
29
32
1/4 COR
R9W
RE2177
1/4 SEC COR
Fd C.S. MON 48" dn
MKED AS SHOWN
PER FB. 536-253
FB 1824-216
TIES PER FB. 1824-216
SET C.E. MON 10" dn
OVER THE TOP OF C.S. MON
MKED AS SHOWN
Fd 1 1/2" IP & N IN
Wood PLUG 2" dn
PER FB. 1824-216
Fd N & T IN
PP# 325074E
PER FB. 1824-216
RP
Fd 2" IP & N IN
CONC PLUG 6" UP
PER FB 1824-216
57.57'
27.92'
29.87'
92.14'
155TH
ST.E
56.59
RP
Fd 1" IP & N IN CONC
PLUG 12" DN.
PER FB. 1824-216
Fd 1 1/2" IP & TAG #
L.S. 2409 2" UP
AVE
(50)
(50)
PLEASE RETURN TO
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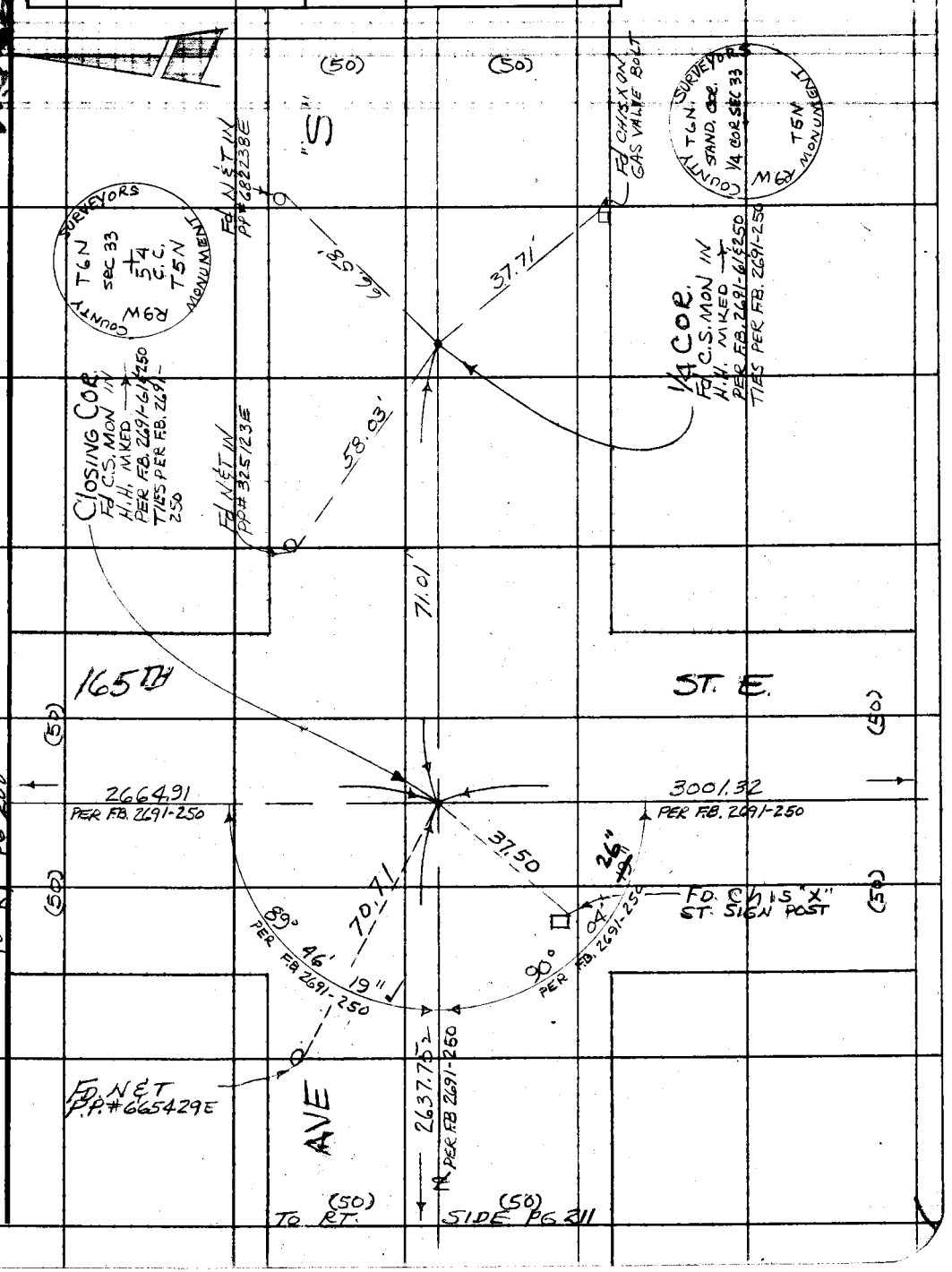
Notes Ck'd W. EDMONDSON	Survey of 160TH ST. E	F. B. 1680	PG. 209
Map No. B-5166	JN 0097.70 Tape 10 Std 34 °F		
Office Work B. TABATA	Surveyed by JSC		
Checked W. EDMONDSON	Notes HCH Date 6-71		
Date MAY 5 '72	Indexed G. J. GALLI JUL 26 '71		

W 566, D-3



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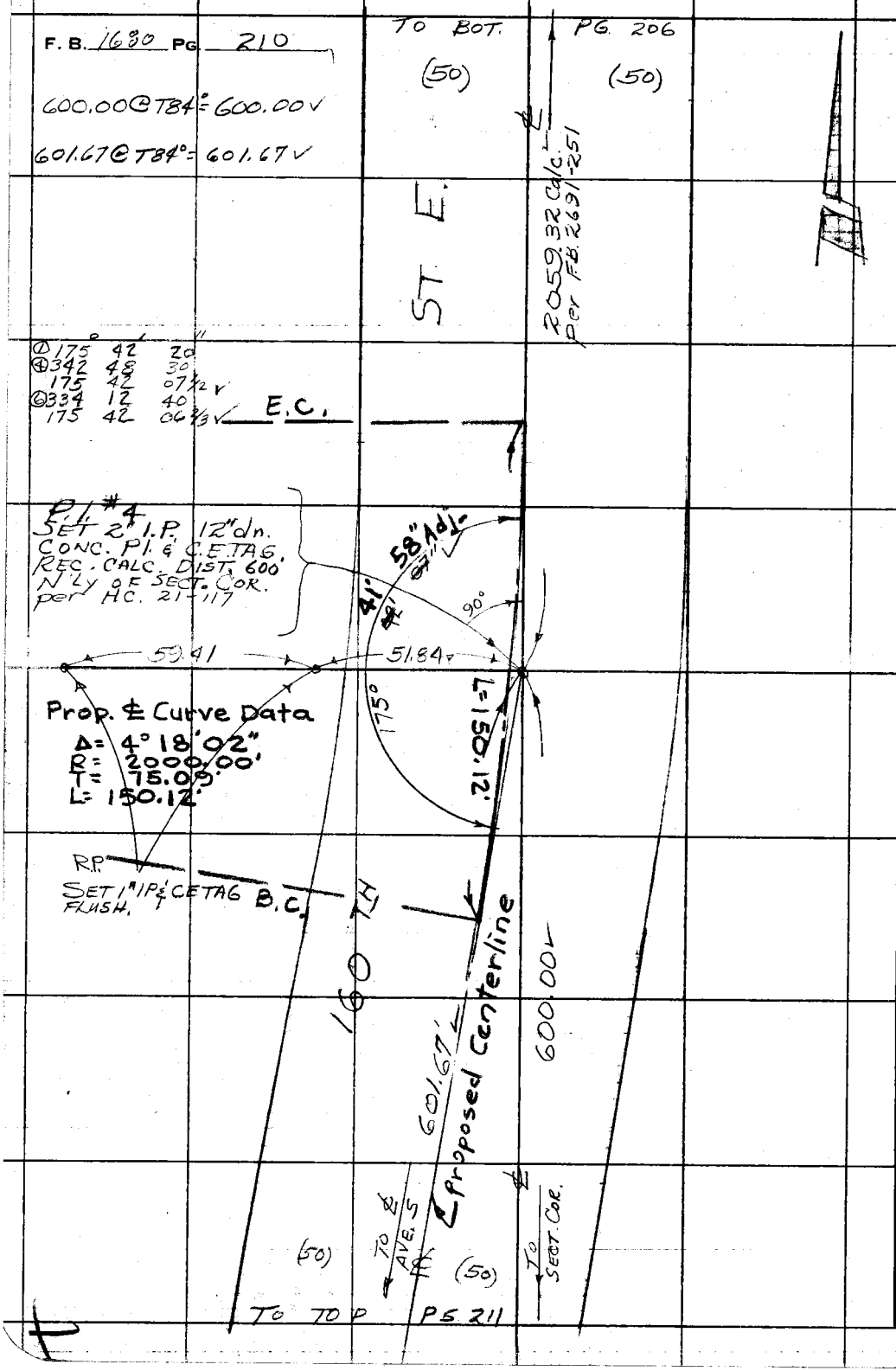
76F309S CE#310 3-69



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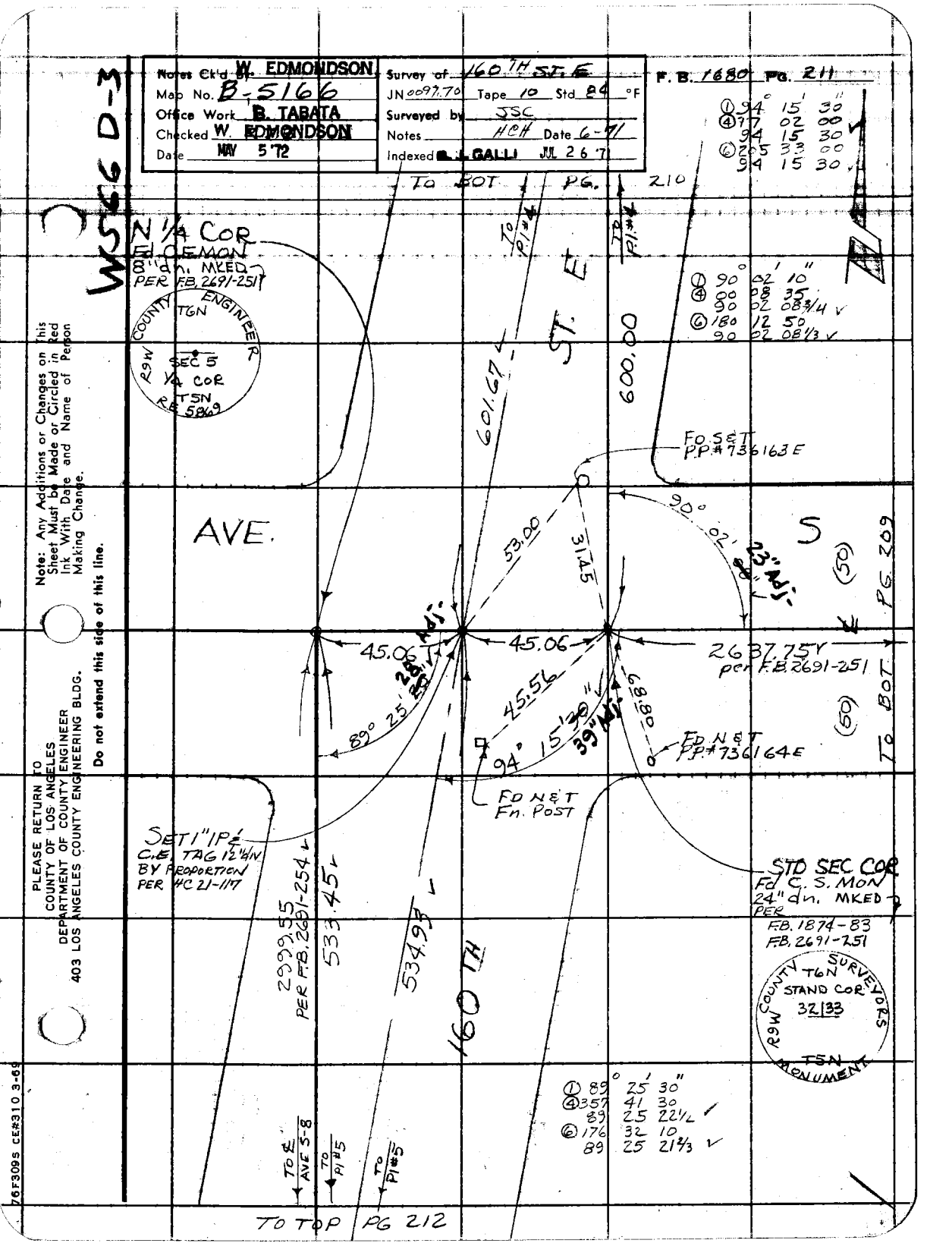

