SURVEY OF N. Santa Fe Springs

F. B. 3304 PG. 5

Burholder

D.L.

C. J. GALLI

DATE 5-65

DATE 1 - 65

PRECISE LEVELS

FOR Line "A"

No. SANTA FE SPRINGS

...Well Rd = J.N. 6111.11

...del AVE = 1211-A — J.N. 6112.11

PARTY

Burholder
LeGault
Foulger
Bankson
Melino

MAY - 1965

...LEVATIONS ARE BASED ON
...965 ADJUSTMENT

...crofilmed Feb. '85.

JOB NO. 6111.11 SURVEY OF N. Santa Fe Spr
SURVEY BY Burkholder
NOTES BY LC Gault DATE 5-4-65
INDEXED E. J. GALLI DATE

B.M.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] 2-7	[illegible]					
+	[illegible]		[illegible]			[illegible]
π	[illegible]	-2.997	[illegible]	-2.997		[illegible]
−	[illegible]		[illegible]			[illegible]
+.P.	95.348					Cor of Bank America Bldg. A. Std
+	5.437		5337			USC & G.S. disk stamped V-98 1932
π	100.785	+0842	+0845	+0.841		set vertically.
−	4595		0492			
+.P.	96190					
+	5.858		5647			
π	102048	-0013	-0012	-0.013		
−	5.871		5659			
+.P.	96.177					
+	6.002		5880			
π	102179	+3489	+3485	+3.489		
−	2513		2395			
BM 2-8	99666				99.652	BM. 2-8 Elev- ~~99660~~ 99.652 1965 ADJ. FB 1203-14
+	2.078		1955			(US 2689) USC & G.S. U-98)
π	101.744	-3098	-3101	-3.097		In Norwalk N.E. Cor of Int. of
−	5176		5056			Firestone Blvd & San Antonio Dr in
+.P.	96.568					W. face of Cooks Surplus Store
+	5.923		5983			and at the S.W. Cor. A. Std USC
π	102.491	+0713	+0711	+0.714		& G.S. disk stamped "U98 - 1932
−	5.210		5272			and set vertically.
+.P.	97281					
+	6.085		5998			
π	103.366	+0411	+0410	+0.412		
−	5.674		5588			
+.P	97.692					

F. [illegible] Pg. 6

765420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
1100 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

NOTES RED _____ JOB NO. 611111 SURVEY OF N. Santa Fe Springs
DATE _____ SURVEY BY Burkholder
NOTES CHKD. G. E. BARR NOTES BY D.C. DATE May-1965
DATE BY _____ TRIPOD _____ G. T. CALLE _____ DATE _____

F. B. 3304 PG. 7

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
+.P	97.692					
+	6.149		6038			
π	103.841	+0708	+0705	+0.709		
−	5.441		5333			
+.P	98.400					
+	6.225		6157			
π	104.625	+1733	+1731	+1.734		
−	4.492		4426			
+.P	100.133					
+	6.057		5953			
π	106.190	+1309	+1310	+1.310		
−	4.748		4643			
+.P.	101.442					
+	5.755		5652			
π	107.197	+0750	+0749	+0.751		
−	5.005		4903			
+.P.	102.192					
+	5.490		5381			
π	107.682	+0264	+0261	+0.265		
−	5.226		5120			
+.P	102.456					
+	5.362		5170			
π	107.818	+0306	+0307	+0.307		
−	5.056		4863			
+.P	102.762					
+	5.380		5227			
π	108.142	+0924	+0926	+0.925		
−	4.456		4301			
+.P	103.686					

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
+.P	103.686					
+	5.345		5228			
π	109.031	+0306	+0304	+0.307		
−	5.039		4924			
+.P.	103.992					
+	3.958		3955			
π	107.950	−1274	−1276	−1.273		
−	5.232		5231			
+.P	102.718					
+	5.556		5461			
π	108.274	+0376	+0374	+0.377		
−	5.180		5087			
+.P	103.094					
+	5.997		5865			
π	109.091	+0462	+0462	+0463		
−	5.535		5403			
+.P	103.556					
+	5.332		5223			
π	108.888	−0491	−0495	−0.490		
−	5.823		5718			
+.P	103.065					
+	5.757		5637			
π	108.822	−0081	−0083	−0.080		
−	5.838		5720			
+.P	102.984					
+	5.413		5327			
π	108.397	−0424	−0425	−0.423		
−	5.837		5752			
+.P.	102.560					

NOTES RED
DATE
NOTES CHK. G. L. BARR
DATE DEC 9 '68

JOB NO. 6111.11 6112.11 SURVEY OF N. Santa Fe Springs'
SURVEY BY Bulkholder
NOTES BY D. L. DATE May-1965
INDEXED C. J. GALLI DATE

F. B. 2304 PG. 8

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Do not extend notes this side of this line

NOTES RED _____ JOB NO. 6111.11 SURVEY OF N. Santa Fe Springs
DATE _____ SURVEY BY Bullinger
NOTES CHKD G. E. BARR NOTES BY D.L. DATE 4/21-1965
DATE DEC 7 '66 (REVISED) G. J. GALLI (CHKD)

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	102.560					
+	5.085		4951			
π	107.645	-0284	-0282	-0.263		
−	5.369		5233			
T.P.	102.276					
+	5.905		5816			
π	108.181	+2557	+2559	+2.556		
−	3.348		3257			
T.P.	104.833					
+	6.102		5953			
π	110.935	+2093	+2093	+2.094		
−	4.009		3860			
T.P.	106.926					
+	5.988		5888			
π	112.914	+1933	+1934	+1.934		
−	4.055		3954			
T.P.	108.859					
+	5.585	+1316	5673	+1.317		
π	114.444	+0316	+0316			
−	4.270		4357			
T.P.	110.174					
+	5.296		5384			
π	115.470	+0124	+0126	+0.124		
−	5.172		5258			
T.P.	110.298					
+	5.396		5313			
π	115.694	-0413	-0412	-0.413		
−	5.809		5725			
T.P.	109.885					

F. B. 3304 Pg. 9

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
+P	109.885					
+	5.072		4960			
π	114.957	-0190	-0192	-0.190		
-	5.262		5152			
+P	109.695					
+	6.083		5930			
π	115.778	+4326	+4327	+4.327		
-	1.757		1603			
+P	114.021					
+	3.700		3437			
π	117.721	-0993	-0995	-0.993		
-	4.693		4432			
+P	113.028					
+	5.755		5601			
π	118.783	+1685	+1686	+1.686		
-	4.070		3915			
+P	114.713					
+	4.795		4653			
π	119.508	+2224	+2224	+2.225		
-	2.571		2429			
+P	116.937					
+	6.032		6170			
π	122.969	+2338	+2340	+2.339		
-	3.694		3830			
+P	119.275					
+	5.878		5747			
π	125.153	+3249	+3250	+3.250		
-	2.629		2497			
+P	122.524					

JOB NO. 611111 SURVEY OF N. Santa Fe Springs NOTES RED. DATE
SURVEY BY Bulkholder NOTES BY D. G. J. GALLI DATE May-1965 NOTES SHEET DATE
INDEXED DATE

F. B. 3304 PG. 10

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
+-P	122,524					
+	4,017		3876			
π	126,541	+0577	+0575	+0.578		
−	3,440		3301			
+P	123,101					
+	4,749		4661			
π	127,850	-1289	-1293	-1.289		
−	6,038		5954			
+P	121,812					
+	4,382		4294			
π	126,194	+0577	+0579	+0.578		
−	3,805		3715			
+BM-+22	122,389				122.405	+BM-+22 = Sy 1125-A. Norwalk El 122.614
+	3,962		3749			1960 L.A. Co. Rd Dept. Lft W'ly Cb
π	126,351	-1208	-1208	-1.208		Shoemaker Ave. 80'± N. ℄ Imp. Hwy
−	5,170		4957			& 32'± W'ly ℄ Shoemaker Ave
+BM-+23	121,181				121.197	+BM-+23 = Sy-1126 El-121.480
+	3,038		2787			L.ft W. end Conc Step to Ho# 13011
π	124,219	-0442	-0444	-0.442		50'± N. ℄ Imp. Hwy & 133'± E of
−	3,480		3231			℄ Shoemaker Ave
+P	120,739					
+	5,576		5827			
π	126,315	+4462	+4462	+4.463		
−	1,114		1365			
BM SD 1226	125,201				125.218	BM SD 1226 Elev. FB 3304-11
+	1,328		1255			Leffingwell Rd & Painter Ave
π	126,529	-4815	-4817	-4.815		Set Bt. spk & Ld in Cb, 2' N. of S end Cb.
−	6,143		6072			196'± N. & 19.5 W. of St. Int
+P	120,386					

NOTES RED ____ JOB NO. 611111 SURVEY OF N. Santa Fe Springs
DATE ____ SURVEY BY Burkholder
NOTES CHKD. G. E. BAND NOTES BY D.L. DATE 5-65
DATE SEC 9-65 INDEXED G. J. GALLI DATE

F. B. 3304 Pg. 11

76S420 S & E-353.9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
+.P	120.386					
+	3.583		3683			
π	123.969	-2357	-2358	-2.357		
-	5.940		6041			
+.P	118.029					
+	3.673		3574			
π	121.702	-2549	-2548	-2.549		
-	6.222		6122			
+.P	115.480					
+	1.253		1163			
π	116.733	-4854	-4852	-4.854		
-	6.107		6015			
+.P	110.626					
+	1.686		1589			
π	112.312	+0592	+0592	+0.593		
-	1.094		0997			
B.M.S.D.1227 (set)	111.218				111.236	BMSD 1227 Elev. FB3304-12
+	2.952		2871			Leffingwell Rd & Fidel Ave
π	114.170	-0110	-0107	-0.110		Fd L/t in conc wall, to ho# 13149
-	3.062		2978			52'± E. & 55'± N. of St. Int.
+.P.	111.108					
+	6.244		6153			
π	117.352	+2937	+2938	+2.938		
-	3.307		3215			
+.P	114.045					
+	5.922		6019			
π	119.967	+1808	+1807	+1.809		
-	4.114		4212			
+P	115.853					

F. B. 3304 PG. 12

JOB NO. 611111 SURVEY OF N. Santa Fe Springs
SURVEY BY Burkholder
NOTES BY D. C. J. GALLI DATE May-1965
INDEXED DATE
NOTES RED. DATE
NOTES CHK'D G. E. BARR DATE DEC 9 '66

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
+.P.	115,853					
+	5,384		5296			
π	121,237	+1239	+1239	+1.240		
−	4,145		4057			
(Set) BM-SD 1228	117,092				117.113	BM SD 1228 Elev FB3304-13
+	4,358		4301			ON West side of Fidel AVE
π	121,450	+0266	+0268	+0.267		Set Bt spk & Ld in Cb. 10' S.
−	4,092		4033			of driveway to No # 12321
+.P	117,358					
+	5,495		5401			
π	122,853	+1222	+1222	+1.222		
−	4,273		4179			
+.P	118,580					
+	6,083		5995			
π	124,663	+2049	+2051	+2.050		
−	4,034		3944			
+.P.	120,629					
+	5,959		6033			
π	126,588	+1997	+1998	+1.998		
−	3,962		4035			
+.P.	122,626					
+	6,195		6119			
π	128,821	+2312	+2309	+2.313		
−	3,884		3810			
+.P.	124,937					
+	6,022		6093			
π	130,959	+2633	+2635	+2.634		
−	3,389		3458			
BM	127,570					BM SD 1229

NOTES RED. JOB NO. 611111 SURVEY OF N. Santa Fe Springs
DATE SURVEY BY Burkholder
NOTES CHKD. G. E. BARR NOTES BY D.L. DATE May-1965
DATE Dec 9 '66 INDEXED E. J. GALLI DATE

F. B 3304 Pg. 13

76S420 S & E-353-9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMSD 1229	127570				127.597	BMS.D. 1229 ELEV FB3304-
+	4876		4812			Fidel AVE & SUNSHINE AVE
⊼	132446	+0365	+0367	+0.366		Fd Bt spk in N.W. Cor of Conc DR
−	4511		4445			to ho # 13202 And 78' ± E. &
+.P	127935					22' ± S. of St Int.
+	5687		5553			
⊼	133622	+0856	+0857	+0.857		
−	4831		4696			
+.P	128791					
+	5498		5557			
⊼	134289	+1629	+1632	+1.630		
−	3869		3925			
+P	130420					
+	6066		6118			
⊼	136486	+2107	+2106	+2.108		
−	3959		4012			
+.P	132527					
+	6221		6150			
⊼	138748	+2873	+2877	+2.874		
−	3348		3273			
+.P	135400					
+	6214		6172			
⊼	141614	+3343	+3345	+3.344		
−	2871		2827			
BM SD 1230	138743				138.776	BMSD1230
+	5875		5963			Fidel AVE & Beaty AVE
⊼	144618	+1684	1685	+1.685		Fd Bt spk in N.E. Cor DR Way
−	4191		4278			to ho # 11804, And 89' ± S. &
+.P	140427					27' ± E flum St. Int.

JOB NO. 6MM1 6M2M1 SURVEY OF N. Santa Fe Springs NOTES RED. DATE
SURVEY BY Bulkholder NOTES CHKD G. E. BARR
NOTES BY D.L. DATE 5-65 DATE DEC 9 '65
INDEXED C. J. GALLI DATE

F.B. 3304 Pg. 14

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
+.P.	140.427 ✓					
+	6023		5954			
π	146.450 ✓	+2858	+2858	+2.859		
-	3165		3096			
+.P.	143285 ✓					
+	6200		6135			
π	149485 ✓	+3049	+3053	+3.050		
-	3151		3082			
+.P	146334 ✓					
+	6230		6182			
π	152564 ✓	+3375	+3371	+3.376		
-	2855		2811			
+.P	149709 ✓					
+	5998		5912			
π	155.707 ✓	+1599	+1600	+1.600		
-	4399		4312			
+.P.	151.308 ✓					
+	5378		5520			
π	156686 ✓	+1053	+1055	+1054		
-	4325		4465			
+.P	152361 ✓					
+	5873		6115			
π	158234 ✓	+2030	+2030	+2.031		
-	3843		4085			
+.P	154391 ✓					
+	6008		5999			
π	160399 ✓	+1979	+1981	+1.980		
-	4029		4018			
+P	156370 ✓					

NOTES RED _____ JOB NO. 611111 SURVEY OF N. Santa Fe Springs
DATE _____ SURVEY BY Bur Rhodes
NOTES CHKD. G. E. BARR NOTES BY D. L. G. J. GALLE DATE May-1965
DATE DEC 9 '66 INDEXED _____ DATE _____

F. B. 3204 PG. 15

76S420 S & E-353 9-55

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JOB NO. 611111 SURVEY OF N. Santa Fe Springs NOTES RED.
SURVEY BY Bulkhalter DATE
NOTES BY D. L. GALLI DATE 5-65 NOTES CHK'D G. E. BARR DEC 9 '65
INDEXED DATE DATE

F. B. 3304 PG. 16

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	156370					
+	6113		6027			
π	162483	+2095	+2094	+2.096		
−	4018		3933			
T.P.	158465					
+	6158		6084			
π	164623	+2266	+2267	+2.267		
−	3892		3817			
T.P.	160731					
+	5263		5178			
π	165.994	+0631	+0635	+0.632		
−	4632		4543			
T.P.	161362					
+	5797		5945			
π	167.159	+2153	+2152	+2.153		
−	3644		3793			
BM (Fd) WZ-188	163515				163559	B.M. WZ188 No Record. Carmenita Rd. & Lukay St. N.E. Cor. Bt. Spk in Ld. 5' N. of N.Cb. Ret. (Painted BM. WZ-188)
+	5.076		5.099			
π	168.591	+ 0.270	+ 0.271	+0.270		
−	4.806		4.828			
T.P.	163.785					
+	5.384		5.412			
π	169.169	+ 0.606	+ 0.605	+0.606		
−	4.778		4.807			
T.P.	164.391					
+	5.318		5.339			
π	169.709	+ 0.647	+ 0.650	+0.647		
−	4.671		4.689			
T.P.	165.038					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	165.038					
+	5.403		5.420			
π	170.441	+ 0.657	+ 0.655	+0.657		
-	4.746		4.765			
T.P.	165.695					
+	5.530		5.544			
π	171.225	+ 0.699	+ 0.699	+0.699		
-	4.831		4.845			
T.P.	166.394					
+	5.412		5.430			
π	171.806	+ 0.357	+ 0.357	+0.357		
-	5.055		5.073			
T.P.	166.751					
+	5.639		5.658			
π	172.390	+ 0.684	+ 0.682	+0.684		
-	4.955		4.976			
T.P.	167.435					
+	5.438		5.475			
π	172.873	+ 0.581	+ 0.582	+0.581		
-	4.857		4.893			
T.P.	168.016					
+	5.605		5.622			
π	173.621	+ 1.021	+ 1.021	+1.021		
-	4.584		4.601			
T.P.	169.037					
+	5.847		5.860			
π	174.884	+ 1.499	+ 1.500	+1.499		
-	4.348		4.360			
T.P.	170.536					

NOTES RED _____ JOB NO. 6112-11 SURVEY OF N. Santa Fe Springs
DATE _____ SURVEY BY Burkholder
NOTES CHKD. G. E. BARR NOTES BY E.L.B. DATE 5-16-55
DATE DEC - 9 '55 INDEXED G. J. GALLI DATE

F. B. 3304 PG. 17

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 6111.11 6112.11 SURVEY OF N. Santa Fe Springs NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 5-6-65 NOTES CHK. G. E. BARR
INDEXED C. J. GALLI DATE DATE DEC 9 '68

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	170.536					
+	3.685		3.008			
⌅	173.621	- 3.000	- 3.003	-3.000		
-	6.085		6.011			
T.P.	167.536					
+	1.379		1.268			
⌅	168.915	- 4.713	- 4.713	-4.713		
-	6.092		5.981			
T.P.	162.823					
+	2.506		2.420			
⌅	165.329	- 2.751	- 2.751	-2.751		
-	5.257		5.171			
T.P.	160.072					
+	5.051		5.006			
⌅	165.123	+ 1.854	+ 1.854	+1.854		
-	3.197		3.152			
T.P.	161.926					
+	6.051		5.960			
⌅	167.977	+ 1.710	+ 1.713	+1.710		
-	4.341		4.247			
T.P.	163.636					
+	3.443		3.398			
⌅	167.079	-2.634	- 2.633	-2.634		
-	6.077		6.031			
T.P.	161.002					
+	3.867		3.789			
⌅	164.869	- 1.916	- 1.915	-1.916		
-	5.783		5.704			
T.P.	159.086					

F.B. 3304 PG. 18

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	159.086					
+	3.092		2.938			
⌅	162.178	- 2.880	- 2.878	-2.881		
-	5.972		5.876			
(Fd.) B.M. 4-8	156.206				156.249	156.249 1965 ADJ. B.M. 4-8 El. ~~156.273 (1962~~ Adj.) F.B. 1205-13, In the vicinity of Santa Fe Springs @ the Int. of Telegraph & Carmenita Rd. 15' E'ly from Approx ℄ of Carmenita Rd. & 12' S'wly of Approx ℄ of Telegraph Rd. in a well Cut thru pvmt. and protected by a C.I. Cover Mkd. "County Survey or Mon." A std. brass 4" Tablet inscribed "L.A. County Survey Control System Trav. Sta. Whittier G-8 R.E. 2177" Set by County Surveyor 1942" Set in Conc. 2" below Subgrade of street.
+	5.561		5.442			
⌅	161.767	+ 0.606	+ 0.605	+0.607		
-	4.955		4.837			
T.P.	156.812					
+	5.444		5.461			
⌅	162.256	+ 0.507	+0.508	+0.508		
-	4.937		4.953			
T.P.	157.319					
+	5.973		6.007			
⌅	163.292	+ 1.046	+ 1.046	+1.047		
-	4.927		4.961			
T.P.	158.365					
+	4.755		4.788			
⌅	163.120	+ 0.289	+ 0.291	+0.290		
-	4.466		4.497			
T.P.	158.654					
+	5.512		5.545			
⌅	164.166	+ 0.620	+ 0.622	+0.621		
-	4.892		4.923			
T.P.	159.274					
+	5.361		5.376			
⌅	164.635	- 0.335	- 0.339	-0.334		
-	5.696		5.715			
T.P.	158.939					

NOTES RED
DATE
NOTES CHKD. G. E. Bauman
DATE 4-8
INDEXED
DATE

JOB NO. 6112.11 SURVEY OF N. Santa Fe Springs
SURVEY BY Burkholder
NOTES BY
DATE 5-6-65
G. E. GALL
DATE

F.B. 3304 Pg. 19

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	158.939					
+	4.406		4.346			
⊼	163.345	- 1.198	- 1.199	-1.197		
-	5.604		5.545			
T.P.	157.741					
+	5.541		5.564			
⊼	163.282	+ 1.057	+ 1.054	+1.058		
-	4.484		4.510			
T.P.	158.798					
+	6.232		6.190			
⊼	165.030	+ 1.262	+ 1.263	+1.263		
-	4.970		4.927			
T.P.	160.060					
+	4.532		4.557			
⊼	164.592	- 0.638	- 0.634	-0.637		
-	5.170		5.191			
T.P.	159.422					
+	3.547		3.648			
⊼	162.969	- 2.250	- 2.240	-2.249		
-	5.775		5.888			
(Fd) B.M. 4-10B	157.194				157.226	= 157.226 1965 ADJ. B.M. 4-10B El. = ~~157.386~~ (1962 Adj.) F.B. 931-7 F.B. 1205-15 Telegraph Rd & Shoemaker Ave. 31.4' E. of ℄ Shoemaker Ave., 29.4' S. of ℄ Telegraph Rd. & 7.0 NE'ly of Power Pole # 395125 E. A cut spk & W. set in Conc about 15" below Street Grade. Washer stamped "R.M. #2 R.E. 2177"

JOB NO. 6111.11 6112.11 SURVEY OF N. SANTA FE SPRINGS NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 5-6-65 NOTES CHK G. E. BARR
INDEXED C. J. GALLI DATE DATE DEC 9 '66

F.B. 3304 PG. 20

Notes Ck'd by G. L. Barth	Survey of N. Santa Fe Springs
Map No.	JN 6112.11 Tape 0292 Std 63 °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 5-10-65
Date	Indexed C. J. GALLI

F. B. 3304 PG. 21

J.N. 6112.11

NORTH SANTA FE SPRINGS

STORM DRAIN
PRELIMINARY SURVEY

Line "A" Pg# 23-32

For Location Improvements pg# 33-44
For Cross-Sections pg# 45-69

Burkholder
LeGault
Barkson
Merino

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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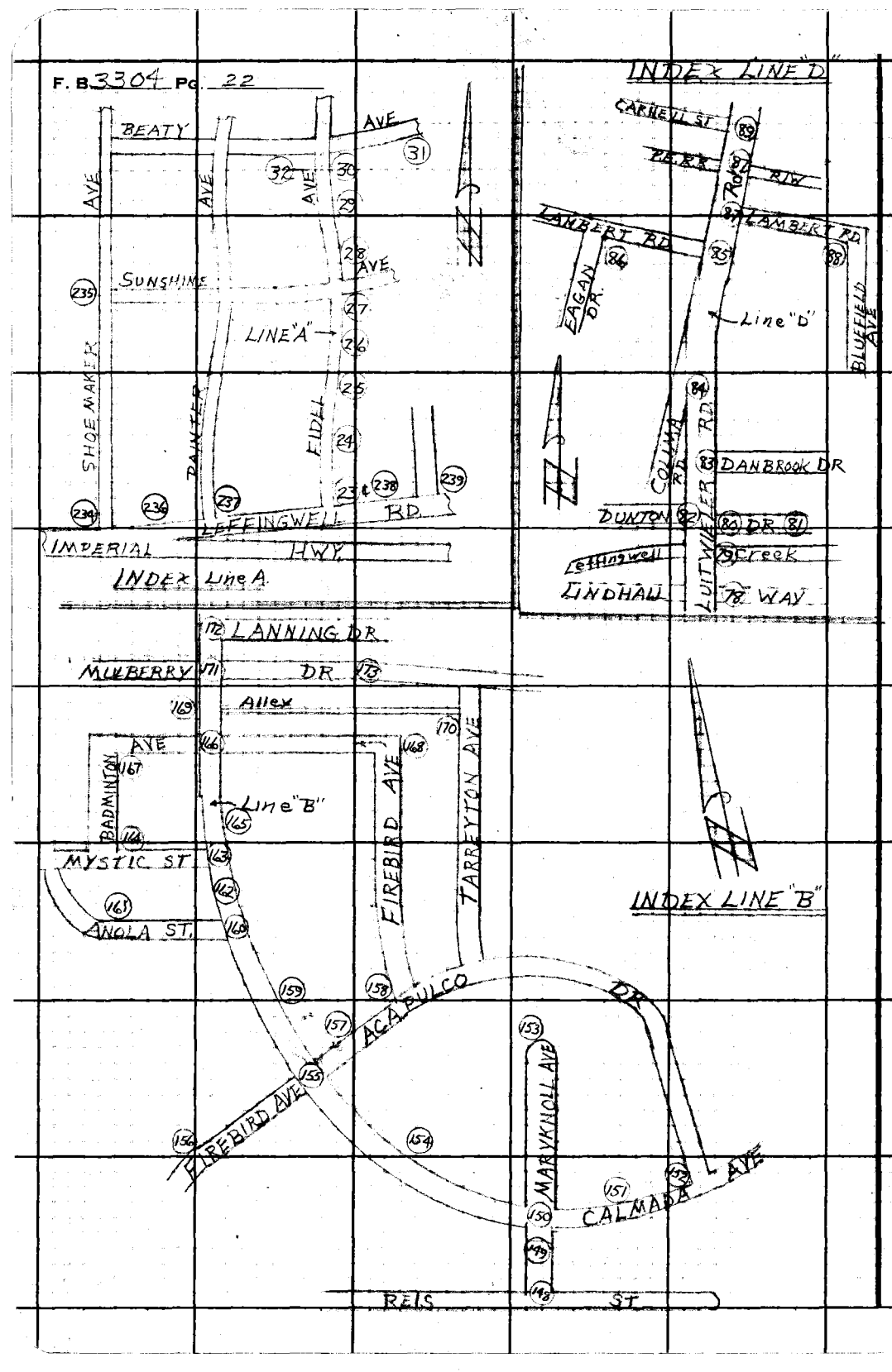
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-63

F. B. 3304 Pg. 22



LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

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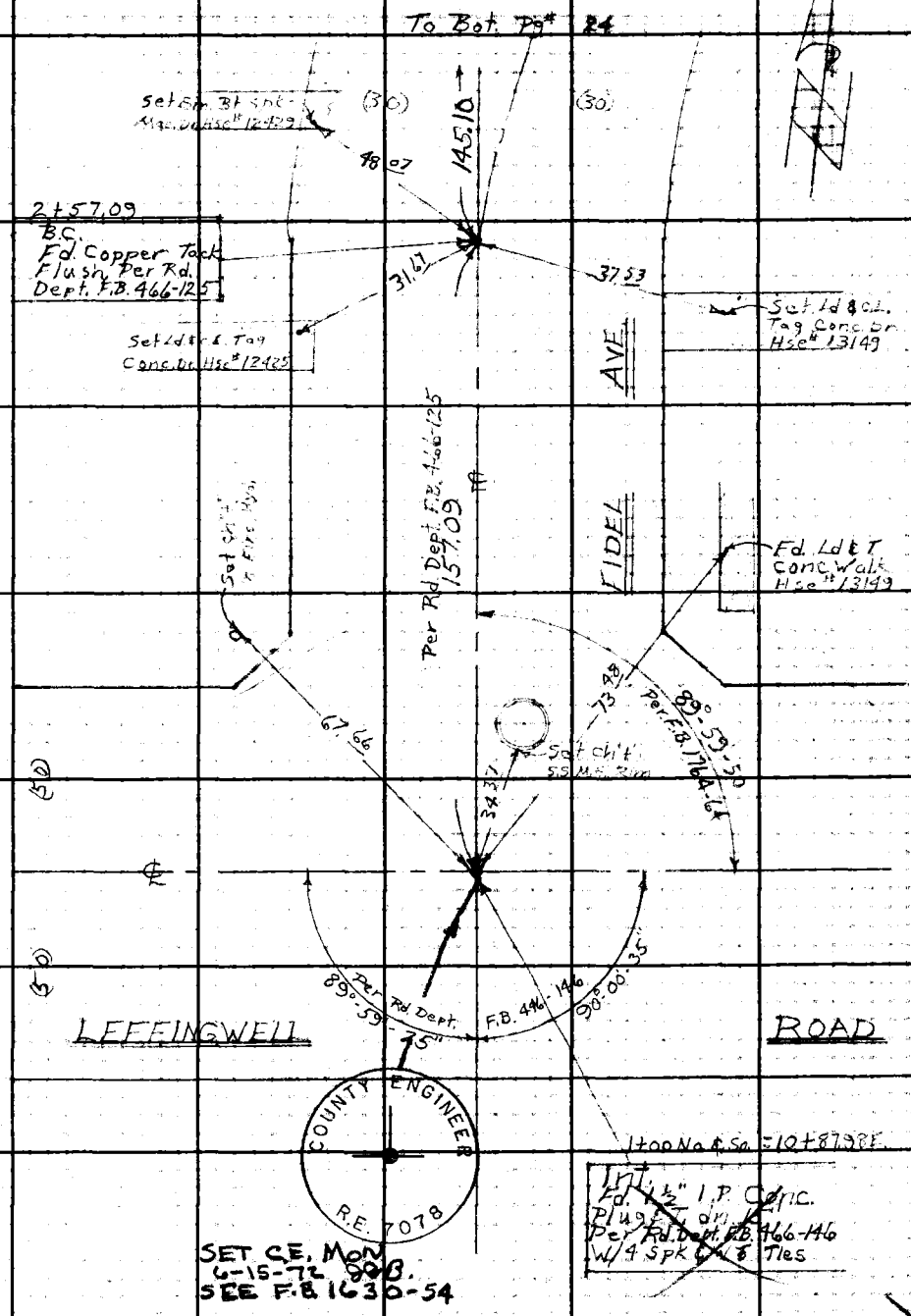
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs	F. B. 3304	PG. 23
Map No.	JN [illegible] Tape [illegible] Std 68 °F		
Office Work	Surveyed by Burkholder		
Checked	Notes D.L.B. Date [illegible]-10-65		
Date	Indexed C. J. GALLI		

W.S. 34 A-3



SET C.E. MON
6-15-72 [illegible]
SEE F.B. 1630-54

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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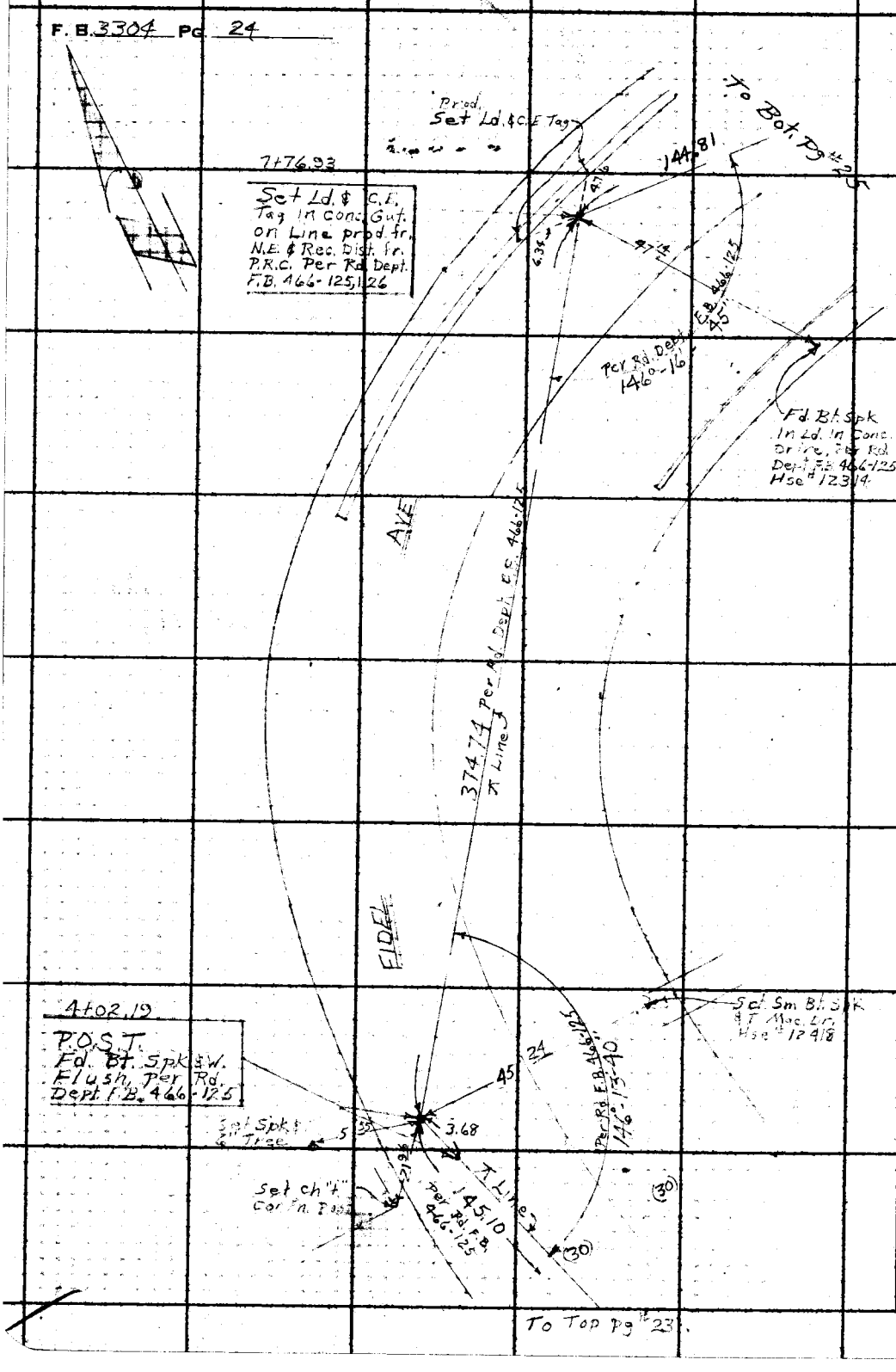
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3304 Pg. 24

WS34A-3



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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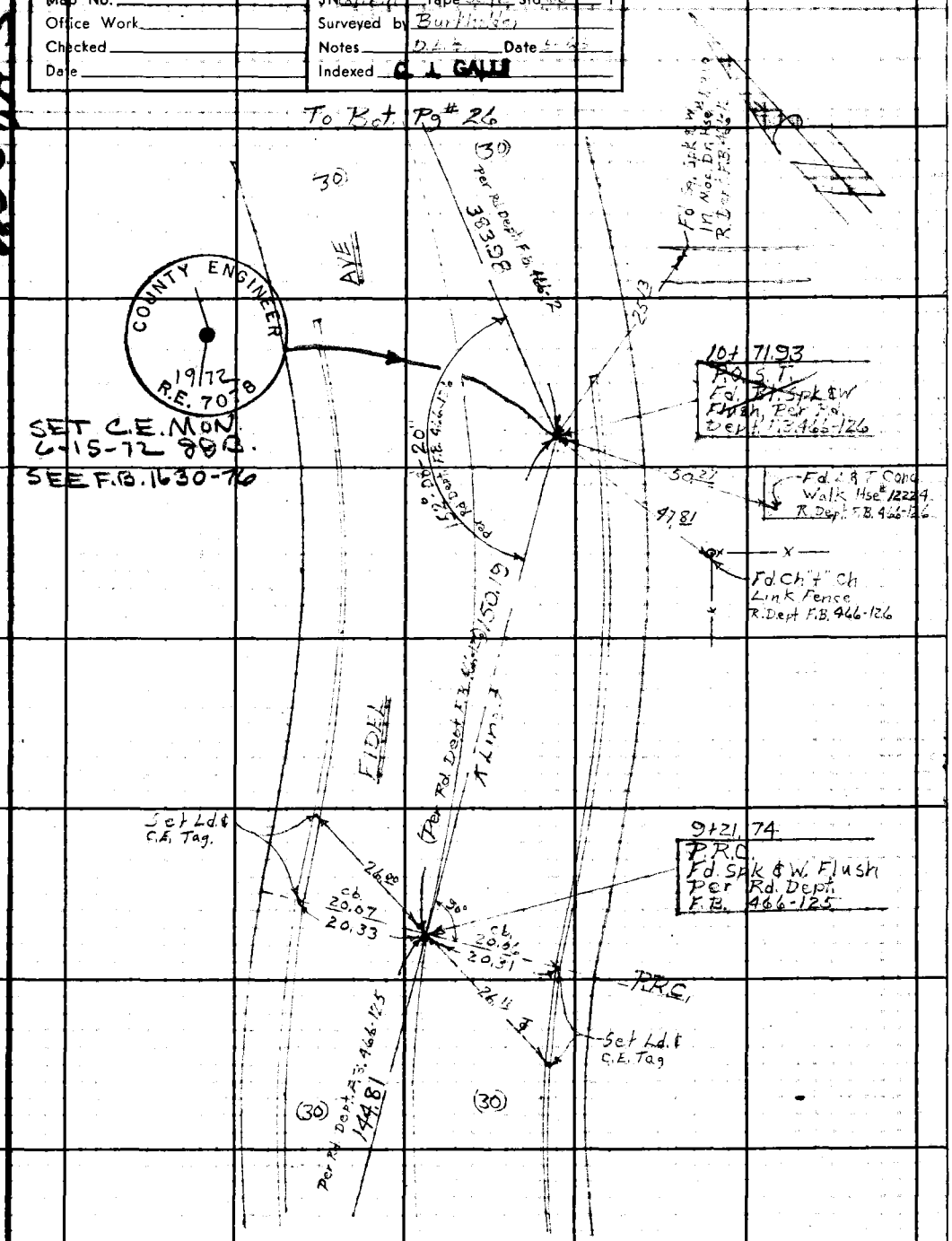
Notes Ck'd by G. L. BARR	Survey of N. Santa Fe Springs Co.
Map No.	JN 6116.11 Tape 0242 Std 68 °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 5-63
Date	Indexed C. J. GALLI

F. B. 3304 PG. 25



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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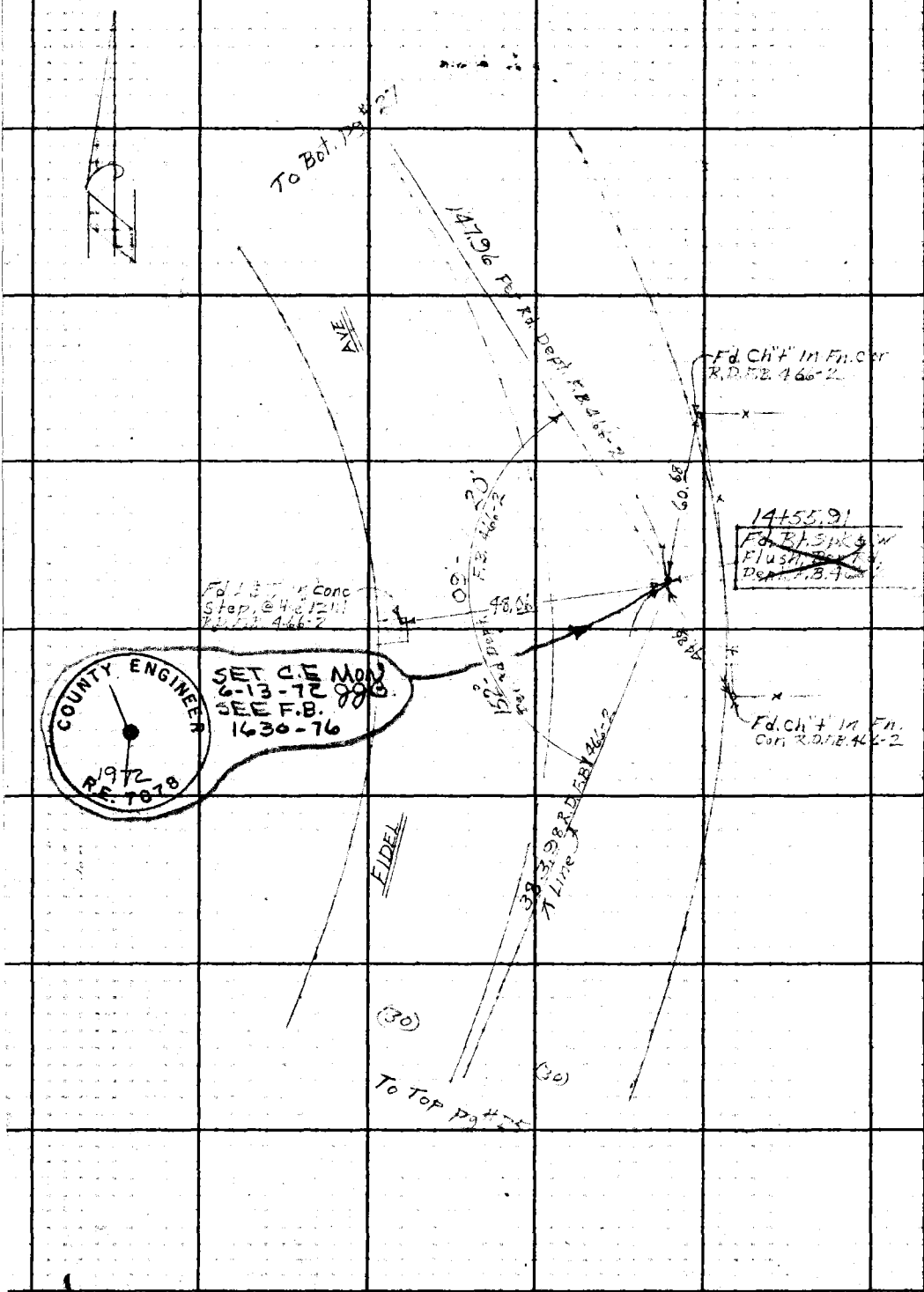
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3304 PG. 26



PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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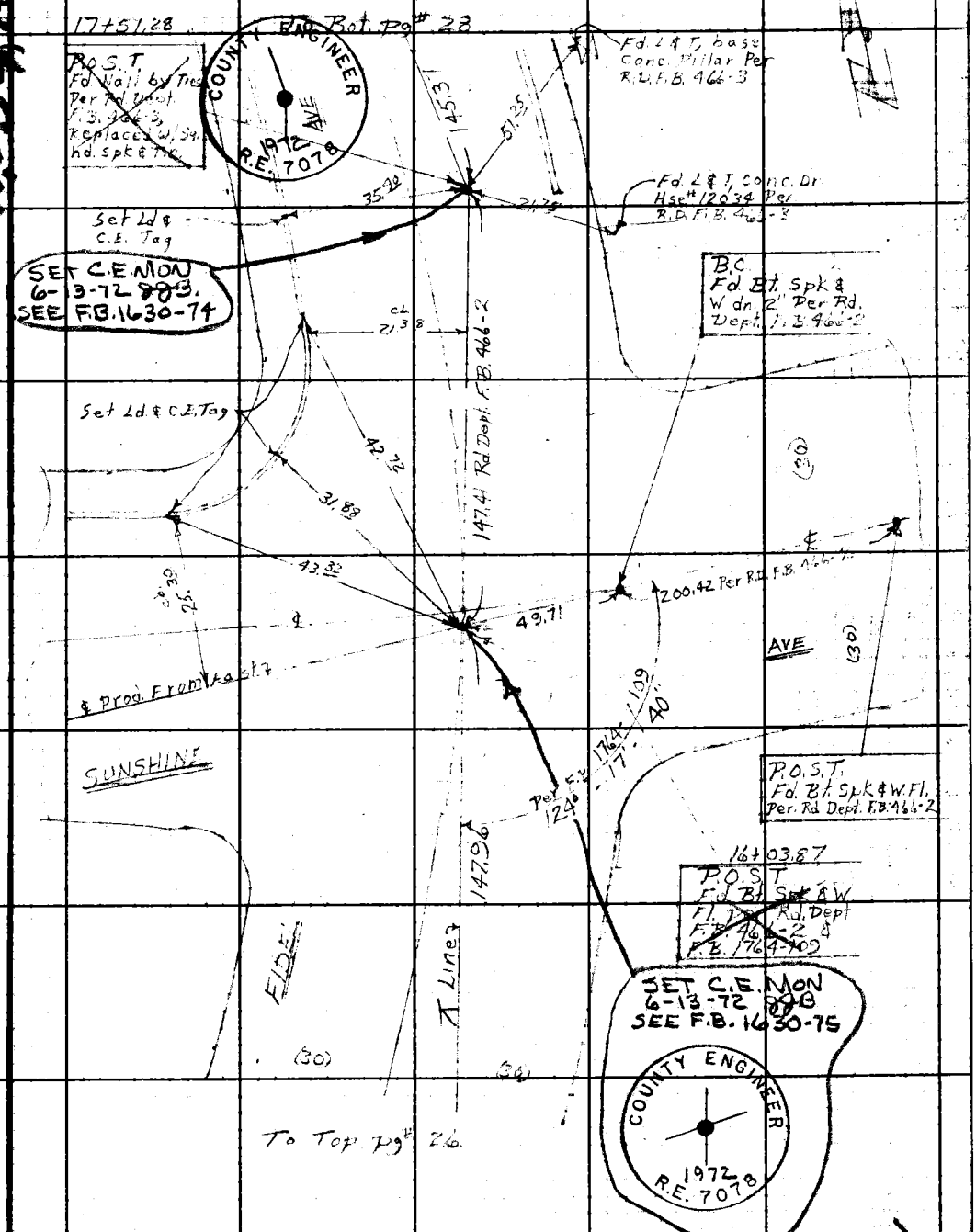
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Spring Lin "A"
Map No.	JN 6112.11 Tape Std 68 °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.K. Date
Date	Indexed C. J. GALLI

F. B. 3304 PG. 77

W534A-3



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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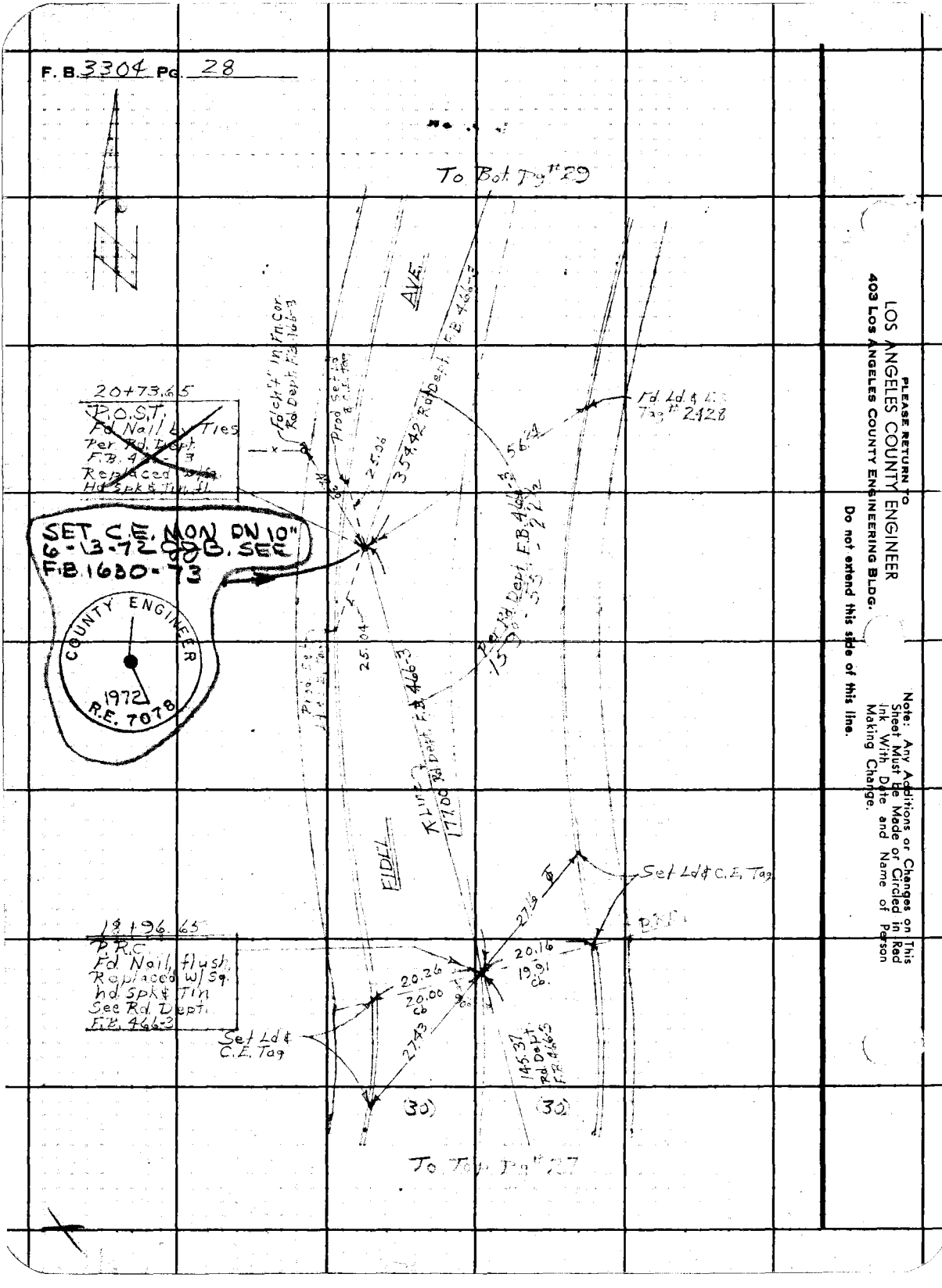
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-83

F. B. 3304 Pg. 28



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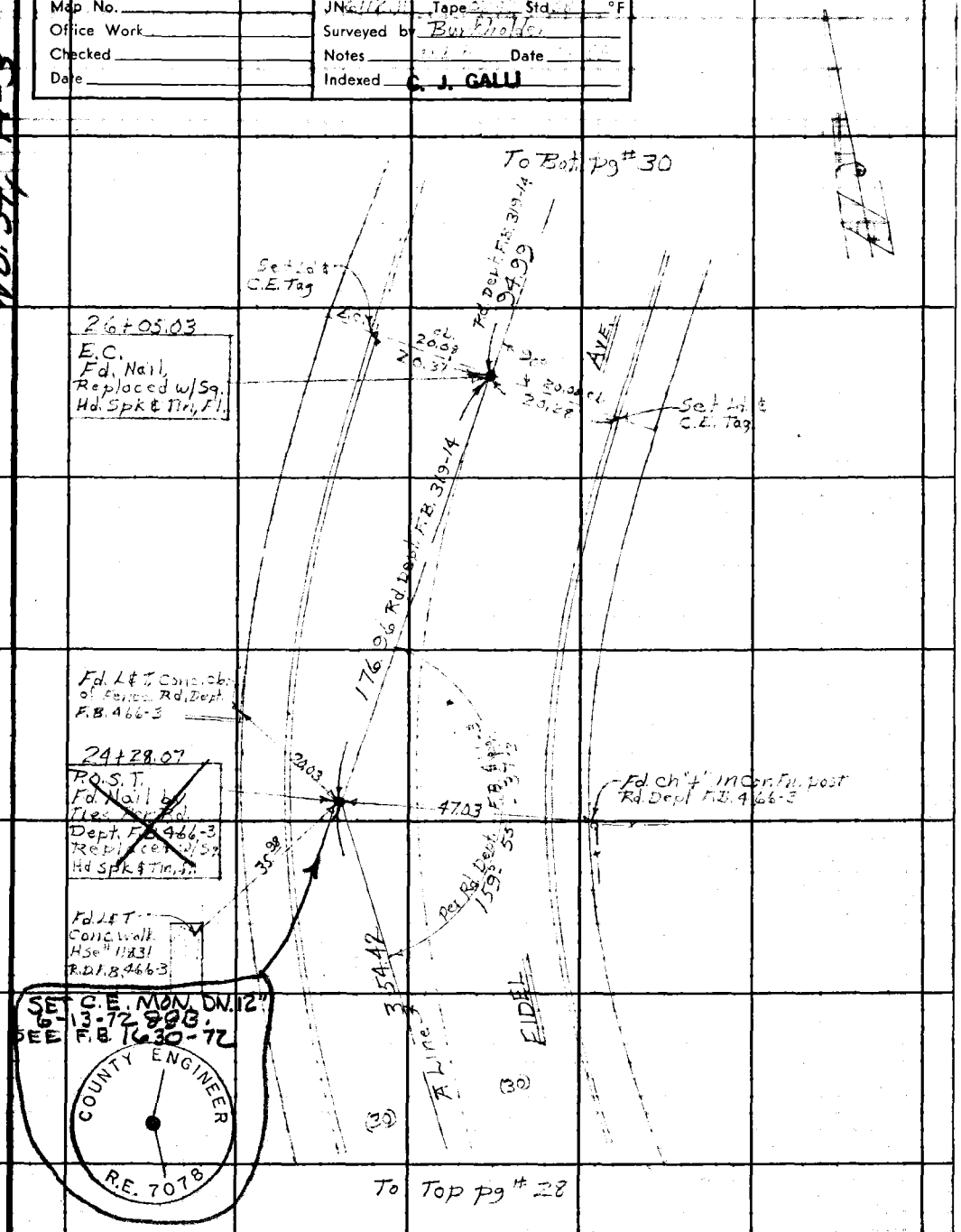
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line
Map No.	JN [illegible] Tape [illegible] Std. [illegible] °F
Office Work	Surveyed by Burkholder
Checked	Notes [illegible] Date [illegible]
Date	Indexed C. J. GALLI

F. B. 3304 PG. 29

WS. 34, A-3



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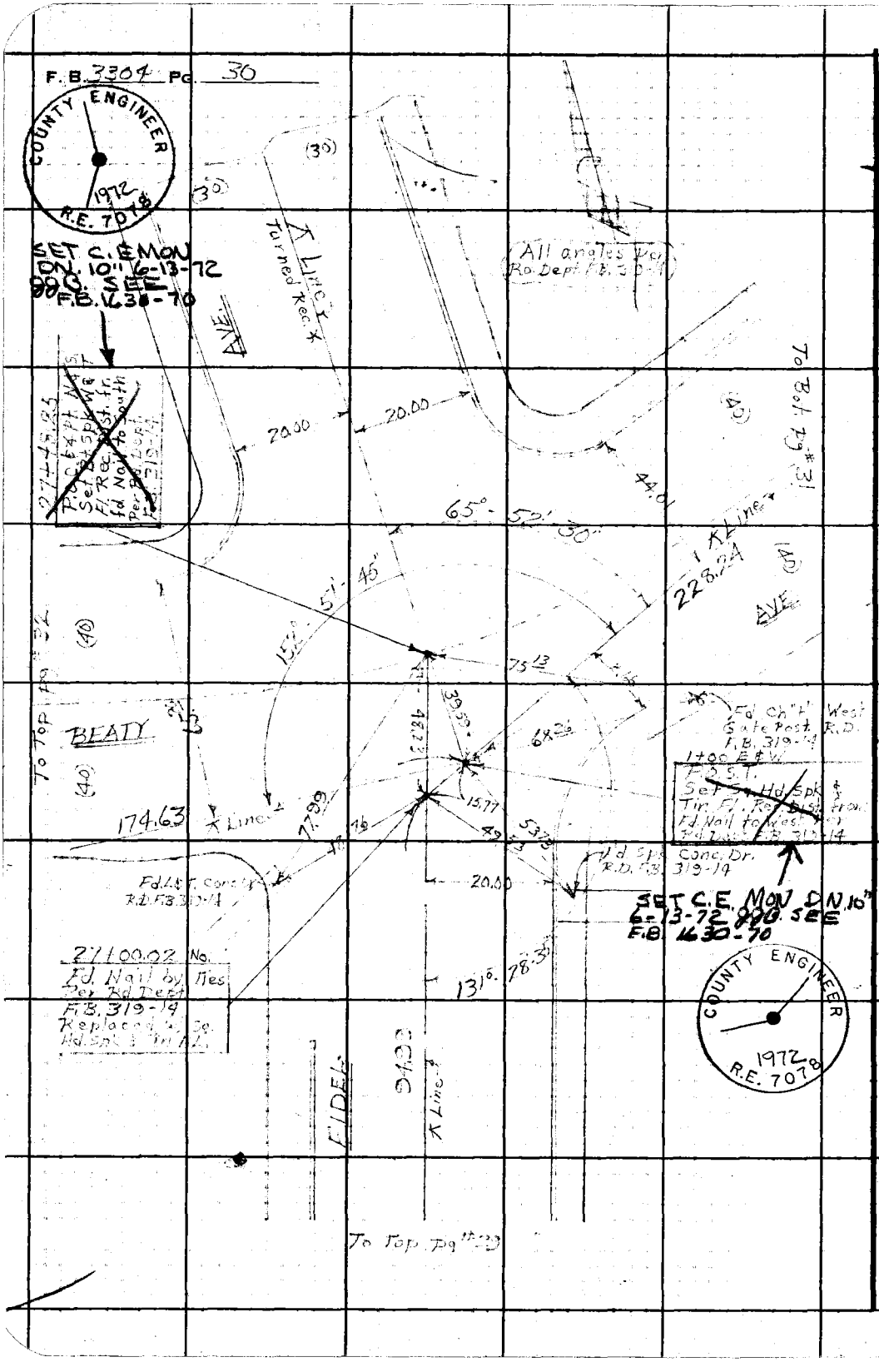
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63



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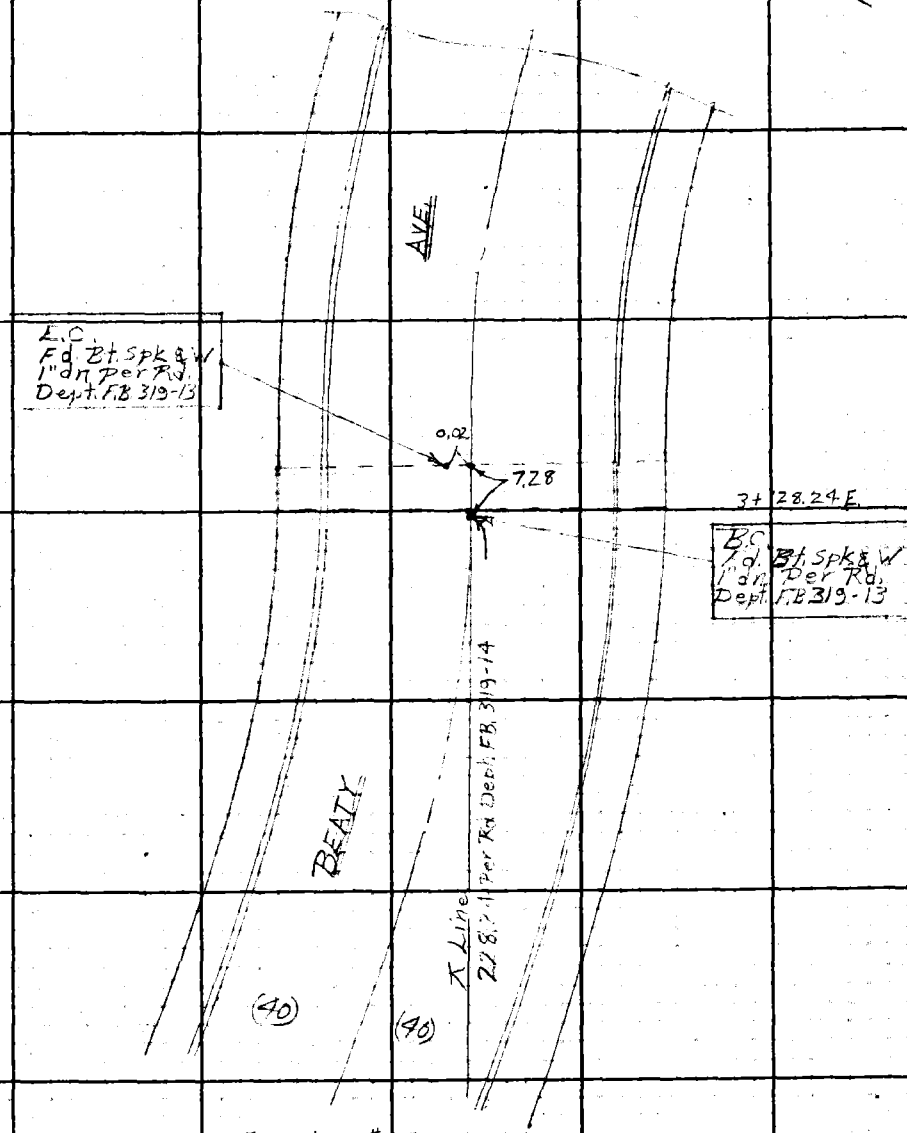
LINE A

Notes Ck'd by G. L. BARR	Survey of N. SANTA FE SPRINGS
Map No.	JN [illegible] Tape [illegible] Std [illegible] °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 5-[illegible]
Date	Indexed C. J. GALLI

F. B. 3304 PG. 31



To Rt. Pg# 30

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.

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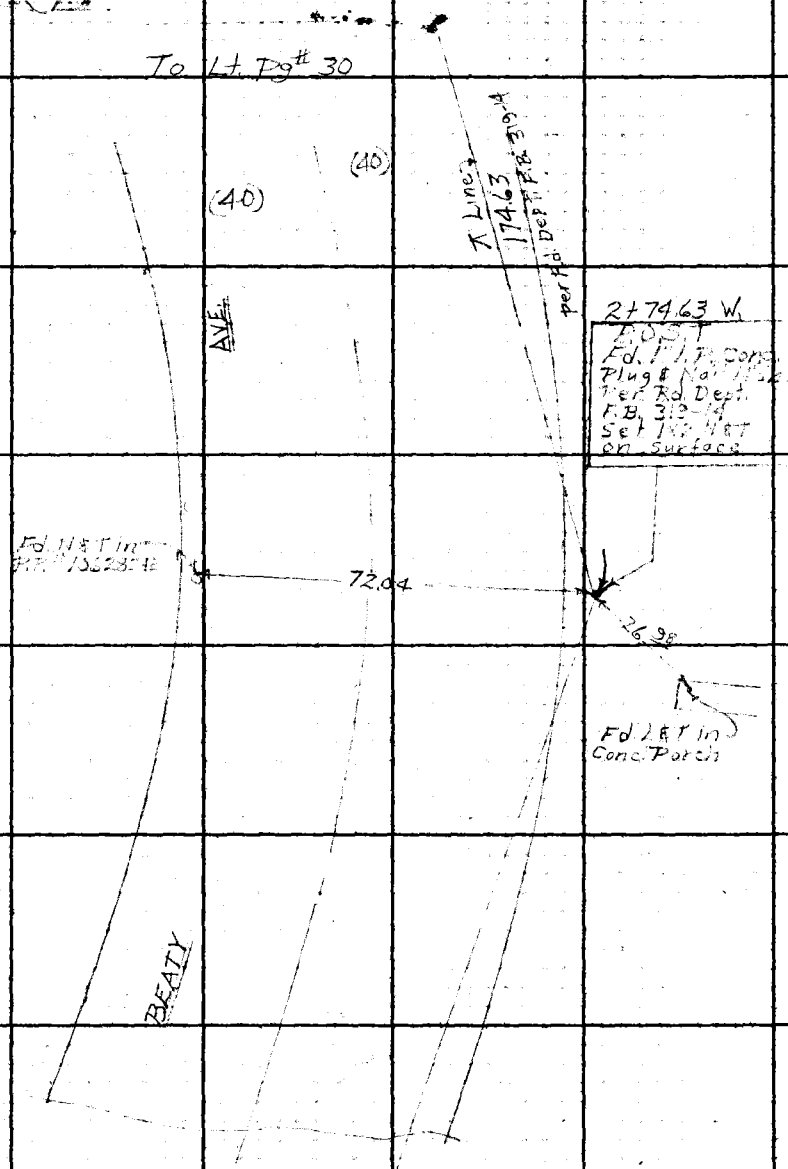
76F309S CE #310 6-63

F. B. 3304 Pg. 32



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 by	Survey of N. Santa Fe Springs SD
Map No.	JN 6112 " Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes LeGault Date 1965
Date	Indexed [illegible]

F. B. 3304 PG. 33

N. SANTA FE SPRINGS STORM DRAIN

J.N. 6112 "

FIDEL AVE

FROM - LEFFINGWELL AVE = 1+00
TO - BEATY AVE = 27+48 25

PARTY
Burkholder
LeGault
Bankson
Merino

Date - MAY 1965

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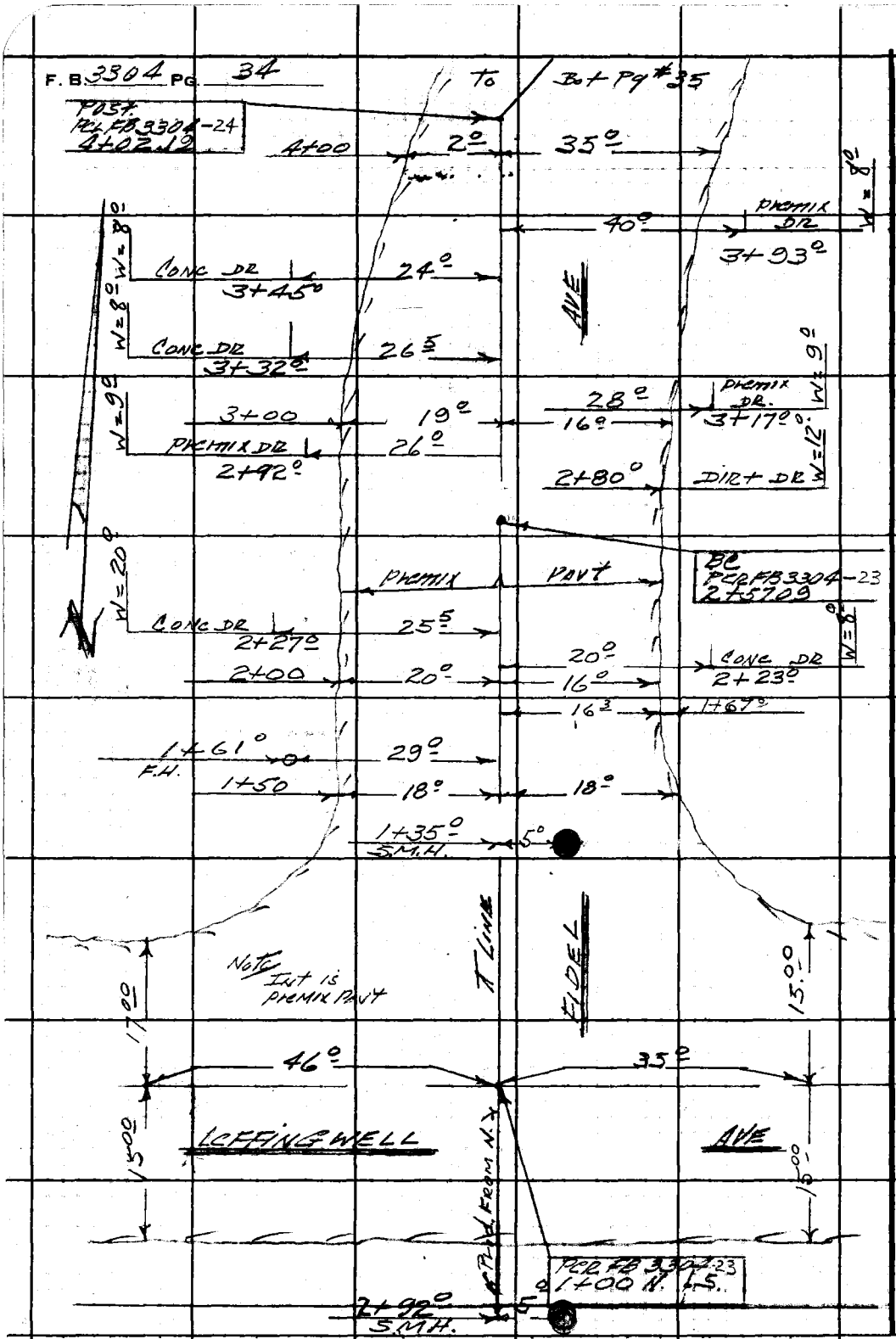
76F3099 CE #310 6-63



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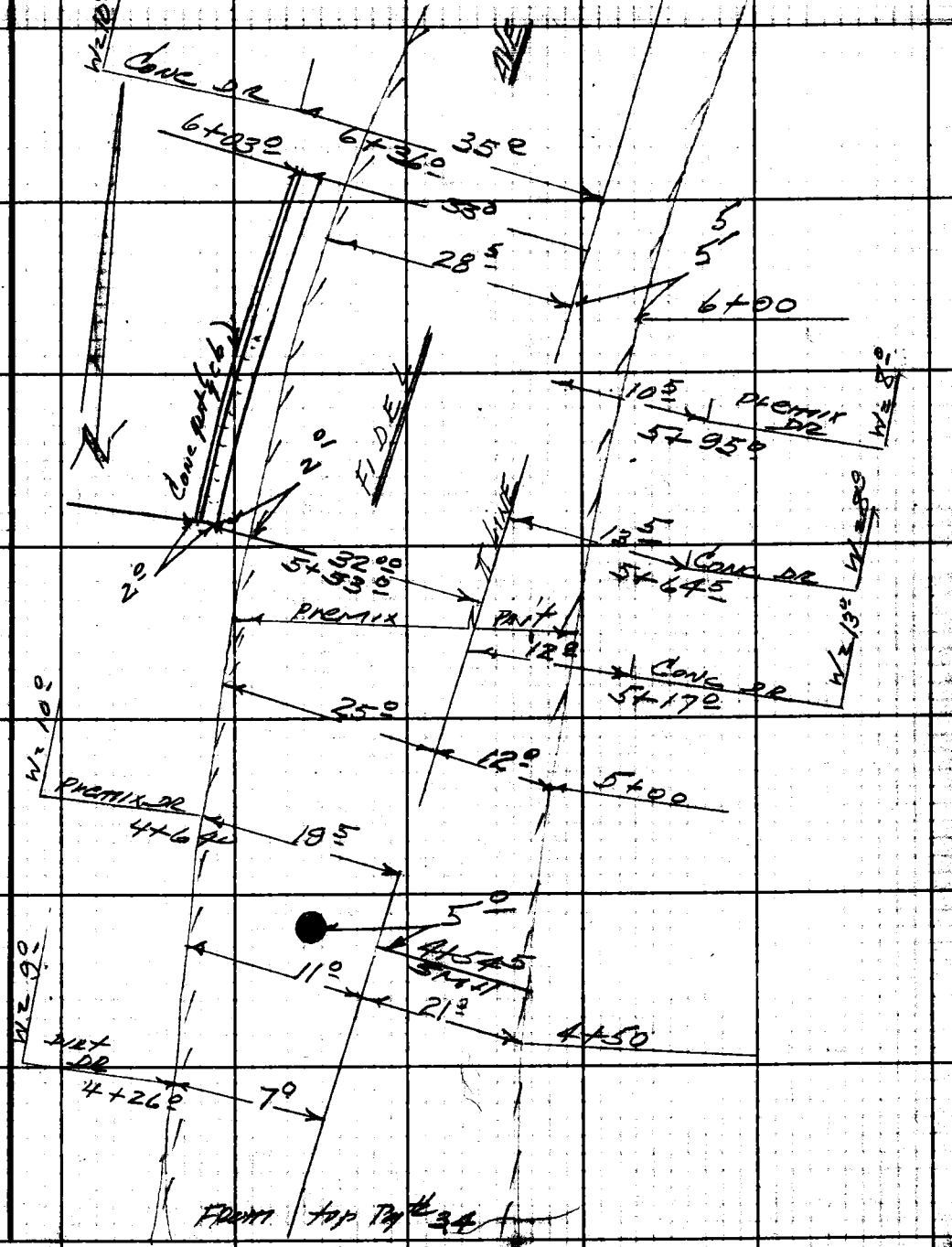
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of N. Santa Fe Springs 50
Map No.	JN 6112" Tape Std °F
Office Work	Surveyed by [illegible]
Checked	Notes L. Gault Date 1965
Date	Indexed C. J. GALLI

F. B. 3304 PG. 35

to bot Pg #36



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 this side of this line.

PLEASE RETURN TO
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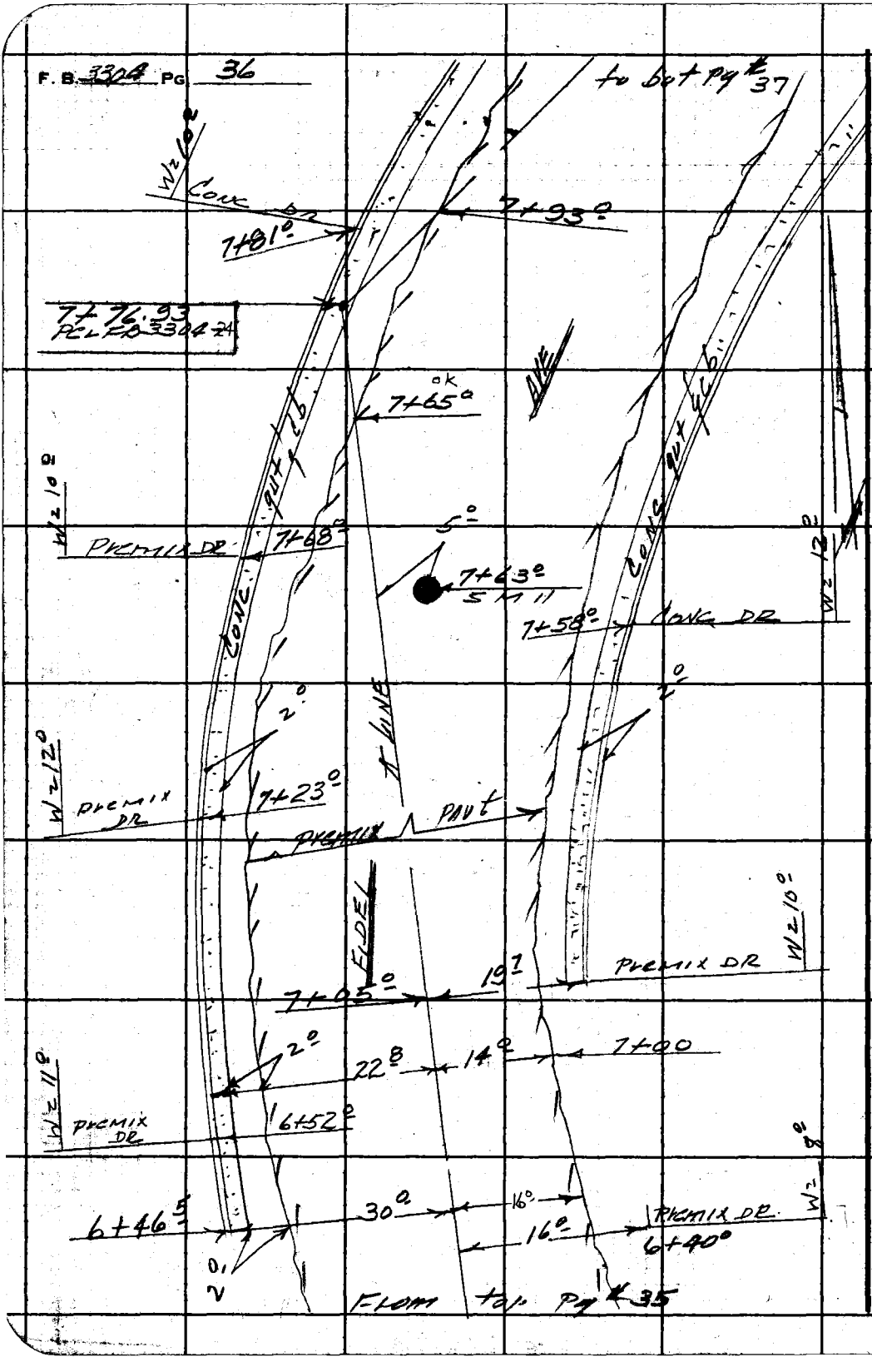
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

6+03
33

F. B. 3304 PG 36



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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
Map No.
Office Work
Checked
Date

Survey of
JN 6112" Tape Std °F
Surveyed by
Notes L.C. Gault Date 1965
Indexed C. J. Galli

F. B. 3304 Pg. 37

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

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PLEASE RETURN TO
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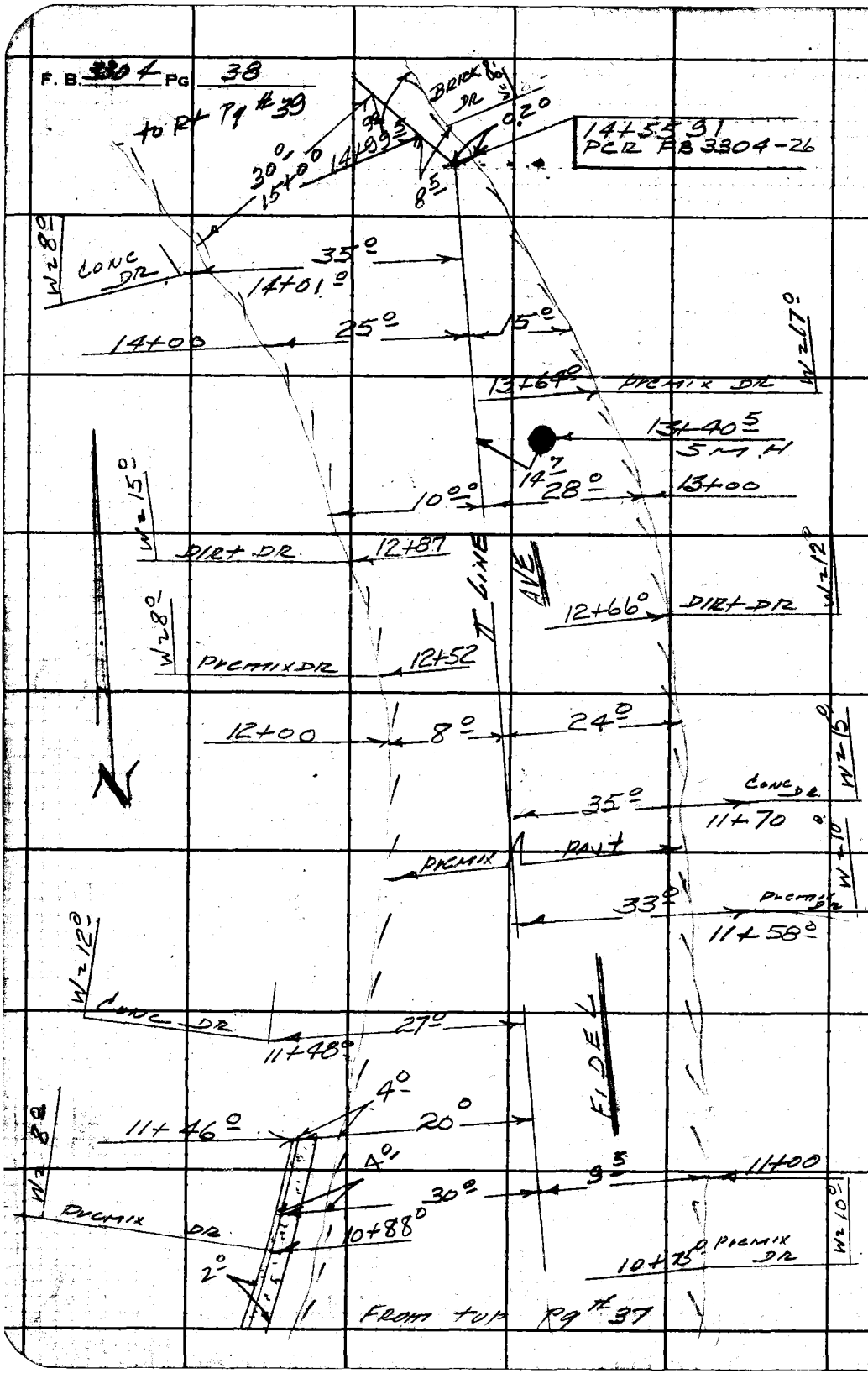
403 Los Angeles County Engineering Bldg.

76F3095 CE #3 0 6-62



PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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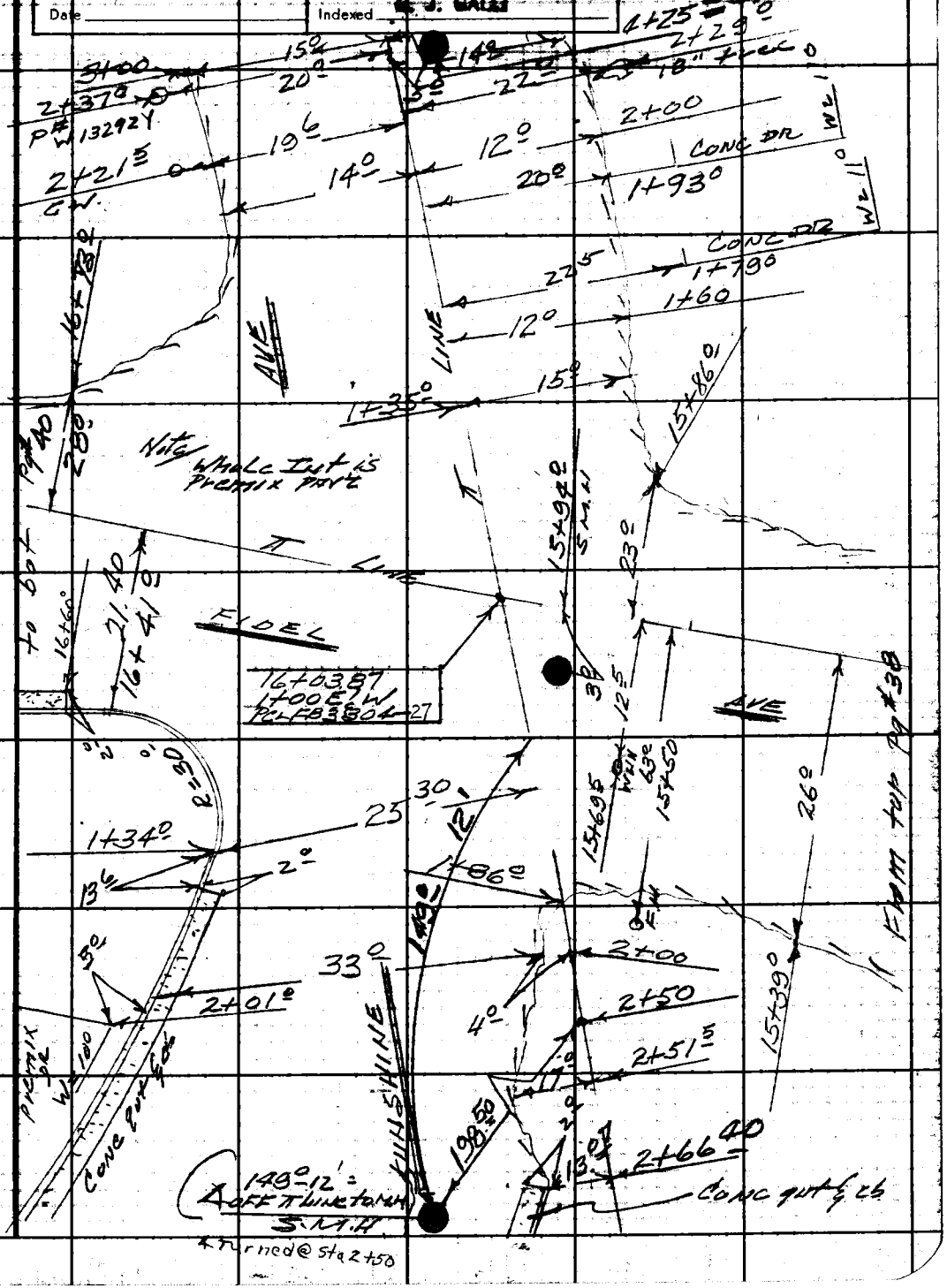
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of N. Santa Fe Spgs SD
Map No.	JN 6112" Tape Std °F
Office Work	Surveyed by Burholder
Checked	Notes LC Gault Date 1965
Date	Indexed G. J. Galli

F. B. 3304 PG. 39

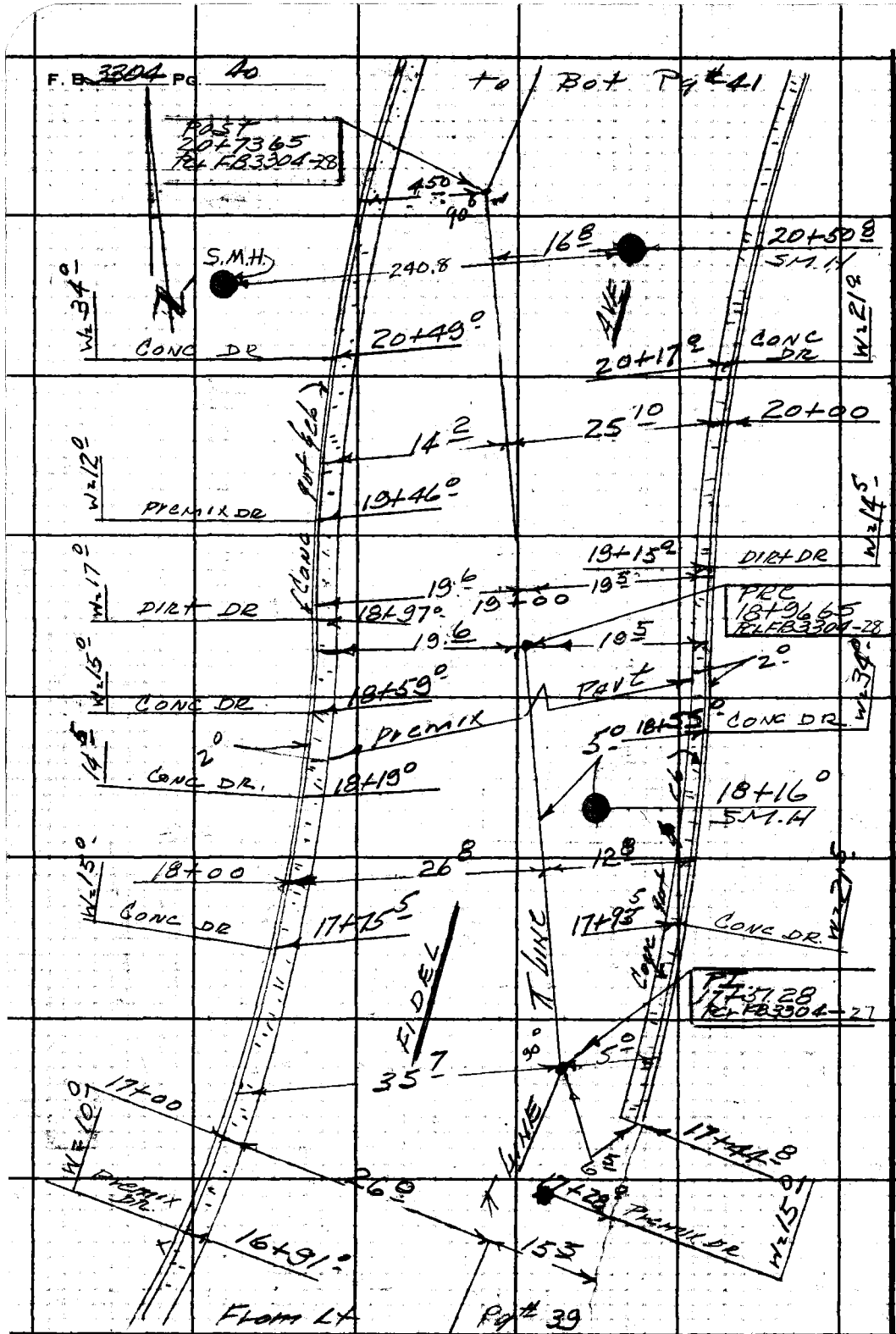


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE #310 6-63



PLEASE RETURN TO
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403 Los Angeles County Engineering Bldg.