Notes Ck'd by W. EDMONDSON
Map No. B-5166
Office Work B. TABATA
Checked W. EDMONDSON
Date MAY 5 '72
Survey of 160TH ST. E
JN 0097.70 Tape 10 Std 84 °F
Surveyed by JSC
Notes HCH Date 6-71
Indexed R. J. GALLI JUL 26 '71
F. B. 1680 PG. 211
W566 D-3
① 94° 15' 30"
④ 77 02 00
94 15 30
⑥ 205 33 00
94 15 30
TO BOT PG. 210
N 1/4 COR
Fd C.E. MON
8" dn. MKED
PER F.B. 2691-251
COUNTY ENGINEER
T6N
R9W
SEC 5
1/4 COR
T5N
R.E. 5869
TO P1#4
TO P1#4
ST. E
601.67
600.00
① 90° 02' 10"
④ 00 08 35
90 02 08 3/4
⑥ 180 12 50
90 02 08 1/3
FO S&T
P.P.#736163E
AVE.
S
53.00
31.45
90° 02' 00"
23" Adj.
(50)
PG. 209
45.06
45.06
2637.75
per F.B. 2691-251
28" Adj.
89° 25' 20"
45.56
94° 15' 30"
39" Adj.
68.80
FD N&T
P.P.#736164E
(50)
TO BOT
FD N&T
Fn. POST
SET 1" IP & C.E. TAG 12" dn
BY PROPORTION
PER HC 21-117
STD SEC COR
Fd C. S. MON
24" dn. MKED
PER
F.B. 1874-83
F.B. 2691-251
COUNTY SURVEYORS
T6N
STAND COR
32/33
R9W
T5N
MONUMENT
2999.55
PER F.B. 2691-254
533.45
534.93
160TH
① 89° 25' 30"
④ 357 41 30
89 25 22 1/2
⑥ 176 32 10
89 25 21 2/3
TO ℄ AVE S-8
TO P1#5
TO P1#5
TO TOP PG 212
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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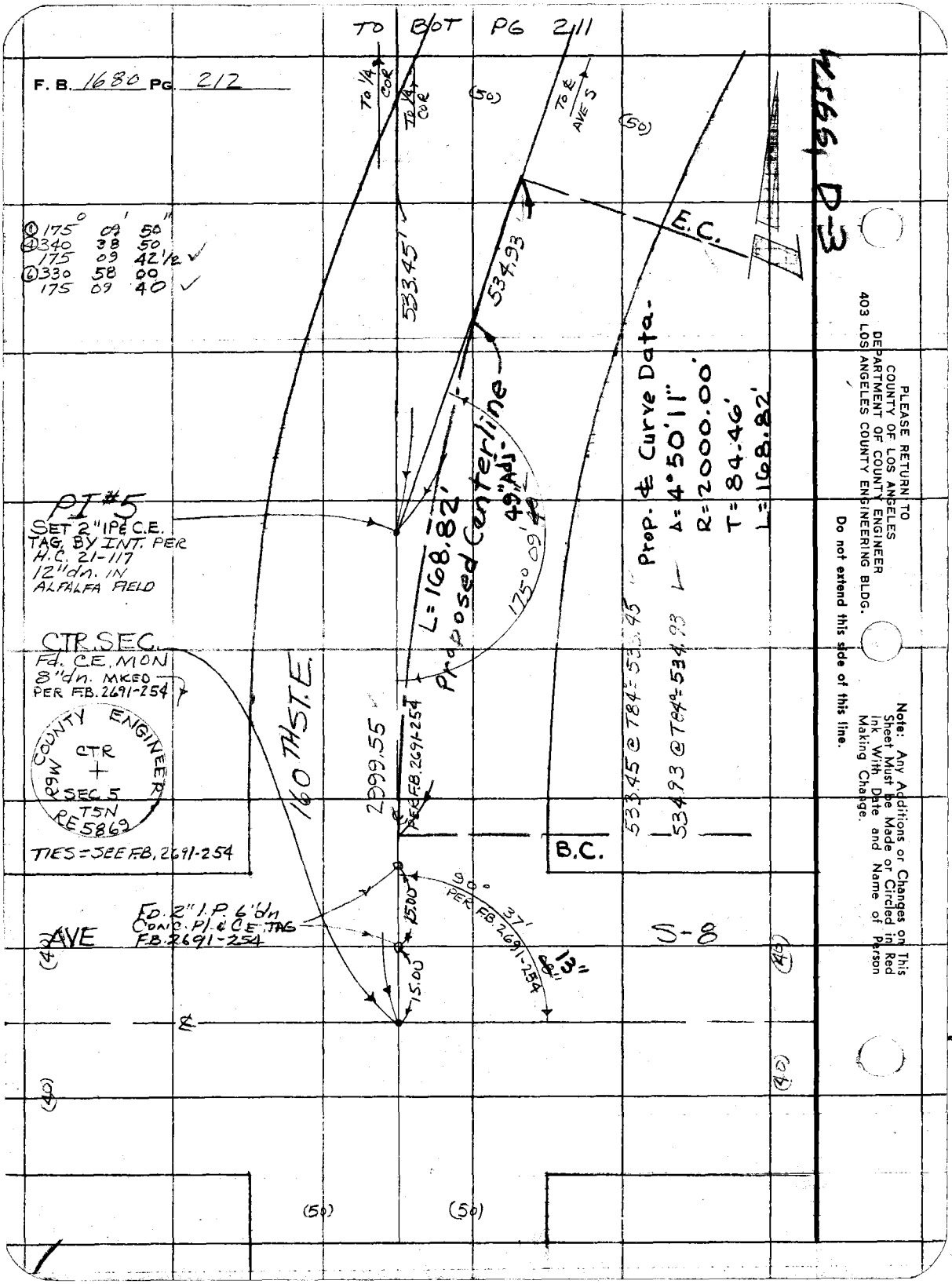
76F309S CE#310 3-69



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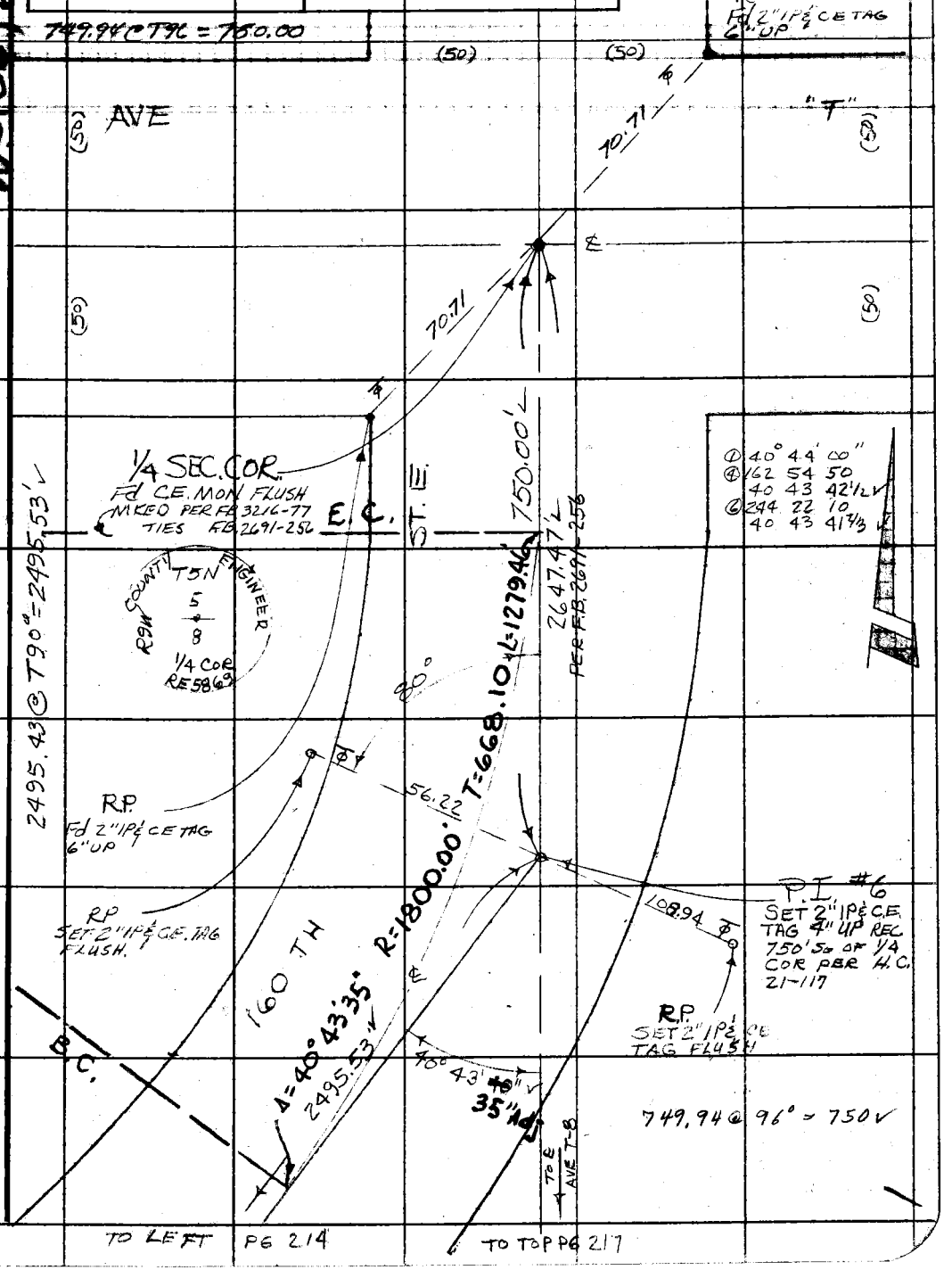
Notes Ck'd W. EDMONDSON	Survey of 160TH ST. E	F. B. 1680 PG. 213
Map No. B-5166	JN 0097.70 Tape 10 Std 84 °F	
Office Work B. TABATA	Surveyed by JSC	
Checked W. EDMONDSON	Notes HCH Date 7-71	
Date MAY 5 '72	Indexed G. J. GALLI JUL 26 '71	



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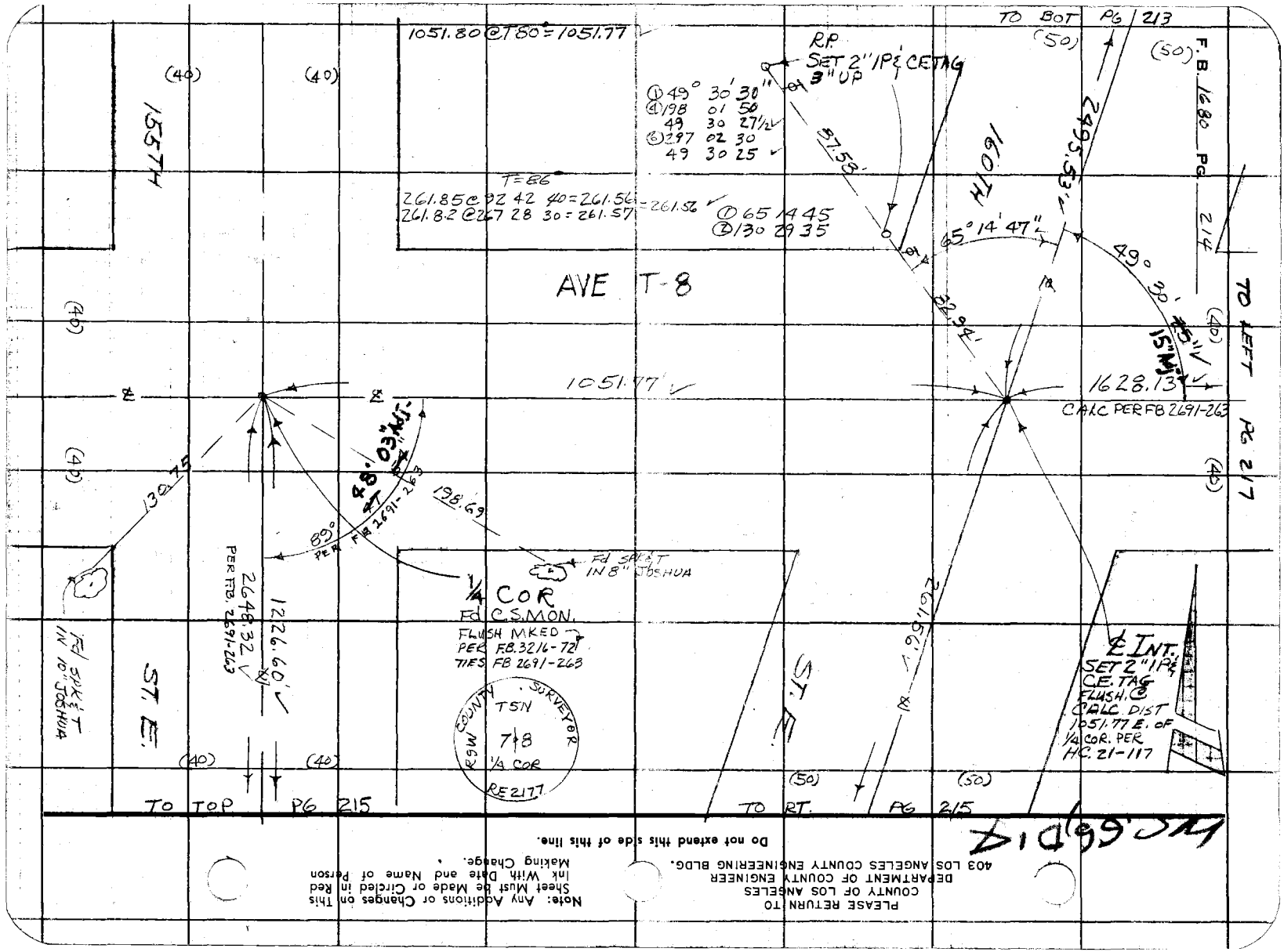
76F309S CE#310 3-69



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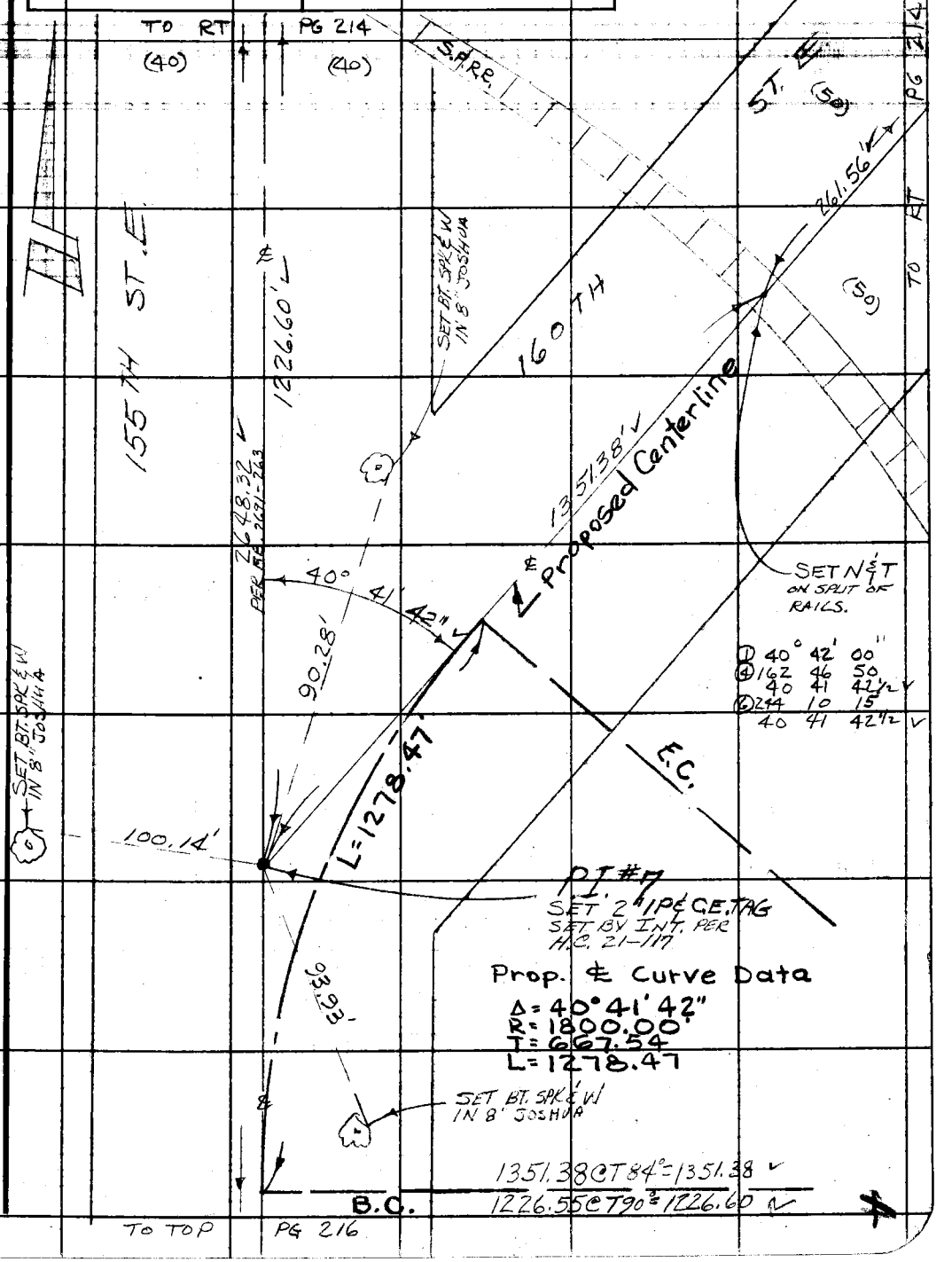
Notes Ck'd by W. EDMONDSON	Survey of 160TH ST. E.	F. B. 1680 PG. 215
Map No. B-5166	JN 0097.70 Tape 10 Std 80 °F	° ' "
Office Work R. TARATA	Surveyed by JSC	①
Checked W. EDMONDSON	Notes HCH Date 7-71	④
Date MAY 5 '72	Indexed C. L. BALLI JUL 26 '71	⑥



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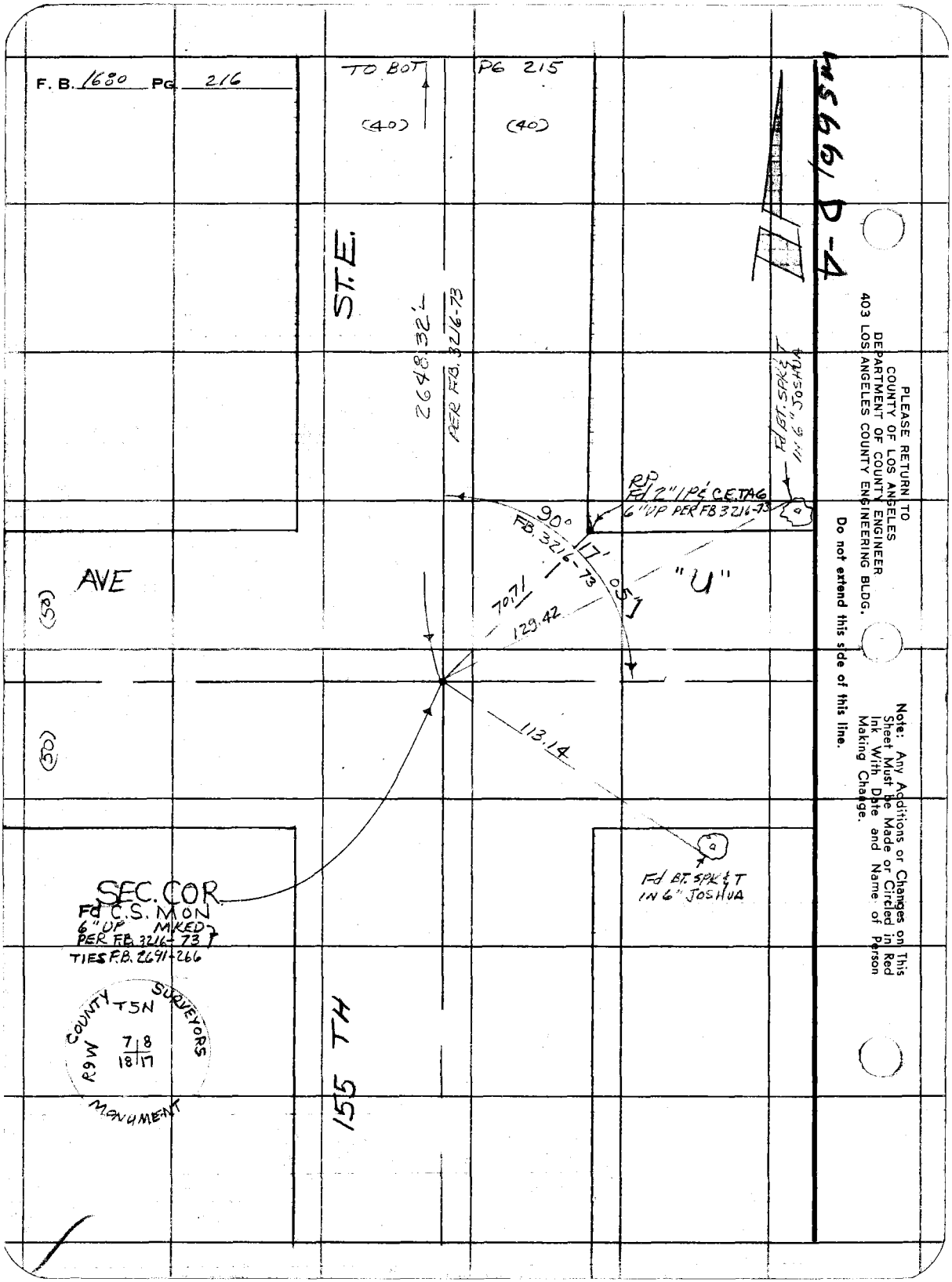
76F309S CE#310 3-69