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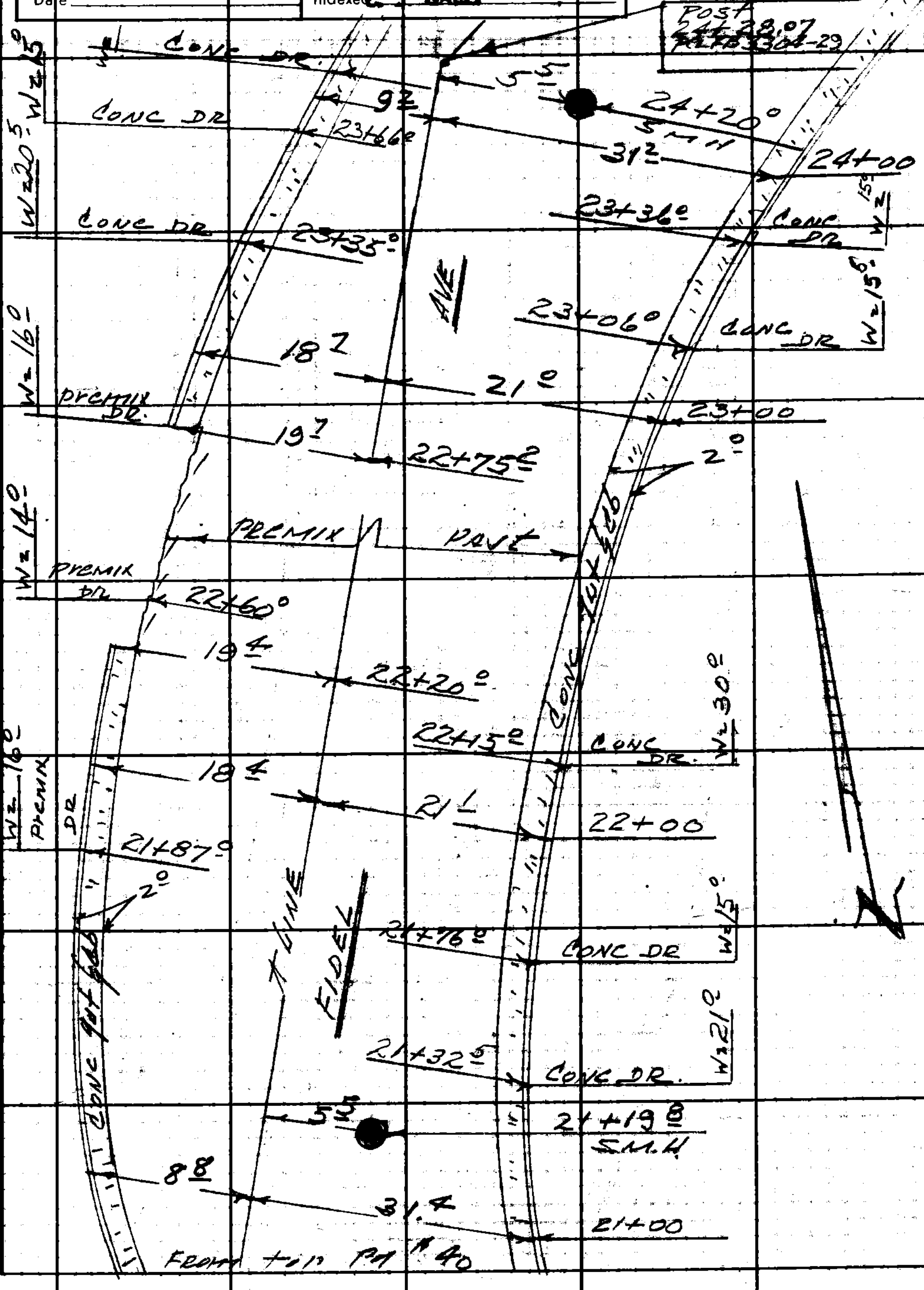
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of N. SANTA FE SPRINGS RD
Map No.	JN 61124 Tape ___ Std ___ °F
Office Work	Surveyed by BURKHOLDER
Checked	Notes LeGAULT Date 1965
Date	Indexed C. GALLI

F. B. 3304 PG. 41

to Bot Pg # 42



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

PLEASE RETURN TO
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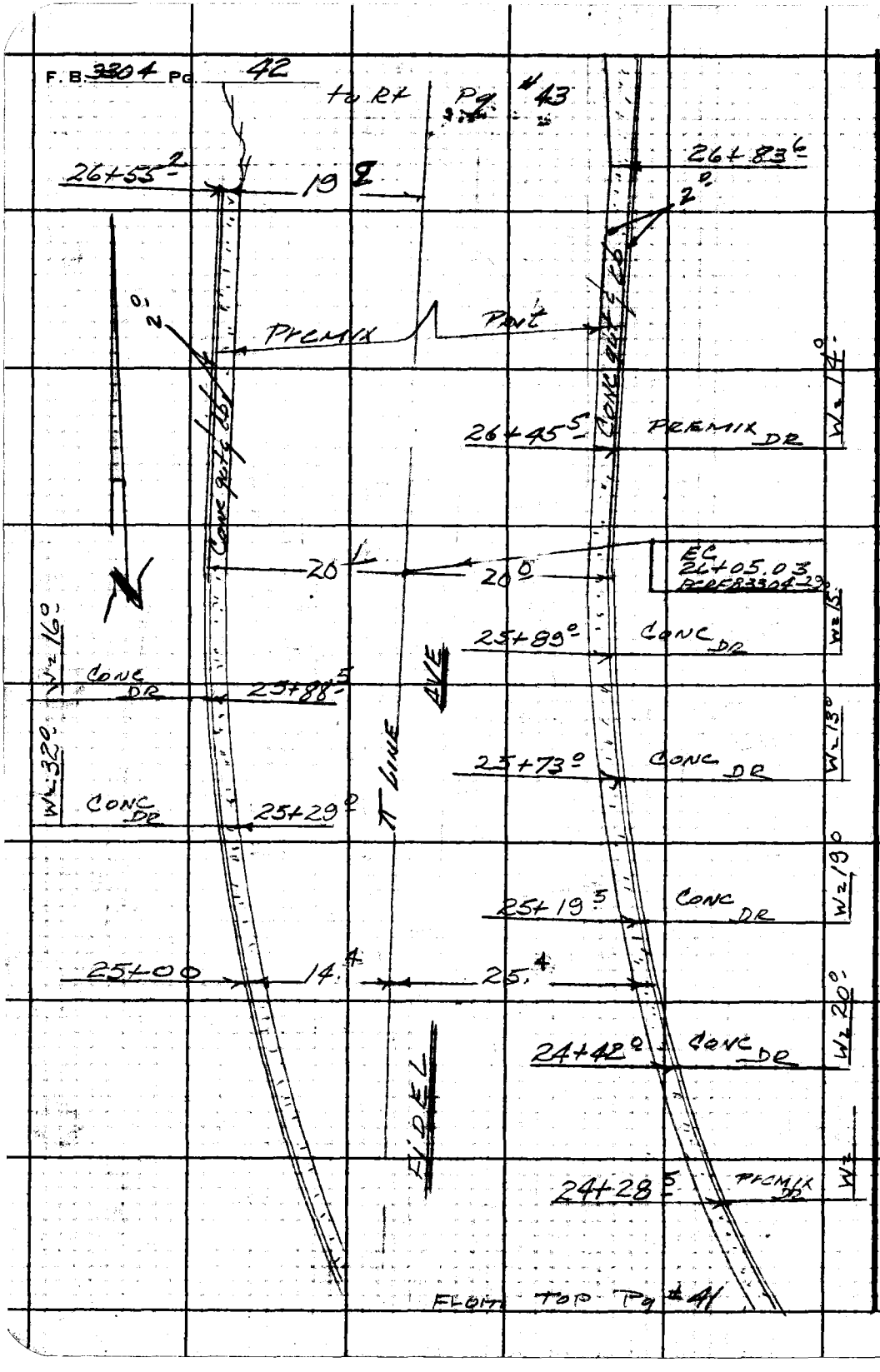
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F509S CE #310 6-53



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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76F309S CE #310 6-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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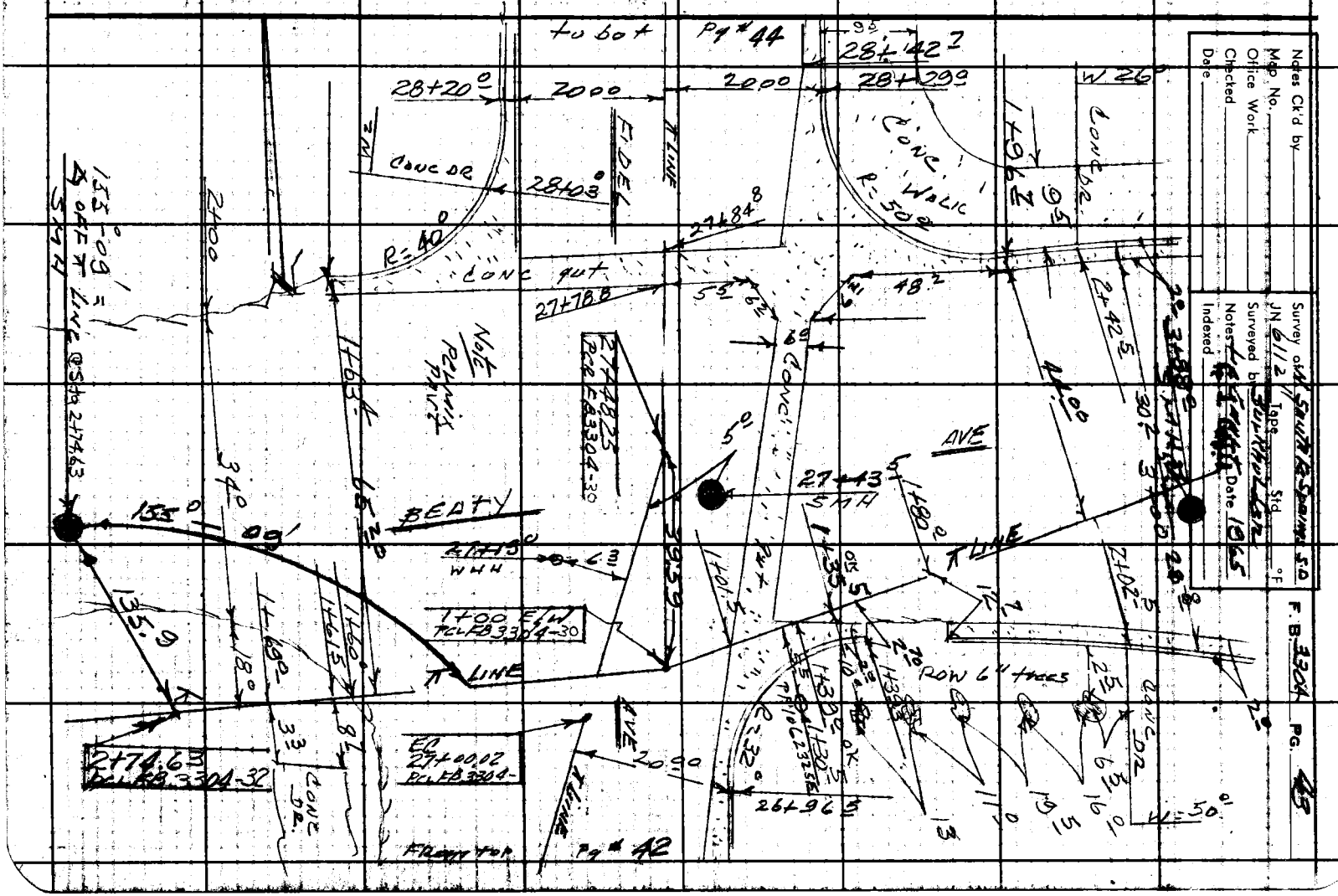
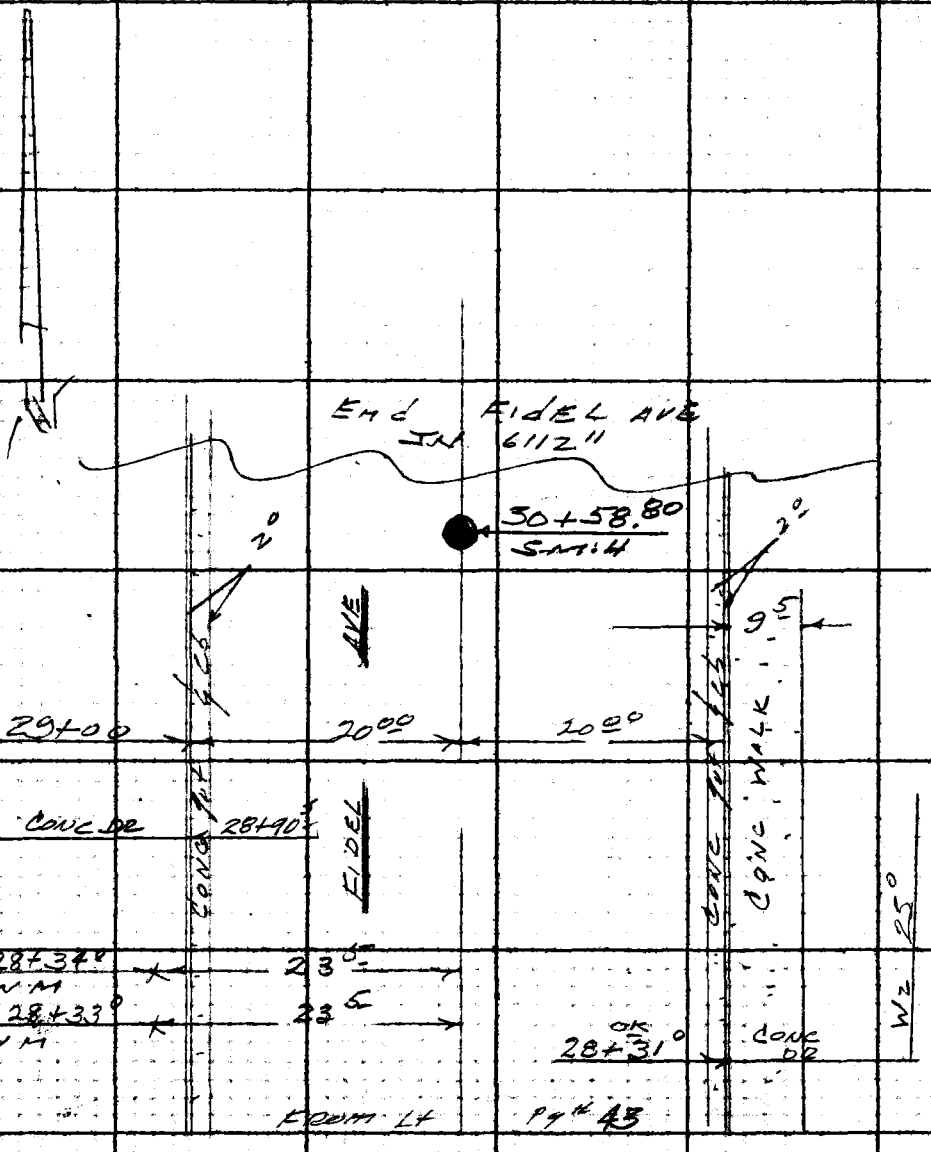
Do not extend this ... this line.



F. B. 3304 PG. 44



PLEASE RETURN TO
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403 Los Angeles County Engineering Bldg.
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Profile No.	Notes Rad.	Plotted	Job No. 6112.11	Division No. 11	F.B. 3304	Pg. 45
	Date	Date	Survey of N. Santa Fe Springs Line "A"			
X-Sec. No.	Notes Chkd.	Checked	Survey by Burkholder	Notes [illegible]	Date [illegible]	
	Date	Date	Map No.	Indexed J. [illegible]	Date	

J.N. 6112.11

No. SANTA FE SPRINGS

Line "A"

Cross-Sections

on Fidel Ave.

from Leffingwell Rd.

to - No. to Beaty Ave.

Burkholder
LeGault
Bankson
Merino

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

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76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & E. FIDEL AVE Rt. & W.				
B.M. S.D. 1227				111.22	B.M. S.D. 1227 El. = 111.218 F.B. 3304-12				
					Leffingwell Rd. & Fidel Ave, L&T in Conc Walk to				
					Hse # 13149, 52'± E. & 55'± No. of St. & Int.				
Leffingwell Rd. & Fidel Ave.	Going So. on ℄ Prod of Fidel Ave.								
1+00 N&S.									
1+15 So.				106.07			Edge Pvmt.		
2+92° So.				105.64	5° S.M.H.				
			No. Rim	103.41	No. Rim 103.41				
			So. Rim	103.41	Meas. 8.04				
					Top pipe 95.37				
					Diam. 0.67				
					Inv. No. Inlet 94.70				
Leffingwell Rd. & Fidel Ave.	Going No. on Fidel Ave. fr. Leffingwell Rt. & E.						Lt. & W.		
1+00 N&S				10.07					
1+35°							5° S.M.H.	E. Inlet	W. Inlet
			No. Rim	106.42	No. Rim 106.41	So. Rim	106.41	106.41	106.41
			So. Rim	106.41	Meas. 5.82	Meas.	5.85	5.50	5.59
					Top pipe 100.59	Top pipe	100.56	100.91	100.82
					Diam. 0.67	Diam	0.67	0.67	0.67
					Inv. No. Inlet 99.92	Inv. So. outlet	99.89	100.24	100.15

Profile No. X-Sec. No.
Plotted Date
Checked Date
Notes Red Date 5-65
Notes Chkd. Date
Division No. 11 Job No. 6112.11
Survey of N. Santa Fe Springs Line "A"
Survey by D.L.B. Notes Burkholder
Indexed C.J. GALLI Date
Pg. 46 3304

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W Fidel	Ave Rt. & E
1+60°				10673		
				10690		9° Rt. Prmt.
				10701		18° Rt. Edge Prmt.
				1073		19° Rt. Bot. Slope
				1091		30° Rt. Slope P/L
				10691	9° Lt. Prmt.	
				10686	18° Lt. Edge Prmt.	
				1069	21° Lt. F.L.	
				1072	30° Lt. P/L	
2+00				10730		
				10750		8° Rt. Prmt.
				10770		16° Rt. Edge Prmt.
				1082		18° Rt. Bot. Slope
				1095		30° Rt. Slope P/L.
				10760	10° Lt. Prmt.	
				10760	20° Lt. Edge Prmt.	
				1078	21° Lt. F.L.	
				1080	30° Lt. P/L.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 47
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "A"
Notes Chkd. ____ Checked ____ Survey by Burkindue Notes D.L.B. Date 5-65
Date ____ Date ____ Map No. ____ Indexed J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt & W. Fidel	Ave Rt & E.
3+00	T.P.			10907		
				10930		8° Rt. Prmt.
				10943		16° Rt. Edge Prmt
				10924		18 Rt. Bot. Slope
				1113		30 Rt. Slope P/L ±
				10918	9.5 Lt. Prmt.	
				10927	19° Lt. Edge Prmt.	
				10941	22 Lt. Bot. Slope	
				1100	30 Lt. Slope P/L ±	
4+00				11110		
				11086		18.5 Rt. F.L. ℄ ±
4+02.19 ∡ Pt.				11114		
4+54.5					5° Lt. S.M.H.	
		N. Rim		11188	No. Rim 111.85	S. Rim 111.85
		S. Rim		11183	Meas. 6.15	Meas. 6.17
					Top pipe 105.70	Top pipe 105.68
					Diam 0.67	Diam 0.67
					Inv. N. Inlet 105.03	Inv. S. outlet 105.01

F.B. 3304 Pg. 48
Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line "A" Date 5-65 Date No. X-Sec.
Survey by Burkholder Notes D.L.B. Notes Chkd. Checked
Indexed G. J. GALLI Date Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Fidel	Ave Rt. & E.
5+00				11270		
				11258	7° Lt. F.L. ℄±	
6+00				11475		
				11445	11° Lt. F.L. ℄±	
7+00	T.P.			11582		
S.D 12.28 =		117.08		11580	2° Lt. ℄±	
7+63°						5° Rt. S.M.H.
			N. Rim	11645	N. Rim 116.45	S. Rim 116.45
			S. Rim	11645	Meas. 6.77	Meas. 6.87
					Top pipe 109.68	Top pipe 109.58
					Diam 0.67	Diam 0.67
					Inv. N. inlet 109.01	Inv. S. outlet 108.91
7+76.93 ∡ pt.				11700		Conc. Gut.
8+00				11668		
				11626		11° Rt. F.L. ℄±
				11671		26° Rt. Prmt.
				11682		30° Rt. Edge Prmt
				11714		32³ Rt. Gut. out.
				11700		34² Rt. " in

Profile No. X-Sec. No. Notes Red Date Notes Chkd Date Plotted Date Checked Date Job No. 6112.11 Division No. 11 Survey by Burkholder Map No. Indexed C. J. Date Notes Date Date F.B. 3304 Pg. 49

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Fidel	★ Ave Rt. & E.
8+00				11763		34.2 Top Cb.
				1180		48° P/L ±
				11671	2° Edge Pvmt.	
				11710	5° Gut. out	
				11697	7° Gut. in	
				11756	7° Top Cb.	
				1176	15° Bot. Slope P/L ±	
9+00				11690		★ F.L.
10+00				11780		★
				11766	7.5 F.L ℄ ±	
10+60.5	S.M.H.				0.3 Lt	
		N.	Rim	11870	N. Rim 118.71	S. Rim 118.71
		S.	Rim	11873	Meas. 6.92	Meas. 7.00
					Top Pipe 111.79	Top Pipe 111.71
					Diam. 0.67	Diam 0.67
					Inv. N. Inlet 111.12	Inv. S. outlet 111.04
10+71.93 ∡Pt.				11888		

F.B. 3304 PG. 50 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line "A" Date 5-65 Date No. X-Sec.
Survey by D.L.B. Notes Burk. older Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Fidel	Ave.	Rt. & E.
11+00	℄ P			11919			
				11895	7° F.L. ℄±		
12+00				12027			
				12021		7° F.L. ℄±	
				12046		12° Pvmt.	
				12061		24° Edge Pvmt.	
				1210		37° P/L±	
				12042	8° Edge Pvmt.		
				1205	13° Bot. Slope		
				1260	28° Top Slope		
13+00				12176			
				12158		7° F.L. ℄±	
13+40.5						14° S.M.H.	
		N.	Rim	12244	N. Rim 122.46	S. Rim	122.46
		S.	Rim	12248	Meas. 6.70	Meas.	6.80
					Top pipe 115.76	Top pipe	115.66
					Diam. 0.67	Diam	0.67
					Inv. N. Inlet 115.09	Inv. S. outlet	114.99

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 51
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of N. Santa Fe Springs Line 'A'
Date ____ Map No. ____ Indexed C. J. GALLI Date ____ Survey by Burkholder Notes ____ Date ____

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F.B. 3304 Pg. 52 Job No. 6112.11 Division No. 11 Notes Red. Date 5-65 Plotted Date Profile No.
Survey of N. Santa Fe Springs Line "A" Notes Clkd. Checked Date X-Sec. No.
Survey by D.L.B. Notes Burkholder Date
Indexed C. J. GALLI Date

STATION	B.S.	H.I.	F.S.	ELEV.	Lt & W Fidel		Ave	Rt & E.		
14+00				12333						
				12326	4° F.L. ℄±					
14+65.91 ≠ Pt.		A.P.		12445						
15+00				12492						
				12473	12° F.L. ℄±					
15+29°				12531						
				12517	6° F.L. ℄±					
				12544	12° Prmt.					
				12577	27° Edge Prmt.					
				1270	40° P/L±					
15+50°				12564						
				12571			9° Prmt.			
				12585			18° Edge Prmt.			
				1267			27° P/L±			
15+74°				1260	F.L. ℄±					
15+94°					3° S.M.H.					
		N. Rim		12658	N. Rim	126.56	E. Rim 126.56	W. Rim	126.56	S. Rim 126.56
		S. Rim		12655	Meas.	6.95	Meas. 6.66	Meas.	6.70	Meas. 6.96
					Top pipe	119.61	Top Pipe 119.90	Top Pipe	119.80	Top Pipe 119.60
					Diam.	0.67	Diam. 0.67	Diam.	0.67	Diam. 0.67
					Inv. N. Inlet	118.94	Inv. E. Inlet 119.23	Inv. W. Inlet	119.13	Inv. S. Outlet 118.93

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & No. Sunshine	Ave. Rt. & So.
Fidel Ave & Sunshine Ave	Going East on			Sunshine Ave.		
16+03.87 N.	=1+00E			12652		
1+07				12636		F.L.
1+60				12670		
				12663		7.5 Pvmt.
				12655		15° Edge Pvmt.
				1277		30° P/L.
2+00				12726		
				12715		6° Pvmt
				12694		12° Edge pvmt.
				1274		30° Conc. on P/L.
				12715	7° Pvmt.	
				12687	14° Edge Pvmt.	
				12680	16° F.L.	
				1274	30° P/L.	
2+40				12777		
				12771	7° Pvmt.	
				12763	14° Edge Pvmt.	
				12755	16° F.L.	
				1280	30° P/L.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 53
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "A"
Notes Chkd. ____ Checked ____ Survey by Burkholder Notes D.L.B. Date 5-65
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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F.B. 3304 Pg. 54 Job No. 6112.11 Division No. 11 Notes Red ____ Plotted ____ Profile No. ____
Survey of N. Santa Fe Springs Line "A" Date 5-65 Date ____ X-Sec. No. ____
Survey by D.L.B. Notes Burkholder Notes Chkd. ____ Checked ____
Indexed G. J. GALLI Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & No. Sunshine	℄	Ave. Rt. & So.
3+00	℄ P.			12962		℄	
				12952			6.5 Pvmt.
				12916			13° Edge Pvmt.
				1290			14° Bot. slope
				1302			30° Slope P/L.
				12957	7.5 Pvmt.		
				12933	15° Edge Pvmt.		
				12883	18° F.L.		
				1294	30° P/L.		
4+25.2							5° S.M.H.
		W.	Rim	13481	W. Rim 134.76		
		E.	Rim	13471	Meas. 10.19		
					Top pipe 124.57		
					Diam 0.67		
					Inv. W. outlet 123.90		
Going West on Sunshine				Ave.	Lt. & So.		Rt. & No.
16+03.87 N. = 1+00 W.				12652		℄	
1+47.6				12741		℄	
				12752			7° & Pvmt.
				12751			13.5 Pvmt.
				12730			25 Gut. out.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & So. Sunshine	Ave. Rt. & No.
1+47.6				12720		27° Gut. in
				12776		" Top cb.
				13.10		42° Slope P/L^{t}
2+00				1291		
				12919		4° To Burm
				12885		4° Gut.
				12908		12^{5} Prmt
				12921		20^{5} ℄ Prmt.
				12922		28^{7} Prmt.
				12903		35° Gut. out
				12885		37° Gut. in.
				12947		37° Top cb.
				1326		50° Slope P/L^{t}
				1285	20° P/L^{t}	
3+00				1336		
				13370		5° Top cb.
				13305		" Gut in
				13331		7° Gut out
				13390		18° Prmt.
	T.P. 134.22			13414		28^{5} ℄ Prmt
				13438		39° Prmt.
				13445		50° Gut out

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 55

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of N. Santa Fe Springs Line "A"

Survey by Burkholder Notes Wk. Date 5-65

Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & So. Sunshine	Ave. Rt. & No.
3+00				13428		52° Gut in
				13492		" Top cb.
				1354		60 P/L ±
S.M.H.					1st S.M.H. West of Fidel Ave. (For Location See F.B. 3304-39)	
		E. Rim		13995	E. Rim 139.91	
		W. Rim		13988	Meas. 10.12	
					Top pipe 129.79	
					Diam 0.67	
					Inv. E. outlet 129.12	
BM 50 1229				12756	BM 50 1229 Elev = 127.57 FB 3304-1	
	Going No. on Fidel Ave.				Lt. & W. Fidel	Ave. Rt. & E.
16+03.87 No.				12652		
16+60				12724		
				12730	3° Pvmt.	
				12745	11° Pvmt.	
				12753	20° Gut out	
				12750	22° Gut in	
				12812	" Top cb.	
				1281	27° Bot. Slope	
				1313	37° Slope P/L ±	

F.B. 3304 Pg. 56 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Line "A" Date 5-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Fidel	Ave. Rt & E.
17+00				12753		
				12718		15.5 Edge Pvmt.
				1275		25° P/L±
				12767	5-℄ Pvmt.	
				12800	13 Pvmt.	
				12820	24° Gut. out	
				12805	26° Gut. in	
				12861	" Top cb.	
				1289	32.5 Bot. Slope	
				1315	44° Slope P/L±	
17+51.28 ⊄ pt.				12752		
				12805		
18+00				12792		3° Pvmt.
				12762		10.8 Gut. out
				12746		12.8 Gut. in
				12811		12.8 Top cb.
				1284		23.9 Conc. Dr. P/L±
				12827	7° ℄ Pvmt	
				12854	16.9 Pvmt	
				12877	24.8 Gut. out	
				12863	26.8 Gut. in	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 57
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "A"
Notes Chkd. ____ Checked ____ Survey by Burkhalter Notes D.L.B. Date 5-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt & W. Fidel		⊼ Ave	Rt. & E.	
18+00				12924	26^{8} Top cb.				
				1291	33^{8} Bot. Slope				
				1315	37^{5} Slope P/L±				
18+16°							5^{0} S.M.H.		
		N.	Rim	12804	N. Rim	128.04	S. Rim	128.04	
		S.	Rim	12804	Meas.	6.64	Meas.	6.67	
					Top pipe	121.40	Top pipe	121.37	
					Diam	0.67	Diam	0.67	
					Inv. N. inlet	120.73	Inv. S. outlet	120.70	
19+00	T.P.			12862			⊼ ℄ Prmt.		
20+00				12936			⊼		
				12917			5^{4} ℄ Prmt.		
20+50.8							16^{8} S.M.H.		
		N.	Rim	12924	N. Rim	129.23	S. Rim	129.23	129.23
		S.	Rim	12922	Meas.	6.28	Meas.	6.30	6.24
1st. M.H. W. of.	E. Rim	144.11			Top pipe	122.95	Top pipe	122.93	122.99
S.M.H. @ 20+50.8	Meas.	6.01			Diam	0.67	Diam	0.67	0.67
	Top pipe	138.10			Inv. N. Inlet	122.28	Inv. S. outlet	122.26	122.32 W. inlet Inv. El.
	Diam	0.67							
	Inv. E. outlet	=137.43							

F.B. 3304 Pg. 58 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line "A" Date 5-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed G. J. GALLI Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W.	Fidel	Ave	Rt. & E.
20+73.65 ⅄ pt.				12995				
21+00				13004				
				12980			11^{3} ℄ Pvmt.	
21+19^{8}							5^{5} S.M.H.	
		N.	Rim	13011	N. Rim	130.11	S. Rim	130.11
		S.	Rim	13011	Meas.	6.77	Meas.	6.81
					Top pipe	123.34	Top pipe	123.30
					Diam.	0.67	Diam.	0.67
					Inv. N. Inlet	122.67	Inv. S. outlet	122.63
22+00		H.P.		13075				
				13075			1^{3} ℄ Pvmt.	
23+00				13200				
				13200			1^{1} ℄ Pvmt.	
				13186			11° Pvmt	
				13170			19° Gut out	
				13157			21° Gut in	
				13220			21° Top cb.	
				1325			31 P/L^{t}	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 59

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of N. Santa Fe Springs Line "A" Survey by [illegible] Notes [illegible] Date 3-65

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

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt & W. Fidel	Ave. Rt. & E.
23+00				13192	8[8] Pvmt.	
				13172	16[7] Gut out	
				13158	18[7] Gut. in	
				13224	18[7] Top cb.	
				1327	30 P/L[t]	
24+00				13313		
				13323		11[0] ℄ Pvmt.
24+20[0]						5[5] S.M.H.
		N.	Rim	13349	N. Rim 133.47	S. Rim 133.47
		S.	Rim	13345	Meas. 7.29	Meas. 7.38
					Top pipe 126.18	Top pipe 126.09
					Diam 0.67	Diam. 0.67
					Inv. N. inlet 125.51	Inv. S. outlet 125.42
24+28.07 ⊥ pt.				13338		
25+00				13470		
				13470		5[5] ℄ Pvmt
26+05.03 E.C.		TP		13710		℄ Pvmt.

F. B. 3304 Pg. 60 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Date 5-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt & W. Fidel				Ave		Rt & W.	
26+45^{2}				13810					℄ Prmt			
				13810	10° Prmt.							
				13794	17^{9} Gut. out							
				13781	19^{9} Gut. in							
				13845	19^{9} Top cb.							
				1387	30° P/L							
26+86^{5}				13890					℄ Prmt.			
				13880					10° Prmt			
				13845					Gut out			
				13833					20° Gut in			
				13900					20° Top cb.			
				1390					30° P/L			
27+00				13918					℄ Prmt.			
27+43^{5}									5° S.M.H.			
		N.	Rim.	13922	N. Rim		E. Rim		W. Rim	6.12	S. Rim	
		S.	Rim	13924	Meas.	6.26	Meas	6.28	Meas.		Meas.	6.48
		E.	Rim	13919	Top Pipe		Top Pipe		Top Pipe		Top Pipe	
		W.	Rim	13930	Diam		Diam		Diam.		Diam	
					Inv. N. inlet.		Inv. E. inlet		Inv. W. inlet		Inv. S. outlet	
27+48.25	✗ Pt.			13939								

Profile Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 61
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "A"
X-Sec. Notes Chkd. ____ Checked ____ Survey by Burroughs Notes D.L.B. Date 5-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt & N. Beaty	Ave. Rt & S.
Fidel Ave. & Beaty Ave.	Going East on Beaty Ave.					
∡ Pt E&W 1+00 E&W (See Pg 30 & 43)		Sq. Hd. 39.59	S. of P.O.C. & K.H.	138 91		
1+01.5				138 81		Edge Conc. Gut.
1+04.5				138 80		F.L.
1+39.0				139 22		Edge Conc. Gut.
1+49.3				139 38		
				139 3		4.8 Rt. F.L.
				139 7		5.8 Rt. Top brk
				139 7		19° Rt. P/L ±
				139 43	2° Edge pvmt.	
				139 60	15.5 Pvmt.	
				139 70	29° ℄ Pvmt.	
1+89.3				140 00		Pvmt.
				139 68		13° Gut. out
				139 55		15° Gut. in
				140 15		15° Top Cb.
				140 5		26° P/L ±
				140 03	16° ℄ pvmt.	
				139 91	32° Pvmt.	
				139 73	46° Gut out	

F.B. 3304 Pg. 62 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Line "A" Date 5-65 Date No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & No. Beaty	Ave. Rt. & So.
1+89 3				139 43	48° Gut. in	
				140 06	48° Top Cb.	
				140 3	58° P/L± back walk	
2+06 7				140 20		
				140 16	11 8 ℄ Prmt.	
				140 08	27' Prmt.	
				139 66	40 4 Gut. out	
				139 46	42 4 Gut. in	
				140 07	42 4 Top. Cb.	
				140 36	52 4 P/L Back Walk	
2+46 7				140 81		
				140 70		10' Prmt.
				140 32		23 5 Gut out
				140 16		23 5 Gut. in
				140 77		25 5 Top Cb.
				141 3		35° P/L±
				140 80	5° ℄ Prmt.	
				140 71	20' Prmt.	
				140 05	33' Gut. out	
				139 96	35' Gut. in	

Profile Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 63
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "A"
X-Sec. Notes Chkd. ____ Checked ____ Survey by Burkholder Notes P.L.B. Date 5-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

F.B. 3304 Pg. 64 | Job No. 6112.11 | Division No. 11 | Notes Red. | Plotted | Profile No.
Survey of N. Santa Fe Springs | Date 5-65 | Date | X-Sec. No.
Survey by D.L.B. | Notes Burkholder | Notes Chkd. | Checked | No.
Indexed G. J. GALLI | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & N. Beaty	⊥ Ave. Rt. & S.
2+46[7]				140.60	35' Top cb.	
				140.94	45° P/L[t] back Walk	
3+46[7]				142.51		⊥ & Prmt.
				142.20		15° Prmt.
				141.80		28° Gut out
				141.67		30° Gut int
				142.27		30° Top cb.
				142.6		40° P/L[t]
				142.40	15° Prmt	
				141.86	28° Gut out	
				141.71	30° Gut in.	
				142.33	30° Top cb.	
				142.64	40° P/L[t] back walk	
3+88[2]						5[3] S.M.H.
		W.	Rim	143.23		W. Rim 143.24
		E.	Rim	143.25		Meas 9.04
						Top pipe 134.20
						Diam 0.67
						Inv. W. outlet 133.53
B.M. S.D. 1230				138.74	B.M. S.D. 1230 Elev. = 138.743, F.B. 3304-14	
					Fide/ Ave & Beaty Ave. Bt. Spk N.E. Cor. D.W. Hse. # 11804	

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt & So Beaty	Ave Rt & No.
Fidel Ave & Beaty Ave.	Going West on Beaty Ave.					
1+00 E&W.				138 91		
1+60° W.				140 77		Edge Prmt.
1+73⁴				141 5		
				141 5		4° F.L.
				141 70		7³ Edge prmt.
				142 23		22⁸ Prmt.
				142 50		30³ ℄ Prmt.
				142 70		37° Prmt.
				142 66		53° Edge prmt.
				142 6		55° F.L.
				143 0		65° P/L ±
2+13⁴				143 8		P/L ±
				143 4		11° F.L.
				144 38		20⁵ Edge prmt.
				144 55		27⁵ Prmt
				144 67		35° ℄ prmt
				144 83		42⁹ prmt
				144 81		49° Edge prmt.
				144 5		50° F.L.
				144 8		74° P/L ±
T.P.				144 54		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 65

X-Sec. No. ____ Notes Chkd ____ Date ____ Checked ____ Date ____ Survey of N. Santa Fe Springs Line "A"

Survey by Buckholder Notes D.L.B. Date 5-65

Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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F.B. 3304 Pg. 66 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Spr 1995 Date 5-65 Date No.
Survey by B.L.B. Notes B. Buckholder Notes Chkd. Checked X-Sec.
Indexed G. J. Gatti Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt & So. Beaty	Ave	Rt. & No.
3+13.4				148.4			
				149.2			20° P/L±
				148.9			29° F.L.
				149.71			36° Edge Pvmt
				149.90			42.5 Pvmt.
				150.06			49.5 & Pvmt
				150.05			56.5 Pvmt.
				150.18			63.5 Edge Pvmt
				149.9			68° F.L.
				150.07			85° P/L±
S.M.H.					1st S.M.H. West of Fide	Ave on Beaty Ave.	Location (F.B. 3304-43)
		E.	Rim	152.11	E. Rim 152.11		
		W.	Rim	152.11	Meas. 8.25		
					Top Pipe 143.86		
					Diam. 0.67		
					Inv. E. outlet 143.19		

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W Fidel	↑ Ave Rt & E
Fidel Ave & Beaty Ave	Going No. on Fidel Ave.					
27+48.25 ⊥ pt.				139 39		↑
				139 12		6' Edge Conc Gut.
				139 08		9² F.L. " "
				139 10		12² Edge Conc Gut.
				139 73		↑ Edge Conc Gut.
				139 65		↑ F.L. " "
				139 71		↑ Edge Conc Gut.
28 +30				140 70		↑ & Pvmt.
				140 70	10° Pvmt	
				140 56	18° Gut. out	
				140 38	20° Gut. in	
				141 01	20° Top cb.	
				141 4	30° P/L	
28+39				140 80		↑ & Pvmt.
				140 65		10° Pvmt.
				140 37		18° Gut. out
				140 21		20° Gut. in
				140 32		20° Top cb. depressed
				141 11		30° P/L back walk

Profile Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 67
No. X-Sec. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "A"
No. ____ Notes Chkd. ____ Checked ____ Survey by Burkholder Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt & W Fidel	Ave Rt. & E.
28+70				141 31		℄ Pvmt.
				141 13		10° Pvmt.
				140 82		18° Gut out
				140 70		20° Gut in
				141 30		20° Top cb.
				141 57		30° P/L back Walk
				141 33	10° Pvmt.	
				141 15	18° Gut out	
				141 00	20° Gut in	
				141 62	20° Top cb.	
				141 9	30° P/L.	
29+70				142 84		℄ Pvmt.
				142 70		10° Pvmt
				142 40		18° Gut out
				142 [illegible]4		20° Gut in
				142 35		20° Top cb. (depressed)
				143 13		30° P/L back Walk
				142 84	10° Pvmt.	
				142 70	18° Gut out	
				142 52	20° Gut in	
				142 62	20° Top cb. (depressed)	

F.B. 3304 Pg. 68
Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line "A" Date 5-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & W Fidel ⊼ Ave Rt. & E
29+70				143 3	30° P/L
30+58.8					⊼ S.M.H.
		N.	Rim	144 28	
		S.	Rim	144 24	S. Rim 144.26
					Meas. 7.30
					Top pipe 136.96
					Diam 0.67
					Inv. so outlet 136.29
B.M. S.D. 1230				138 74	B.M. S.D. 1230 El. 138.743 F.B. 3304-14
					Fidel Ave & Beaty Ave, Bt. Spk N.E. Cor
					Drireway to Hse # 118 04.