F. B. 1680 PG. 216
TO BOT
PG 215
(40)
(40)
ST. E.
2648.32'L
PER FB. 3216-73
Fd BT. SPK & T IN 6" JOSHUA
RP
Fd 2" IP & C.E. TAG
6" UP PER FB 3216-73
90°
FB. 3216-73
17'
05'
"U"
70.71
129.42
AVE
(50)
(50)
113.14
Fd BT. SPK & T IN 6" JOSHUA
SEC. COR.
Fd C.S. MON
6" UP MKED
PER F.B. 3216-73
TIES F.B. 2691-266
COUNTY SURVEYORS MONUMENT
T5N
R9W
7 8
18 17
155 TH
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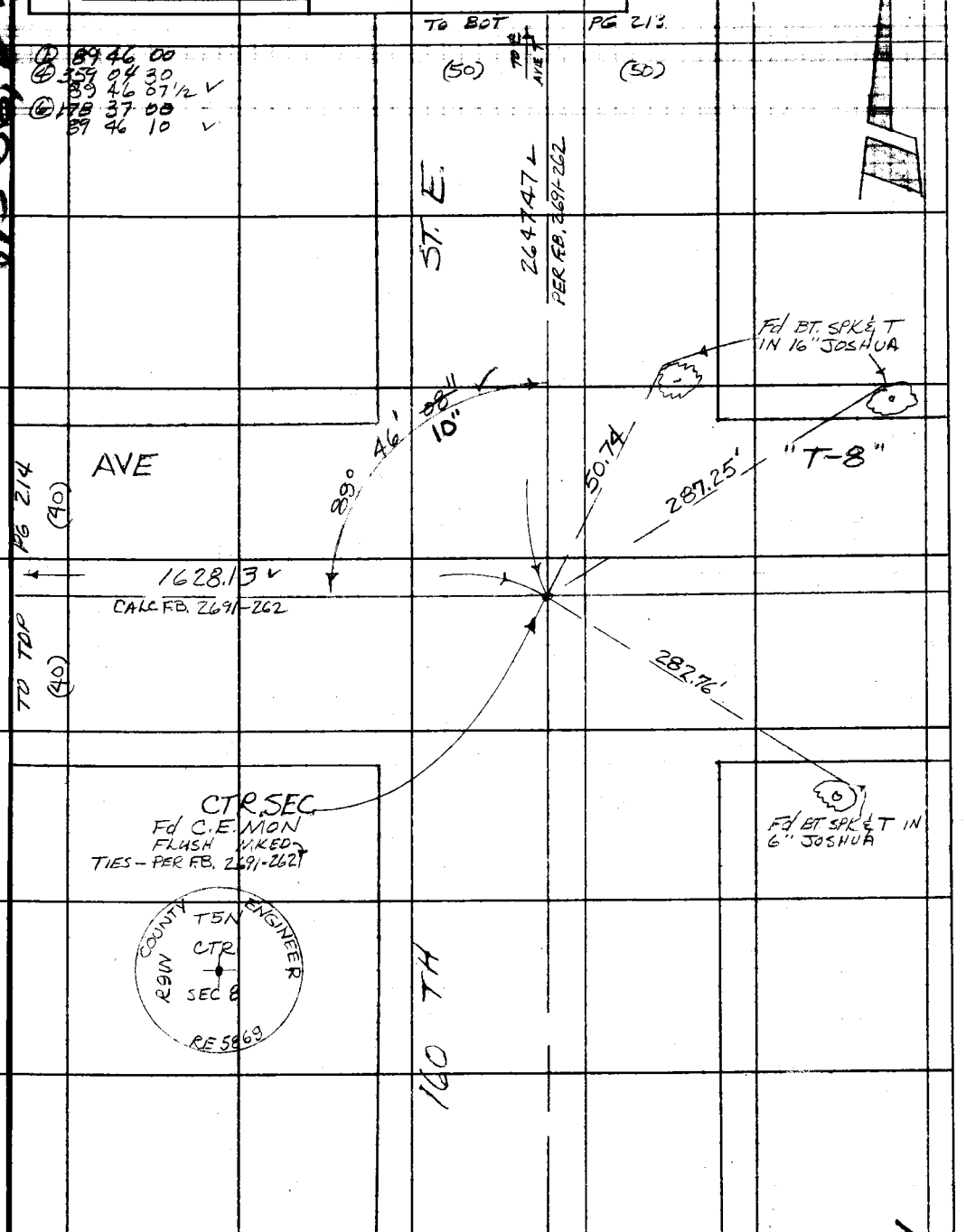
Notes Ck'd by W. EDMONDSON	Survey of 160 TH ST. E	F. B. 1680 PG. 217
Map No. B-5166	JN 0097.70 Tape 10 Std 84 °F	
Office Work B. TABATA	Surveyed by JSC	
Checked W EDMONDSON	Notes HCH Date 7-71	
Date MAY 5 '72	Indexed B. J. BALL JUL 26 '71	



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76F309S CE#310 3-69

TO BOT PG ~~168~~ 186

F. B. 1680 PG 218

Lev. 70.41

119.75 @ 3°44' = 119.50
119.84 @ 4 15 = 119.51

226.13 @ 3 12 = 225.78
226.10 @ 3 02 = 225.78

296.78 @ 18 26 = 281.55
296.54 @ 18 18 = 281.54

197.16 @ 25 55 = 177.33
197.22 @ 25 57 = 177.34

133.16 @ 12 44 = 129.89
132.79 @ 12 00 = 129.89

T = 84° 1004.45

Fd 1" IP & CE TAG PER FB 2691-240 2" UP

221.09 @ 6°02' = 219.87
221.05 @ 6 00 = 219.84

201.87 @ 17 28 = 192.56
201.98 @ 17 34 = 192.56

Lev. 156.16
T = 84° 568.57

Fd 1" IP & CE TAG PER FB 2691-241 2" UP

Lev. 113.25 @ T84 = 113.25

Fd. 1" IP & C.E. TAG PER FB 2691-241 2" UP

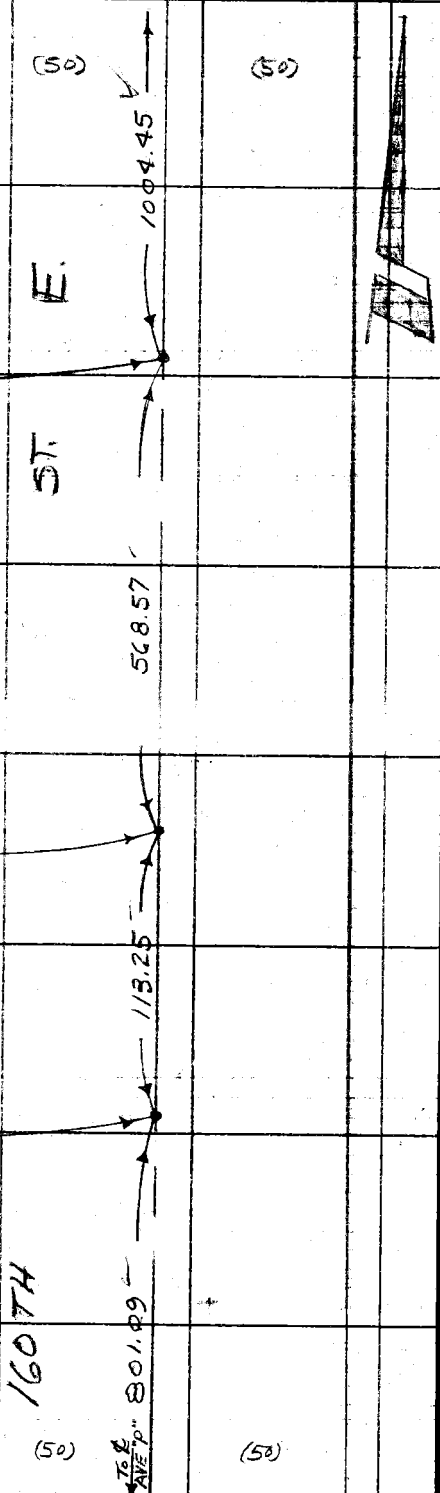
250.82 @ 18°54' = 237.30
250.56 @ 18 44 = 237.29

55.39 @ 23 47 = 50.69
55.14 @ 23 12 = 50.68

238.34 @ 22 14 = 220.62
238.75 @ 22 28 = 220.63

294.23 @ 6 14 = 292.49
294.53 @ 6 43 = 292.51

T = 84° 801.09



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TO TOP PG 193

Notes Ck'd by R. J. B.	Survey of AV FOOTHILLS TRAVERSE
Map No.	JN 0301.08 Tape 224 Std 84 °F
Office Work	Surveyed by HCH
Checked	Notes HCH Date MAR 74
Date	Indexed G. D. BAILEY MAR 20 1974

F. B. 1600 Pg. 210

J.N. 0301.08
S.E. ANTELOPE VALLEY FOOTHILLS TRAVERSE

TOPO. PROFILE CHECK.

PARTY
HUBBARD
RITTEL
CROWE
JERNIGAN

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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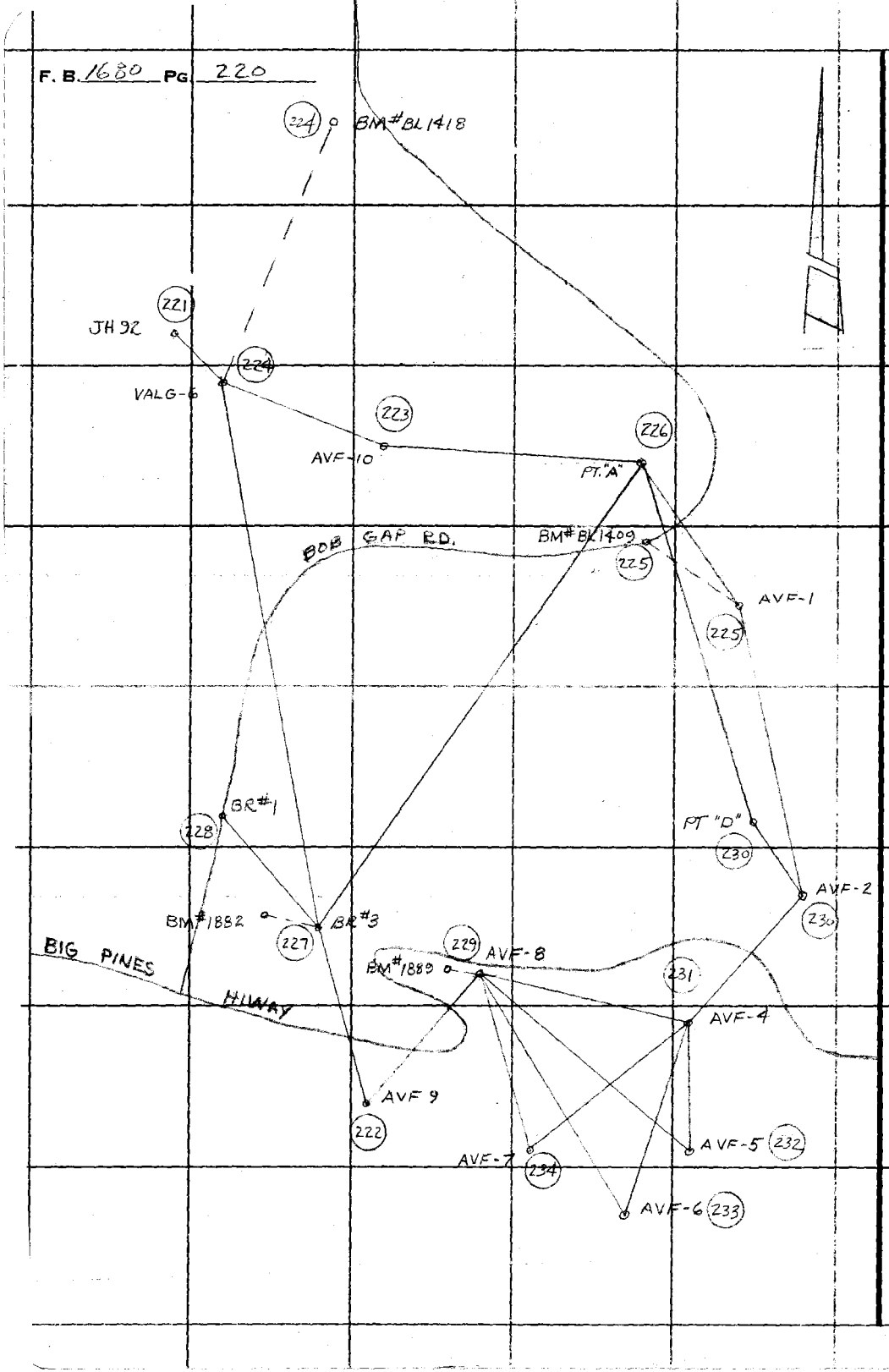
78F3095 CE#310 3-68

F. B. 1680 PG. 220



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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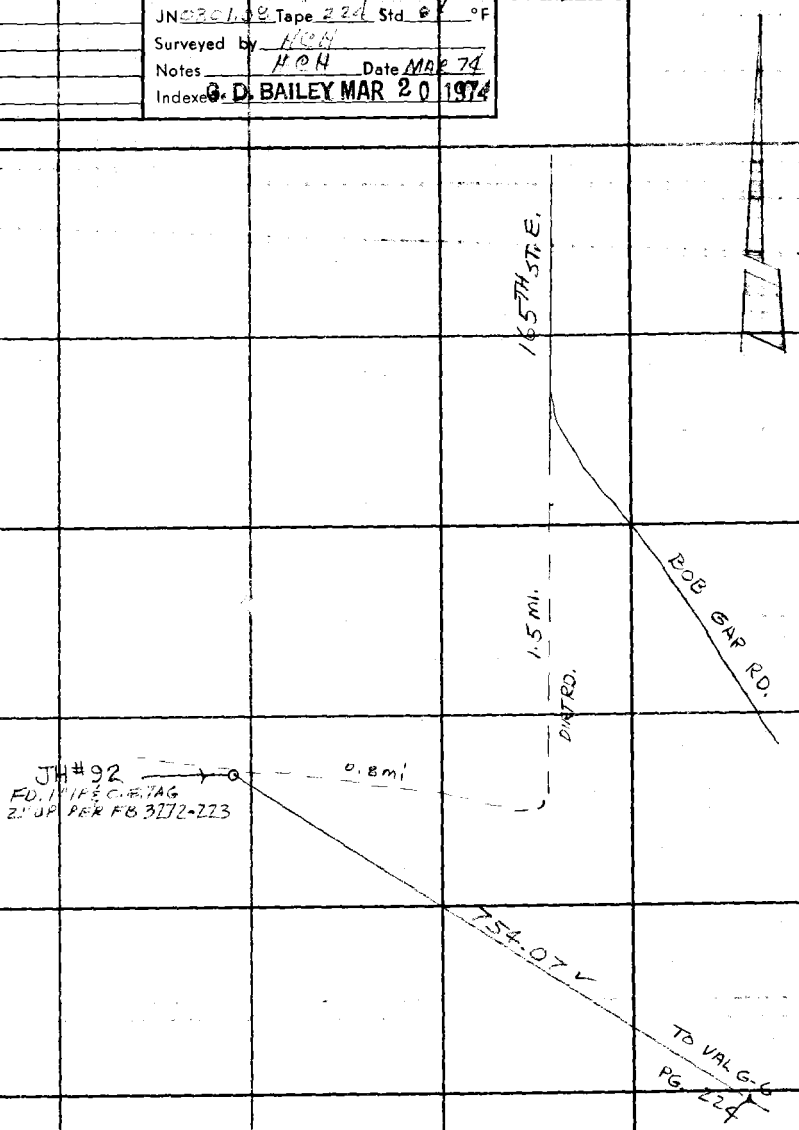
Notes Ck'd by RJB	Survey of AV MOUNTAIN TRAVERSE
Map No.	JN 0301.38 Tape 224 Std 64 °F
Office Work	Surveyed by HCH
Checked	Notes HCH Date MAR 74
Date	Indexed G. D. BAILEY MAR 20 1974

F. B. 168 PG. 271



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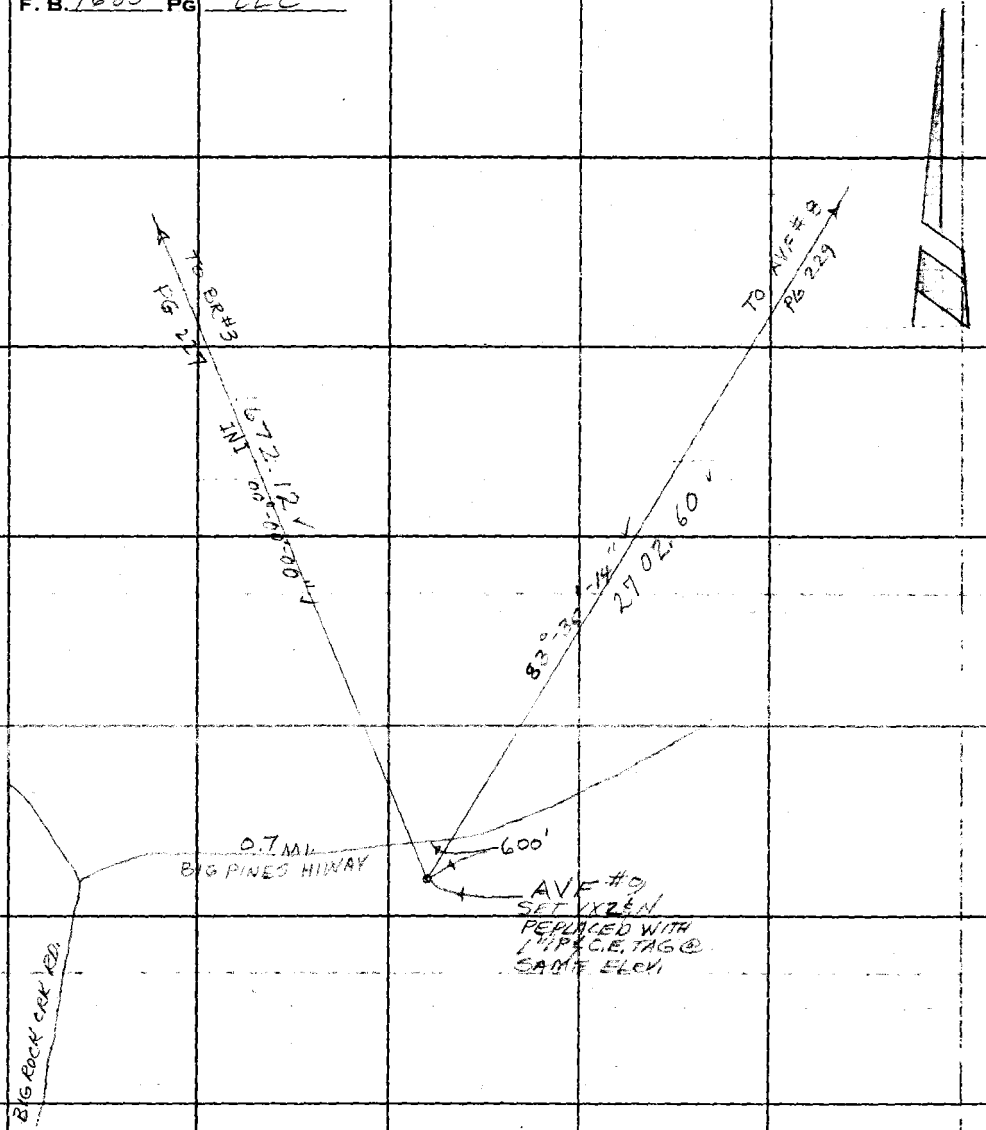
76F3095 CE#310 3-68

F. B. 1680 PG 222



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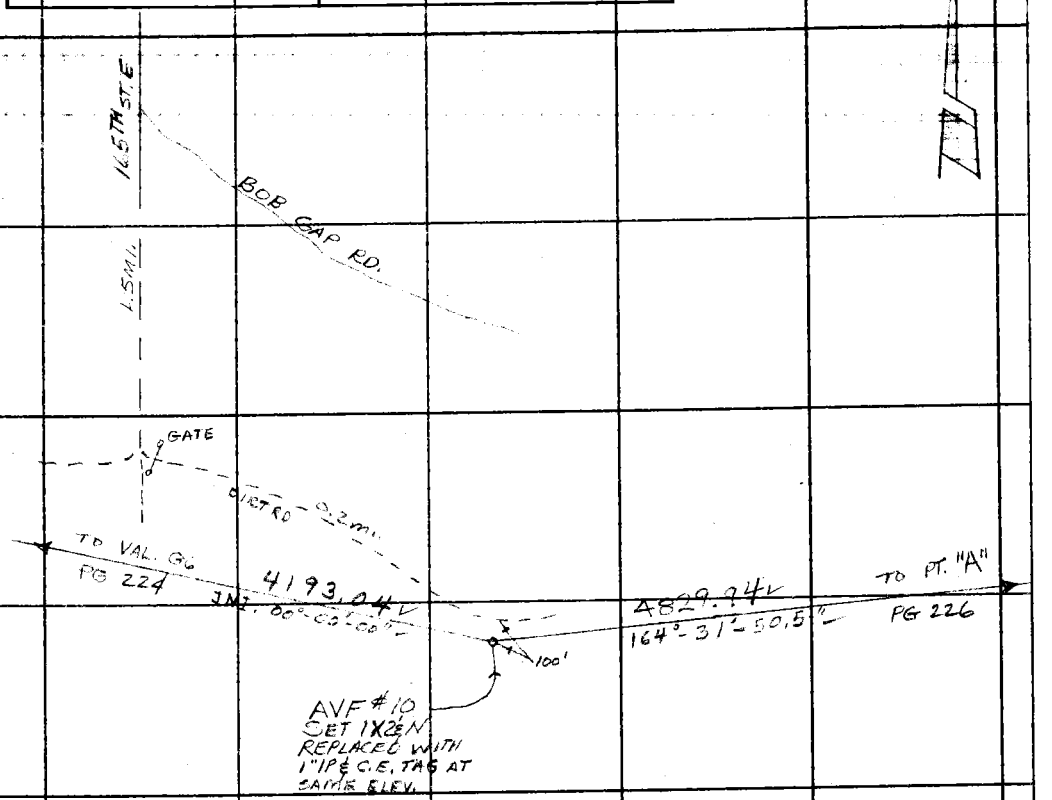
Notes Ck'd by RJB	Survey of AV FOOTHILL TRAVERSE
Map No.	JN 0301.08 Tape 224 Std 84 °F
Office Work	Surveyed by HCH
Checked	Notes HCH Date MAR 74
Date	Indexed G. D. BAILEY MAR 20 1974

F. B. 1680 PG. 223



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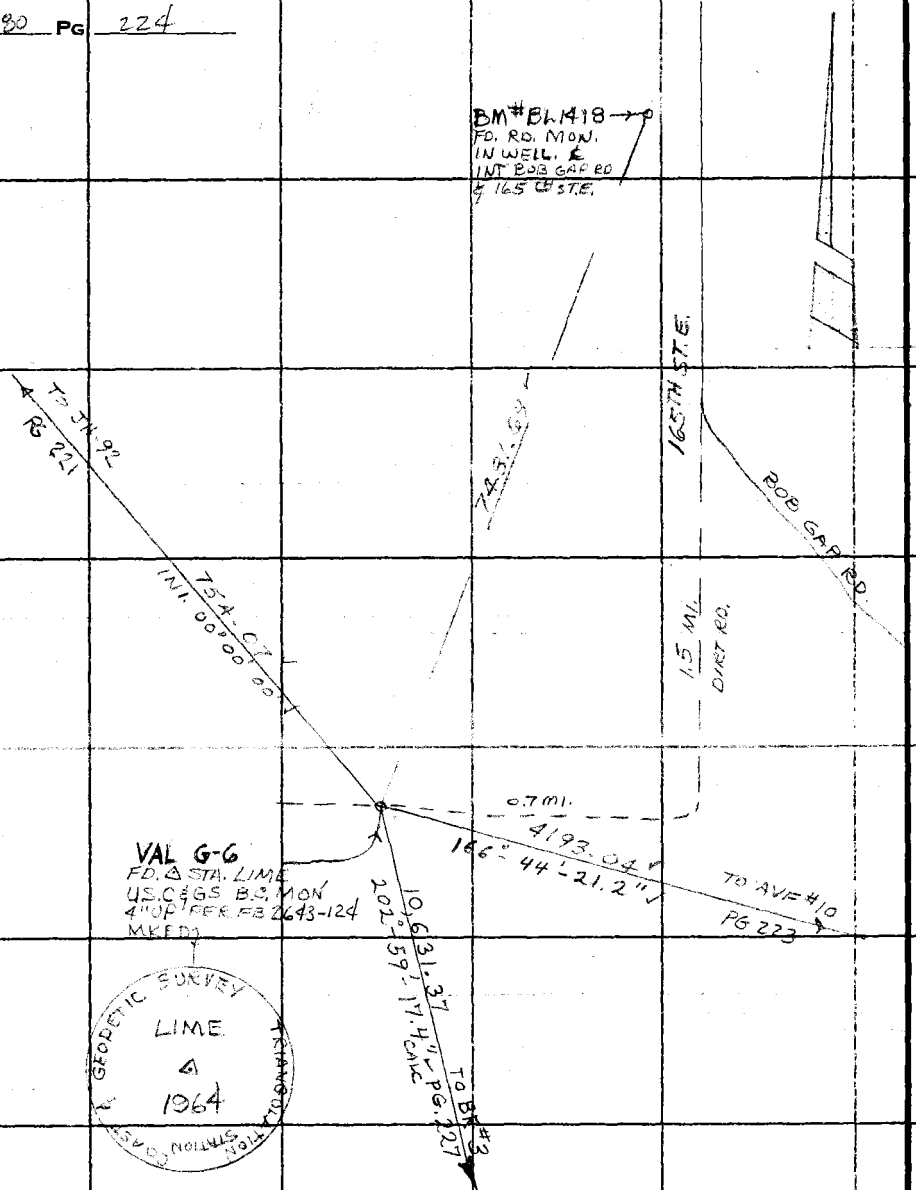
F. B. 1680 Pg 224