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6112.11 Division No. 11 Survey of N. Santa Fe Springs Line "A" Survey by Burkhardt Notes D.L.B. Date 5.65 Map No. Indexed C. J. GALLI Date F.B. 3304 Pg. 69

B.B. 3304 Pg. 70 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76-L-298 CE 307 2-63

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NOTES RED. JOB NO. 0301.02 6112.11 SURVEY OF Line "D" N. Santa Fe Springs

DATE SURVEY BY Burkholder

NOTES CHKD. NOTES BY D.L.B. DATE 5-21-65

DATE INDEXED C. J. GALLI DATE

F. B 3304 Pg. 71

J.N. 0301.02

PRECISE LEVELS

For.

No. SANTA FE SPRINGS S.D.

LINE "D"

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

Burkholder
LeGault
Bankson
Rangel

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

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900 LOS ANGELES COUNTY ENGINEERING BLDG.

768420 S & E-353 9-55

768420 B & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 6112.11 SURVEY OF N. Santa Fe Springs Line "D"
SURVEY BY Burkholder
NOTES BY D.L.B. DATE 5-21-65
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3304 PG. 72

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
~~(60)~~ B.M. 1-9C	219.094					BM. 1-9C, 1962 Adjust. Elev. = 219.094, F.B. 2858-9 On the ℄ of Miller Rd. 10' E. of Mon. @ ℄ Int. of Colima Rd. & Reis St. 66.0' NE'ly of P.P.# 1011625E & 47' NW'ly of T.P. # W9482Y. A Co. Survey Mon. Mkd. "R.E. 329" 10" dn & Protected by a cast iron Cover.
+	5.864		5.915			
⌅	224.958	- 0.754	- 0.754			
-	6.618		6.669			
(60) B.M. 1-9A	218.340					BM-1-9A, 1962 Adj. Elev. = 218.340, F.B. 2858-9 @ ℄ Int. of Colima Rd & Reis St. 61.4 NE'ly of P.P.# 1,011,625E, & 51.0' NW'ly of T.P.# W9482Y, A Co. Survey Mon. Mkd. "R.E. 329" 16" dn. & Protected by a Cast Iron Cover.
+	7.461		7.509			
⌅	225.801	+ 3.216	+ 3.216			
-	4.245		4.293			
T.P.	221.556					
+	5.341		5.387			
⌅	226.897	+ 0.811	+ 0.813			
-	4.530		4.574			
T.P.	222.367					
+	4.467		4.511			
⌅	226.834	- 0.360	- 0.359			
-	4.827		4.870			
T.P.	222.007					
+	4.620		4.645			
⌅	226.627	- 1.418	- 1.418			
-	6.038		6.063			
T.P.	220.589					
+	4.084		4.113			
⌅	224.673	- 2.665	- 2.665			
-	6.749		6.778			
T.P.	217.924					

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	217.924					T.P. Pg # 72
+	3.299		3.271			
⊼	221.223	- 3.591	- 3.589			
-	6.890		6.860			
T.P.	214.333					
+	2.259		2.281			
⊼	216.592	- 6.708	- 6.710			
-	8.967		8.991			
T.P.	207.625					
+	1.148		1.168			
⊼	208.773	- 8.230	- 8.230			
-	9.378		9.398			
T.P.	199.395					
+	2.303		2.324			
⊼	201.698	- 3.010	- 3.011			
-	5.313		5.335			
T.P.	196.385					
+	4.174		4.210			
⊼	200.559	- 1.416	- 1.415			
-	5.590		5.625			
T.P.	194.969					
+	3.991		4.038			
⊼	198.960	- 2.186	- 2.184			
-	6.177		6.222			
T.P.	192.783					
+	2.121		2.152			
⊼	194.904	- 6.354	- 6.355			
-	8.475		8.507			
T.P.	186.429					

NOTES RED. JOB NO. 6112.11 SURVEY OF N. Santa Fe Springs Line "D" 0301.02
DATE SURVEY BY Burkholder
NOTES CHKD. NOTES BY D.L.B. DATE 5-21-65
DATE INDEXED C. J. GALLI DATE

F. B. 3304 Pg. 73

768420 S & E-353 9-55

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Do not extend notes this side of this line

JOB NO. 0301.02 6112.11 SURVEY OF N. Santa Fe Springs Line 'D' NOTES RED. DATE
SURVEY BY Burkholder NOTES CHKD. DATE
NOTES BY D.L.B. DATE 5-21-65
INDEXED C. J. GALLI DATE

F.B. 3304 PG. 74

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	186.429					T.P. Pg. # 73
+	5.842		5.787			
⌅	192.271	+ 1.642	+ 1.630			
-	4.211		4.157			
T.P.	188.060					
+	3.438		3.462			
⌅	191.498	- 3.604	- 3.606			
-	7.042		7.068			
T.P.	184.456					
+	4.839		4.810			
⌅	189.295	- 0.071	- 0.069			
-	4.768		4.741			
(Set) B.M. S.D. 1231	184.527				184.540	B.M. S.D. 1231, El. = F.B. 3304-74 Luitwieler Ave & Lindhall Way, N.W. Cor afd. Bt. spk in Ld. 0.5' So. of No. Cb. Ret. Mkd. B.M.
+	4.565		4.612			
⌅	189.092	- 1.646	- 1.649			
-	6.211		6.261			
(Set) B.M. S.D. 1232	182.881				182.895	B.M. S.D. 1232, El. = F.B. 3304-74 Luitwieler Ave & Dunton Dr. (west side) S.W. Cor. afd. B.M. Nail in Ld. 27' So. of So. Cb. Ret. Painted "B.M."
+	5.967		6.023			
⌅	188.848	+ 1.609	+ 1.607			
-	4.358		4.416			
T.P.	184.490					
+	5.378		5.404			
⌅	189.868	+ 1.076	+ 1.076			
-	4.302		4.328			
(Set) B.M. S.D. 1233	185.566				185.582	B.M. S.D. 1233, El. = F.B. 3304-74 Luitwieler Ave. & Danbrook Dr. S.E. Cor. afd. B.M. Nail in Ld. Stamped "B.M." 1' So. of So. Cb. Ret.
+	5.188		5.211			
⌅	190.754	+ 0.664	+ 0.664			
-	4.524		4.547			
T.P.	186.230					

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	186.230					
+	5.699		5.726			
⊼	191.929	+1.417	+1.418			
−	4.282		4.308			
T.P.	187.647					
+	6.535		6.568			
⊼	194.182	+3.861	+3.857			
−	2.674		2.711			
(set) B.M.S.D.1234	191.508				191.528	Colima Rd. & Lambert Rd. (W. Side) a fd. B.M. Nail in Ld. (cb. Chiseled B.M.-WZ 281) S.W. Cor. 1st So. of So. cb. Ret.
+	6.798		6.825			
⊼	198.306	+5.516	+5.515			
−	1.282		1.310			
T.P.	197.024					
+	9.092		9.057			
⊼	206.116	+5.278	+5.280			
−	3.814		3.777			
(fd.) B.M. 1-10 c.	202.302				202.322	B.M. 1-10C 1962 Adj. Elev.=202.322 F.B. 2858-10 Colima Rd. & Lambert Rd. about 220' No. of ℄ of Lambert Rd. 41 ft. W. of ℄ Colima Rd. in the N.E. Cor. of Conc. Culvert # 5.61, A L.A. Co. Engr. B.M. Brass Cap Mkd. "BM. 1-10C - E. 5869, 1961"

NOTES RED ____ JOB NO. 6112.11 SURVEY OF N. Santa Fe Springs Line "D" 0301.02
DATE ____ SURVEY BY Burkholder
NOTES CHKD. ____ NOTES BY D.L.B. DATE 5-21-65
DATE ____ INDEXED B. J. GALLI DATE ____

F.B. 3304 Pg. 75

F. B. 3304 PG. 76

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED C. J. GALLI DATE _____ DATE _____

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

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768420 S & E-353 9-55

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Lines
Map No.	JN 303000 Tape 0242 Std 68 °F
Office Work	Surveyed by [illegible]
Checked	Notes D.L.H. Date 5-65
Date	Indexed C. J. GALLI

F. B. 3304 PG. 77

J.N. 611211

NORTH SANTA FE SPRINGS

STORM DRAIN

Preliminary Survey

Line "D"

For Location Improvements Pg-91-100

For Cross-Sections Pg.-101-133

B.M.'S Pg. 71-76

Index - Pg 22

Burkhalder
LeGault
Bankson
Rangel

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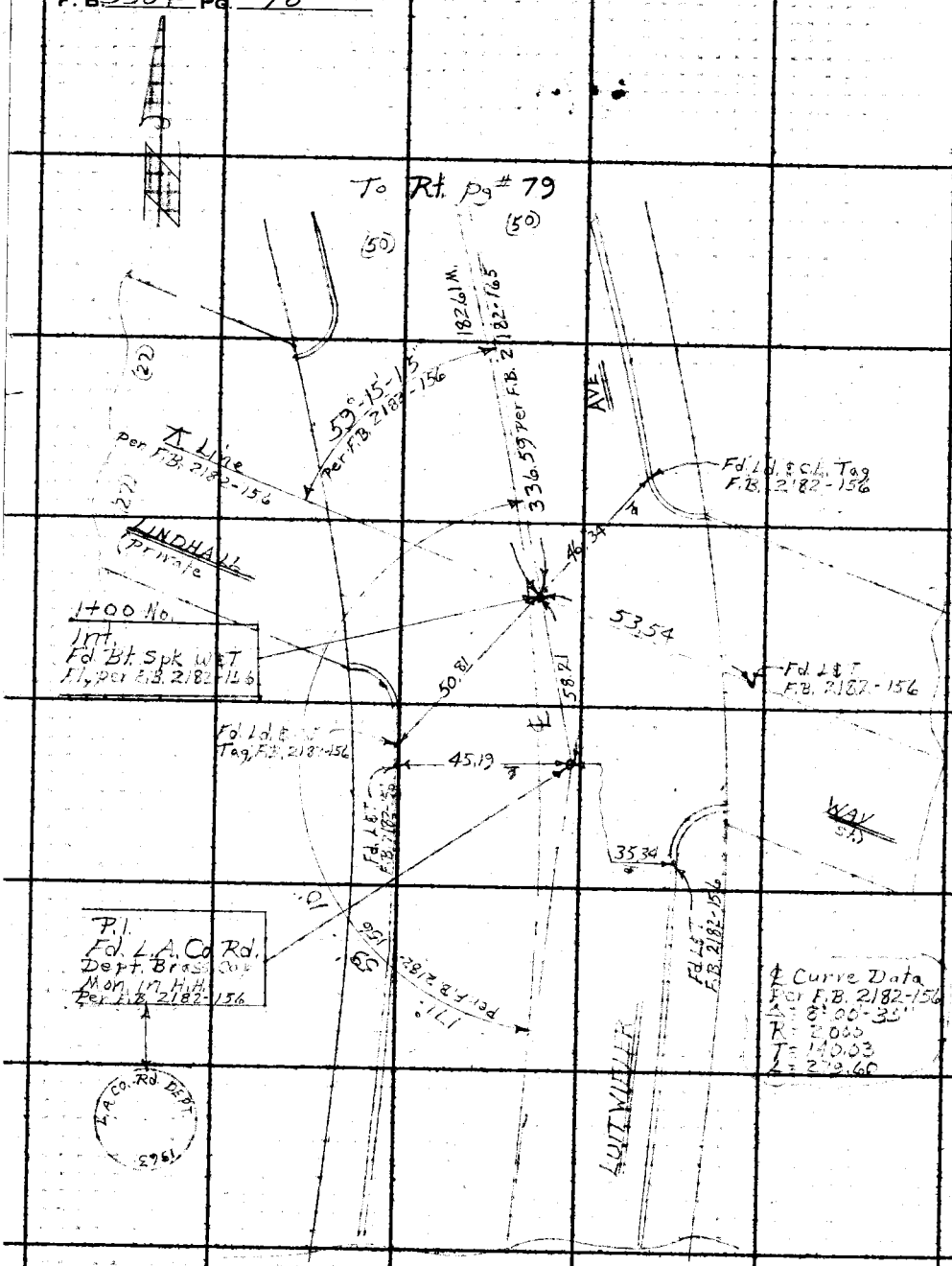
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3304 Pg. 78



WS 24 C-2

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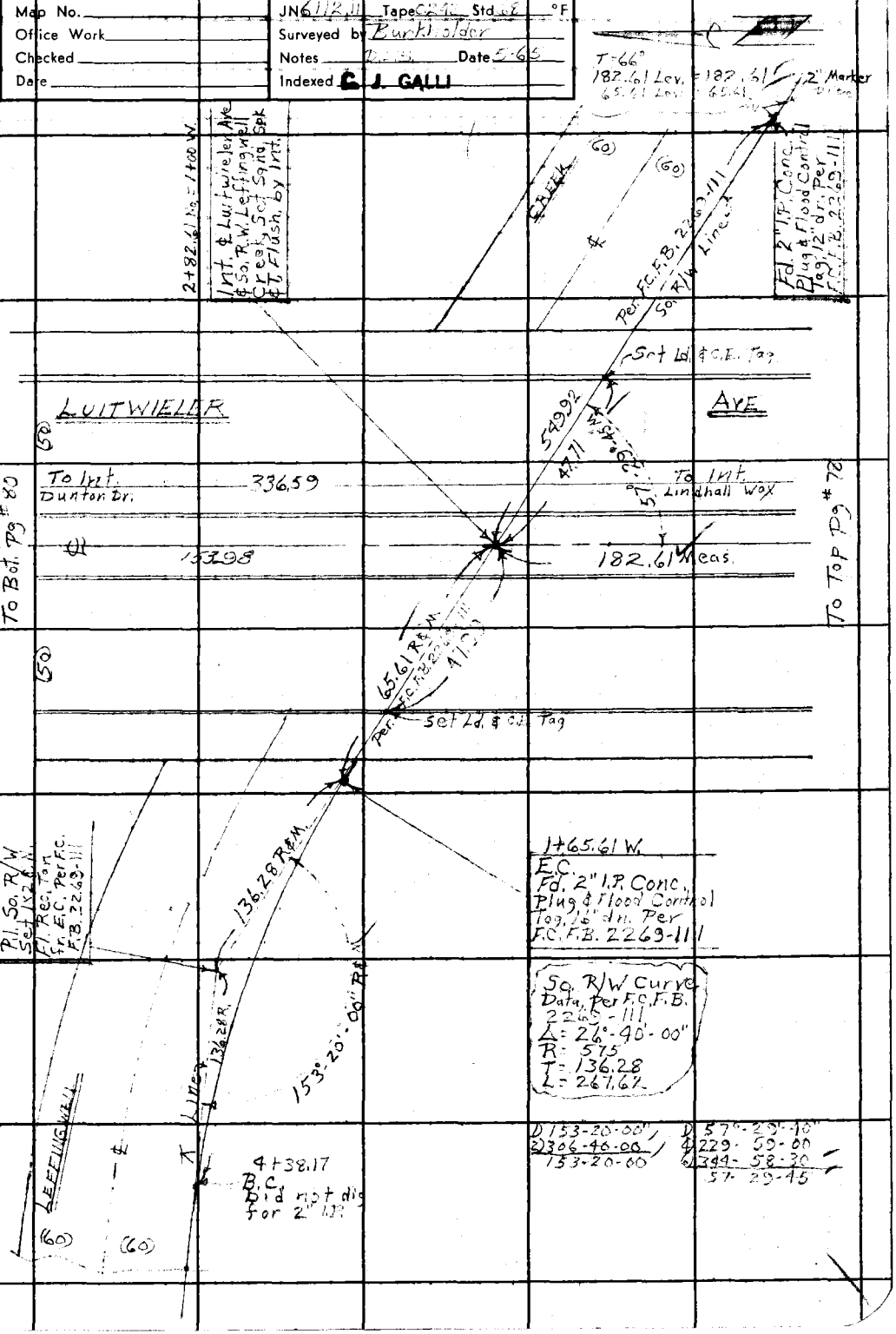
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line
Map No.	JN 6112.11 Tape C-24 Std 68 °F
Office Work	Surveyed by Burkholder
Checked	Notes D.B. Date 5-65
Date	Indexed G. J. GALLI

F. B. 3304 PG. 79



W5374 C-2

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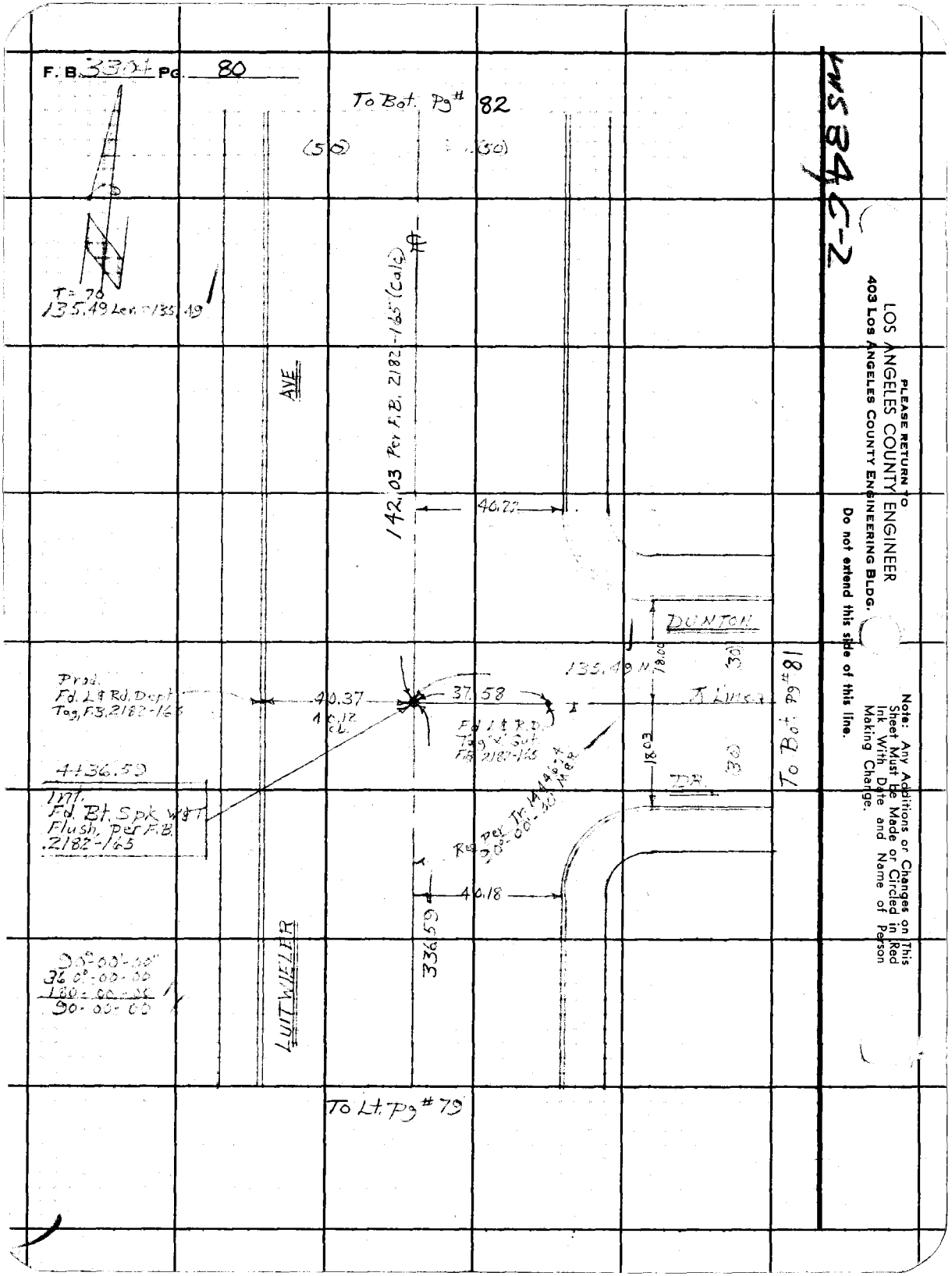
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63


F. B. 3304 Pg. 80
To Bot. Pg# 82
(50)
(50)
T= 70
135.49 Lev. = 135.49
AVE
142.03 Per F.B. 2182-165 (Calc)
40.22
DUNTON
135.49 N
78.00
(30)
To Bot. Pg# 81
Prod.
Fd. L & Rd. Dept
Tag, F.B. 2182-165
40.37
40.12
37.58
Fd L & R.D.
Tag 'x' Cut
F.B. 2182-165
18.03
(30)
DR.
4+36.59
Int.
Fd. Bt. Spk W&T
Flush, Per F.B.
2182-165
Res Per Tr. 14446 Sht
90°-00'-00" Mer.
40.18
336.59
90°-00'-00"
360°-00'-00"
180°-00'-00"
90°-00'-00"
LUITWIELER
To Lt. Pg# 79
LMS 84 C-2
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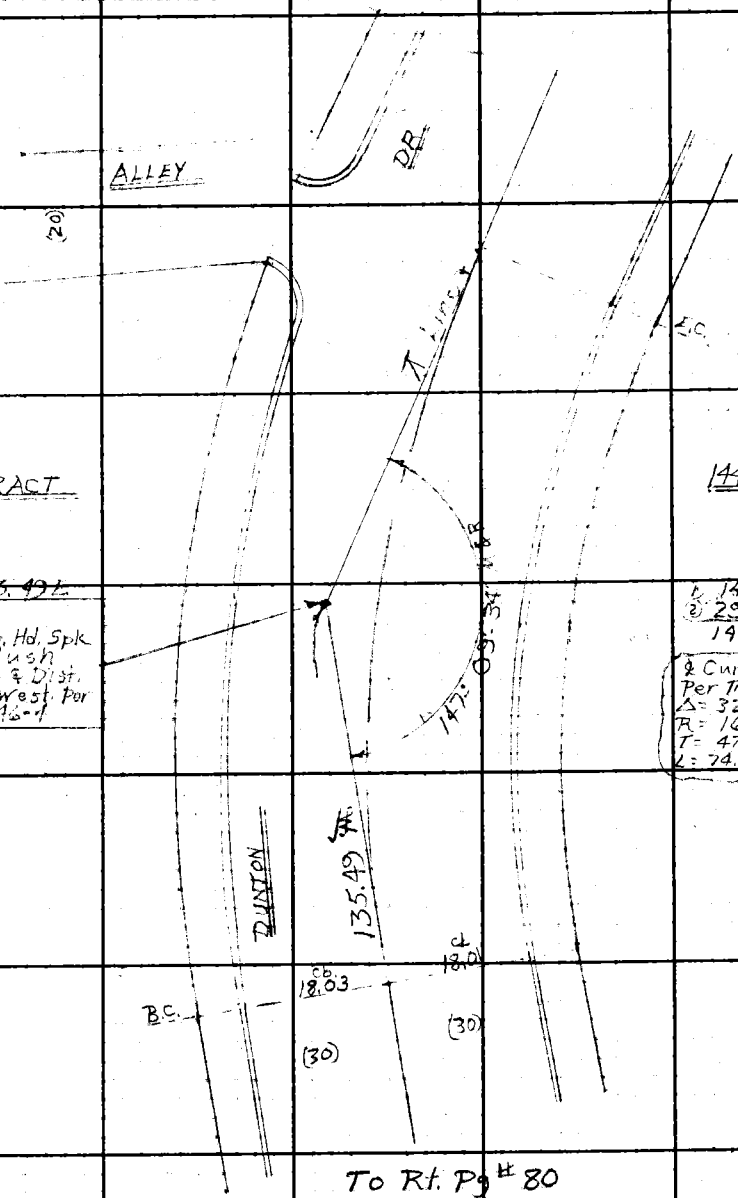
Notes Ck'd by G. E. BARR
Map No.
Office Work
Checked
Date

Survey of Santa Fe Springs Line "D"
JN
Tape 024 Std 68 °F
Surveyed by Burkholder
Notes D.I.B. Date 5-6-63
Indexed E. J. GALLI

F. B. 3304 Pg. 81



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

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PLEASE RETURN TO
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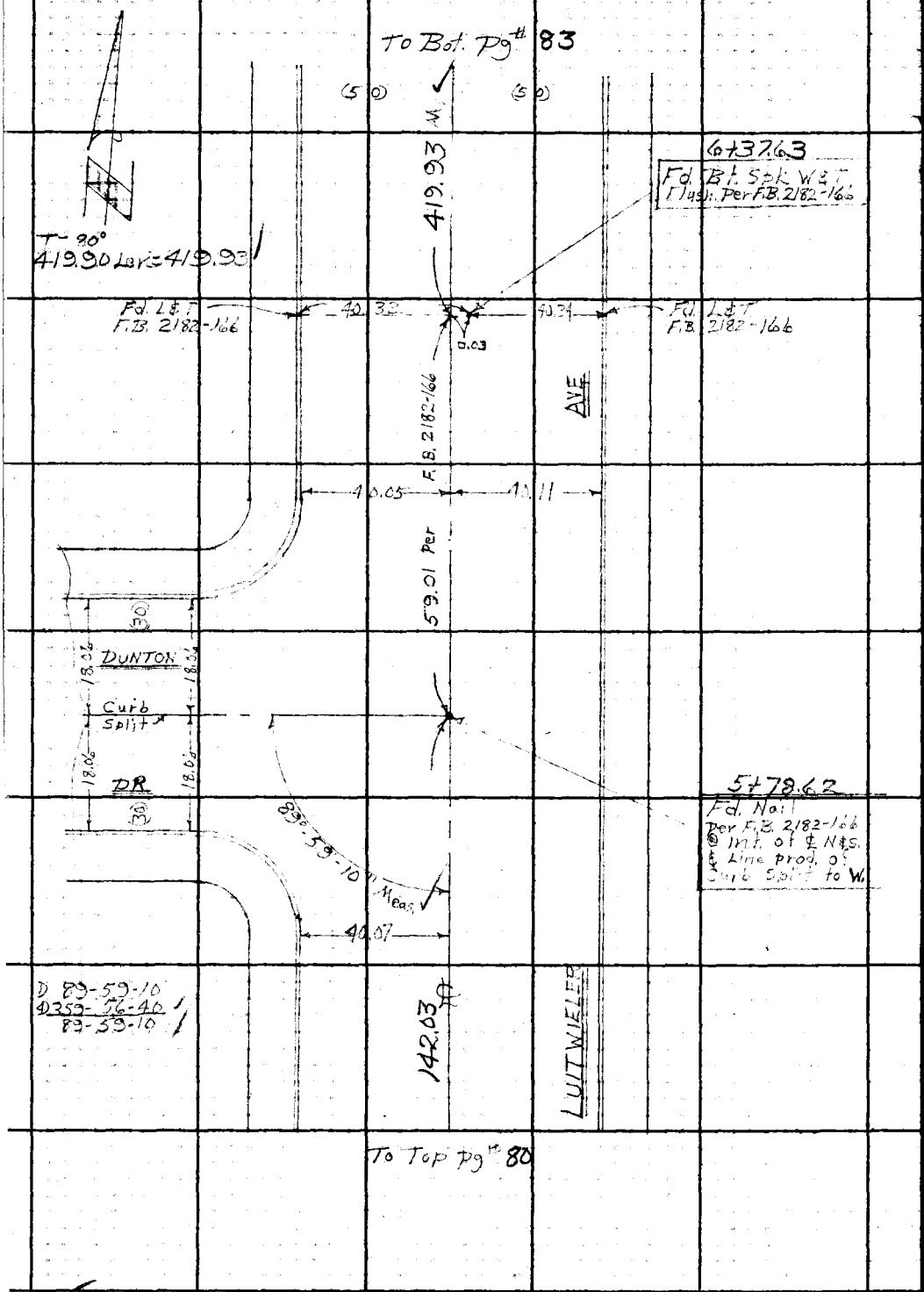
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-63

F. B. 3304 Pg. 82



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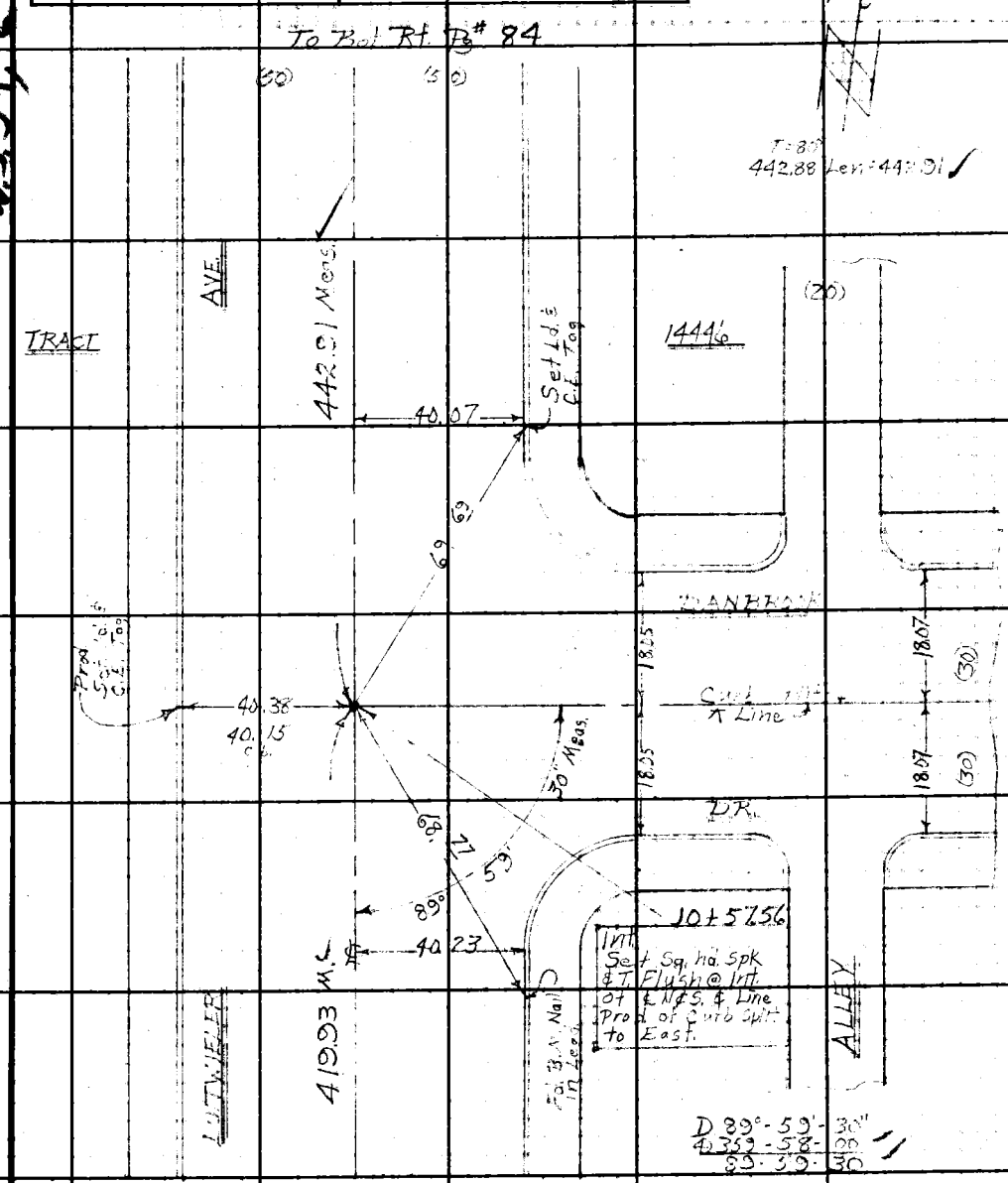
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of [illegible]	F. B. 33A PG. 83
Map No.	JN 6112.11 Tape 0242 Std 68 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes [illegible] Date [illegible]	
Date	Indexed G. J. GALLI	

W.S. 34, C-2



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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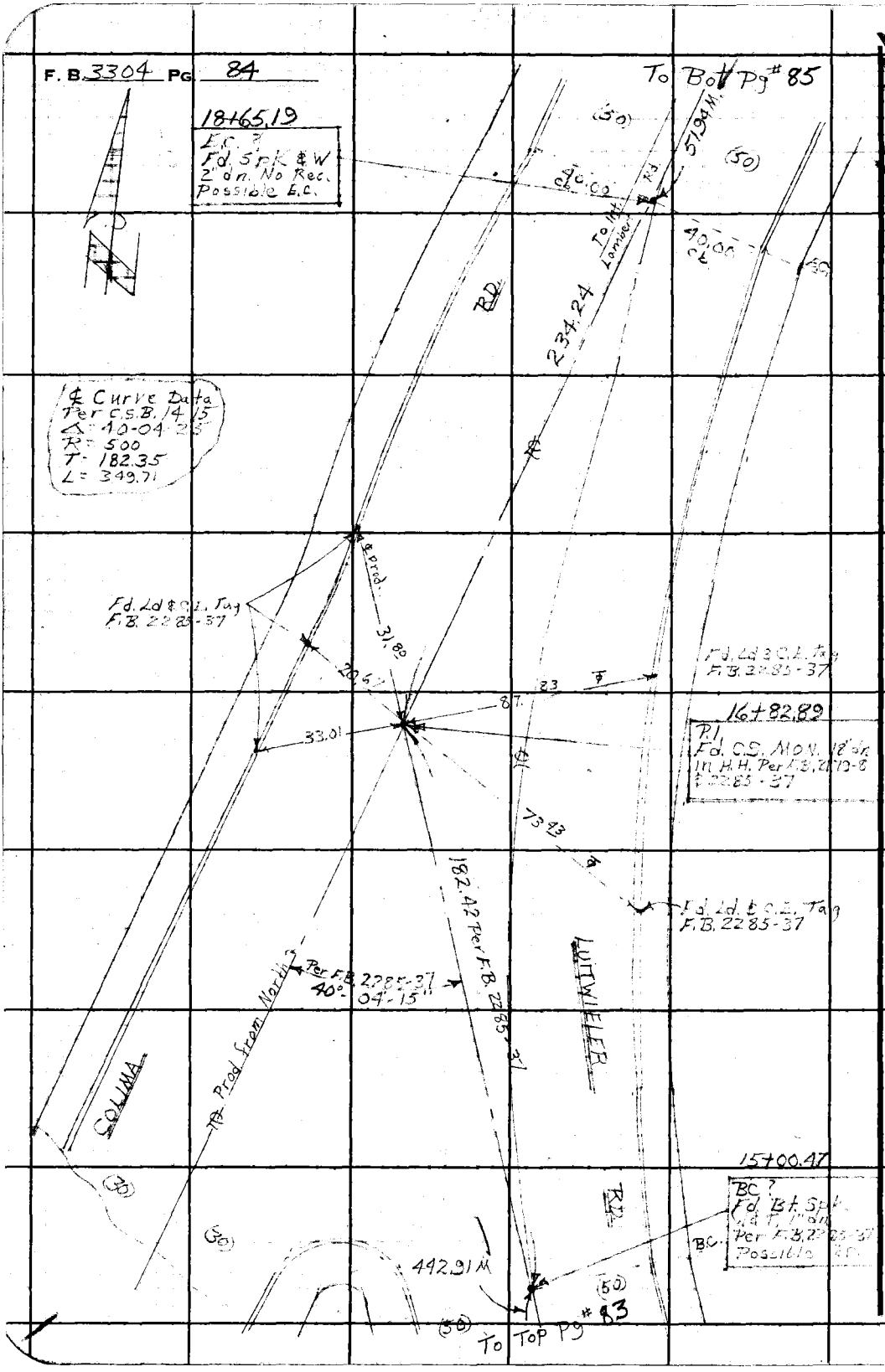
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63



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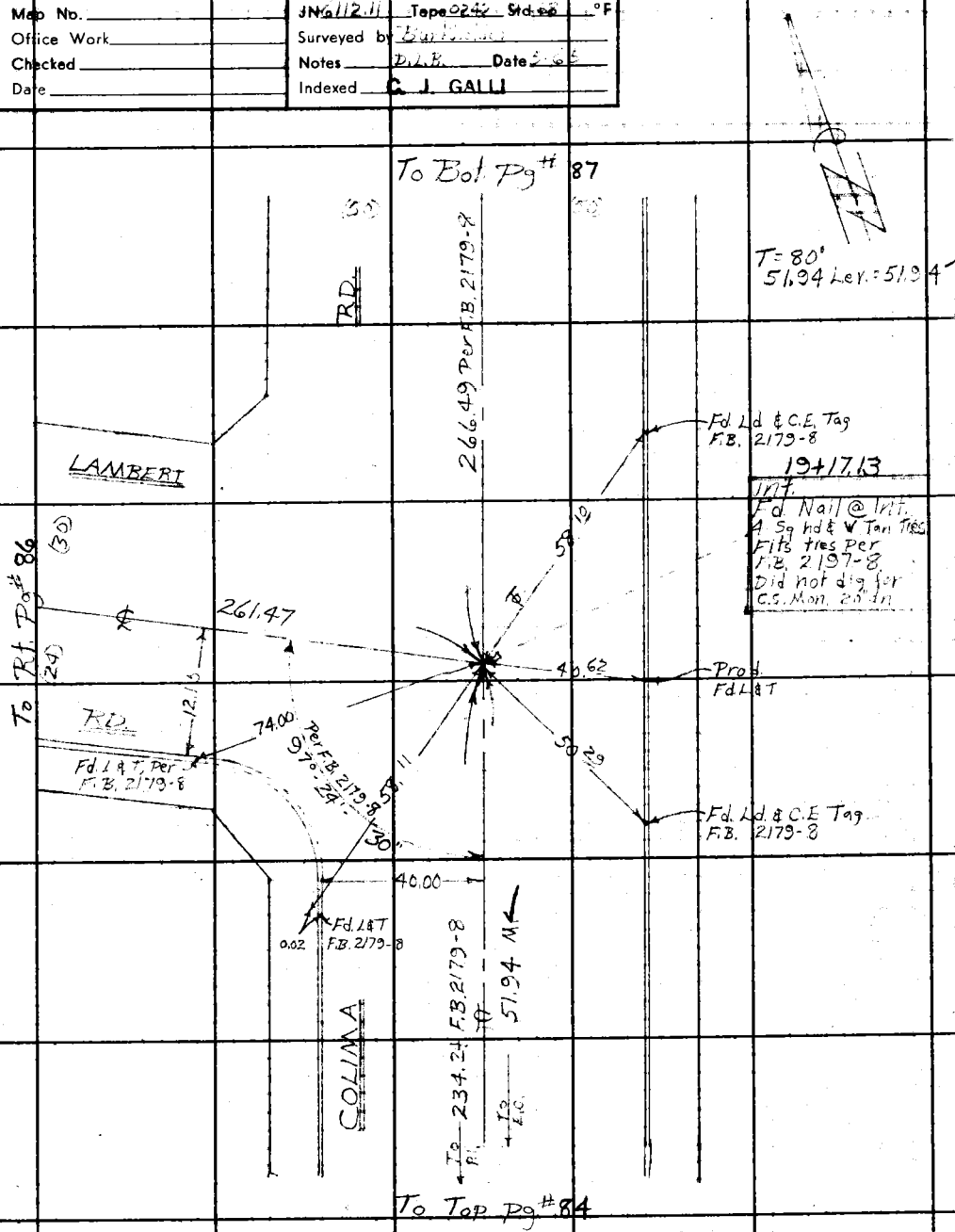
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe [illegible] Line [illegible]
Map No.	JN 6112.11 Tape 0242 Std. [illegible] °F
Office Work	Surveyed by [illegible]
Checked	Notes D.L.B. Date [illegible]
Date	Indexed C. J. GALLI

F. B. 3304 PG. 85

W.S 34 C-2



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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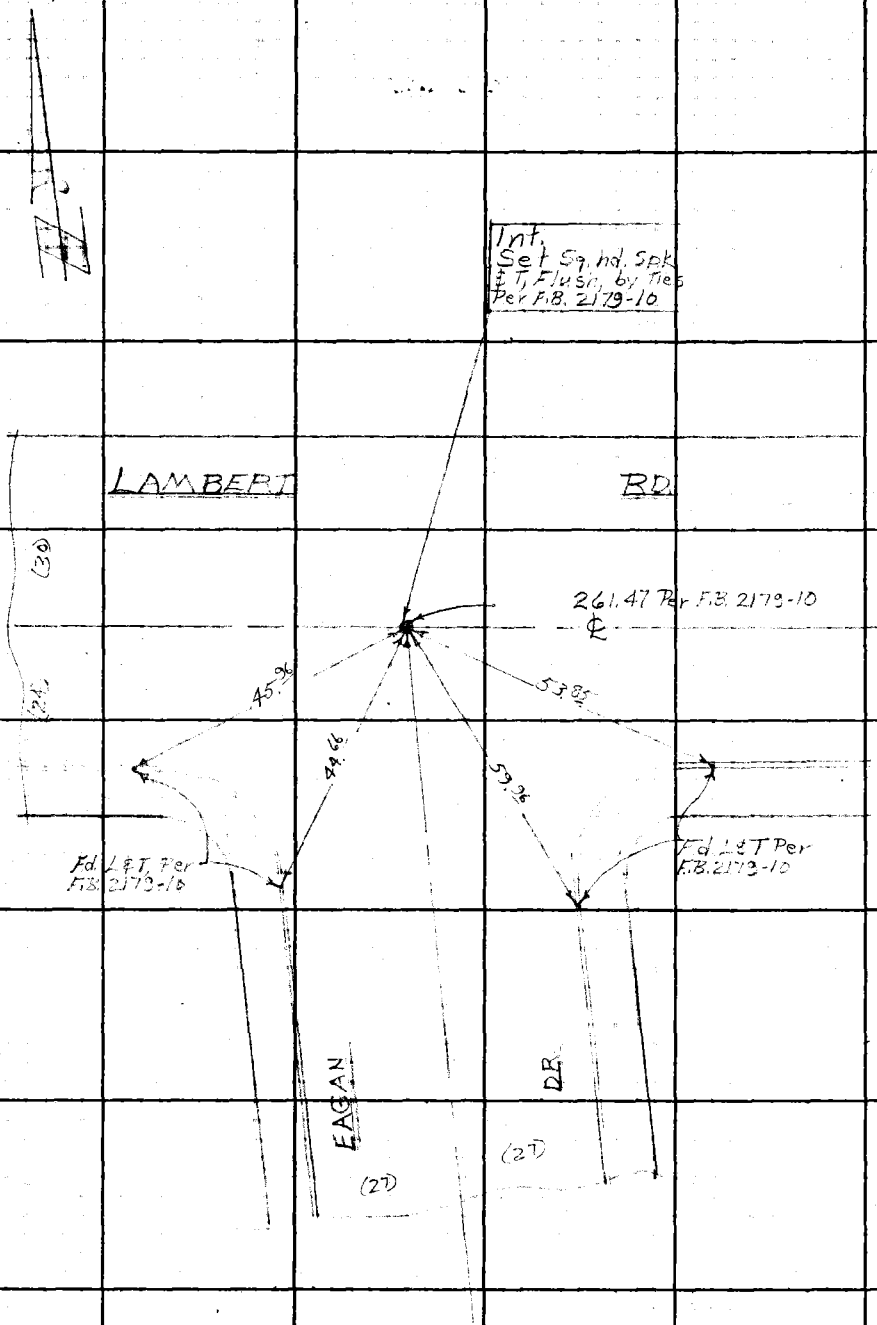
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-83