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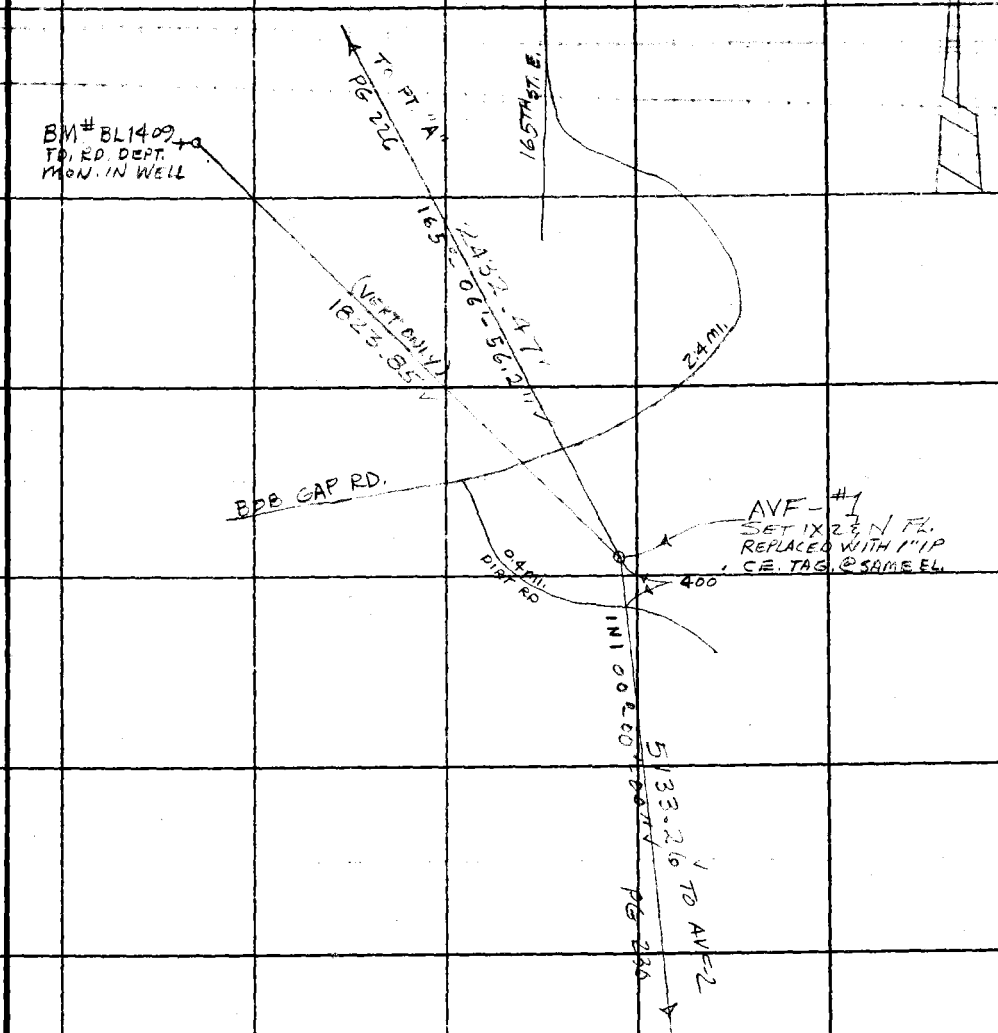
T @ STA. LIME (VAL G6) T= 42°			HG = 25.9	PP= 29 H.I.=5.4
POINT	SLOPE DIS.	VERT ∡	AVG. VERT ∡	HOR. DIS.
		° ′ ″		
JH-92	754.33	91 30 38 268 28 31	91° 31' 04" ✓	754.07 ✓
BM#BL1418 H.I.= 5.2'	7511.29	95 05 04 264 54 29	95° 05' 18" ✓	7481.69 ✓
AVF-10	4194.38	88 32 58 271 26 34	88° 33' 12" ✓	4193.04 ✓

Notes Ck'd by RJB	Survey of A.V. FOOTHILL [illegible]	F.B. 1630 PG. 225
Map No.	JN 030103 Tape 222 Std 80 °F	
Office Work	Surveyed by HCH	
Checked	Notes HCH Date MAR 74	
Date	Indexed G. D. BAILEY MAR 20 1974	



HPT @ STA. AVF-1 T=44' HG=25.9 PP=30 H.I.=5.4'

POINT	SLOPE DIS.	VERT. ∡	AVG. VERT ∡	HOR. DIS.
PT. "A"	2435.37 ✓	87 11 57 272 47 28	87 12 14 ✓	2432.47 ✓
BM# BL 1409 H.I.=5.2'	1825.70	92 34 50 267 25 02	92 34 54 ✓	1823.85 ✓

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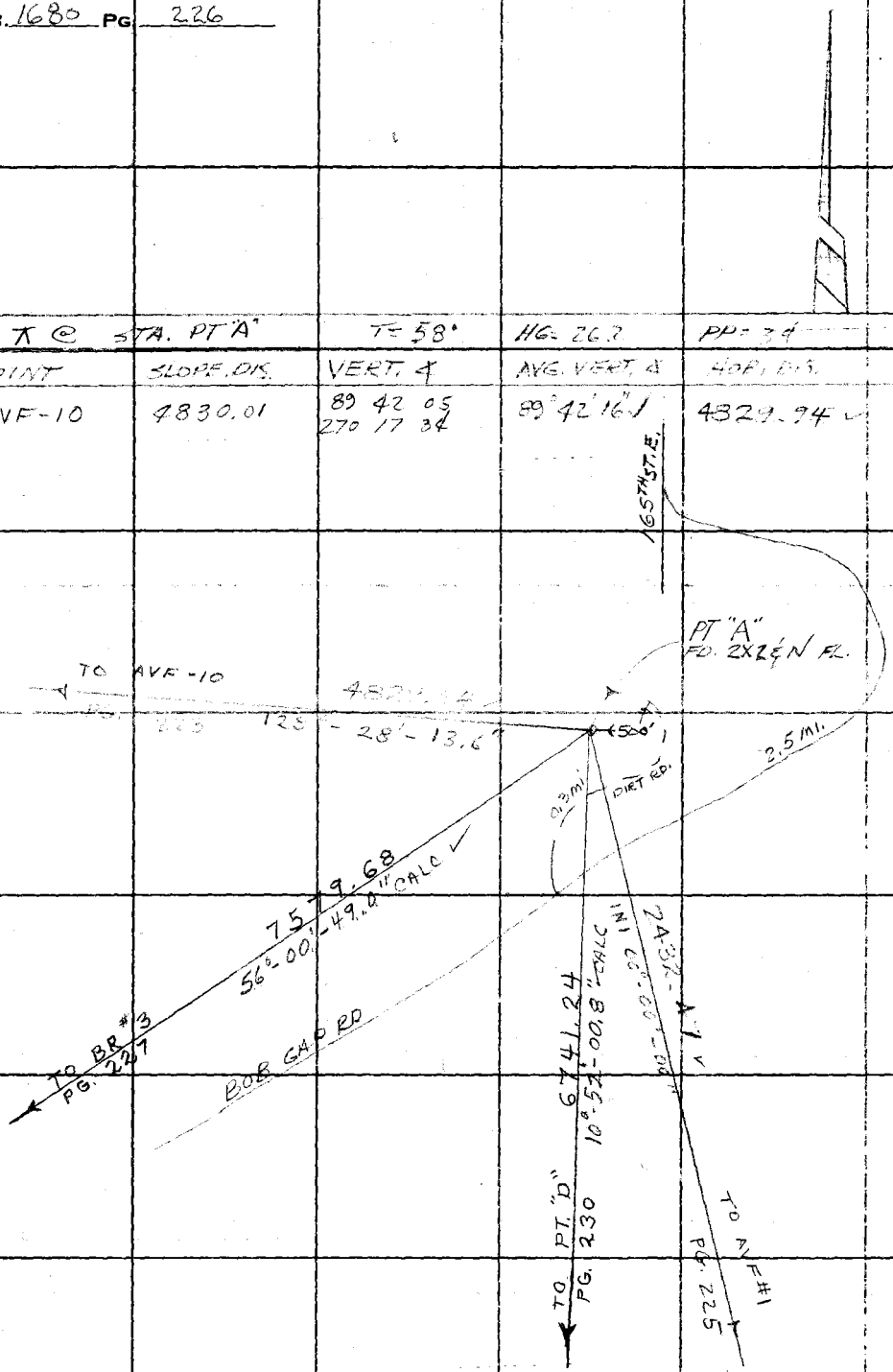
F. B. 1680 PG. 226

HP ⊼ @	STA. PT "A"	T= 58°	HG. 26.2	PP= 34
POINT	SLOPE DIS.	VERT. ∡	AVG. VERT. ∡	HOR. DIS.
AVF-10	4830.01	89 42 05 270 17 34	89°42'16"	4829.94



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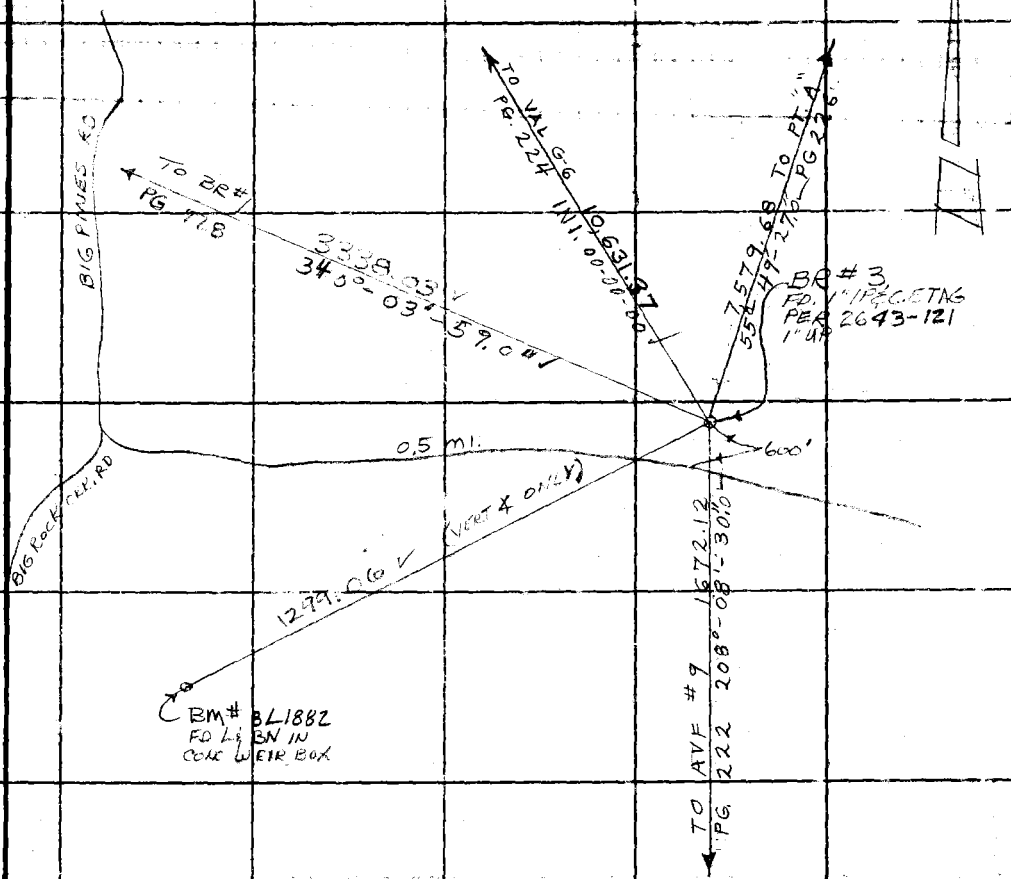
Notes Ck'd by RJB	Survey of A.V. FOOTHILLS TRAK ST
Map No.	JN 0301.08 Tape 224 Std 68 °F
Office Work	Surveyed by HCH
Checked	Notes HCH Date MAR 74
Date	Indexed G. D. BAILEY MAR 20 1974

F.B. 1653 PG. 27



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H.P. π @ STA BR#3 T=64° HG=26.4 PP=35 H.I.=5.2

POINT	SLOPE DIST.	VERT. ∠	AVG. VERT. ∠	HORIZ. DIST.
PT "A" H.I. = 4.6	7581.44	88-44-36 271-15-15	88-44-40	7579.62 ✓
VAL. G-6 H.I. = 4.8	10,631.70	89-32-49 270-27-13	89-32-48	10,631.37 ✓

HPπ@ STA BR#3 T=58 HG=26.2 PP=3.4 H.I.=5.3

POINT	SLOPE DIS.	VERT ∠	AVG VERT ∠	HOR. DIS.
BR#1 ~~H.I.=0~~ HCH 4-8-74	3344.35	93-31-20 266-28-42	93-31-19 ✓	3338.03 ✓
BM# BL1882 H.I. = 0.5	1304.56	95-15-50 264-44-31	95-15-40 ✓	1299.06 ✓
AVE-9 ~~H.I.=0~~ HCH 4-8-74	1692.67	81-03-38 278-56-11	81-03-43 ✓	1672.12 ✓