F. B. 3304 Pg. 86



To Lt. Pg # 85

MS 34, C-2

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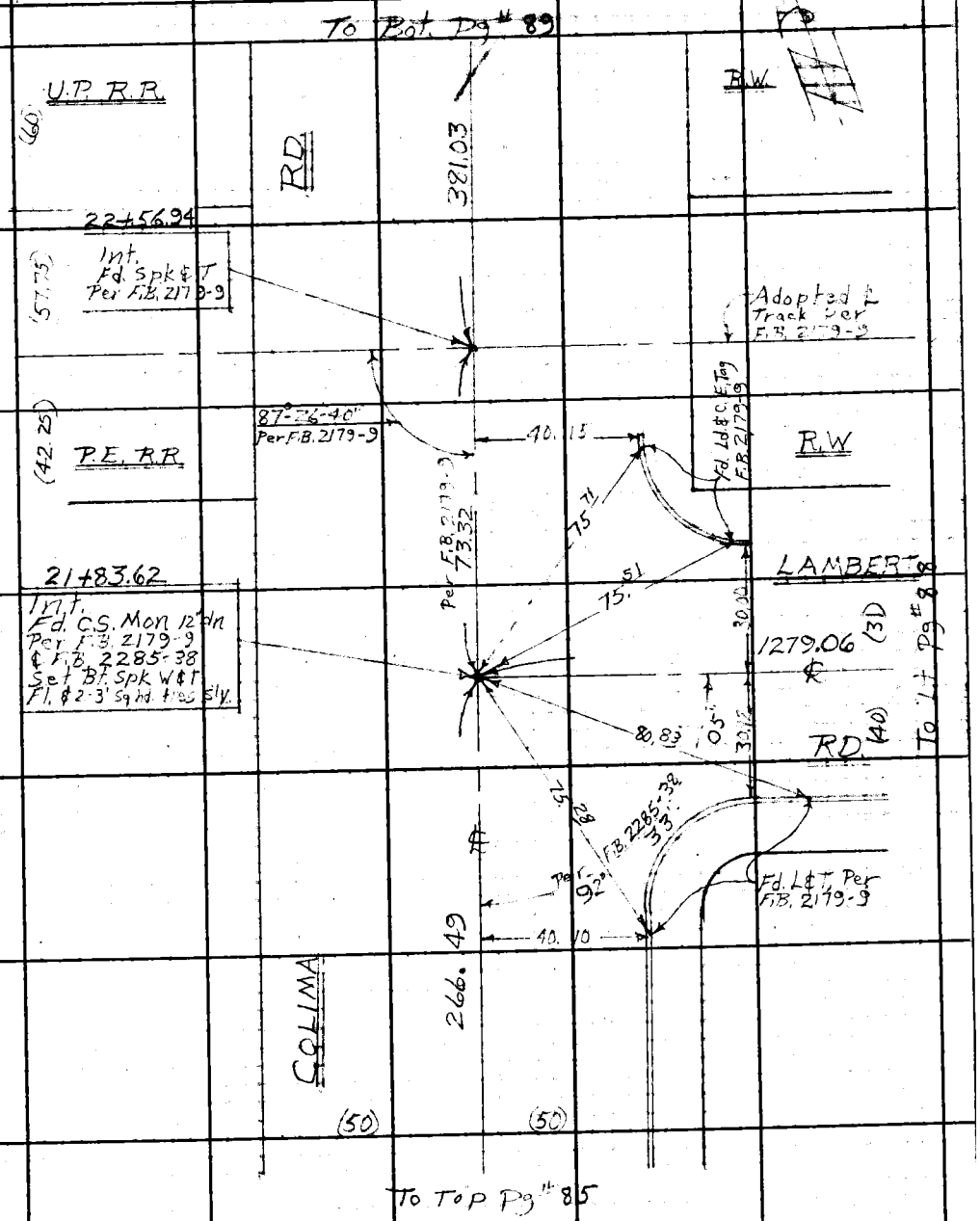
Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line 'D'
Map No.	JN 6112.11 Tape 0242 Std 68 °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 5-65
Date	Indexed C. J. GALLI

F. B. 3304 PG. 87



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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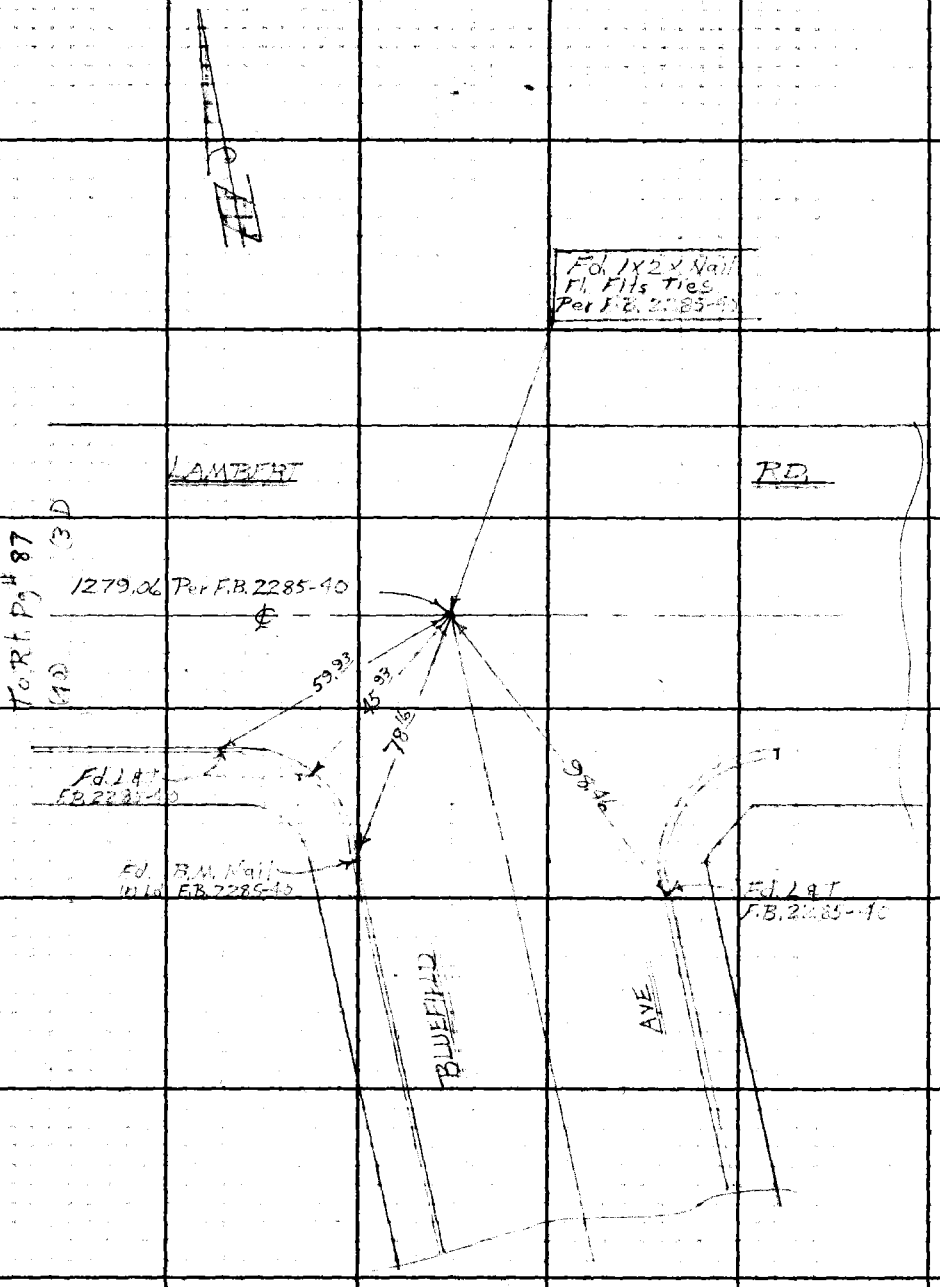
76F309S CE #310 6-63

F.B. 3304 Pg. 88



W534, C-2

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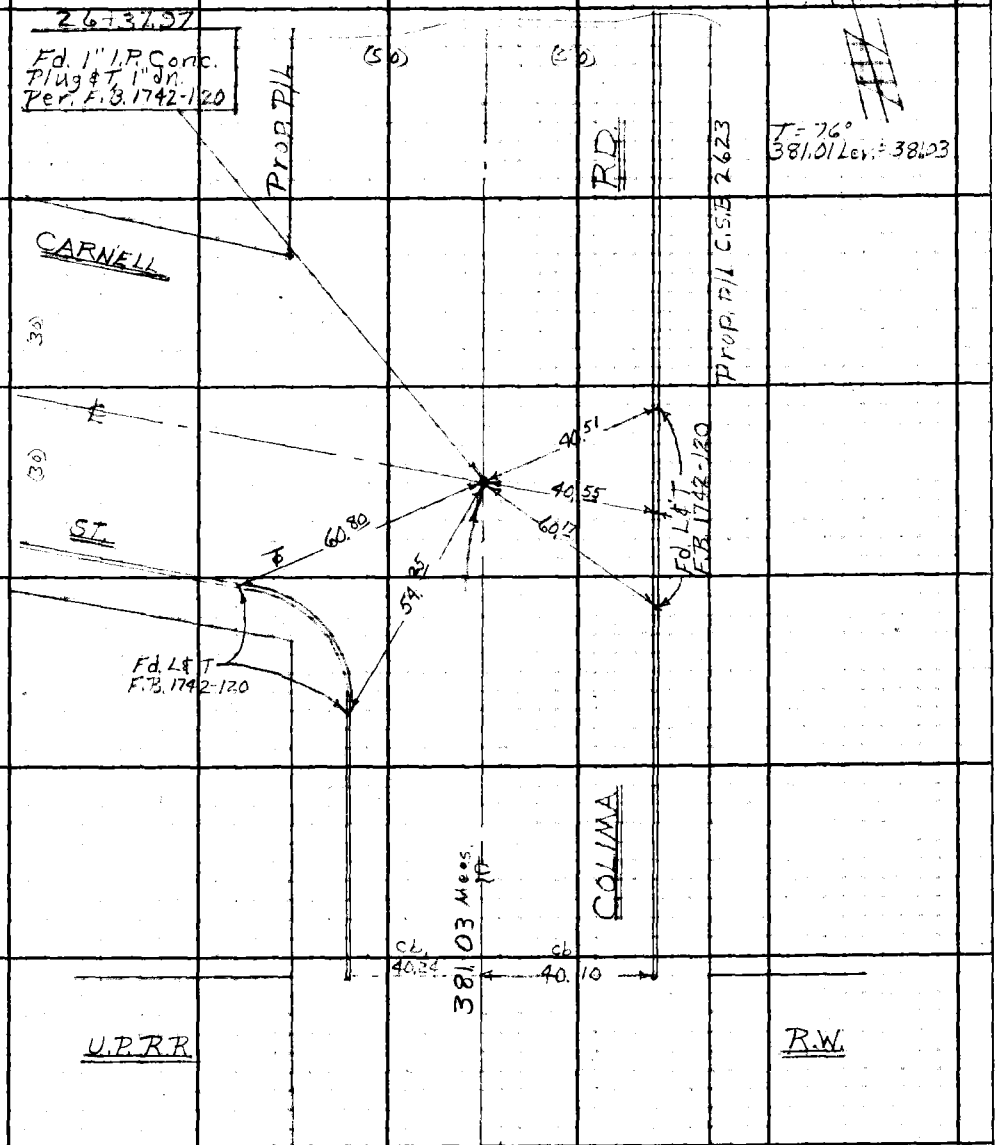
Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line 'D'	F. B. 3304 Pg. 89
Map No.	JN 6112.11 Tape 0242 Std 66 °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 5-65	
Date	Indexed G. J. GALLI	

W534 C-2



To Top Pg #87

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 6-63

F. B. 3304 PG. 90

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Notes Ck'd by	Survey of N. S.F. Springs DS	F. B. 3304 Pg. 91
Map No.	JN 6112.11 Tape Std °F	
Office Work	Surveyed by Burkholder	
Checked	Notes Le Gault Date 5-65	
Date	Indexed C. J. GALLE	

J.N. 6112.11

NORTH SANTA FE SPRINGS STORM DRAIN

LINE "D"

topog from -1+00 Luitwieler Ave & Lindhall Way
North to -25+00 on Luitwieler Ave S. of Carnell St.

PARTY
Burkholder
Le Gault
Bankson
Rangel

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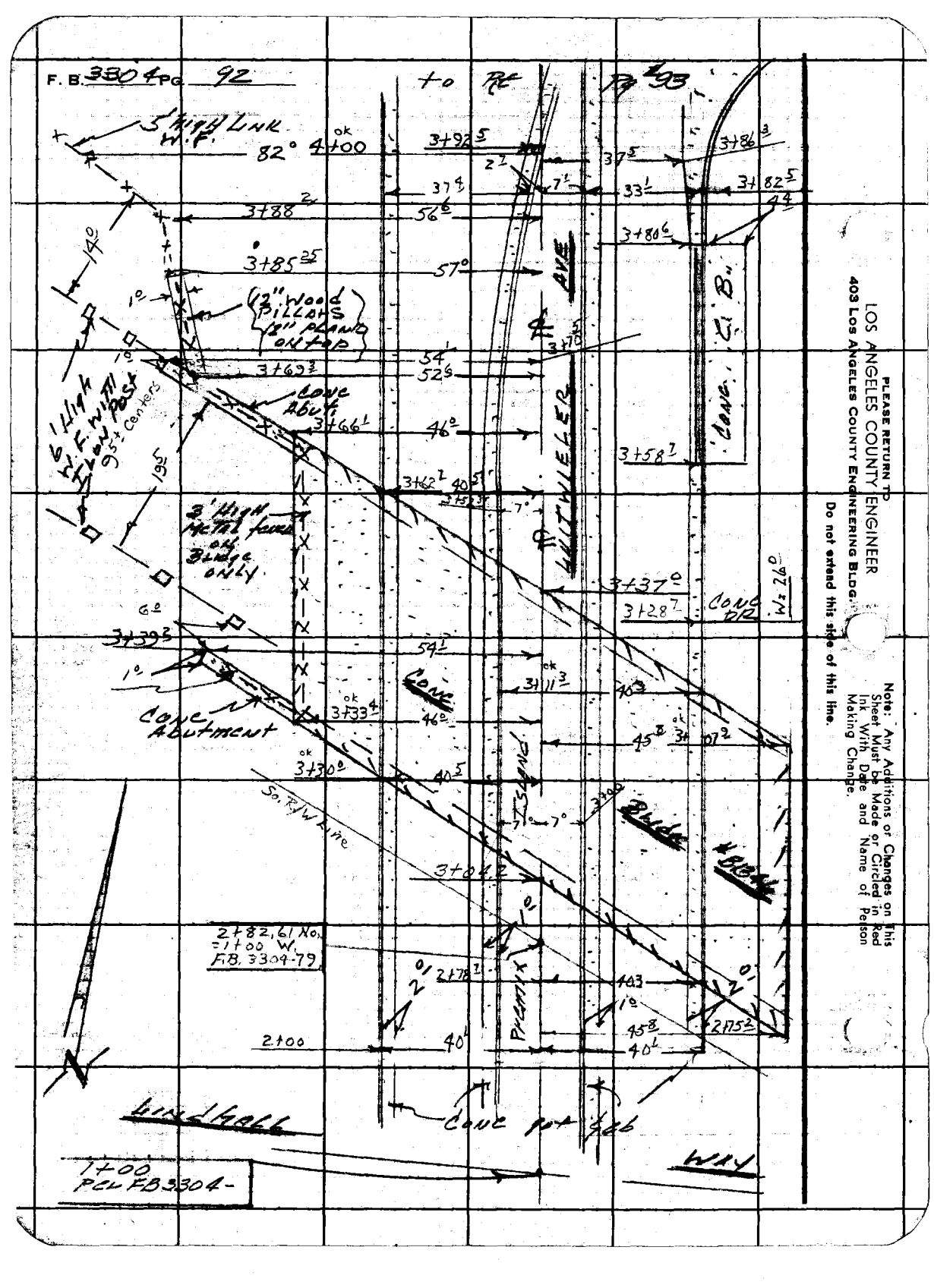
403 Los Angeles County Engineering Bldg.

76F309S CE #310 6-63



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76F3095 CE #310 6-53

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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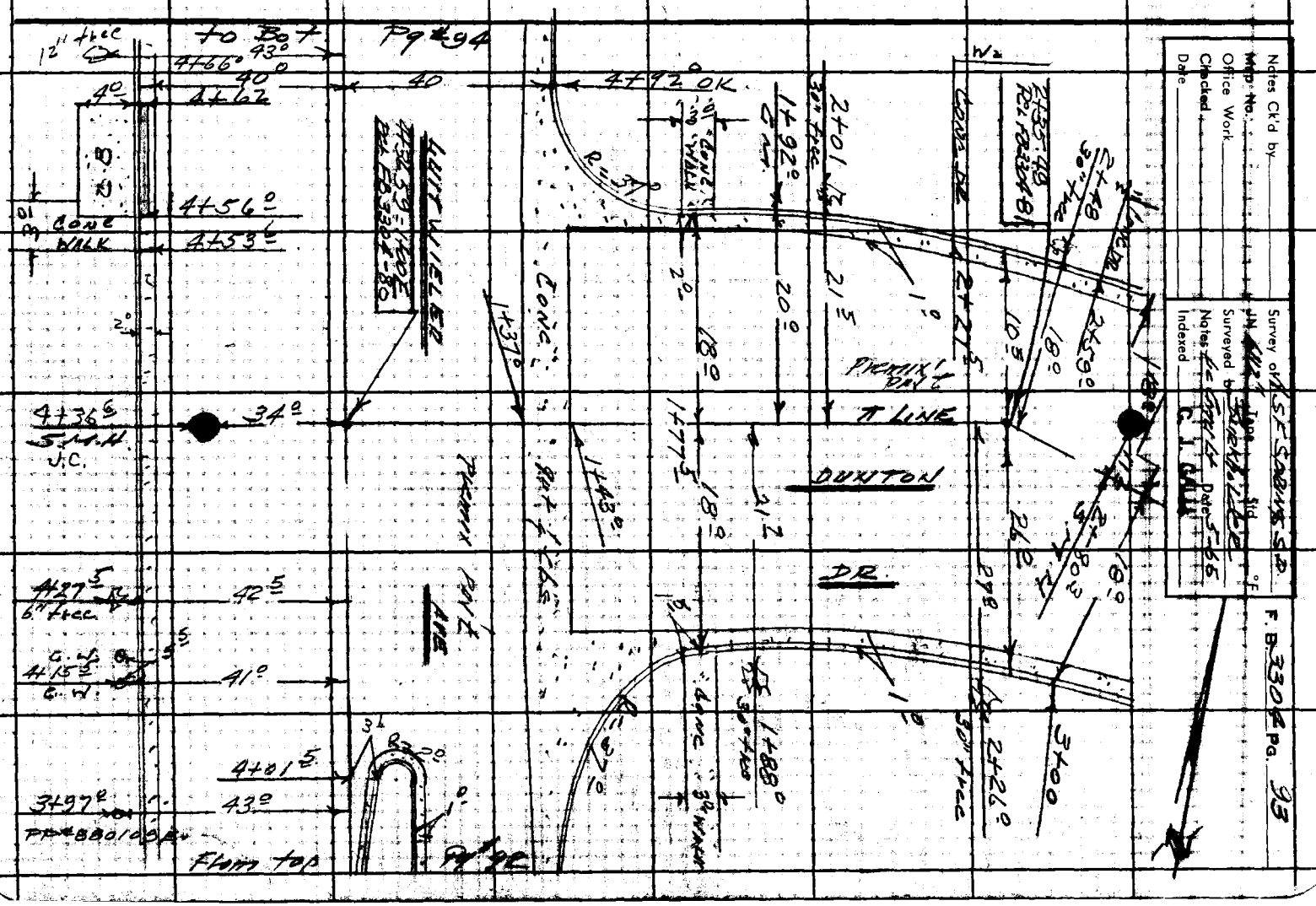
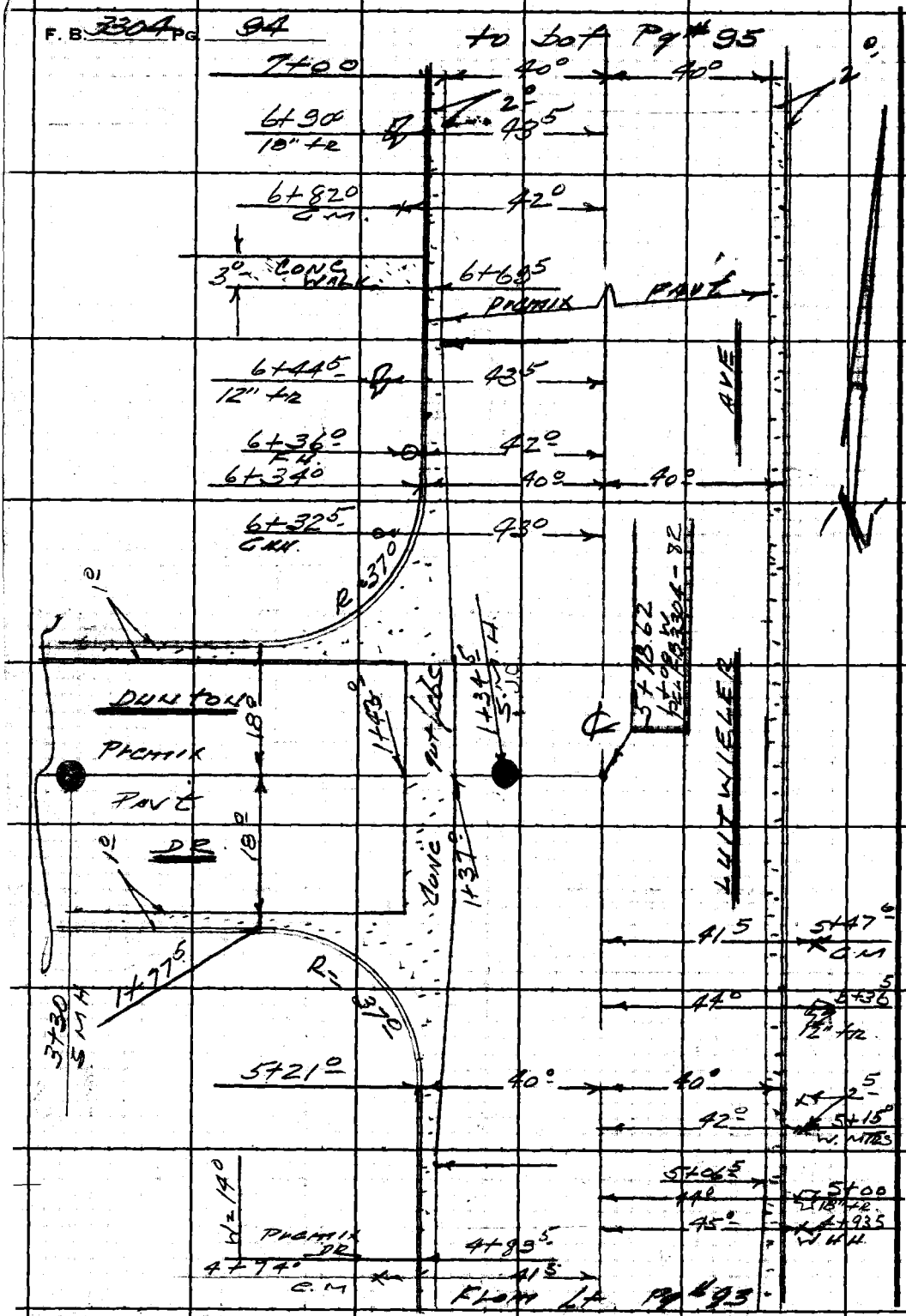


F. B. 3304 PG. 94



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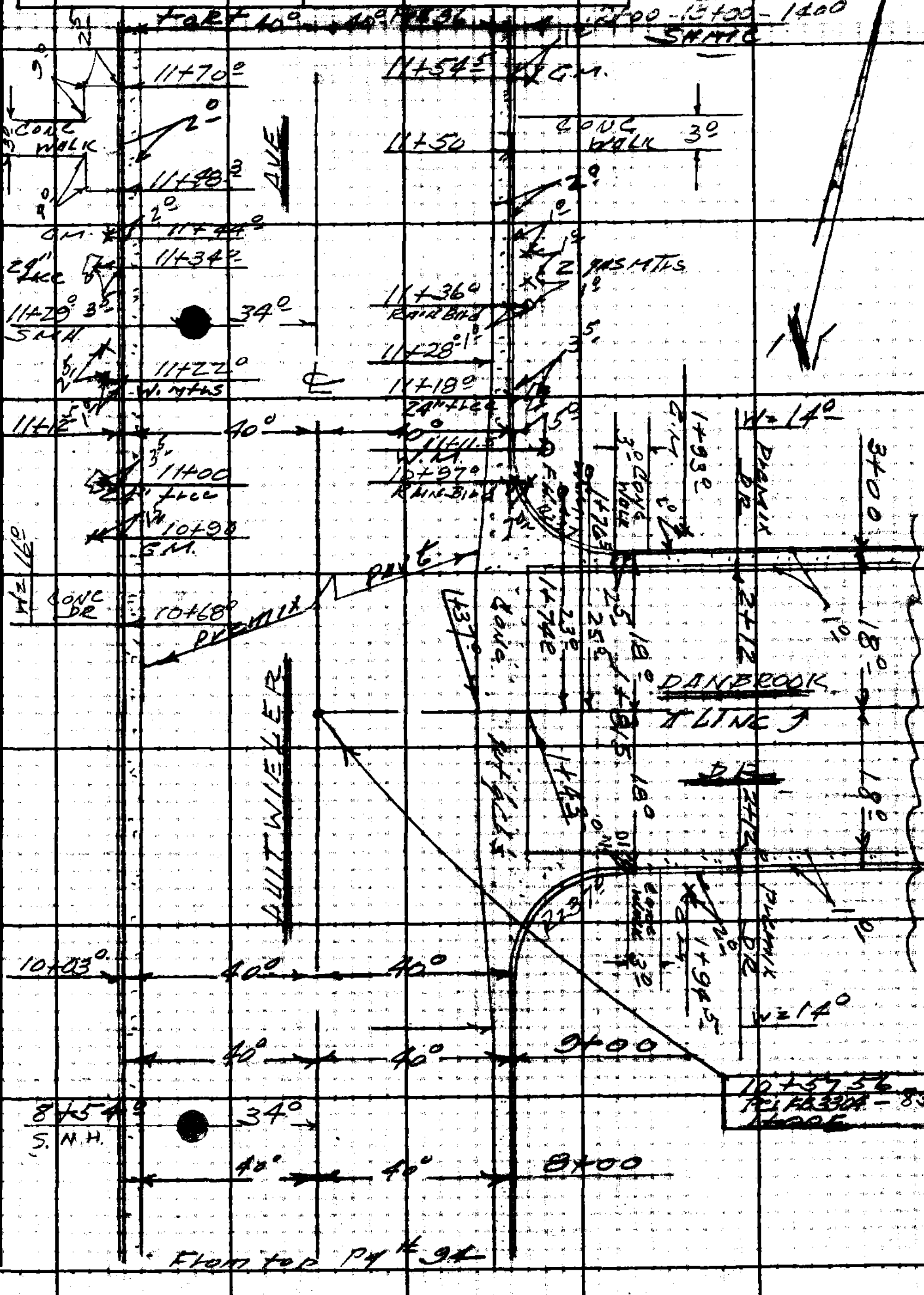
Notes Ck'd by	Survey of ASF Springs S.D.
Map No.	JN 4112'' Tape Std °F
Office Work	Surveyed by
Checked	Notes Date 5-65
Date	Indexed

F. B. 330A PG. 95



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76F309S CE #310 6-63

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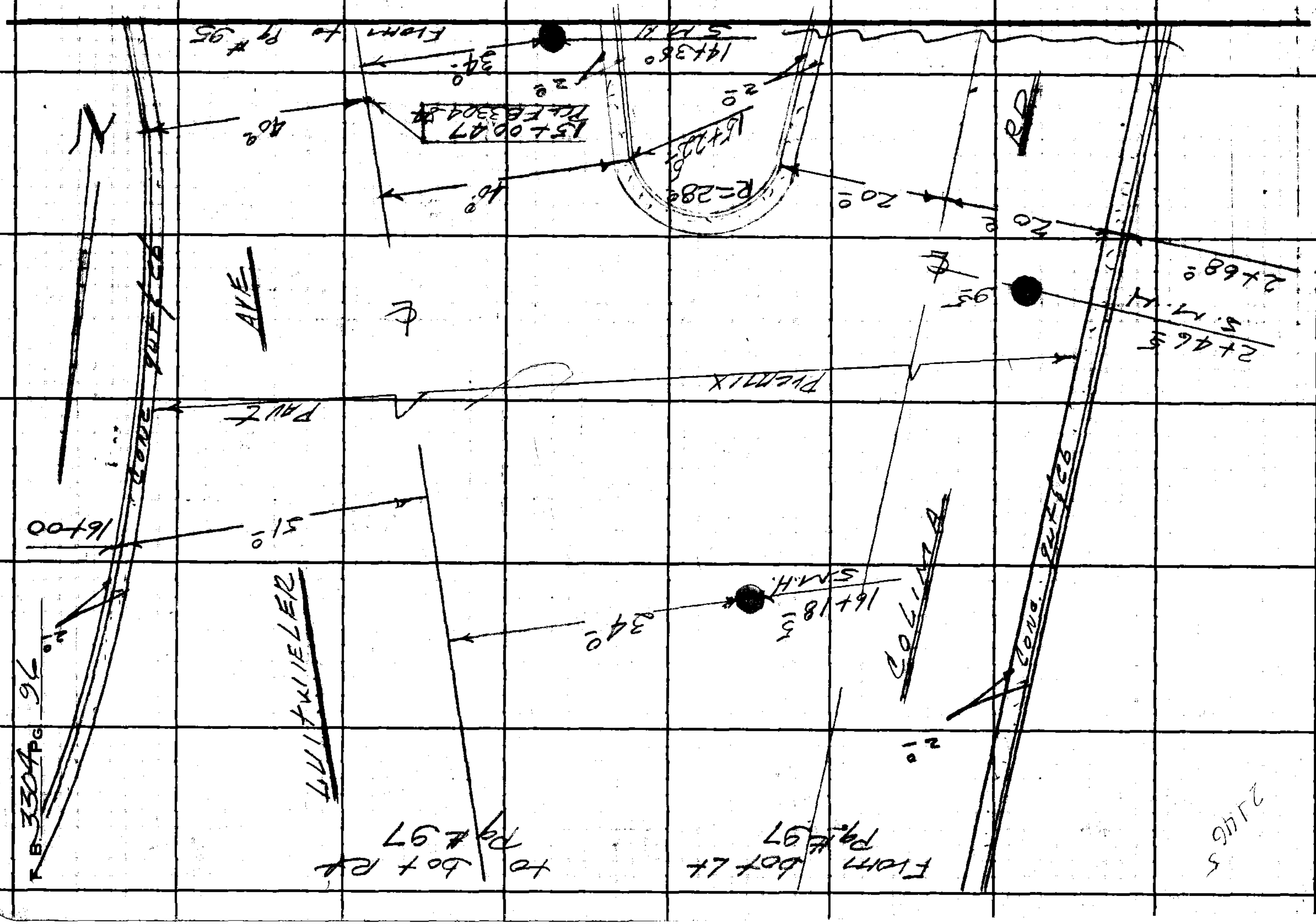
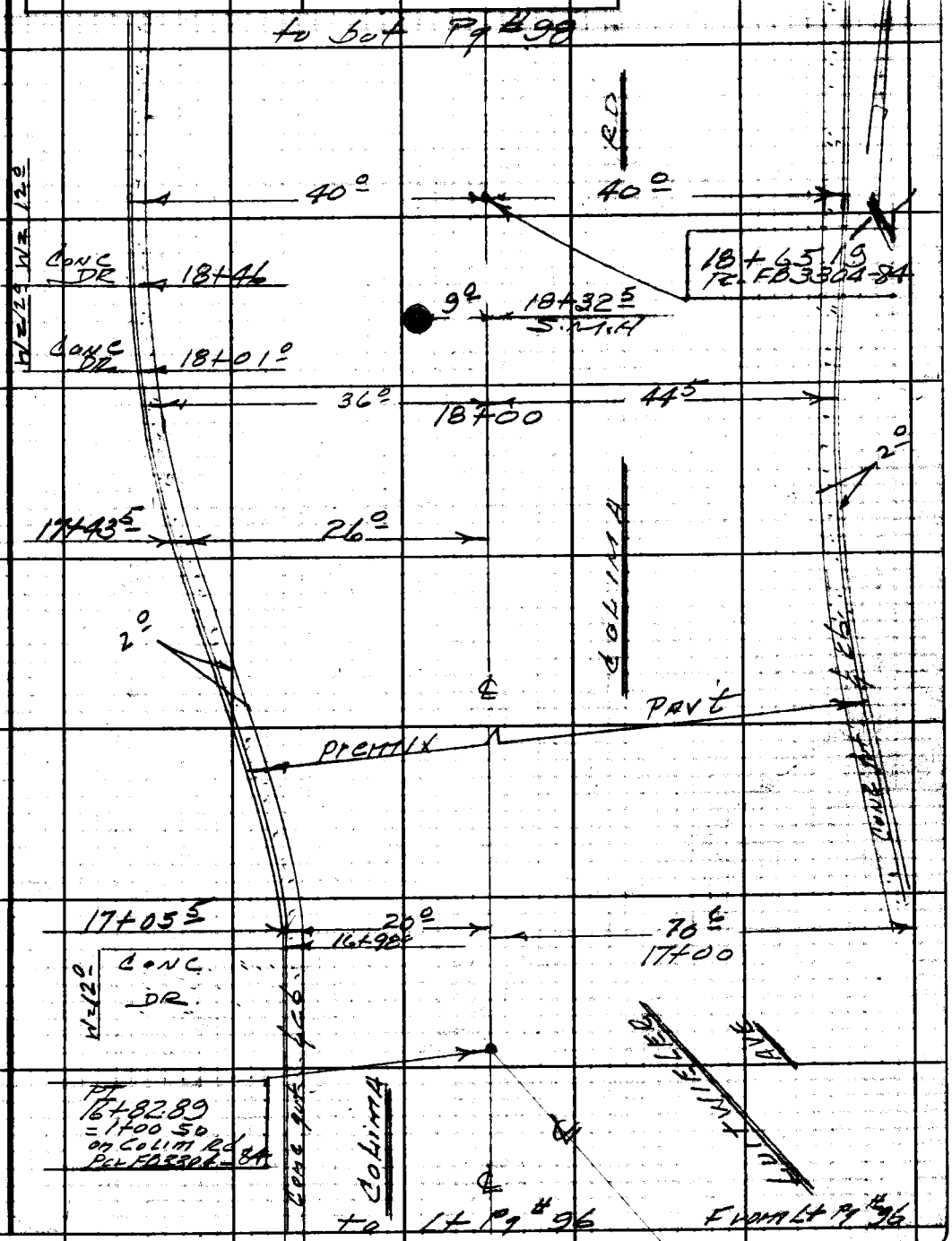


Notes Ck'd by	Survey of WSF Springs S.D.
Map No.	JN 6N24 Tape Std. °F
Office Work	Surveyed by Buckholder
Checked	Notes LeGault Date 5-65
Date	Indexed C. J. GALLI

F. B. 3304 PG. 97



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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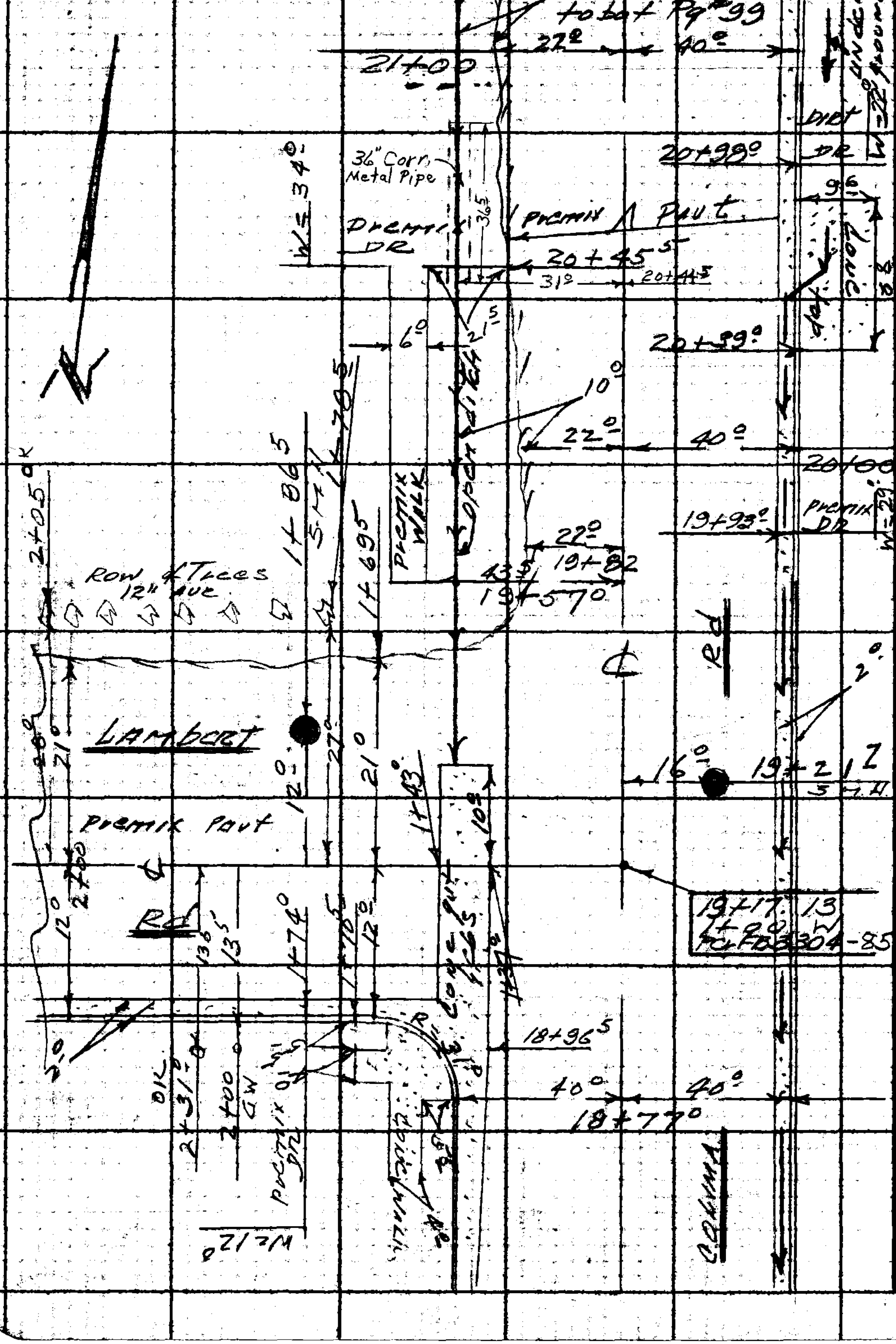
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3099 CE #310 6-63

F. B. 3304 PG 98



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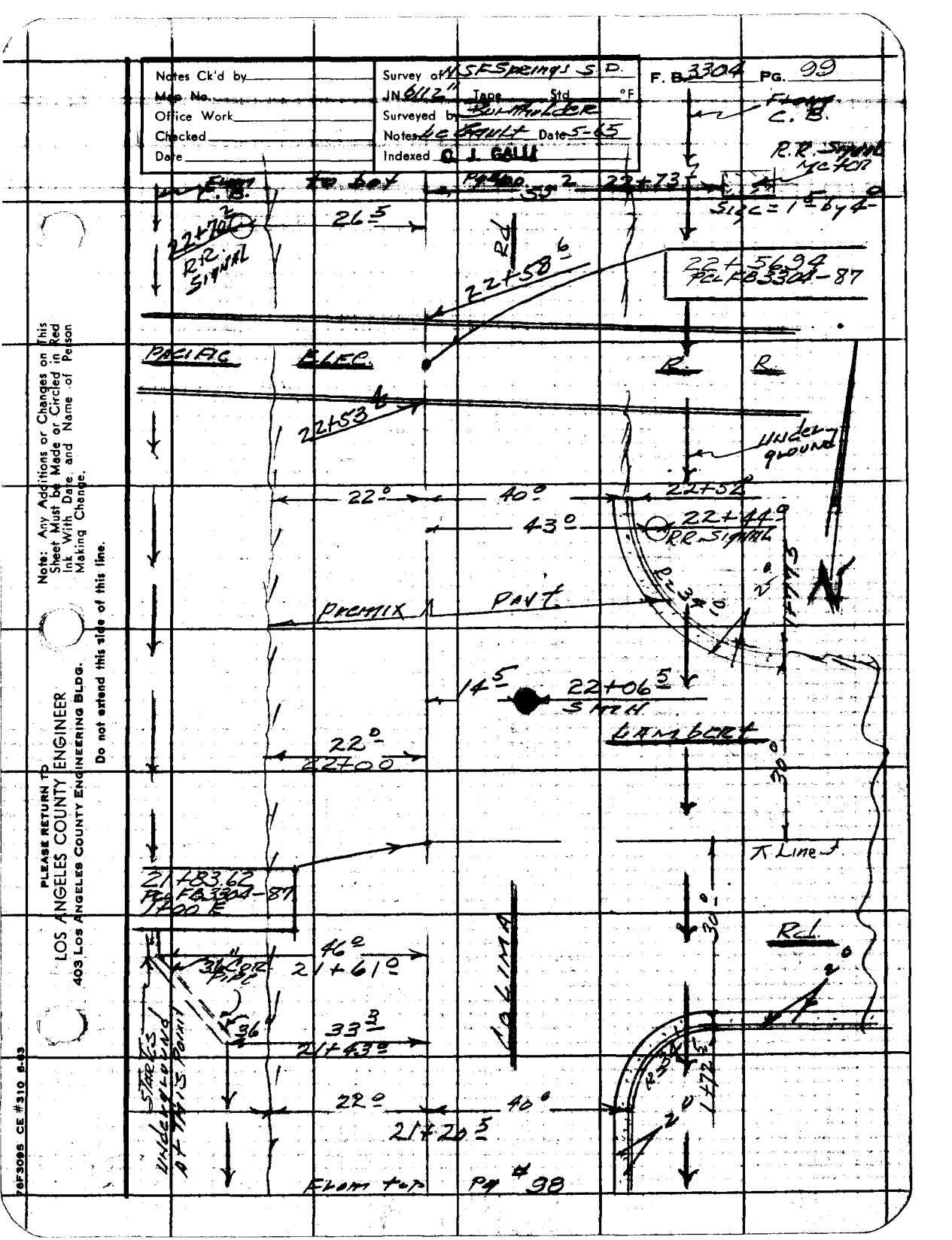
Notes Ck'd by
Map No.
Office Work
Checked
Date
Survey of NSF Springs S.D.
JN 6112" Tape Std °F
Surveyed by Burnholder
Notes LeGault Date 5-65
Indexed C. J. GALLI
F. B. 3304 PG. 99
From C.B.
R.R. Signal Meter
Size = 1.5 by 4
From C.B.
to bot
22+73
26.5
22+70
RR Signal
Rd
22+58.6
22+5694
PCL FB3304-87
PACIFIC
ELEC.
R
R
22+53
Underground
22.0
40.0
22+52
43.0
22+44.0
RR Signal
Premix
Pavt.
14.5
22+06.5
SMH
Lambert
22.0
22+00
30.0
Line
21+83.62
PCL FB3304-87
1+00 E
46.0
21+61.0
36" Cor. Pipe
36"
33.3
21+43.0
Colima
Rd.
Starts Underground at this point
22.0
40.0
21+20.5
From top Pg # 98
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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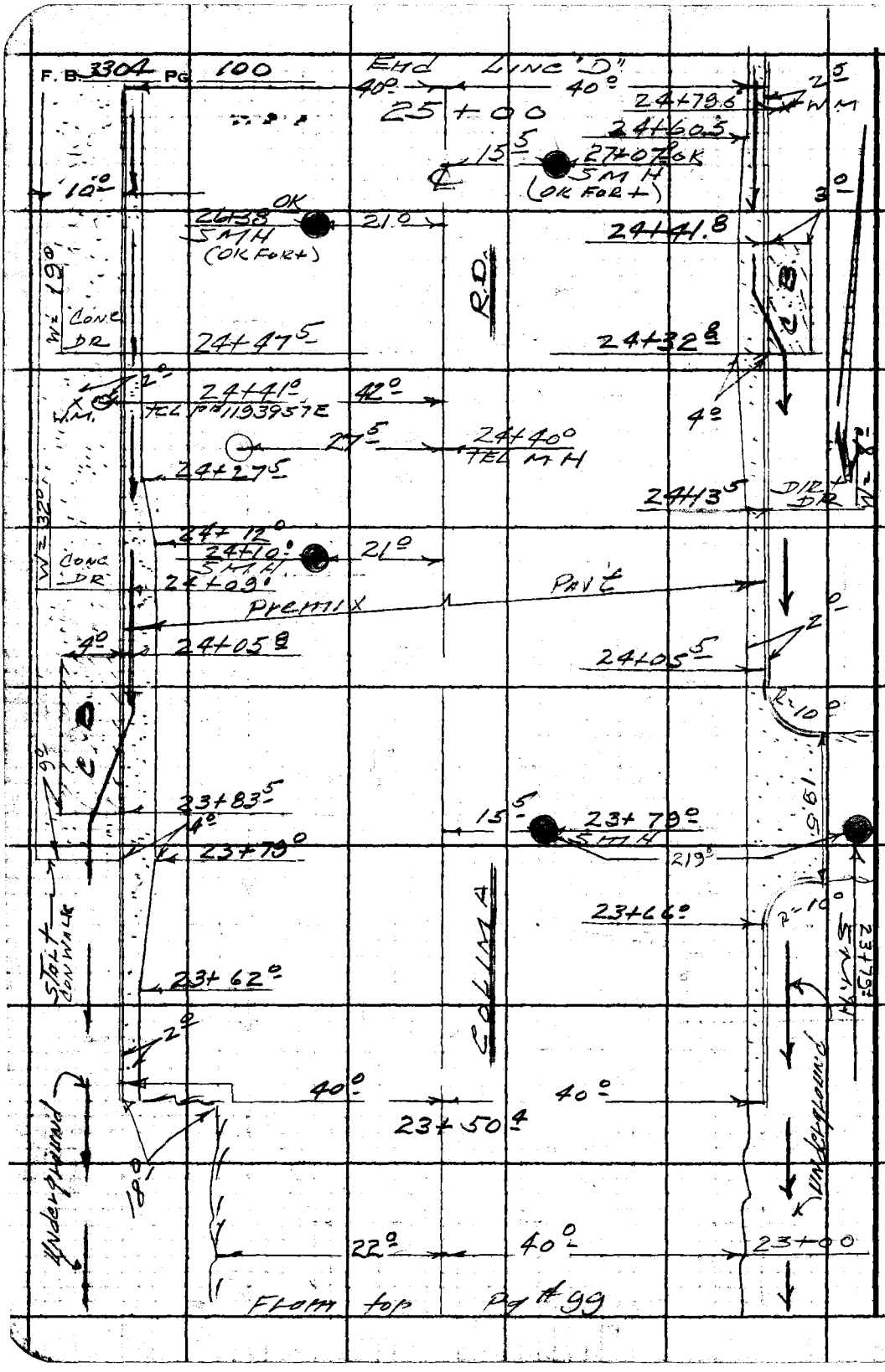
76F3095 CE #310 8-63



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403 Los Angeles County Engineering Bldg.

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Profile	Notes Red	Plotted	Job No. 6112.11	Division No. 11	F.B. 3304	Pg. 101
No.	Date	Date	Survey of N. Santa Fe Springs Line "D"			
X-Sec.	Notes Chkd.	Checked	Survey by Burkholder	Notes D.L.B.	Date 5-65	
No.	Date	Date	Map No.	Indexed C. J. Gault	Date	

J.N. 6112.11

No. SANTA FE SPRINGS

Storm Drain Preliminary

Line "D"

Cross-Sections

on Luitwieler Ave

from-Leffingwell Creek North

to-Carnell Ave.

Burkholder
LeGault
Bankson
Rangel

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

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76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

174.92

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Luitwieler Lt. & W. ℄	Ave Rt. & E.
B.M. S.D. 1231				184 53	B.M. S.D. 1231, El. = 184.527	F.B. 3304, 74.
					Luitwieler Ave. & Lindhall	Way, N.W. Cor. Bt. Spk in Ld.
					0.5 So. of No. Cb. Ret. Mkd.	B.M.
1+00				184 78		℄ Int. Luitwieler & Lindhall
2+00				184 57		℄ Pvmt.
2+75 2				184 64		℄ Paved Island.
				184 42		7° Top cb.
				183 89		8° Gut. in
				183 88		8 Gut out
				183 73		23 Pvmt.
				183 59		38' Gut out
				183 53		40' Gut in
				184 42		40' Top cb.
				184 59		45 Cor. Bridge, back Walk
Going West on So. R/W Leffingwell creek					Lt. & So.	Rt. & No.
2+82.61 No: Hoow.				184.61		℄ Int.
1+65.61				183 8		↑ E.C.
2+00				182 8		↑
				182 1		11 Top brk.
				172 6		25° Bot. brk @ Fence
				170 7		30 Bot. brk F.L.

F.B. 3304 Pg. 102
Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked X-Sec.
Indexed C. J. GALL Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & So. Leffingwell	Creek Rt. & No.
2+00				170 7		42^{5} Bot brk. F.L.
				172 4		45^{0} brk @ Fence
				182 9		61^{0} Top brk
				183 1		70^{0}
				182 9	4^{6} So. R/W ±	
2+50				181 6		
				181 4		7^{0} Top brk
				171 2		20^{0} brk @ Fence
				169 9		28^{0} bot brk. F.L.
				169 9		34^{0} bot. brk F.L.
				171 9		40^{5} brk @ Fence
				181 8		55^{5} Top brk.
				183 2		65^{0}
				182 7	4^{5} So. R/W ±	
3+00				180 9		
				171 3		11^{2} brk @ Fence
				169 6		17^{0} bot brk F.L.
				169 6		21^{0} bot. brk F.L.
				172 0		31^{5} brk @ Fence
				182 1		46^{5} Top brk
				183 2		55^{0}

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 103
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
Notes Chkd. ____ Checked ____ Survey by Buckhalter Notes D.L.B. Date 5-6-5
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLY Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt & So. Leffing well	Creek Rt. & No
3+00				181 2	2° Top brk	
				181 4	17³ So. R/W±	
3+01.89 P.I.				180 5		
3+50				180 8		
				180 3		7° Top brk.
				171 3		19⁵ brk @ Fence
				169 2		28⁵ bot brk F.L.
				169 2		34° bot. brk F.L.
				171 2		39⁵ brk @ Fence
				181 3		54° Top brk.
				181 9	7³ So. R/W±	
4+00				180 6		
				180 5		12° Top brk
				171 2		25° brk @ Fence
				169 0		33° bot brk F.L.
				169 0		37° bot brk. F.L.
				170 6		45° brk @ Fence
				181 5		62° Top brk
				180 8	1⁴ So. R/W.±	

F.B. 3304 Pg. 104
Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Luitwieler	℄ Ave. Rt. & E.
3+00		Going No. Luitwieler Ave.		184 41		℄ Paved Island.
3+07 9				184 32		℄ Paved Island.
				184 10		7° Top cb.
				183 55		7° Gut in
				183 39		23 6 Pvmt. (Conc)
				183 29		40 3 Gut in
				184 25		40 3 Top cb.
				184 36		45 8 Cor. bridge, back walk
3+33 4				184 13		℄
				183 93	7° Top cb.	
				183 39	7° Gut in	
				183 19	23 7 Pvmt. (Conc)	
				183 10	40 5 Gut. in	
				184 04	40 5 Top cb.	
				184 15	46 0 Cor. bridge, back walk	
				172 5	46 0 Creek bot. @ No. side wing wall	

Profile Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 105
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
X Sec. Notes Chkd. ____ Checked ____ Survey by Buckholder Notes D.L.R. Date 5-66
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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F.B. 3304 Pg. 106 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date No. X-Sec.
Survey by P.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	℄
3+35.1				184.16	48.1 Grd. brk Wing Wall
3+39.3				181.15	54.1 Top & end Conc. Wing Wall
3+42				172.1	46° brk @ Fence
3+49.2				170.8	46° F.L. Creek
3+66.1				183.90	℄ Pared. Island.
				183.77	6.6 Top. cb.
				183.24	6.6 Gut. in
				183.21	7.6 Gut. out
				182.97	23.7 Pvmt.
				182.82	38.5 Gut out
				182.81	40.5 Gut in
				183.78	40.5 Top cb.
				183.89	46° Cor bridge, back walk
				171.6	46° bot creek.
3+67.1				183.90	48.1 Grd. brk wing wall
3+69.3				181.76	52.6 Top wood wing wall
3+70.5				181.04	54.1 Top & end Conc. wing wall
3+70.5				171.9	54.1 dirt So. side end. Conc. wing wall
3+85.2				181.89	57° Top & end wood wing wall
				180.6	57° dirt W. side wood wing wall

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Luitwieler	℄ Ave Rt & E
3+69 7				18383		℄ Paved Island.
				18378		7° Top cb.
				18327		7° Gut in
				18325		8° Gut out
				18315		23⁵ Prmt
				18284		38² Gut out
				18262		40² Gut in
				18340		40² Top cb.
				17558		40² F.L. Bot. C.B. @ outlet
				18341		44⁶ Conc.
				1835		50° P/L.
4+00				18318		℄ Prmt.
4+36 59 No. = 1+00 E.	Int. Luitwieler	Dunton Dr &	Ave	18338		℄
			N. Rim	18241	34° S.M.H. J.C.	
			S. Rim	18241	Rim 18241	18241
					Meas 647	666
					Top pipe 17594	17575
					Diam .67	67
					Inv. E. inlet 175.27	Inv. N. outlet 175.08
B.M. S.D. 1232				182.88	B.M. S.D. 1232 El. = 182.88, F.B. 3304-74, Luitwieler Ave & Dunton Dr. S.W. Cor. Add. B.M. Nail in Ld. 27' So. of So. Cb. Ret.	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 107
Date ___ Date ___ Survey of N. Santa Fe Springs Line "D"
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by Burknoiser Notes ___ Date ___
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

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F.B. 3304 Pg. 108 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile No.
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date X-Sec. No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & N. Dunton	Dr. Rt. & S.
Going East on Dunton Dr.						
4+36.59 No. = 1+00.5				18338		
1+37.0				18312		Edge Conc. Gut.
1+40				18300		F.L. " "
1+43				18313		Edge Conc. Gut.
1+87.5				18400		Pvmt.
				18375		9° Pvmt.
				18345		17° Gut out
				18330		18° Gut in
				18391		18° Tp cb.
				1841		30° P/L.
				18380	9° Pvmt.	
				18340	17° Gut out	
				18331	18° Gut in	
				18397	18° Top cb.	
				1845	30° P/L.	
2+27.5				18431		
				18437		3°-¢ Pvmt.
				18435		12° Pvmt
				18379		24 Gut.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Dunton	⊼ Dr. Rt. & S.
2+27.5				18435		24 Top cb.
				1846		30 P/L.
				18407	7° Pvmt.	
				18387	13° Gut out	
				18373	14 Gut. in	
				18426	" Top cb.	
				1847	25 P/L.	
2+80.3					11² S.M.H.	
			E. Rim	18463	Rim 18463	
			W. Rim	18463	Meas. 710	
					Top Pipe 17753	
					Diam 67	
					Inv. W. outlet 176.86	
3+27.5				18543		⊼ Pvmt
				18506		9° Pvmt.
				18466		18° Gut.
				18515		18° Tp cb.
				1854		30° P/L.

Profile Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 109
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
X-Sec. Notes Chkd. ____ Checked ____ Survey by Burkholder Notes Dill B. Date 5-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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F.B. 3304 Pg. 110 Job No. 6112.11 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date ____ No. ____ X-Sec. ____
Survey by D.L.B. Notes Burkholder Notes Chkd. ____ Checked ____ No. ____
Indexed C. J. GALLI Date ____ Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	Lt & N. Dunton	Dr. Rt. & S.
3+27.5				18510	9° Prmt.	
				18472	17° Gut out	
				18457	18° Gut. in	
				18520	18° Top cb.	
				1854	30° P/L.	
	Going No. on Luitwiler Ave.				Lt. & W. Luitwieler	Ave. Rt. & E.
4+36.59 No=1400E.				18338		
4+59°				18347		
				18295	20° Prmt.	
				18224	38° Gut out	
				18197	40° Gut. in	
				18271	40° Tp cb.	
				17921	40° F.L. Bot. C.B.@ Sa outlet	
				18272	44° Conc.	
				1828	50° P/L.	
5+02°				18362		
				18387		20° Prmt
				18345		38° Gut out.
				18325		40° Gut in

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Luitwieler	℄ Ave.	Rt. & E.
5+02°				183 95		40° Top Cb.	
				1843		50° P/L.	
5+11				18367		℄	
				18314	20° Prmt.		
				18237	38° Gut. out.		
				18224	40° Gut. in.		
				18290	40° Tp. Cb.		
				1833	50° P/L.		
5+78.62 No.=1400 W.		Int Luitwieler Ave & Dunton Dr. (West)		18390		℄	
	Going West on Dunton Dr.				Lt. & S. Dunton	↑ Dr.	Rt. & N.
1+34.5						↑ S.M.H. J.C.	
		N. Rim		18377	Rim 183 72	183 72	183 72
		S. Rim		18368	Meas. 8 00	781	782
					Top Pipe 175 72	175 91	175 90
					Diam 67	100	100
					Inv. S. Inlet 175.05	Inv. N. Inlet 174 91	Inv. W. outlet 174.90

Profile Notes Red ____ Plotted ____ Job No. 6112 11 Division No. 11
No. ____ X-Sec. ____ Date ____ Date ____ Survey of N Santa Fe Springs Line 'D'
No. ____ Notes Chkd. ____ Checked ____ Survey by Backhiller Notes D.K. Date 5-65
Date ____ Date ____ Map No. ____ Indexed G. J. GALLY Date ____

F. B. 3304 Pg. 111

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F.B. 3304 PG. 112 | Job No. 6112.11 | Division No. 11 | Notes Red | Plotted | Profile
Survey of N. Santa Fe Springs Line "D" | Date 5-65 | Date | No. | X-Sec.
Survey by D.L.B. | Notes Burkhabler | Notes Chkd. | Checked | No.
Indexed C. J. GALL | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & S. Dunton	Dr. Rt. & N.
1+37°				18259		Edge Conc. Gut.
1+40°				18251		F.L. " "
1+43°				18262		Edge Conc. Gut.
1+87.5				18307		
				18304		9° Pvmt.
				18280		17° Gut out
				18265		18° Gut. in.
				18327		18° Top cb.
				1836		30° P/L.
				18280	9° Pvmt.	
				18264	17° Gut out	
				18253	18° Gut in	
				18319	18° Tp. cb.	
				1833	30° P/L.	
3+30°						S.M.H.
		W.	Rim	18117	Rim 18117	
		E.	Rim	18117	Meas. 768	
					Top Pipe 17349	
					Diam 100	
					Inv. E. Inlet 172.49	

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Luitwieler	℄ Ave Rt. & E.
	Going No. on Luitwieler Ave					
5+78.62 No. = 1+00 W				18390		℄ Pvmt.
6+00				18395		℄ Pvmt.
6+44°				18404		℄ Pvmt.
				18436		20° Pvmt.
				18388		38° Gut out.
				18373		40° Gut. in
				18437		40° Top cb.
				1847		50° P/L.
				18353	20° Pvmt.	
				18290	38° Gut. out.	
				18272	40° Gut in	
				18333	40° Tp. Cb.	
				1837	50° P/L.	
6+84°				18420		℄ Pvmt.
				18450		20° Pvmt.
				18400		38° Gut. out
				18386		40° Gut. in
				18450		40° Tp. Cb.
				1849		50° P/L

Profile Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 PG. 113
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kurtzhaber Notes P.L.B. Date 5-65
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLIN Date ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W Luitwieler	℄ Ave. Rt. & E.
6+84°				18377	20° Pvmt.	
				18303	38° Gut out	
				18283	40° Gut in	
				18347	40° Tp. Cb.	
				18406	50° P/L.	
7+00	T.P			18427		℄ Pvmt.
7+84°				18457		℄ Pvmt.
				18485		20° Pvmt.
				18440		38° Gut. out
				18428		40° Gut. in
				18490		40° Tp. Cb.
				1852		50° P/L.
				18410	20° Pvmt.	
				18341	38° Gut out	
				18325	40° Gut in	
				18390	40° Tp. Cb.	
				1845	50° P/L.	
8+00				18458		

F.B. 3304 PG. 114 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed Date Date No.
C. J. GALLI

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Luitwieler	℄ Ave.	Rt. & E.
8+54°					34° S.M.H.		
		N.	Rim	18377	Rim 18379	18379	
		S.	Rim	18380	Meas. 754	767	
					Top Pipe 17625	17612	
					Diam 100	100	
					Inv. N. Inlet 175.25	Inv. S. outlet 175.12	
9+00				18480		℄ Pvmt.	
9+93°				18513		℄ Pvmt.	
				18532		20° Pvmt	
				18511		38° Gut out	
				18495		40° Gut in	
				18558		40° Top cb.	
				1860		50° P/L.	
				18465	20° Pvmt		
				18410	38° Gut. out		
				18394	40° Gut. in		
				18452	40° Top cb.		
				1848	50° P/L		
10+00		Int Luitwieler Ave		18513		℄ Pvmt.	
10+57.56N. = 1+00E.		& Danbrook Dr. T.P. =		18528		℄ Pvmt.	

Profile Notes Red ____ Plotted ____ Job No. 61121 Division No. 11 F.B. 3304 Pg. 115
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
X-Sec. Notes Chkd ____ Checked ____ Survey by Burkholder Notes D.L.B. Date 5-65
No. ____ Date ____ Date ____ Map No. ____ Indexed J. [illegible] Date ____

76-L-298 CE 307 2-63

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F.B. 3304 Pg. 116 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile No.
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date X-Sec. No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed C. J. GALL Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & N. Danbrook	Dr. Rt. & So.
	Going East on Danbrook Dr.					
10+57.56 N. = 1+00 E.				18528		
1+37				18514		Edge Conc. Gut.
1+40				18506		F.L. " "
1+43				18513		Edge " "
1+91.5				18616		Pvmt.
				18601		9° Pvmt.
				18558		17° Gut. out
				18544		18° Gut in
				18601		18° Tp. cb.
				1863		30° P/L.
				18594	9° Pvmt.	
				18568	17° Gut out	
				18551	18° Gut in	
				18611	18° Tp cb.	
				1865	30° P/L.	
2+31.5				18653		Pvmt.
				18632		9° Pvmt.
				18597		17° Gut out
				18587		18° Gut in

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Danbrook	↑ Dr. Rt. & S.
2+31.5				18645		18° Tp. Cb.
				1868		30° P/L.
				18632	9° Pvmt.	
				18601	17° Gut. out	
				18592	18° Gut. in	
				18655	18° TP. cb.	
				1869	30° P/L.	
3+31.5				18744		↑ Pvmt
				18743		9° Pvmt.
				18692		17° Gut out
				18682		18° Gut in
				18738		18° Top cb.
				1880		30° P/L.
				18724	9° Pvmt.	
				18693	17° Gut out.	
				18687	18° Gut in	
				18740	18° TP. cb.	
				1876	30° P/L	
B.M.S.D. 1233				18557	B.M.S.D. 1233, El. = 185.566 F.B. 3304-74, Luitwieler Ave & Danbrook Dr. S.E. Cor. a fd. B.M. Nail in Ld. 1° So. of So. Cb. Ret	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 117
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
Notes Chkd. ____ Checked ____ Survey by Burkholder Notes Pub. B. Date 5-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. Grill Date ____

76-L-298 CE 307 2-63

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F.B. 3304 Pg. 118 | Job No. 6112.11 | Division No. 11 | Notes Red | Plotted | Profile
Survey of N. Santa Fe Springs Line "D" | Date 5-65 | Date | No. | X-Sec.
Survey by D.L.B. | Notes Burkholder | Notes Chkd. | Checked | No.
Indexed G. J. GALL | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Luitwieler	℄	Ave.	Rt. & E.
		Going No. on Luitwieler Ave.						
10+57.56 N. = 1+00 E.				18528			℄ Pvmt.	
11+00				18523			℄ Pvmt.	
11+22				18552			℄ Pvmt.	
				18579			20° Pvmt.	
				18556			38° Gut out	
				18534			40° Gut in	
				18536			40° Tp cb.	
				1864			50° P/L	
				18513	20° Pvmt.			
				18453	38° Gut. out			
				18440	40° Gut in			
				18500	40° Tp. Cb.			
				1853	50° P/L.			
11+29°					34° S.M.H.			
		N.	Rim	18468	Rim	18468		18468
		S.	Rim	18468	Meas. Top Pipe	731		715
						17737		17753
					Diam	100		100
					Inv. N. Inlet	17637	Inv. So. outlet	17653

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Luitwieler	℄ Ave. Rt. & E.
11+625				18570		℄ Pvmt.
				18597		20° Pvmt.
				18584		38° Gut. out
				18563		40° Gut. in
				18610		40° Tp. Cb.
				1865		50° P/L.
				18528	20° Pvmt.	
				18461	38° Gut. out	
				18447	40° Gut. in	
				18506	40° Tp. Cb.	
				1854	50° P/L.	
12+00		T.P.		18591		℄ Pvmt.
12+625				18614		℄ Pvmt.
				18636		20° Pvmt.
				18603		38° Gut out.
				18590		40° Gut. in
				18650		40° TP. Cb.
				1869		50° P/L.
				18571	20° Pvmt.	
				18500	38° Gut. out.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 119
Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Burkhalter Notes D.L.B. Date 5-65
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 2-63

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F. B. 3304 Pg. 120 Job No. 6112.11 Division No. 11 Notes Red. ___ Plotted ___ Profile
Survey of N. Santa Fe Springs Date 5-6-5 Date ___ No. ___ X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. ___ Checked ___
Indexed C. J. GALLI Date ___ Date ___ No. ___

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Luitwieler	℄ Ave. Rt. & E.
12+62.5				18488	40° Gut. in	
				18548	40° Tp. Cb.	
				18622	50° P/L.	
13+00				18622		℄ Pvmt.
14+00				18668		℄ Pvmt.
14+36°					34" S.M.H.	
		N.	Rim	18570	Rim 18570	18570
		S.	Rim	18570	Meas. 668	683
					Top Pipe 17902	178.87
					Diam 100	100
					Inv. N. Inlet 178.02	Inv. S. outlet 177.87
15+00.47 B.C.		T.P.		18726		℄ Pvmt.
15+12.5				18734		℄ Pvmt.
				18738		20° Pvmt.
				18691		38° Gut. out
				18678		40° Gut. in
				18738		40° Tp. Cb.
				1878		50° P/L
				18685	20° Pvmt.	
				18588	38° Gut out.	

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Luitwieler		℄ Ave.	Rt. & E.
15+12.5				185.74	40° Gut. In			
				186.35	40° Tp. Cb.			
				186.6	50° P/L.			
16+00							℄ Pvmt.	
16+18.5					34° S.M.H.			
		N. Rim		188.05	Rim	188.04	188.04	
		S. Rim		188.03	Meas.	7.87	8.10	
					Top Pipe	180.17	179.94	
					Diam	1.00	1.00	
					Inv. N. Inlet	179.17	Inv. S. outlet	178.94
P.I. 16+82.89 N. = 1+00 S. on Colima		P.I. & Int. Luitwieler Ave & Colima Rd. So.		189.03			℄ Pvmt.	
		Going So. on Colima Rd.			Lt. & E.	Colima	℄ Rd.	Rt. & W.
16+82.89 N. = 1+00 So.				189.23			℄ Pvmt.	
2+00 So.				187.92			℄ Pvmt.	
2+46.5							9.5 S.M.H.	
		N. Rim		187.15	Rim	187.15		
		S. Rim		187.15	Meas.	7.38		
					Top Pipe	179.77		
					Diam	0.67		
					Inv. N. Inlet	179.10		

Profile Notes Red. ____ Plotted ____ Job No. 6112.11 Division No. 11
X-Sec. Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
No. ____ Notes Chkd. ____ Checked ____ Survey by Buckholder Notes by R.B. Date 5-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3304 Pg. 121

76-L-296 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & E. Colima	℄ Rd. Rt. & W.
2+78°				18706		℄ Pvmt.
				18668		10° Pvmt.
				18620		18° Gut. out
				18594		20° Gut. in
				18657		20° Tp. cb.
				1868		30° P/L.
				18670	10° Pvmt.	
				18598	18° Gut out.	
				18581	20° Gut. in	
				18643	20° Tp. cb.	
				1867	30° P/L.	
		Going No. on Colima Rd. Lt. & W. Colima				℄ Rd. Rt. & E.
16+82.89 N. = 1+00 Sa		t. P.		18903		℄ Pvmt.
17+00				18924		℄ Pvmt.
18+00				19058		℄ Pvmt.
18+32.5					9° S.M.H. Rim 19093	
		N.	Rim	19093	Meas. 740	
		S.	Rim	19093	Top Pipe 18353	
					Diam .67	
					Inv. So. outlet 18286	

F.B. 3304 Pg. 122 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed G. J. [illegible] Date Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Colima	℄ Rd. Rt. & E.
18+67°				19153		℄
				19123		20° Prmt.
				19052		38° Gut out
				19036		40° Gut. in
				19100		40° Tp. Cb.
				1913		50° P/L.
				19116	20° Prmt.	
				19080	38° Gut. out	
				19062	40° Gut. in	
				19128	40° Tp. Cb.	
				1916	50° P/L. back Walk	
19+17.13.N.=1+00 W.		Int. Colima Rd. & Lambert. Rd.		19231		℄ Prmt.
		Going West on Lambert Rd.				
					Lt. & S. Lambert	℄ Rd. Rt. & N.
19+17.13.N.=1+00W.				19231		℄ Prmt.
1+37°				19157		℄ Edge Conc. Gut.
1+40°				19154		℄ F.L. " "
1+43°				191160		℄ Edge Conc. Gut.
1+80.5				19230		℄
				19242		10.5 Prmt.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 123
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
Notes Chkd. ____ Checked ____ Survey by Burkholder Notes D.L.B. Date 5-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALDEN

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & S. Lambert	℄ Rd. Rt. & N.
1+80.5				19234		21° Edge Pvmt.
				19282		24° Top brk
				1932		30° P/L
				19166	10° Gut out	
				19145	12° Gut in	
				19206	12° top cb	
				1923	24 P/L	
1+86.5						12' S.M.H.
		E.	Rim	19248	Rim	192.48
		W.	Rim	19247	Meas	5.52
					Top Pipe	186.96
					Diam.	.67
					Inv. W. outlet	186.29
2+20.5				19256		℄ Pvmt.
				19276		10° Pvmt.
				19266		21° Edge Pvmt.
				1928		30° P/L
				19192	10° Gut out	
				19176	12° Gut in	
				19246	12° top cb	
				1926	24 P/L	

F.B. 3304 Pg. 124 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked Date No.
Indexed C. J. GALL Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & S. Lambert	℄ Rd. Rt. & N.
3+20.5				19330		℄ Prmt.
				19353		10.5 Prmt.
				19330		21° Edge Prmt.
				1932		30° P/L.
				19252	10° Gut. out	
				19235	12° Gut. in	
				19300	12° Tp. Cb.	
				1929	24° P/L.	
B.M. S.D. 1234				19152	B.M. S.D. 1234 El. = 191.508, F.B. 3304-75, Colima Rd. & Lambert Rd. S.W. Cor. 1st So. of So. Cb. Ret. B.M. Nail in Ld. (cb. Chiseled B.M. W.Z. 281)	
		Going No. on Colima Rd.			Lt. & W. Colima	℄ Rd. Rt. & E.
19+17.13 N = 1+00 W.				19231		℄ Prmt.
19+21.7						16" S.M.H.
			N. Rim	19226	Rim 192.27	192.27
					Meas. 11.57	10.69
			S. Rim	19228	Top Pipe 180.70	181.58
						.83
					Diam. 1.00	
					Inv. So. outlet 180.70	Ink N. Index 180.75

Profile Notes Red. Plotted Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 125
No. Date Date Survey of N. Santa Fe Springs Line "D"
X-Sec. Notes Chkd. Checked Survey by Burkholder Notes D.L.B. Date 5-65
No. Date Date Map No. Indexed C. J. GALLI Date

76-L-296 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Colima	℄ Rd. Rt. & E.
19+82°				19332		℄ Pvmt.
				19314		20° Pvmt.
				19270		38° Gut. out.
				19258		40° Gut. in
				19319		40° Tp. Cb.
				1934		58° P/L.
				19337	11° Pvmt.	
				19314	22° Edge Pvmt.	
				1939	24° Top berm	
				1918	27° Bot. Drain	
				1917	34° Bot. Drain	
				1920	36' Top brk.	
				1932	50° P/L. back Premix walk	
20+22°				19436		℄ Pvmt.
				19402		20° Pvmt.
				19384		38° Gut. out.
				19368		40° Gut. in
				19431		40° Tp. Cb.
				1945		50° P/L.
		+P.		19431		

F.B. 3304 Pg. 126 | Job No. 6112.11 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of N. Santa Fe Springs Line "D" | Date 5-6-5 | Date | No. | X-Sec.
Survey by D.L.B. | Notes Burkholder | Notes Chkd. | Checked | No.
Indexed C. J. CALM | Date | Date | Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Colima	℄ Rd. Rt. & E.
20+22°				19437	11° Prmt.	
				19416	22° Edge Prmt.	
				1945	24° Top berm.	
				1923	27° Bot. drain	
				1923	34° Bot. drain	
				1936	36° Top brk	
				1938	50° P/L back Pre-mix walk	
20 ± 43°				19472		℄ Prmt.
				19455		20° prmt.
				19413		38° Gut out.
				19390		40° Gut. in @ outlet structure
				19477		40° Top cb.
				1950		50° P/L Conc slab.
20+44.5				19484		℄ Prmt.
				19282	31° F.L. 36" Corr. Metal Pipe	
20+81°				19597		℄ prmt.
				19321	31° F.L. 36" Corr. Metal Pipe	
21+10.5				19683		℄ Prmt.
				19668		20° Prmt.
				19618		38° Gut. out.
				19620		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 127
Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Bunkholder Notes D.L.B. Date 5-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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F.B. 3304 Pg. 128 | Job No. 6112.11 | Division No. 11 | Notes Red | Plotted | Profile No.
Survey of N. Santa Fe Springs Line "D" | Date 5-65 | Date | X-Sec. No.
Survey by D.L.B. | Notes Burkholder | Notes Chkd. | Checked
Indexed E. J. GALLI | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Colima	℄ Rd.	Rt. & E.
21+10.5				1960.0		40° Gut. in	
				1967.0		40° Top cb.	
				1967		50° P/L.	
				1968.0	11° Prmt.		
				1965.5	22° Edge Prmt.		
				1970	24° Top berm.		
				1933.6	31° Bot. drain		
				1950	36° Top brk.		
				1957	50° P/L.		
21+43°				1977.6		℄ Prmt.	
				1937.0	33³ F.L. 36" Corr. Metal Pipe		
21+61°				1983.6		℄ Prmt.	
				1940.0	46° F.L. 36" Corr. Metal Pipe		
21+83.62N. = 1+00E		Int Colima Rd. ℄ Lambert Rd.	T.P.	1992.0		℄ Prmt.	
Going E on Lambert Rd.					Lt. & No. Lambert	↑ Rd.	Rt. & So.
21+83.62N. = 1+00E.				1992.0		↑ Prmt.	
1+40				1987.2		↑ Prmt.	
1+82.5				1976.3		↑ Prmt.	
				1973.4		15° Prmt.	

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & No. Lambert	℄ Rd. Rt. & So.
1+82.5				19689		28° Gut. out
				19674		30° Gut in
				19736		30° Tp cb.
				1973		40° P/L
				19750	15° Pvmt.	
				19783	30° Edge Pvmt.	
				1984	31° P/L.	
	Going No. on Colima Rd.				Lt. & W. Colima	℄ Rd. Rt. & E.
21+83.62=1+00 E.				19920		℄ Pvmt.
22+00				19971		℄ Pvmt.
22+06.5						15.5 S.M.H.
		N.	Rim	19978	Rim 199.82	199.82
		S.	Rim	19985	Meas. 12.04	12.15
					Top Pipe 187.78	187.67
					Diam 83	83
					Inv. N. Inlet 186.95	Inv. S. outlet 186.84
22+53.4				20103		℄ Top So. Rail
22+58.6				20104		℄ Top No. Rail
23 +00				201 53		℄ Pvmt.

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 129
X-Sec. No. ___ Date ___ Date ___ Survey of N. Santa Fe Springs Line "D"
Notes Chkd. ___ Checked ___ Survey by Burkholder Notes Lub.B. Date 5-65
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

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F.B. 3304 Pg. 130 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile No.
Survey of N. Santa Fe Springs Line "D" Date 5-65 Date X-Sec. No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed C.J. Gill Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Colima			Rd. Rt. & E.	
23+00				201.40				20° PVmt	
				201.28				40° Edge Pvmt	
				201.02				50° P/L	
				201.50	11° Pvmt				
				201.34	22° Edge Pvmt				
				201.45	35 Top brk				
				199.2	45 bot brk				
23+79±								155 SMH 50	
					W. inlet	N. inlet		E. inlet	S. outlet
		N.	Rim	202.12	Rim	202.12	202.12	202.12	202.12
		S.	Rim	202.12	Meas	12.53	12.68	12.30	12.60
					Top Pipe	189.59	189.44	189.82	189.52
					Diam	.67	.83	.83	.83
						188.92	188.61	188.99	188.69
23+79±								219± S.M.H.	
		E.	Rim	202.60	Rim	202.60			
		W.	Rim	202.60	Meas	10.50			
					Top Pipe	192.10			
					Diam	0.83			
					Inv. W. outlet = 191.27				

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Colima	& Rd. Rt. & E.
23+85.5				20222		& Pvmt.
				20187		20° Pvmt.
				20188		38° Gut. out.
				20179		40° F.L. Conc Gut.
				20192		50° Edge Conc. @ Approx & Paved Alley
				20195		100° Approx & Paved Alley
23+94.6				20230		& Pvmt.
				20195	20° Pvmt.	
				20163	36° Gut. out.	
				20120	40° Gut in.	
				20218	40° Tp. Cb.	
				19776	40° F.L. Bot. Catch Basin @	to outlet.
				20237	50° P/L Back Walk.	
24+10°					21° S.M.H. J.C.	
		N. Rim		20214	Rim 20213	20213
		S. Rim		20212	Meas. 840	861
					Top Pipe 19373	19352
					Diam. 67	67
					Inv. N. Inlet 19306	Inv. E outlet 192.85

Profile Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 131
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 2-63

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F.B. 3304 PG. 132 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile No.
Survey of N. Santa Fe Springs Date 5-65 Date X-Sec. No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed G. J. GALLI Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Colima	℄ Rd. Rt & E.
24+37.3				20269		℄ Pvmt.
				20241		20° Pvmt
				20182		36° Gut. out
				20131		40° Gut in
				20228		40° Tp. cb.
				19905		40° F.L. Bot. C.B. @ outlet So.
				20228		43° Cone.
				2022		50° P/L.
				20225	20° Pvmt.	
				20192	38° Gut. out.	
				20180	40° Gut in	
				20240	40° Tp. Cb.	
				20260	50° P/L. back walk	
25+37.3				~~20404~~		℄ Pvmt.
				20366		20° Pvmt.
				20333		38° Gut. out
				20310		40° Gut. in
				20373		40° Tp. Cb.
				2040		50° P/L.
				20343	20° Pvmt.	
				20265	38° Gut out	

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Colima ℄ Rd. Rt. & E.
25+37.3				20253	38° Gut. in
				20320	40° Tp. Cb.
				20330	50° P/L back walk
26+38.0					21° S.M.H.
		N.	Rim	20532	Rim 205.32
		S.	Rim	20532	Meas. 10.08
					Top Pipe 195.24
					Diam 0.67
					Inv. So. outlet 194.57
27+07.0					15.5 S.M.H.
		N.	Rim	20697	Rim 206.95
		S.	Rim	20693	Meas. 7.03
					Top Pipe 199.92
					Diam. 0.83
					Inv. So. outlet 199.09
B.M. 1-10C				20231	B.M. 1-10C, 1962 Adj. El. = 202.322, F.B. 2858-108 F.B. 3304-75
					Colima Rd. & Lambert Rd. about 220' No. of ℄ Lambert Rd.
					41st W. of ℄ Colima Rd. N.E. Cor. Conc. Culvert # 5.61, A.L.A. Co. Engr
					B.M. Brass Cap Mkd. "B.M. 1-10C R.E. 5869-1961".

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 133
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "D"
Notes Chkd. ____ Checked ____ Survey by Buckholder Notes DLB Date 5.65
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 3304 Pg. 134 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

76-L-288 CE 307 2-63

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

0301.02 Line "B" & "C"

NOTES REF. JOB NO. 6112.11 SURVEY OF N. Santa Fe Springs

DATE SURVEY BY Burkholder

NOTES CHKD. NOTES BY D.L.B. DATE 6-65

DATE INDEXED DATE

F. B. 3304 Pg. 135

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 6112.11						
North Santa Fe Springs						
Bench Levels						
Lines "B" & "C"						
		Burkholder LeGault Bankson Rangel				

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765420 S & E-353 9-55

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JOB NO. 0301.02 6112.11 SURVEY OF N. Santa Fe Springs Line "B & C"
SURVEY BY Burkholder
NOTES BY D.L.B. DATE 6-5-65
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3304 PG. 136

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. (Fd)	234.533					T.B.M. 1962 Adj. Elev. = 234.533, F.B. 2858-75 Whittier Blvd. & Barton Rd. @ S.W. Cor. 65' N.W. of ℄ Barton Rd. & 38' S.W. of ℄ of Whittier Blvd. A. State of Calif. Div. of Highways brass disc. in cb. West end of Catch Basin.
+	4.386		4.390			
Σ	238.919	- 1.057	- 1.061			
-	5.443		5.451			
T.P.	233.476					
+	4.807		4.844			
Σ	238.283	- 0.743	- 0.744			
-	5.550		5.588			
T.P.	232.733					
+	4.994		5.012			
Σ	237.727	- 0.022	- 0.021			
-	5.016		5.033			
BM. 1-12 A (Fd)	232.711					B.M. 1-12A, 1962 Adj. Elev. = 232.711, F.B. 2858-12 Whittier Blvd. & Michigan Ave. in the S.E. Cor. of a Concrete Culvert, 72.7' S.E'ly of the ℄ of Michigan Ave. & 39.2' N.E.'ly of ℄ of Whittier Blvd. A L.A. Co. Engr. B.M. brass Cap Mkd. "B.M. 1-12A, R.E. 5869, 1961.
+	5.184		5.207			
Σ	237.895	- 0.092	- 0.090			
-	5.276		5.297			
T.P.	232.619					
+	0.751		0.771			
Σ	233.370	- 7.470	- 7.468			
-	8.221		8.239			
T.P.	225.149					
+	2.966		2.985			
Σ	228.115	- 6.084	- 6.082			
-	9.050		9.067			
T.P.	219.065					
+	3.032		3.058			
Σ	222.097	- 5.098	- 5.094			
-	8.130		8.152			
T.P.	213.967					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	213.967					T.P. Pg. #136
+	2.701		2.719			
⌅	216.668	- 5.722	-5.724			
-	8.423		8.443			
T.P.	208.245					
+	3.400		3.419			
⌅	211.645	- 4.660	-4.661			
-	8.060		8.080			
T.P.	203.585					
+	3.104		3.128			
⌅	206.689	- 4.839	-4.837			
-	7.943		7.965			
T.P.	198.746					
+	2.959		2.977			
⌅	201.705	- 5.172	-5.174			
-	8.131		8.151			
T.P.	193.574					
+	2.271		2.294			
⌅	195.845	5.724	-5.722			
-	7.995		8.016			
T.P.	187.850					
+	2.978		2.999			
⌅	190.828	- 4.805	-4.807			
-	7.783		7.806			
T.P.	183.045					
+	6.042		6.057			
⌅	189.087	+ 0.671	+0.670			
-	5.371		5.387			
T.P.	183.716					

NOTES RED _____ JOB NO. 61121 SURVEY OF 0301.02 Line "B" & "C" N. Santa Fe Springs
DATE _____ SURVEY BY Burkholder NOTES BY D.L.B. DATE 6-65
NOTES CHKD. _____ DATE _____ INDEXED [redacted] GALE DATE _____

F.B. 334 PG. 137

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NOTES RED. DATE
NOTES CHKD. DATE

Line "B" & "C"
JOB NO. 030.02 / 6112.11 SURVEY OF N. Santa Fe Springs
SURVEY BY Burkholder DATE 6-65
NOTES BY D.L.B. DATE
INDEXED C. J. GALLI DATE

F.B. 3304 PG. 138

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	183.716					T.P. Pg #137
+	6.038		6.051			
⌅	189.754	+ 0.965	+ 0.964			
-	5.073		5.087			
T.P.	184.681					
+	5.900		5.918			
⌅	190.581	+ 0.849	+ 0.851			
-	5.051		5.067			
T.P.	185.530					
+	5.798		5.812			
⌅	191.328	- 0.040	- 0.040			
-	5.838		5.852			
T.P.	185.490					
+	0.473		0.494			
⌅	185.963	- 7.630	- 7.630			
-	8.103		8.124			
T.P.	177.860					
+	4.498		4.515			
⌅	182.358	- 1.408	- 1.411			
-	5.906		5.926			
(Set) B.M. S.D. 1248	176.452			-9	176.443	B.M. S.D. 1248 El. = F.B. 3304-138 Walnut Way & Danbrook Dr. S.W. Cor. A fd. Spk in Ld. in Middle of Cb. Ref.
+	5.261		5.286			
⌅	181.713	- 2.254	- 2.254			
-	7.515		7.540			
T.P.	174.198					
+	3.030		3.060			
⌅	177.228	- 3.586	- 3.586			
-	6.616		6.646			
(Set) B.M. S.D. 1247	170.612				170.603	B.M. S.D. 1247 El. = F.B. 3304-138 Walnut Way & Canning Dr. N.W. Cor. a fd. B.M. Nail in Ld. 3' ± No of No. C.R.