76E309S CE#310 3-68

F. B. 1680 PG 228

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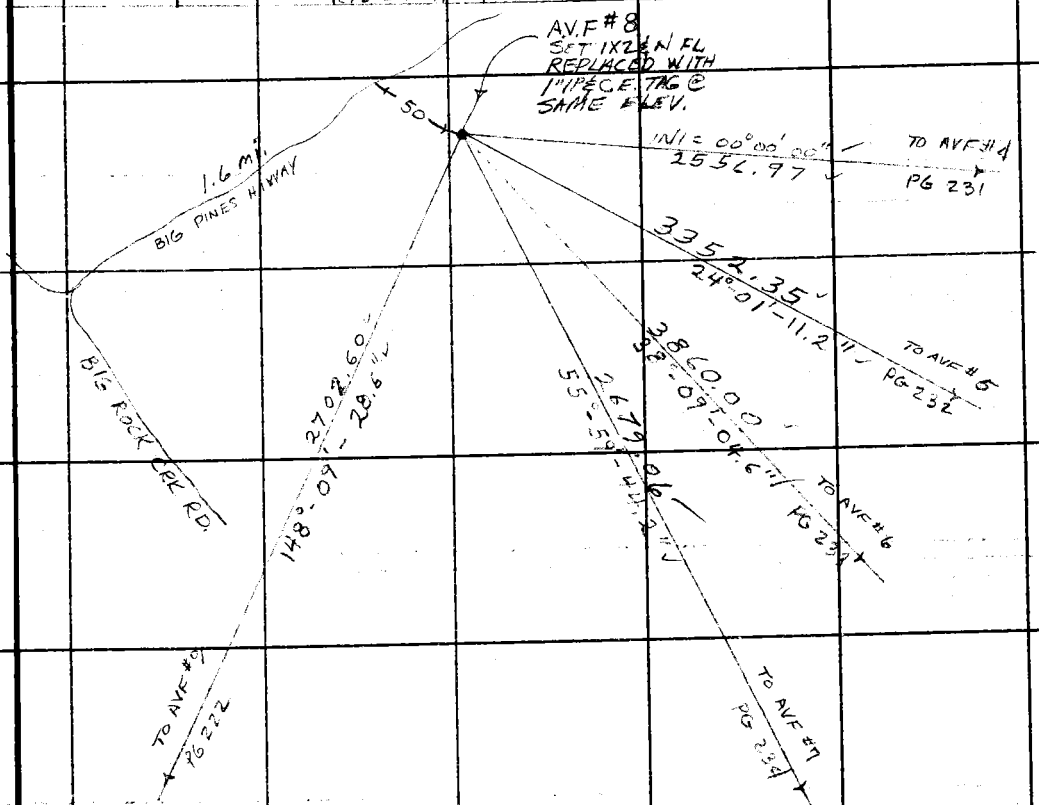
Notes Ck'd by RJB	Survey of A.V. FOOTHILLS TRAVERSE
Map No.	JN 0301.08 Tape [illegible] Std 84 °F
Office Work	Surveyed by H.C.H.
Checked	Notes H.C.H. Date MAR 74
Date	Indexed G. D. BAILEY MAR 30 1974

F. B. 1680 PG. 229

HPTC A.V.F-8 T= 58° HG= 26.2 PP= 34

POINT	SLOPE DIS.	VERT. ∠	AVG VERT ∠	HOR. DIS.
A.V.F.-5	3376.68	83-07-05 276-53-00	83-07-02	3352.35
A.V.F-6	3917.16	80-38-01 279-22-04	80-37-59	3860.00
A.V.F-7	2702.45	82-27-35 277-32-52	82-27-21	2679.06
A.V.F-9	2703.64	91-35-30 268-25-05	91-35-12	2702.60
A.V.F-4	2573.89	83-25-45 276-34-41	83-25-33	2556.97



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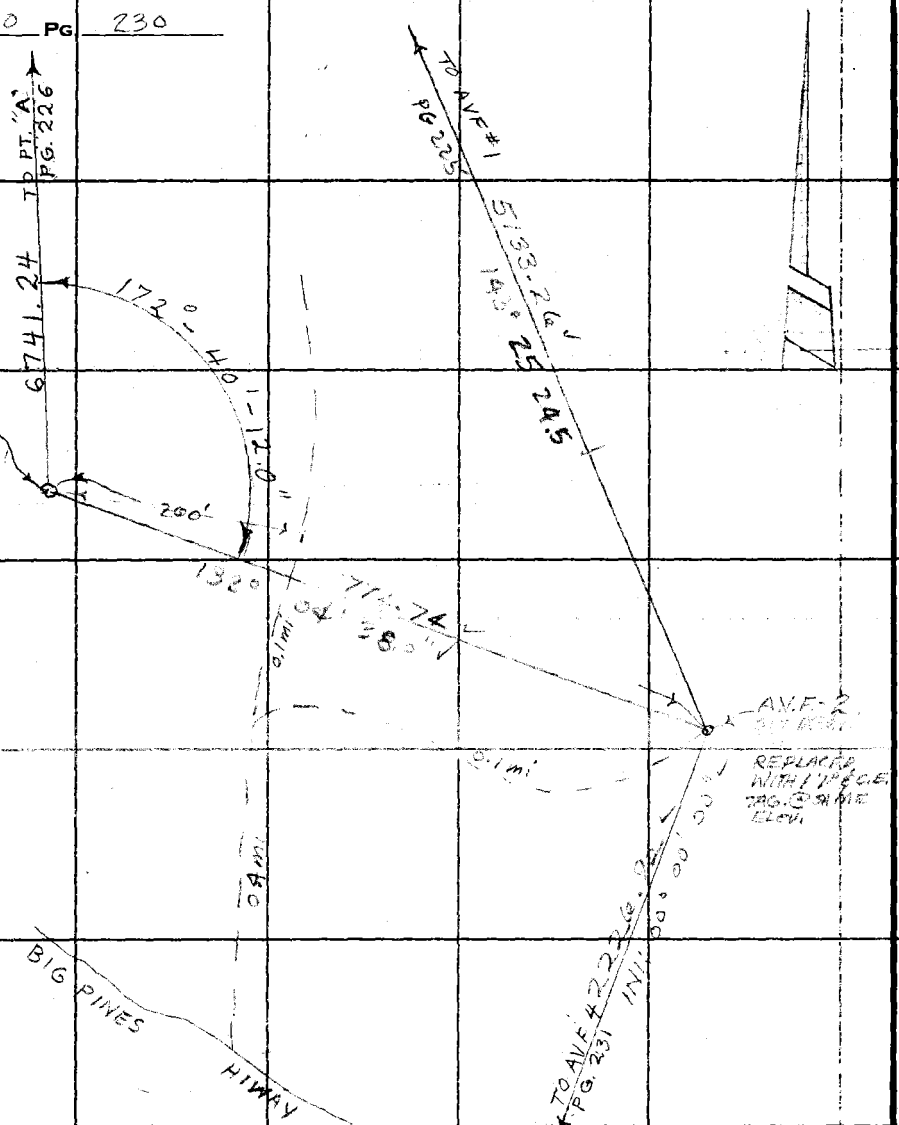
F. B. 1680 PG. 230



HP π @ PT. "D"	T=74°	HG.=26.2	PP @ 42	H.I. = 5.2
PT. "A" H.I. = 4.3	6,742.91 @	91-16-20 268-43-33	AVG 91-16-24	= 6,741.24 ✓
HP π @ STA. AVF-2	T= 46°	HG= 25.6	PP= 34	H.I.=5.2'
	784.84	99° 11' 52" 260 47 48	99° 12' 02" ✓	774.74 ✓
PT. "D" H.I.=4.7'				
AVF-1	5148.37	94 23 14 265 36 23	94° 23' 26 ✓	5133.26 ✓
AVF-4	2235.13 ✓	85 05 00 274 54 28	85 05 16 ✓	2226.92 ✓

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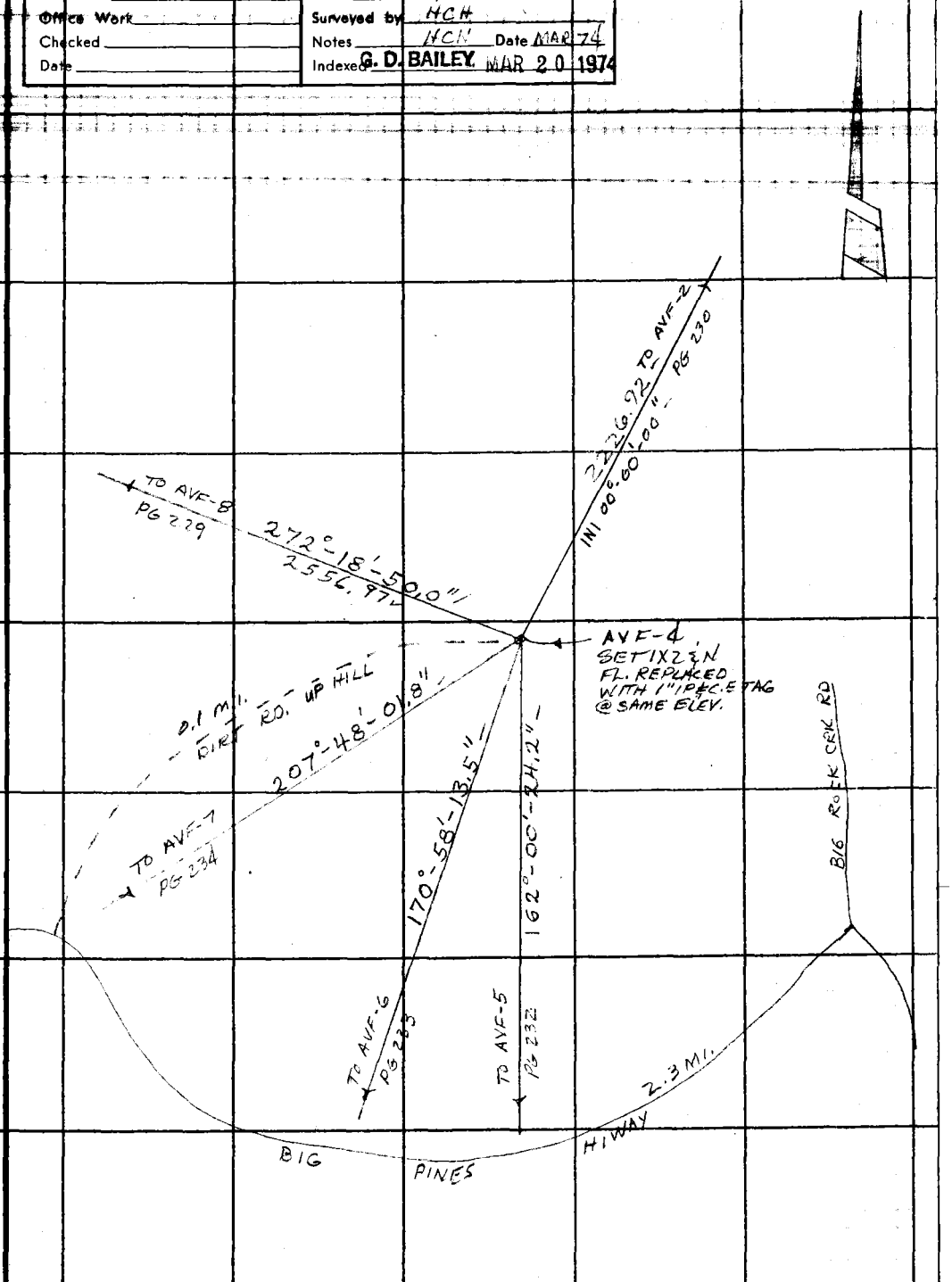
Notes Ck'd by RJB	Survey of AN FOOTHILLS TRAVERSE
Map No.	JN 0201.08 Tape 22d Std 9d °F
Office Work	Surveyed by HCH
Checked	Notes HCH Date MAR 74
Date	Indexed G. D. BAILEY MAR 20 1974