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(set) B.M.S.D.1247	170.612				170.603	B.M. S.D. 1247 Pg # 138
+	1.627		1.648			
⊼	172.239	- 6.150	- 6.152			
−	7.777		7.800			
T.P.	164.462					
+	3.266		3.288			
⊼	167.728	- 4.440	- 4.440			
−	7.706		7.728			
T.P.	160.022					
+	4.290		4.318			
⊼	164.312	- 1.177	- 1.175			
−	5.467		5.493			
(set) B.M.S.D.1246	158.845				158.834	B.M.S.D. 1246 El.= F.B. 3304-139
+	2.951		2.975			Walnut Way, 650± So. of Lanning Dr. E. Side
⊼	161.796	- 3.989	- 3.991			Bt. Spk in Ld. in cb. @ Hse # 9402
−	6.940		6.966			
T.P.	154.856			-13		
+	4.317		4.332			
⊼	159.173	- 1.844	- 1.845			
−	6.161		6.177			
(set) B.M.S.D.1245	153.012				152.999	B.M. S.D. 1245 El.= F.B. 3304-139
+	4.059		4.078			Walnut Way & Barkerville Ave, E. Side of
⊼	157.071	- 1.561	- 1.563			Walnut Way, 15'± No. of ℄ Prod of Barkerville
−	5.620		5.641			Ave. a Bt. Spk in Ld. in cb @ Hse # 9452
	151.451					
(set) B.M.S.D. 1244					151.436	B.M. S.D. 1244 El.= F.B. 3304-139
						Walnut Way & Hawes St. S.E. Cor. Bt. Spk
						In Ld. 5'± So. of So. Cb. Ret.

NOTES RED ____ JOB NO. 6112.11 SURVEY OF N. Santa Fe Springs Line "B & C"
DATE ____ SURVEY BY Burkholder DATE 6-65
NOTES CHKD. ____ NOTES BY D.L.B. DATE ____
DATE ____ INDEXED J. GALLI DATE ____

F.B. 3304 Pg. 139

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Set) B.M.S.D.1244	151.451				151.436	B.M.S.D. 1244 Pg# 139
+	4.291		4.318			
⊼	155.742	- 1.533	- 1.535			
−	5.824		5.853			
TP	149.918					
+	6.062		6.088			
⊼	155.980	- 0.036	- 0.037			
−	6.098		6.125			
(Set) B.M.S.D.1243	149.882				149.865	B.M.S.D. 1243 El.= F.B. 3304-140
+	6.545		6.571			Mulberry Dr. & Walnut Way, S.W. Cor.
⊼	156.427	+ 1.733	+ 1.736			1'± W. of W. Cb. Ret. a fd. Pk. Nail in Ld.
−	4.812		4.835			
(Set) B.M.S.D.1242	151.615				151.598	B.M.S.D. 1242 El.= F.B. 3304-140
+	4.788		4.807			Mulberry Dr. So. Side, 250'± West of
⊼	156.403	- 1.296	- 1.297			Walnut Way, a fd. Spk. in Ld. in cb. @ West.
−	6.084		6.104			Side of Flood Control Channell
T.P.	150.319					
+	4.948		4.971			
⊼	155.267	- 0.955	- 0.956			
−	5.903		5.927			
T.P.	149.364					
+	5.184		5.211			
⊼	154.548	- 0.629	- 0.631			
−	5.813		5.842			
T.P.	148.735					
+	5.020		5.047			
⊼	153.755	- 0.670	- 0.670			
−	5.690		5.717			
T.P.	148.065					

JOB NO. 6112.11 SURVEY OF N. Santa Fe Springs Line "B" & "C"
SURVEY BY Burkholder
NOTES BY D.L.B. DATE 6 #65
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3304 PG. 140

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	148.065					T.P. Pg# 140
+	5.291		5.327			
⊼	153.356	- 2.561	- 2.564			
-	7.852		7.891			
(Set) B.M.S.D. 1241	145.504				145.482	B.M.S.D. 1241 El.= F.B. 3304-141
+	3.745		3.774			Mulberry Ave & Greening Ave. S.W. Cor. of
⊼	149.249	- 2.556	- 2.557			Service Rd. Bt. Spk in Ld. 12'± So. of So. Cb. Ret.
-	6.301		6.331			
(Set) B.M.S.D. 1240	142.948				142.926	B.M.S.D. 1240 El.= F.B. 3304-141
+	4.442		4.407			Greening Ave & Badminton Ave. S.W. Cor.
⊼	147.390	- 0.826	- 0.830			Bt. Spk in Ld. 5'± So. of So. Cb. Ret.
-	5.268		5.237			
T.P.	142.122			-26		
+	5.431		5.455			
⊼	147.553	- 0.150	- 0.148			
-	5.581		5.603			
(Set) B.M.S.D. 1239	141.972				141.946	B.M.S.D. 1239 El.= F.B. 3304-141
+	4.801		4.832			Greening Ave. W. side 550'± So. of
⊼	146.773	- 0.818	- 0.819	-27		Badminton Ave. Spk in Ld. in Cb. in front
-	5.619		5.651			of Street Light @ Hse# 9509
T.P.	141.154					
+	5.162		5.191			
⊼	146.316	- 0.767	- 0.767			
-	5.929		5.958			
T.P.	140.387					
+	5.272		5.299			
⊼	145.659	+ 0.060	+ 0.057			
-	5.212		5.242			
(Set) B.M.S.D. 1238	140.447				140.420	B.M.S.D. 1238 El.= F.B. 3304-141
						Greening Ave & Mystic St. S.W. cor. Bt. Spk
						in Ld. 5'± So. of So. Cb. Ret.

NOTES RED ____ JOB NO. 6112.11 SURVEY OF N. Santa Fe Springs Line "B & C"
DATE ____ SURVEY BY Burkholder
NOTES CHKD. ____ NOTES BY D.L.B. DATE 6-65
DATE ____ INDEXED J. GALLI DATE ____

0301.02

F.B. 3304 Pg. 141

765420 S & E-353 9-55

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JOB NO. 0301.02 6112.111 SURVEY OF N. Santa Fe Springs
SURVEY BY Burkholder
NOTES BY D.L.B. DATE 6-4-65
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Set) B.M.S.D.1238	140.447					B.M.S.D. 1238 pg # 141
+	4.823		4.844			
⌅	145.270	- 0.634	- 0.633			
-	5.457		5.477			
(Set) B.M.S.D.1237	139.813				139.786	B.M.S.D. 1237 El.= F.B. 3304-142
+	4.904		4.924			Greening Ave & Anola St. S.W. Cor. Bt Spk
⌅	144.717	- 0.706	- 0.708			In Ld. 5' ± So. of So. cb. Ret.
-	5.610		5.632			
T.P.	139.107					
+	5.167		5.213			
⌅	144.274	+ 0.220	+ 0.218			
-	4.947		4.995			
(Set) B.M.S.D.1236	139.327				139.298	B.M.S.D. 1236 El.= F.B. 3304-142
+	5.047		5.077			Greening Ave & Acapulco Dr. S.E. Cor.
⌅	144.374	- 0.905	- 0.904			Bt. Spk in Ld. 5' So. of So. Cb. Ret.
-	5.952		5.981			
T.P.	138.422					
+	5.692		5.708			
⌅	144.114	+ 0.511	+ 0.510			
-	5.181		5.198			
(Set) B.M.S.D.1235	138.933				138.904	B.M.S.D. 1235 El.= F.B. 3304-142
+	3.678		3.722			Greening Ave & Maryknoll Ave. N.W. Cor.
⌅	142.611	- 1.175	- 1.176			Bt. Spk in cb. 5' W. of W. cb. Ret.
-	4.853		4.898			
(Set) B.M.S.D. ~~1234~~ 1249	137.758				137.728	B.M.S.D. ~~1234~~ 1249 El.= F.B. 3304-142
+	4.203		4.102			Maryknoll Ave & Reis St. (So. Side Reis St.)
⌅	141.961	- 0.124	- 0.125			Bt. Spk 1.5' E. of W. end Catch Basin
-	4.327		4.227			
T.P.	137.634					

F.B. 3304 PG. 142

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	137.634 ✓					T.P. Pg 142
+	4.971		4.882			
⊼	142.605 ✓	- 0.075	- 0.075			
-	5.046		4.957			
T.P.	137.559 ✓					
+	5.683		5.708			
⊼	143.242 ✓	+ 1.107	+ 1.111			
-	4.576		4.597			
T.P.	138.666 ✓					
+	4.167		4.017			
⊼	142.833 ✓	- 0.365	- 0.365			
-	4.532		4.382			
T.P.	138.301 ✓					
+	4.590		4.561			
⊼	142.891 ✓	- 1.191	- 1.192			
-	5.781		5.753			
T.P.	137.110 ✓					
+	8.387		8.325			
⊼	145.497 ✓	+ 2.510	+ 2.511			
-	5.877		5.814			
T.P.	139.620 ✓					
+	3.111		3.078			
⊼	142.731 ✓	- 1.505	- 1.503			
-	4.616		4.581			
T.P.	138.115 ✓					
+	5.446		5.376			
⊼	143.561 ✓	+ 0.895	+ 0.894			
-	4.551		4.482			
T.P.	139.010 ✓					

NOTES RED ____ JOB NO. 0301.02 6112.11 SURVEY OF Line "B" & "C" N. Santa Fe Springs
DATE ____ SURVEY BY Burkholder
NOTES CHKD ____ NOTES BY [redacted] DATE 6-63
DATE ____ INDEXED ____ DATE ____

F.B. 3304 Pg. 143

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	139.010					T.P. Pg 143
+	5.018		5.047			
⊼	144.028	+0.696	+0.696			
-	4.322		4351			
T.P.	139.706					
+	4.932		4.971			
⊼	144.638	+0.060	+0.060			
-	4.872		4.911			
T.P.	139.766					
+	5.201		5.233			
⊼	144.967	+0.994	+0.992			
-	4.207		4.241			
T.P.	140.760					
+	6.036		6.070			
⊼	146.796	+4.385	+4.385			
-	1.651		1.685			
T.P.	145.145					
+	7.732		7.804			
⊼	152.877	+5.800	+5.801			
-	1.932		2.003			
T.P.	150.945					
+	8.151		8.197			
⊼	159.096	+5.530	+5.530			
-	2.621		2.667			
T.P.	156.475					

JOB NO. 6112.11 0301.02 SURVEY OF N. Santa Fe Springs Line "B" & "C"
SURVEY BY Buckholder DATE
NOTES BY D.L.B. DATE 6-65
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3304 PG. 144

765420 S & E-353 9-55

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+.035

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	156.475 ✓					T.P. Pg # 144
+	5.841		5.869			
⊼	162.316 ✓	- 0.067	- 0.068			
−	5.908		5.937			
(Fd) B.M. 4-8	156.408 ✓				156.373	B.M. 4-8, 1962 Adj. El = 156.373 F.B. 205-13 (Whittier G-8)(SY-1170) In the Vicinity of Santa Fe Springs @ Int. of Telegraph Rd & Carmenita Rd. 15' E'ly from Approx ℄ of Carmenita Rd. & 12' SW'ly of Approx ℄ of Telegraph Rd. in a well cut through pavement & Protected by Cast Iron Cover Mkd. "Co. Surveyor Mon." A std 4" brass tablet Inscribed "L.A. County Survey Control System Traverse Station Whittier G-8 R.E. 2177 Set by Co. Surveyor 1942" Set in Conc. 2" below the Subgrade of street.

NOTES RED ____ JOB NO. 6112.11 SURVEY OF N. Santa Fe Springs
DATE ____ SURVEY BY Burkholder
NOTES CHKD ____ NOTES BY D.L.B. DATE 6-65
DATE ____ INDEXED C. J. [illegible] DATE ____

0301.02

Line B & C

F. B. 3304 Pg. 145

F. B. 3304 Pg. 146

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

768420 S & E-353 9-55

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Do not extend notes this side of this line

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

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line B
Map No.	JN 611211 Tape Std. °F
Office Work	Surveyed by Burkholder
Checked	Notes D.I.B. Date 6-63
Date	Indexed C. J. GALLI

F. B. 3304 PG. 147

JUL 2 8 '63

J.N. 611211

NORTH SANTA FE SPRINGS

STORM DRAIN

PRELIMINARY SURVEY

LINE "B"

For Location of Improvements Pg# 175-188

For Cross-Sections Pg# 189-232

Index - Pg 22

Burkholder
LeGault
Bankson
RAngel
Merino

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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76F3099 CE #310 6-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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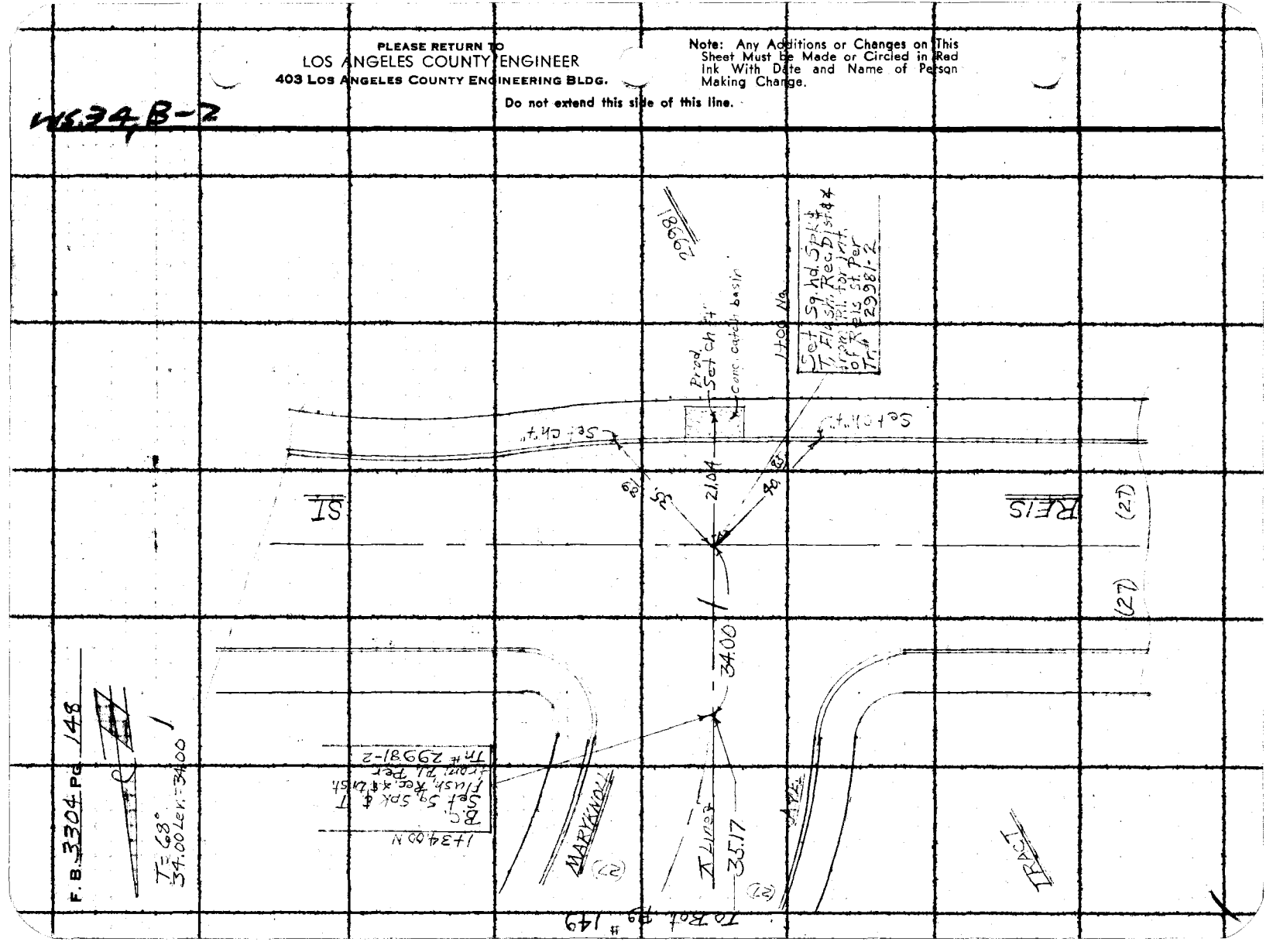
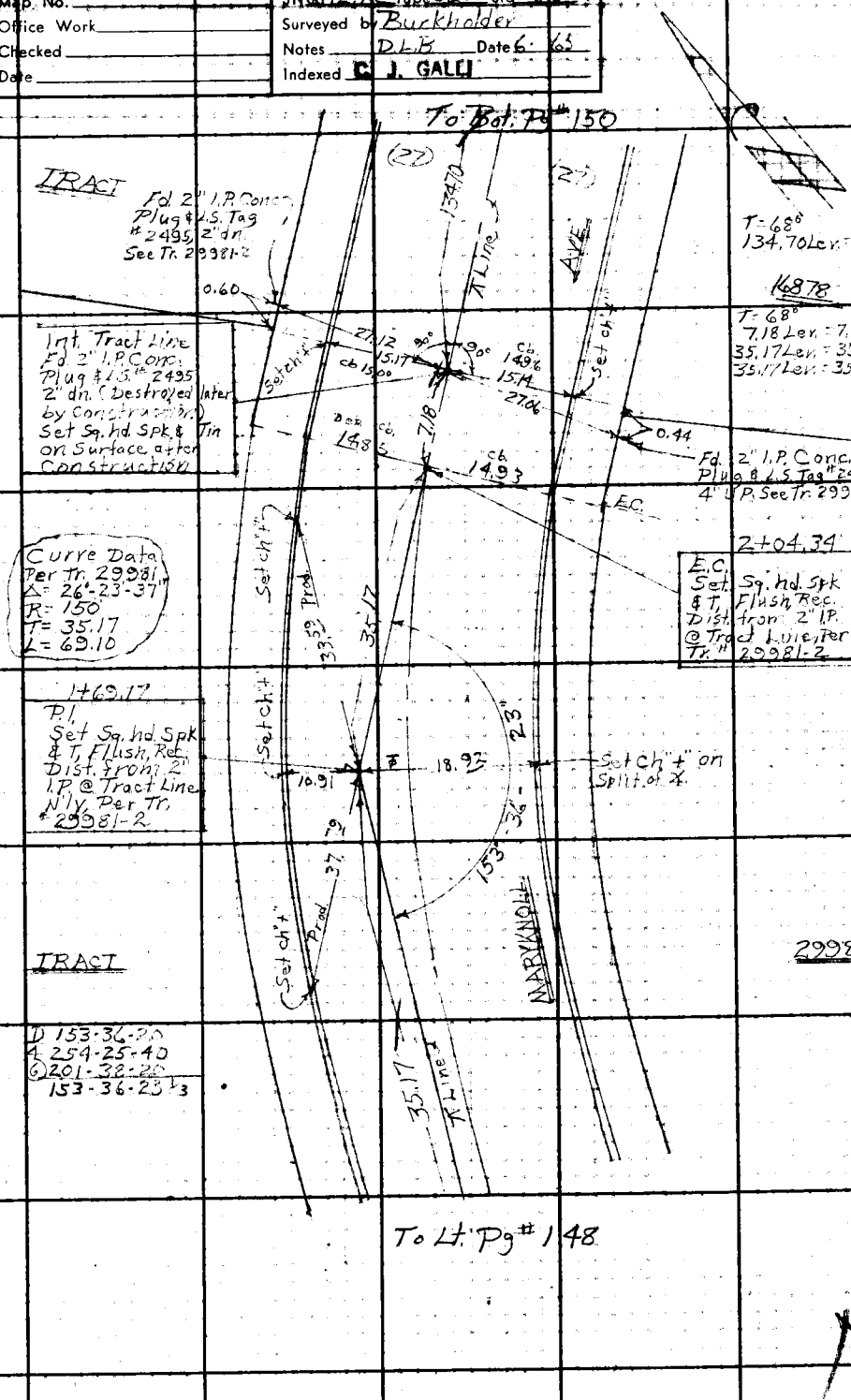
Do not extend this side of this line.

W634, B-2



Notes Ck'd by G. E. BARR	Survey of N Santa Fe Springs Line B
Map. No.	JN 6112.12 Tape 0242 Std 68 °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 6-63
Date	Indexed C. J. GALLI

F. B. 3304 PG. 149



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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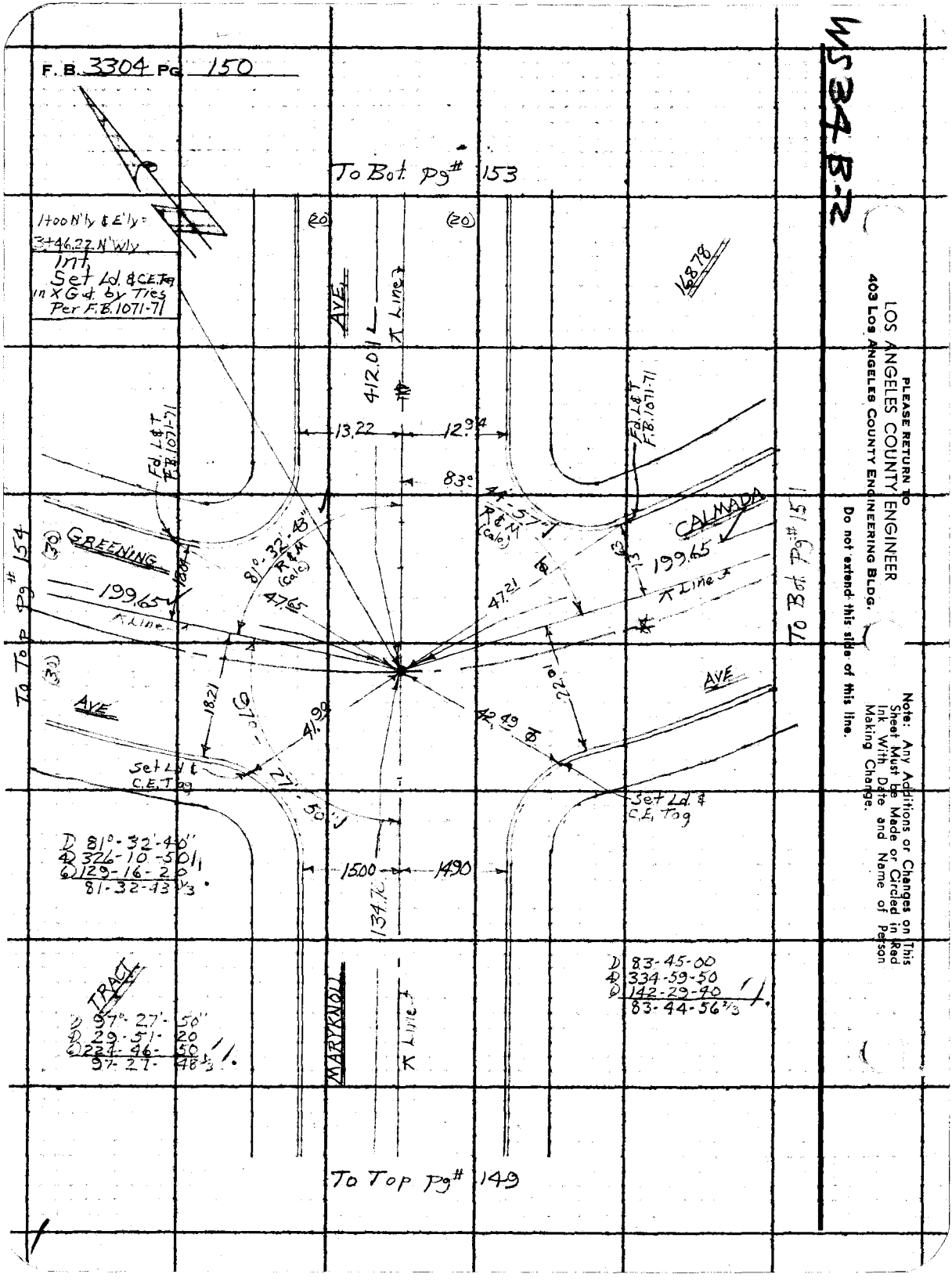
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63



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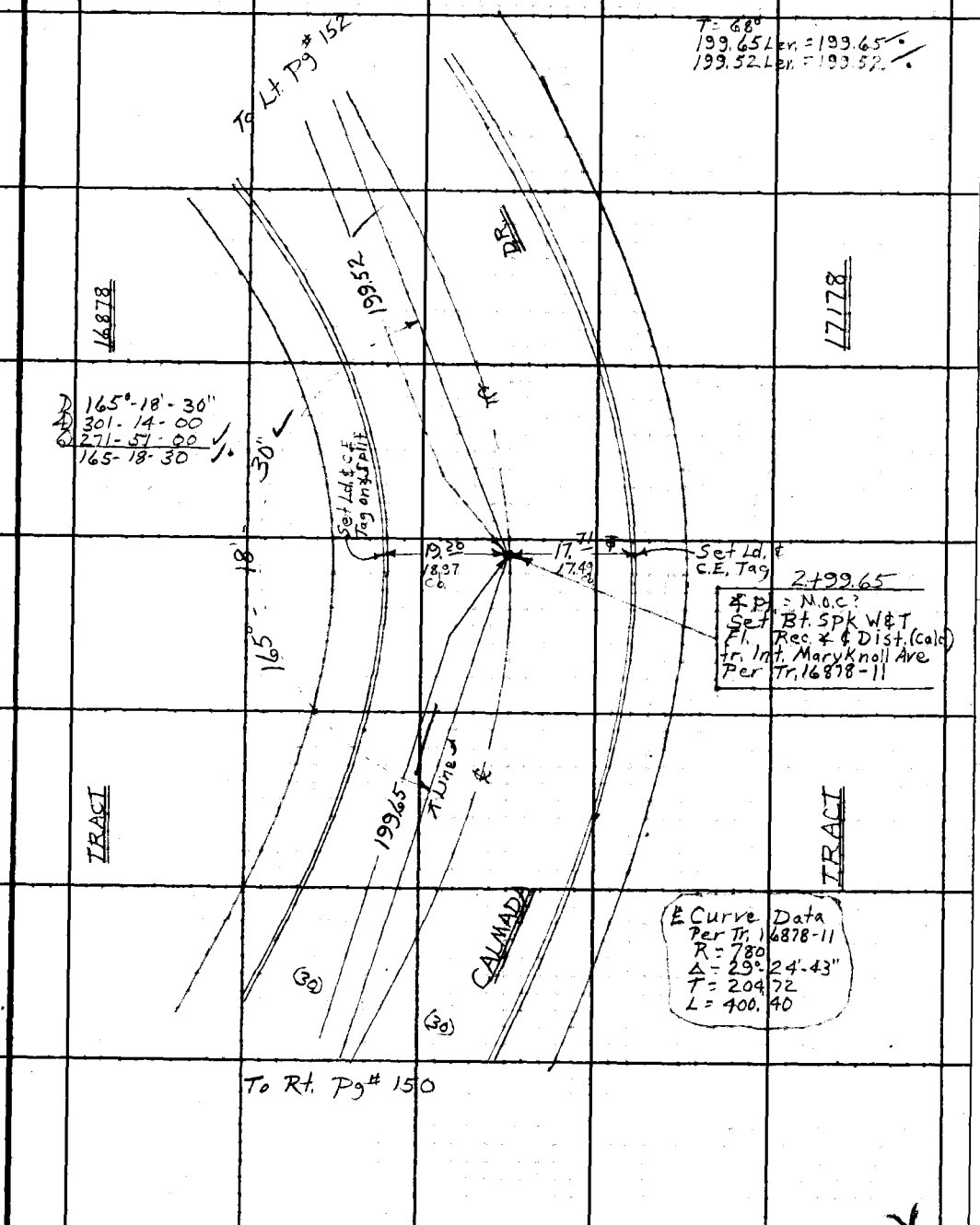
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line "K"
Map No.	JN 6112.11 Tape 02-1 Std 68 °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 6-6-5
Date	Indexed C. J. GALLI

F. B. 3304 PG. 151



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.

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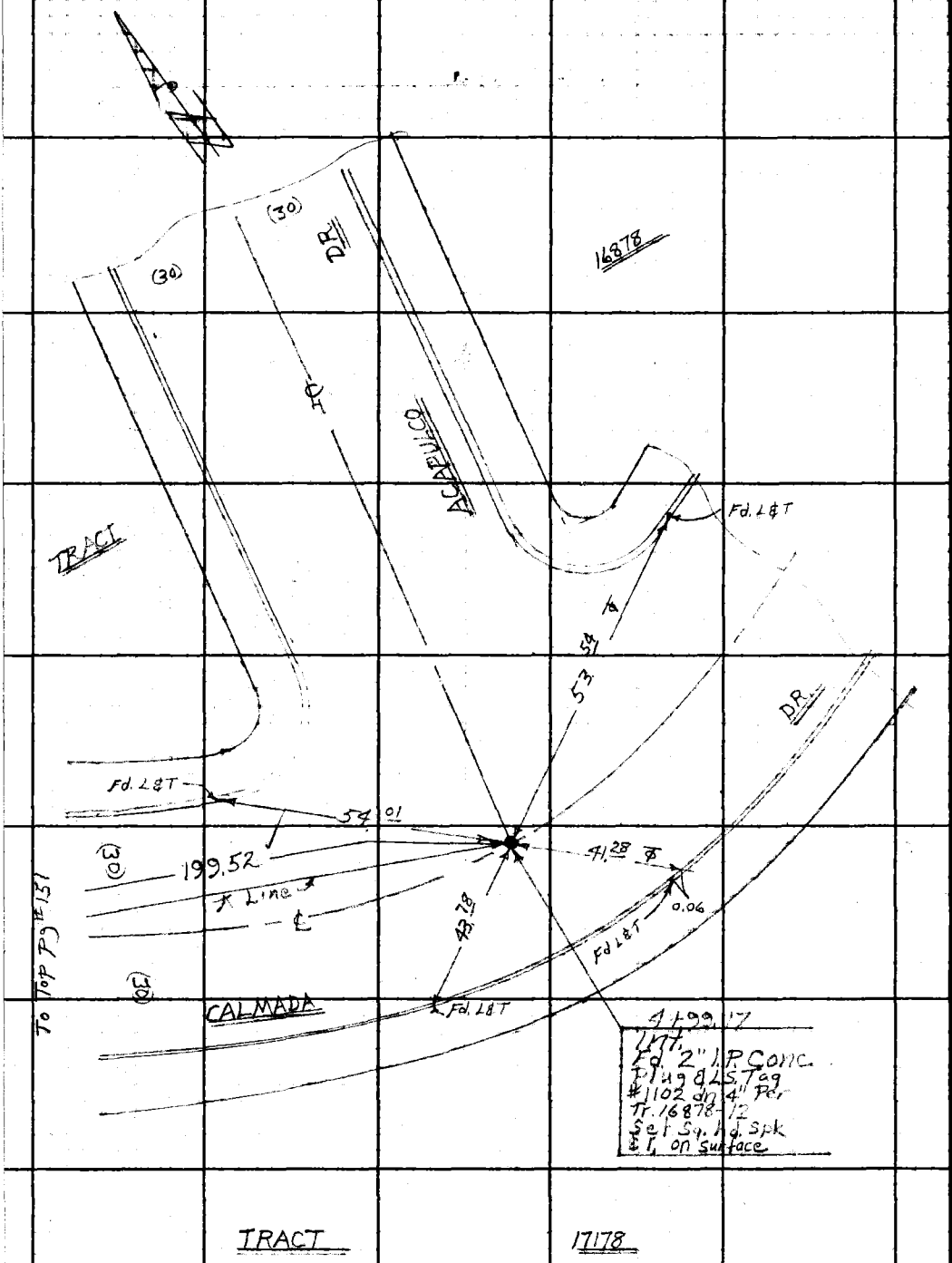
76F309S CE #310 6-63

F. B. 3304 Pg. 152



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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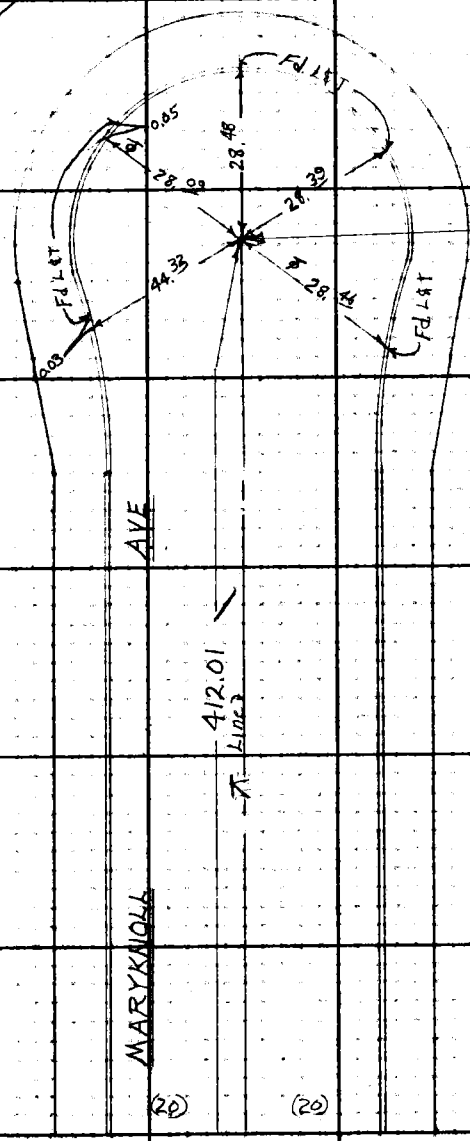
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line #2	F. B. 3304	PG. 153
Map No.	JN	Tape 27 Std 66 °F	
Office Work	Surveyed by Burkhalter		
Checked	Notes D.L.B.	Date 6-66	
Date	Indexed C. J. GALLI		

WS 34 B-2

T=68°
412.01 Lev.=412.01



Fd. 2" I.P. Fl. Conc. plug w/ Nail hole. Per F.B. 1071-71 Tr. 16878

TRACT

16878

To Top Pg# 150

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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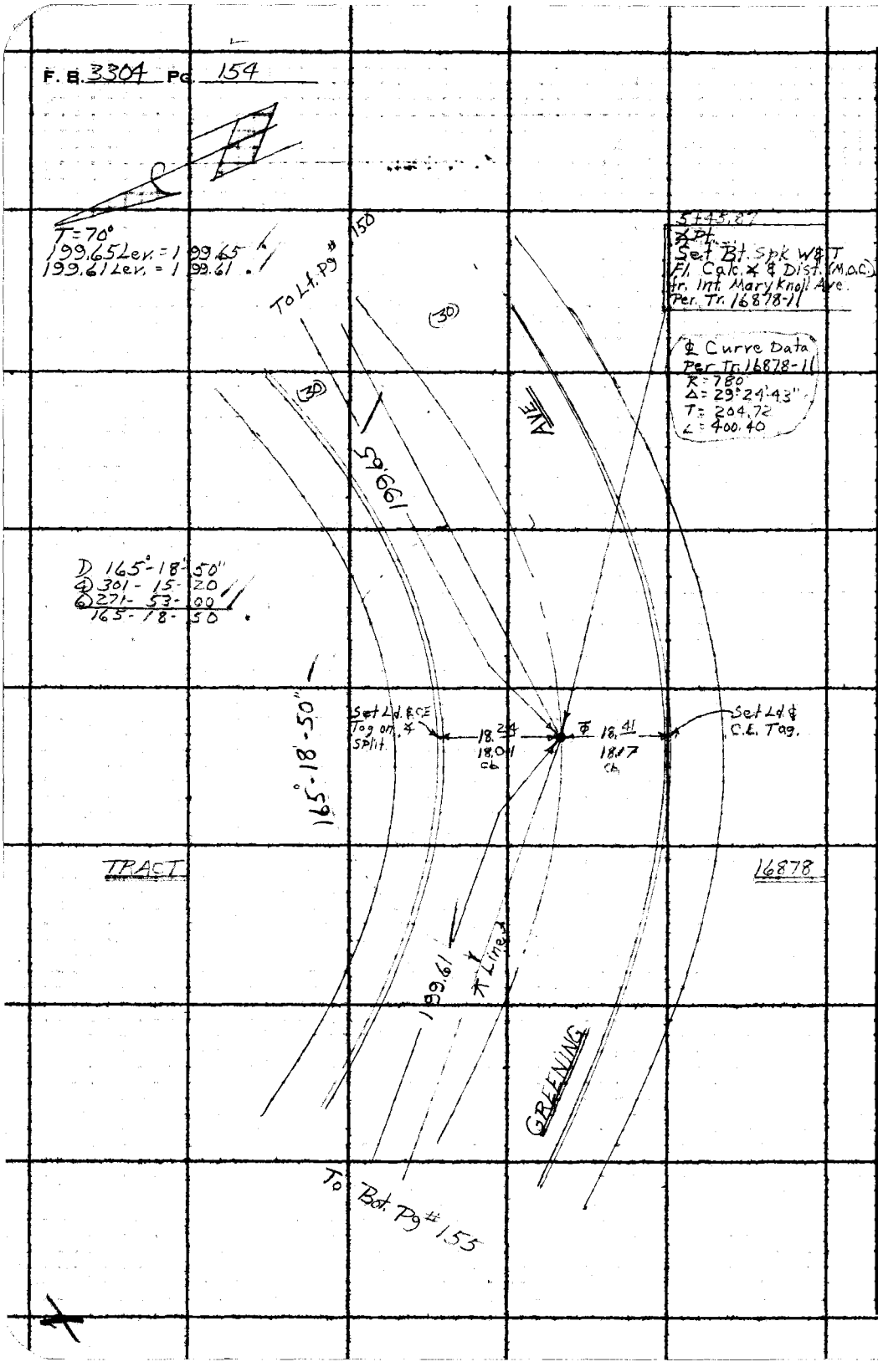
76F309S CE #310 6-63

F. B. 3304 Pg. 154



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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 G. E. BARR	Survey of N. Santa Fe Springs Line B	F. B. 3304 PG. 155
Map No.	JN [illegible] Tape [illegible] Std [illegible] °F	
Office Work	Surveyed by Hurkholder	
Checked	Notes D.L.B. Date 6-65	
Date	Indexed C. J. GALLI	

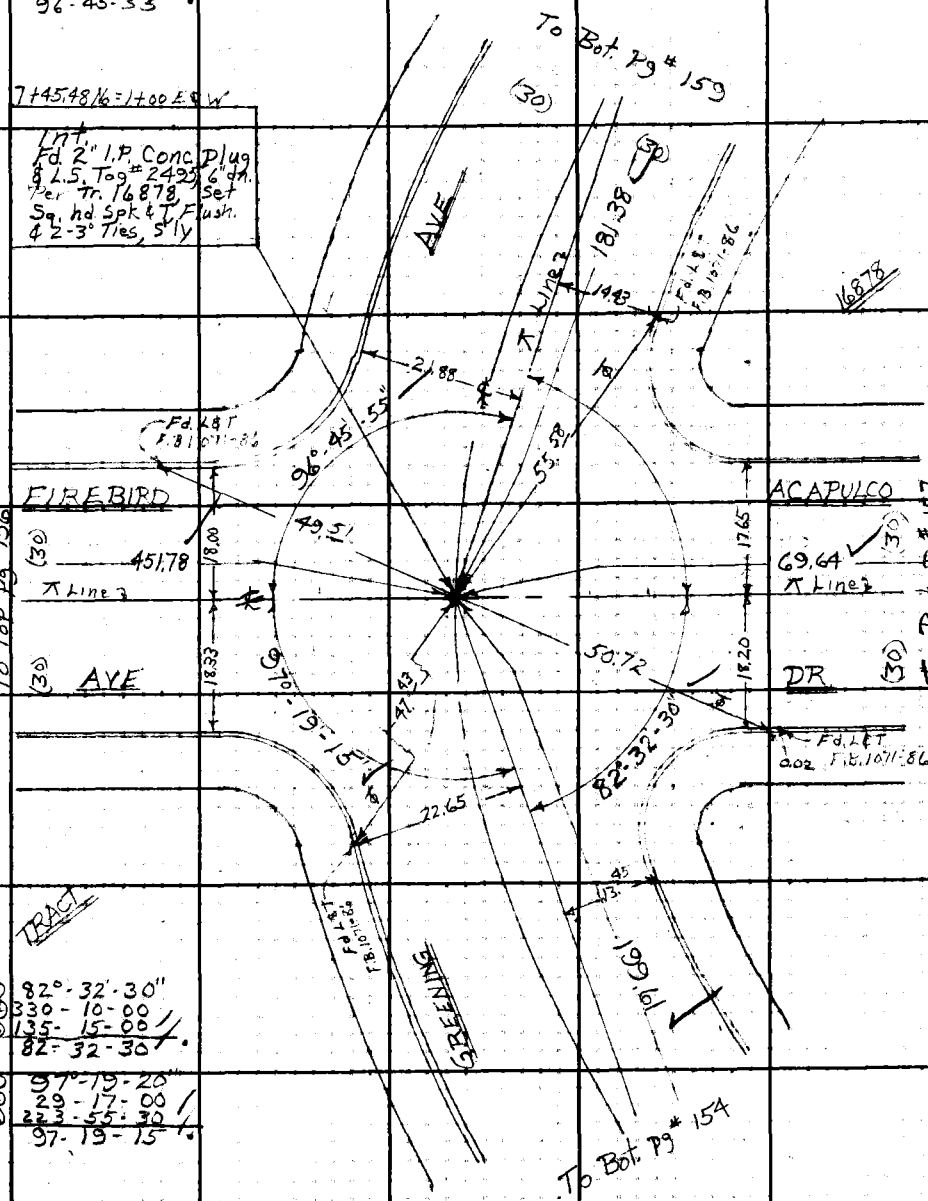
WS 34, B-2

T=76°
181.37 Lei 181.38

D 96°-45-50
4) 27-03-40
6) 220-35-30
96-45-55

7+45.48 N6=1+00 E&W

Int.
Fd. 2" I.P. Conc. Plug
& L.S. Tag # 2495, 6" dn.
Per Tr. 16878, Set
Sq. hd Spk & T. Flush.
& 2-3" Ties, S'ly



D 82°-32'-30"
4) 330-10-00
6) 135-15-00
82-32-30

D 97°-19-20"
4) 29-17-00
6) 223-55-30
97-19-15

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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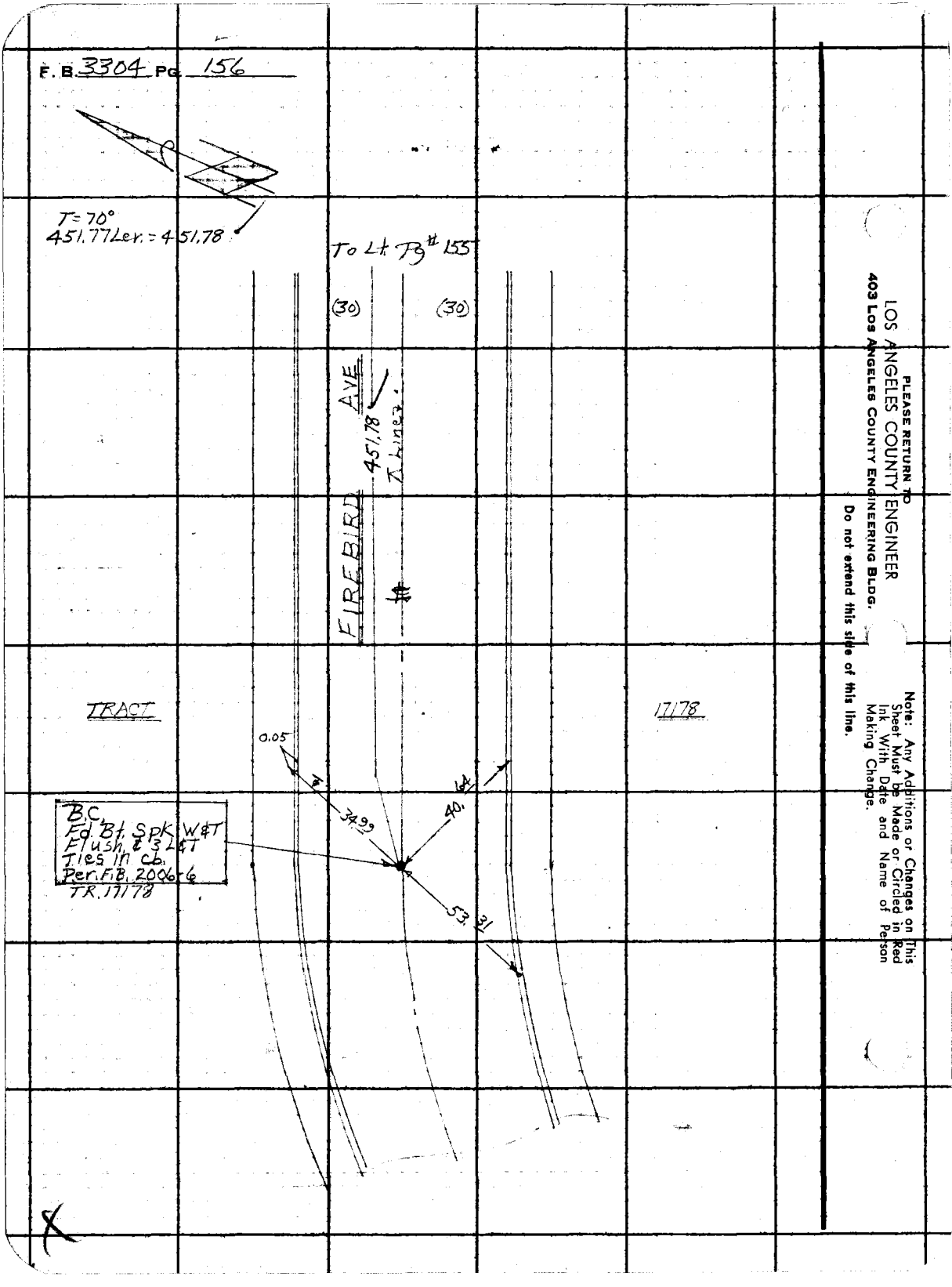
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3304 PG. 156



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403 Los Angeles County Engineering Bldg.