F. B. 1680 Pg. 231



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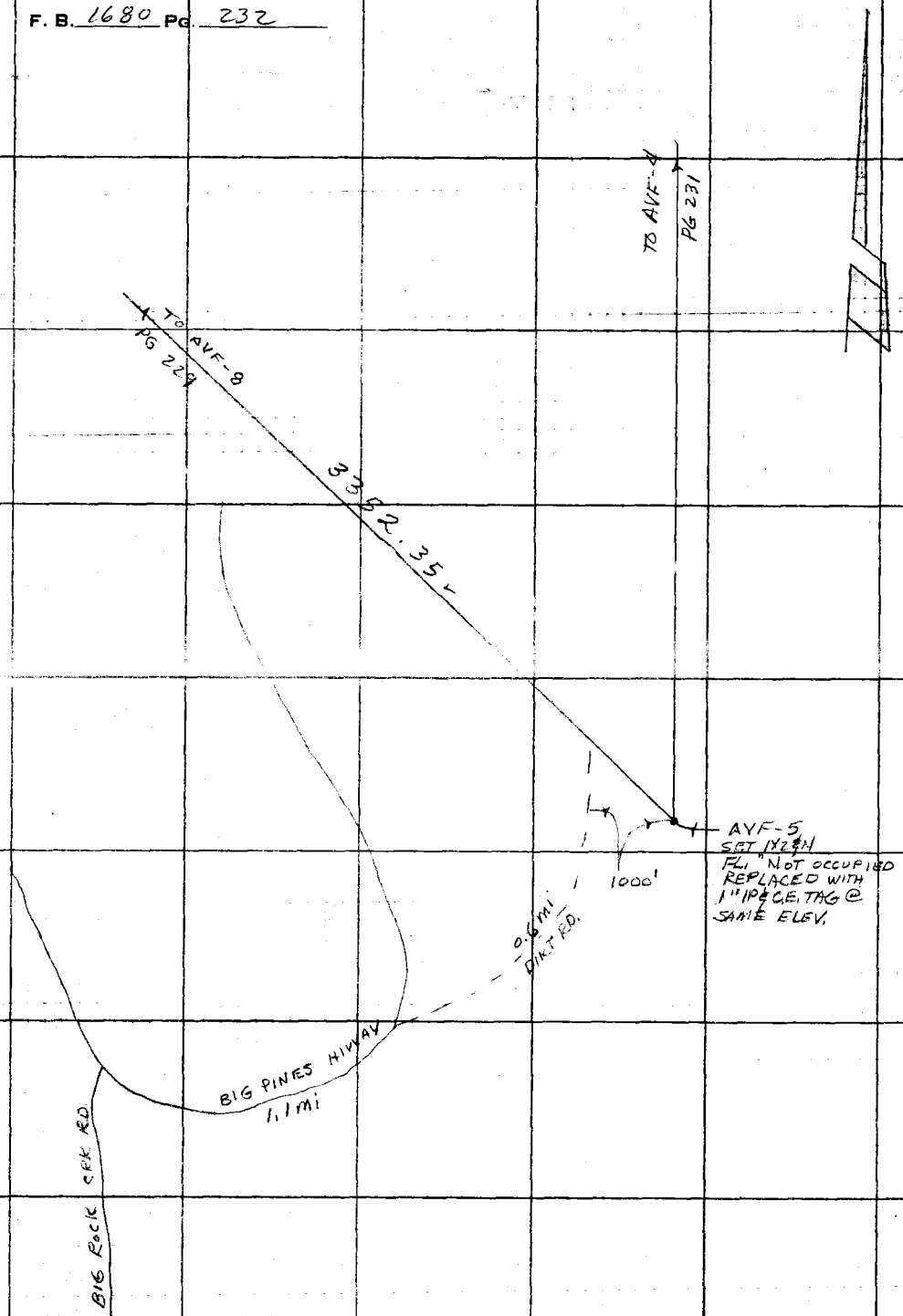
F. B. 1680 Pg. 232



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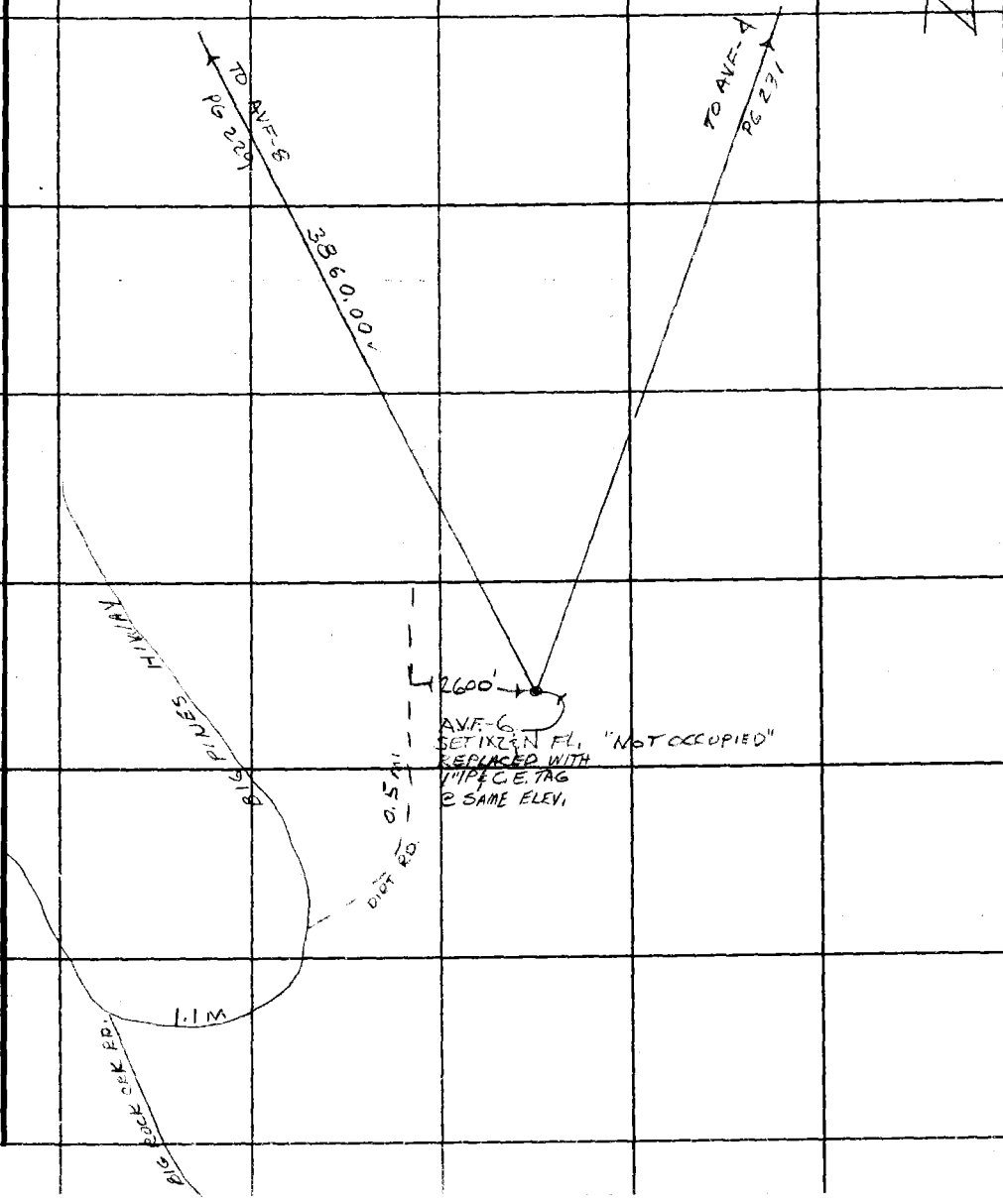
Notes Ck'd by RJB	Survey of A.V. FOOTHILLS TRAVERSE
Map No.	JN [illegible] Tape 22d Std. [illegible] °F
Office Work	Surveyed by HGH
Checked	Notes Date MAR 74
Date	Indexed G. D. BAILEY MAR 20 197

F. B. 1680 Pg. 255



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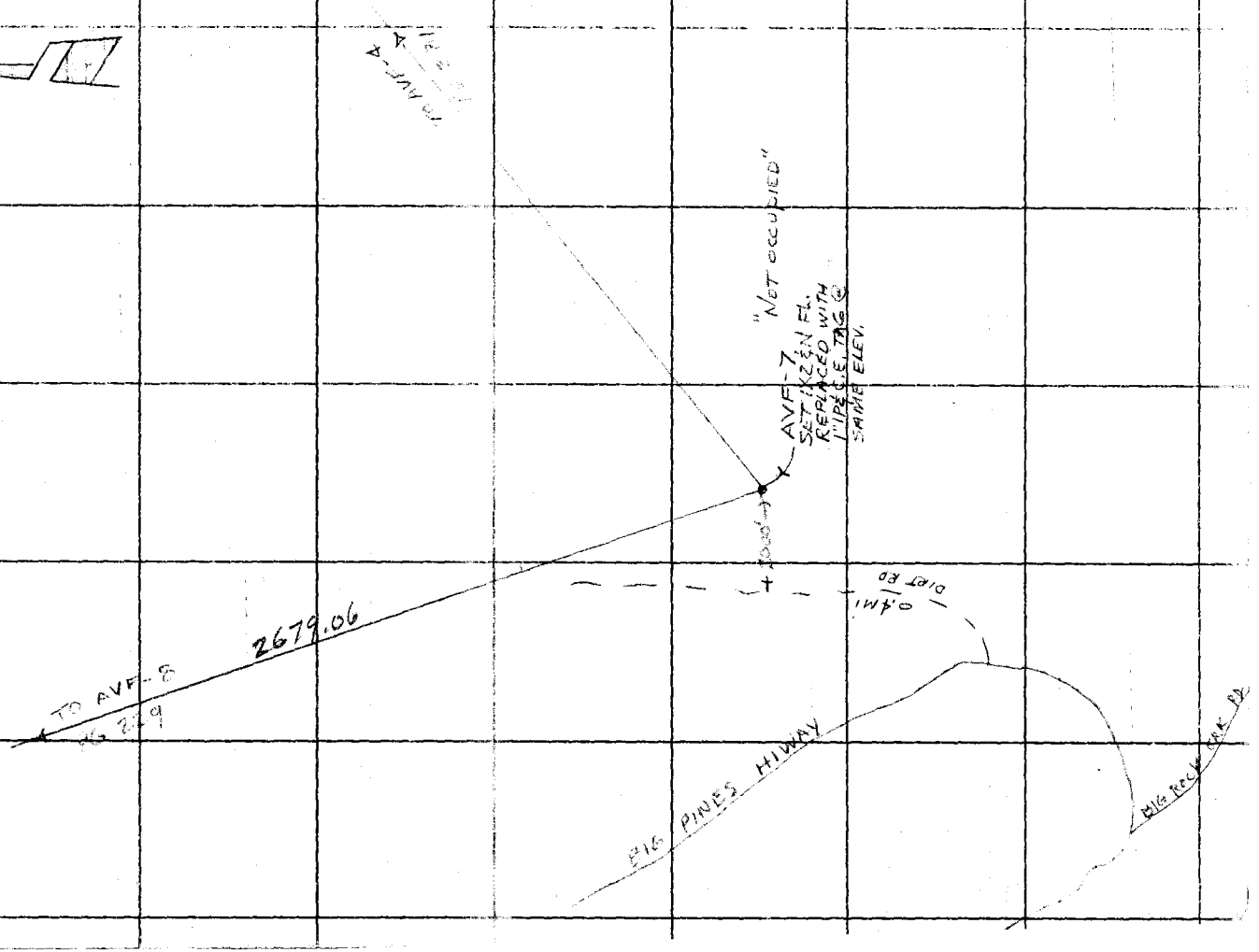

F. B. 1680 PG. 234

F. B. 16[illegible] PG. 235

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. [illegible] Division No. ____
Survey of AV. FOOTHILLS TRAVEL
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by HCH Notes HCH Date MAR 74
Map No. ____ Indexed G. D. BAILEY Date MAR 20 1974

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STATION	B. S.	H. I.	F. S.	ELEV.	
BM# BL1889				440128	Fd BM# BL1889 Elev. 440.283 RD. [illegible]
[illegible]	10.[illegible]	4412.18			[illegible] WELL 8"BM 25' [illegible] PINES HWY. +1.5m
			2.77	09.41	E. INT. BIG ROCK CRANK RD. STANFORD [illegible]
AVF #8	7.53	[illegible]	2.[illegible]	44[illegible]	AVF #8 See [illegible]

76-L-298 CE 307 5-66

F. B. 1680 PG. 236

Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

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76-L.298 CE 307 5-66

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

Hubbard USING
PG-219-236

F. B._____ PG _____