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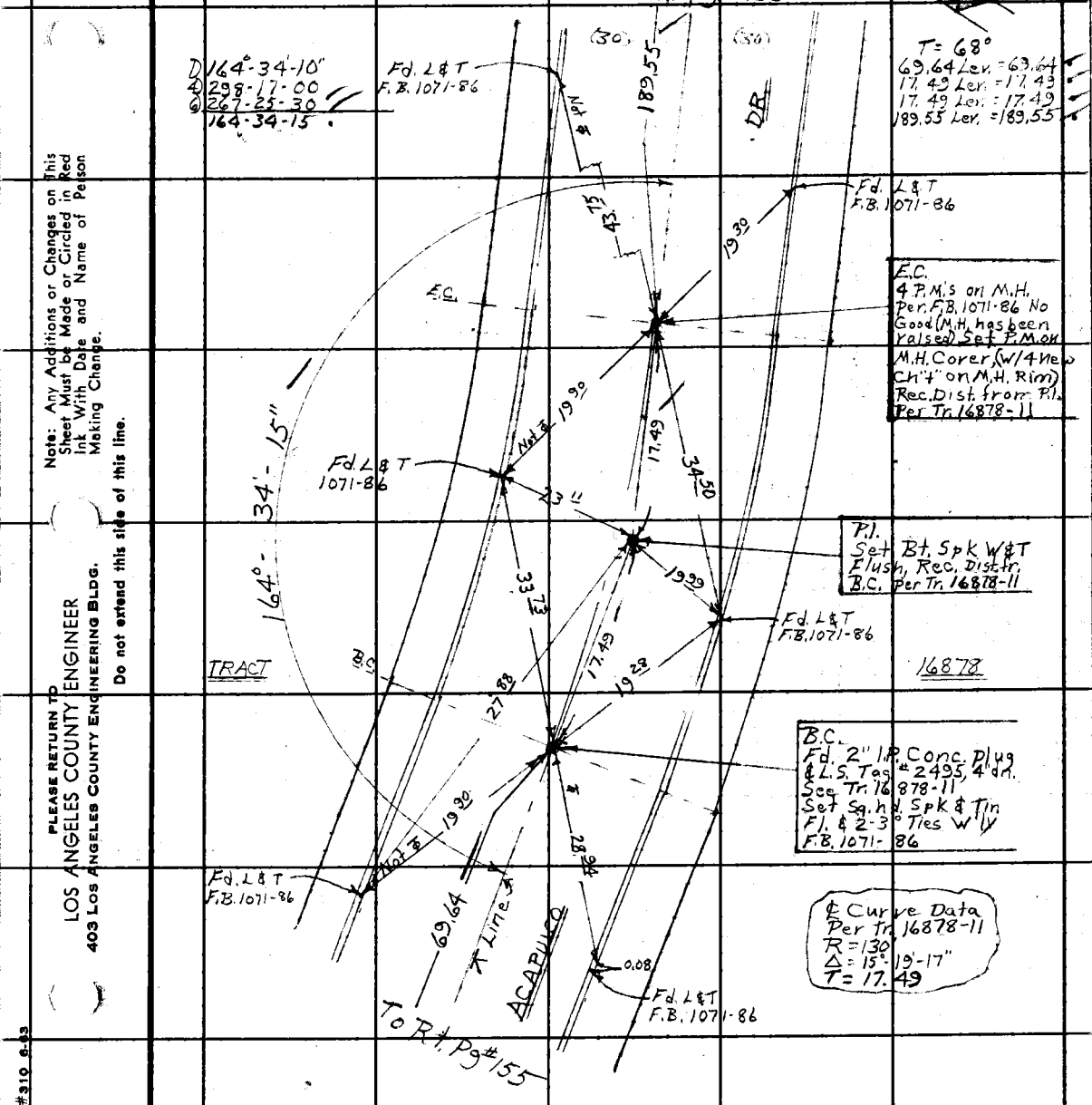
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Ave.	F. B. 3304 PG. 157
Map No.	JN 6117-11 Tape 0242 Std 68 °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.R. Date 6-64	
Date	Indexed G. J. GALLI	



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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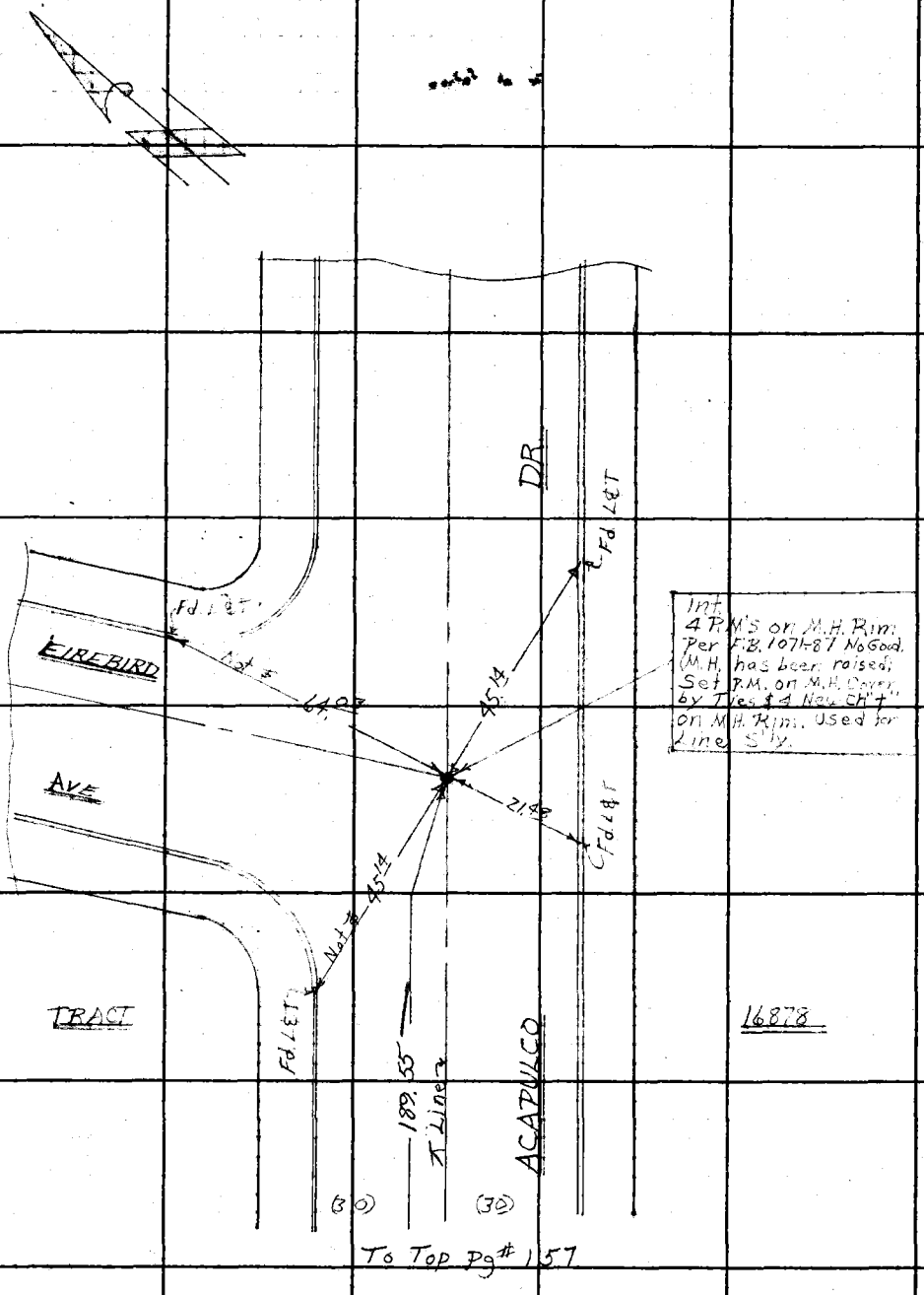
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3304 PG 158



To Top Pg # 157

Ins 34 B-2

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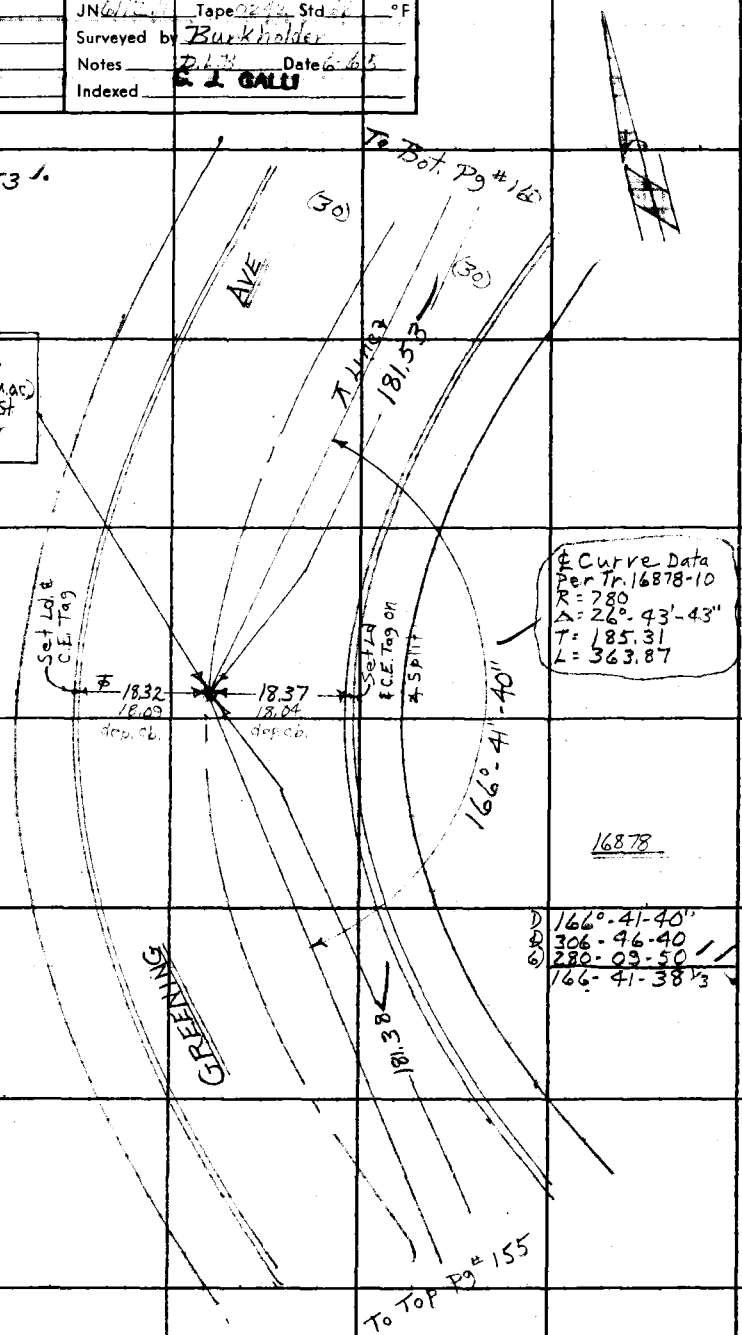
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N Santa Fe Springs Line "B"
Map No.	JN [illegible] Tape [illegible] Std [illegible] °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 6-65
Date	Indexed C. J. GALLI

F. B. 3304 PG. 159



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

PLEASE RETURN TO
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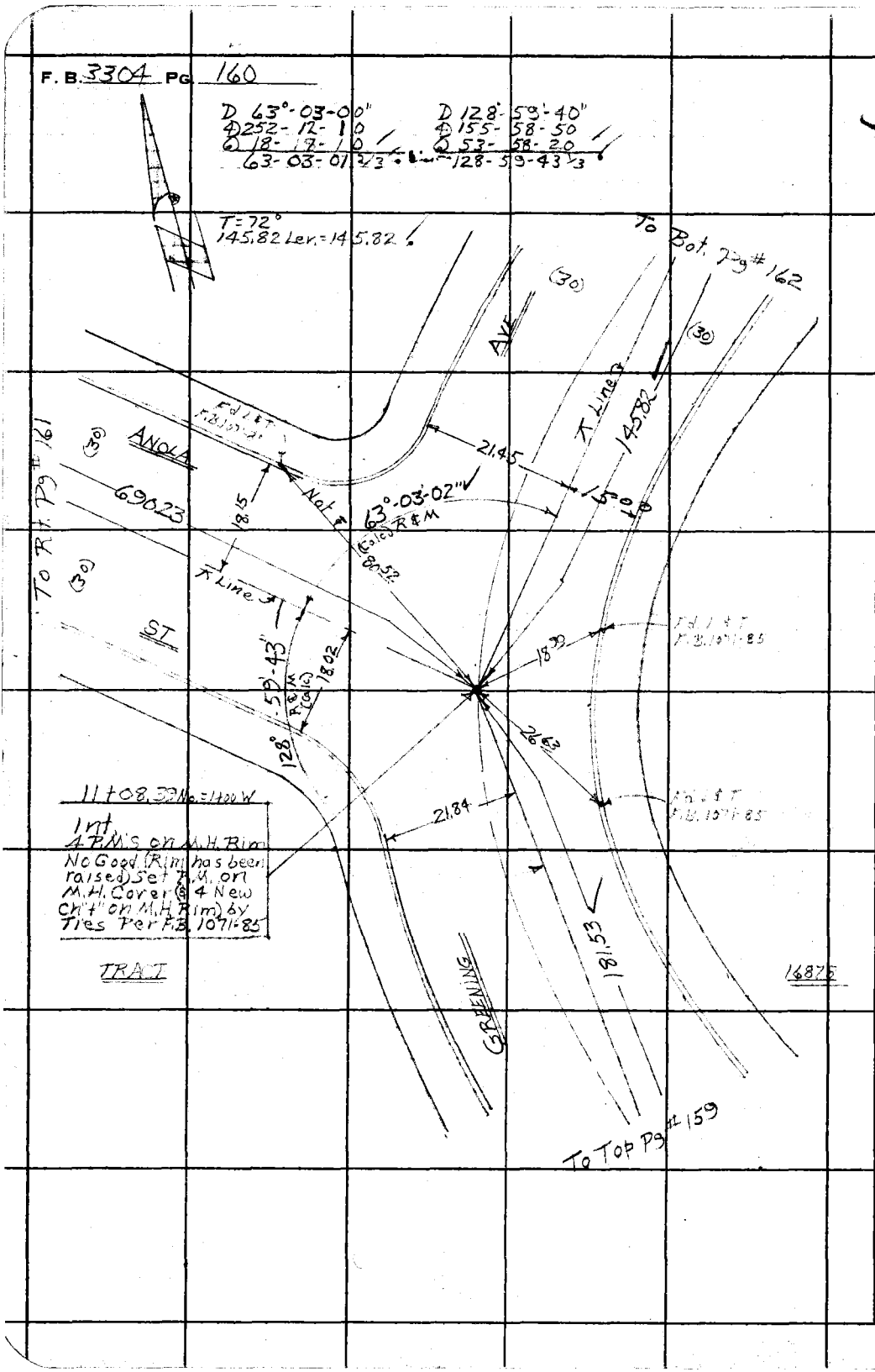
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE #310 6-63

F. B. 3304 PG. 160



MS34A-2

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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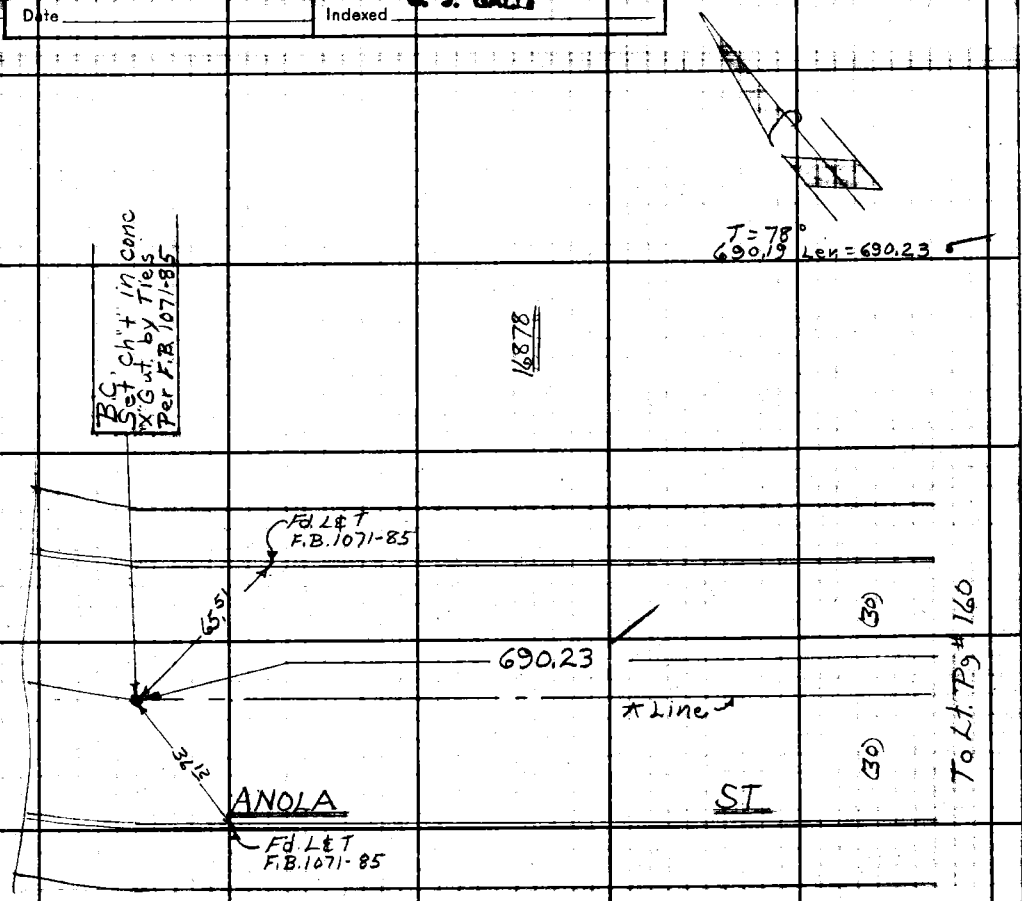
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Charge.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line "B"	F. B. 3304 PG. 161
Map No.	JN 6112.11 Tape 0242 Std 68 °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 6-65	
Date	Indexed G. J. GALLI	



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

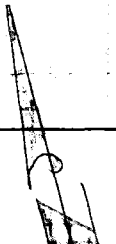
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE #310 6-62

F. B. 5304 PG 142

T=72°
145.71 Lev. = 145.71



To Bot. Pg # 163

12+54.21

℄ Pt.
Set Bt. Spk W/T
Flush, Calc, ℄ &
Dist. for M.O.C. from
Int. Anola St. &
Greening Ave, Per
Tr. 16878-10

AVE

℄ Line 3

145.71

D 169°-05-20"
Φ 316-21-20
Δ 294-32-00
169-05-20

℄ Curve Data
Per Tr. 16878-10
R = 780
Δ = 21°-27'-15"
T = 147.76
L = 292.07

Set Ld & C.E. Tag

17.85
17.63
dep. ch.

18.58
18.35
ch.

Set Ld & C.E. Tag on ℄ Split

169°-05'-20"

TRACT

16878

GREENING

145.82

To Top Pg # 160

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403 Los Angeles County Engineering Bldg.

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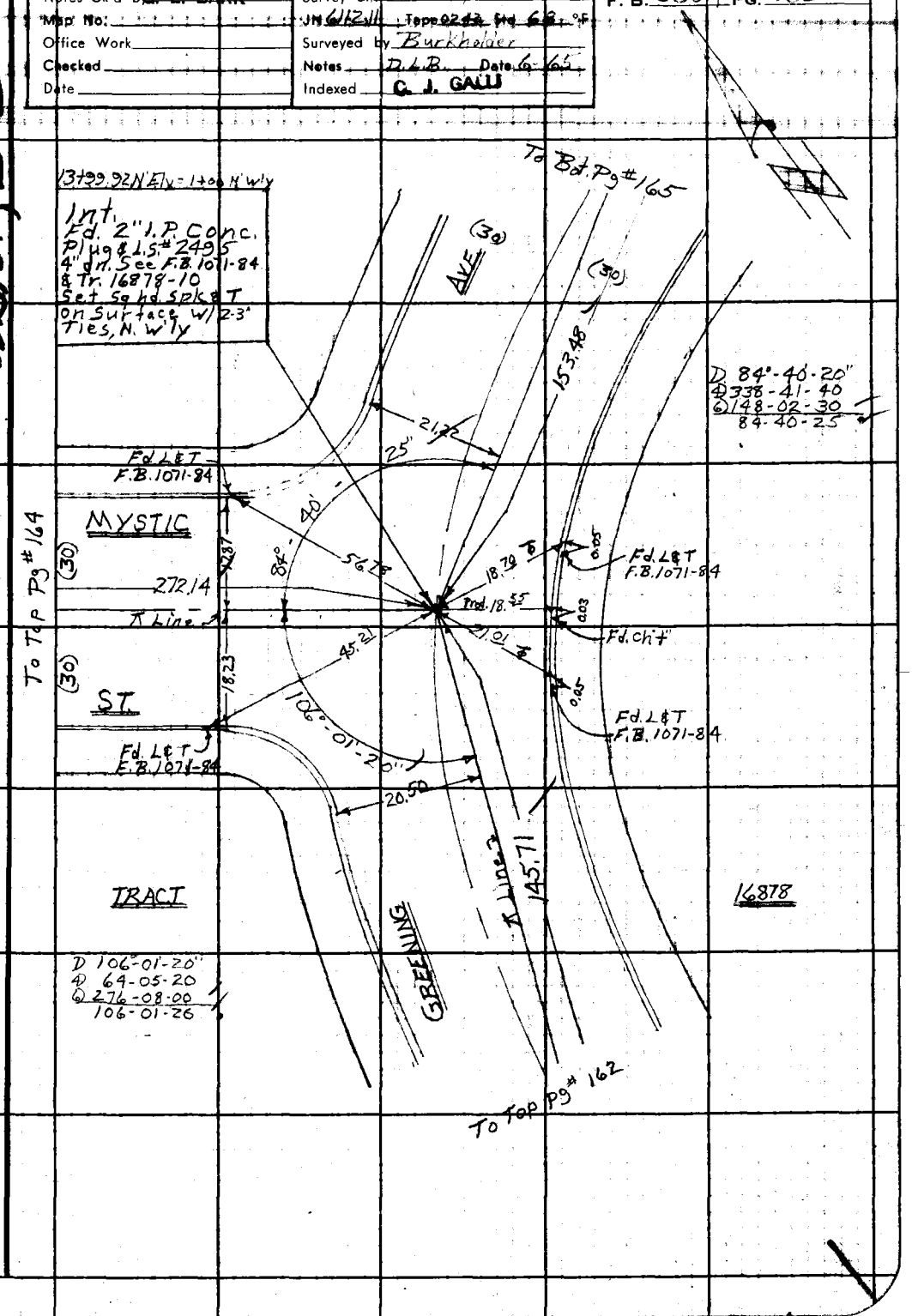
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of Santa Fe Springs Line "B"
Map No:	JN 6112.11 Tape 0243 Std 68 °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 6-65
Date	Indexed C. J. GALLI

F. B. 3304 PG. 163



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

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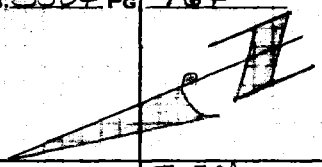
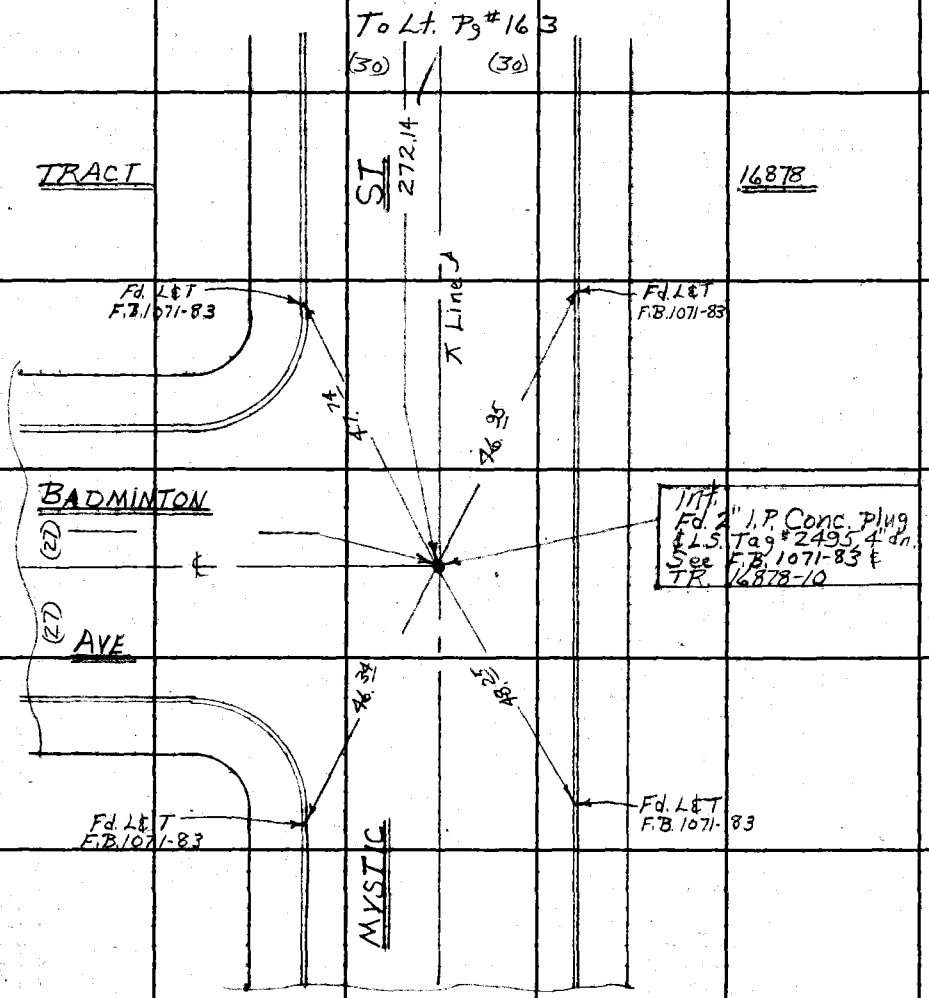
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F.B. 3304 PG 164



T = 70°
272.14 Ler. = 272.14



WS 34, A-2

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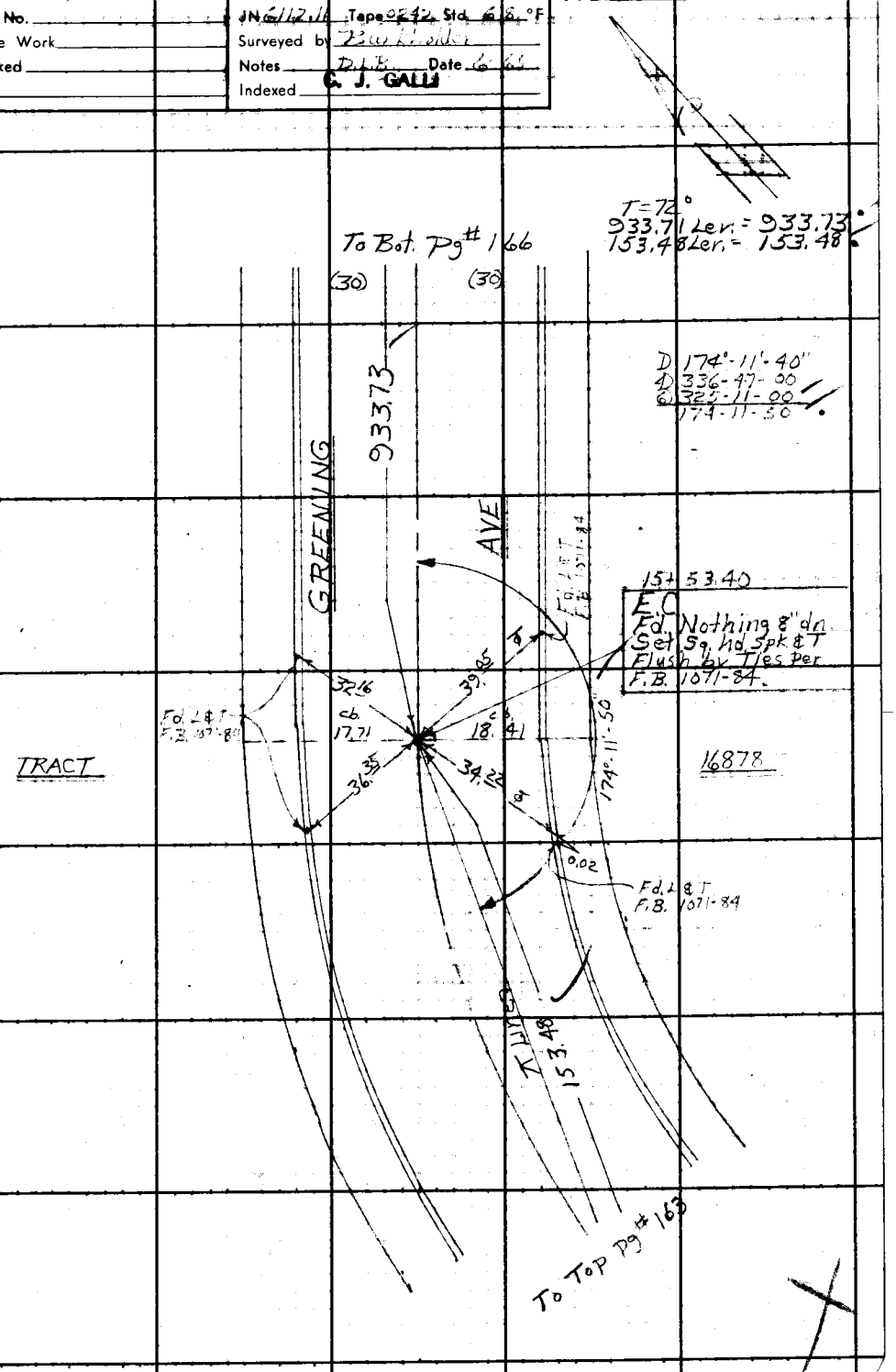
Notes Ck'd by G. E. BARR	Survey of N. Santa Fe [illegible]
Map No.	JN 6112.16 Tape 0242 Std. 68 °F
Office Work	Surveyed by [illegible]
Checked	Notes D.L.B. Date 6-65
Date	Indexed C. J. GALLI

F. B. 3304 PG. 165



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 this side of this line.

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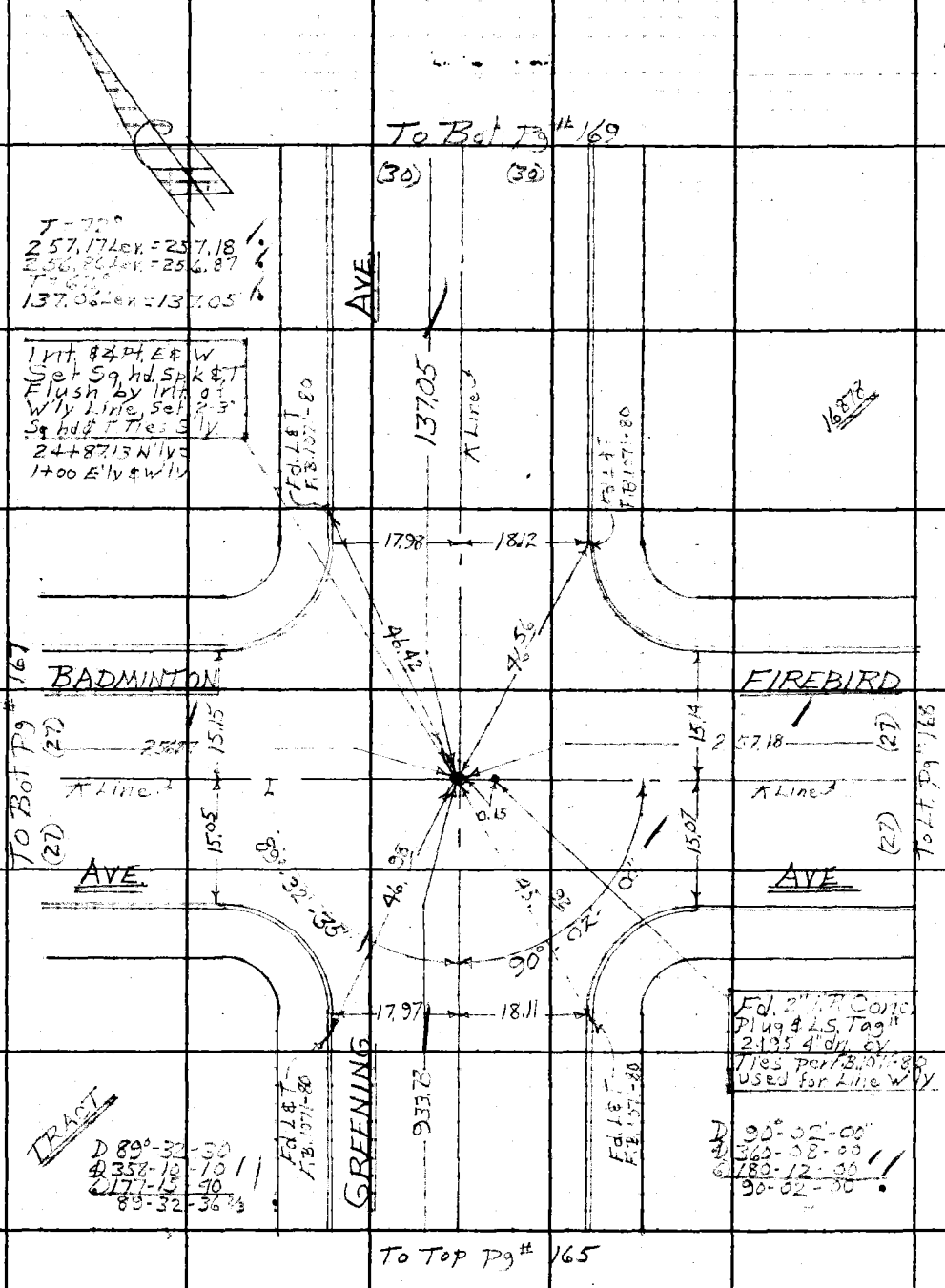
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3304 Pg. 166

WS 34, B-1



PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

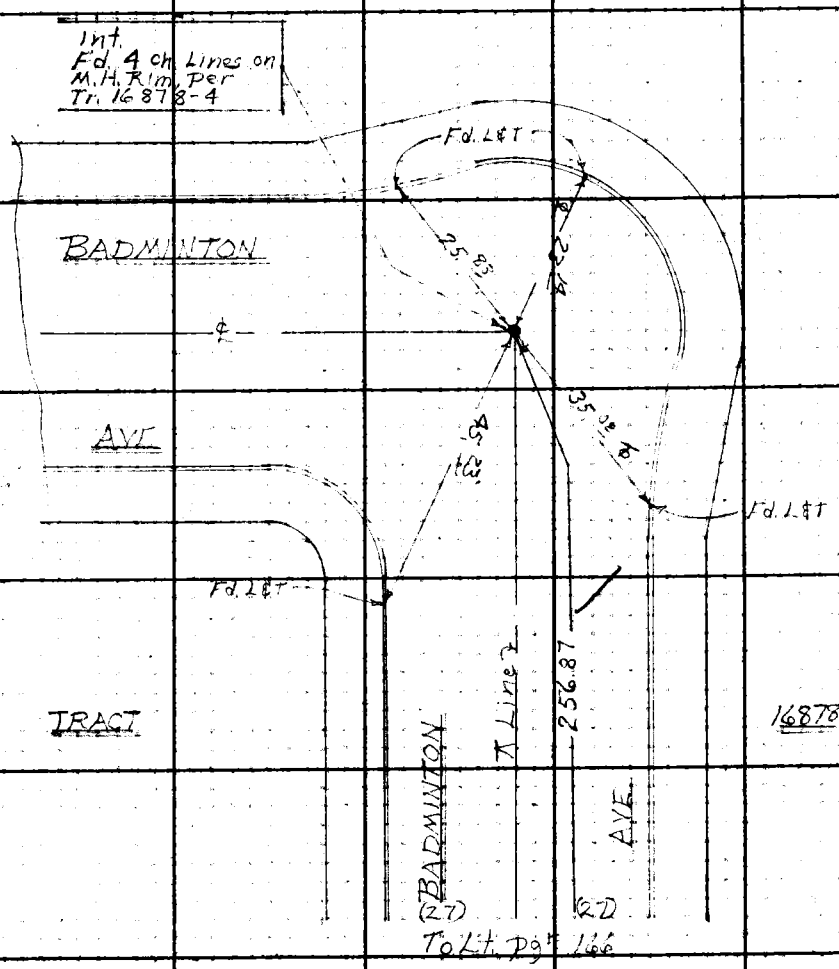
Do not extend this side of this line.

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

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line "B"
Map No.	JN [illegible] Tape [illegible] Std. [illegible] °F
Office Work	Surveyed by Burkholder
Checked	Notes [illegible] Date 6-65
Date	Indexed

F. B. 3304 PG. 167

W.S.34, B-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 this side of this line.

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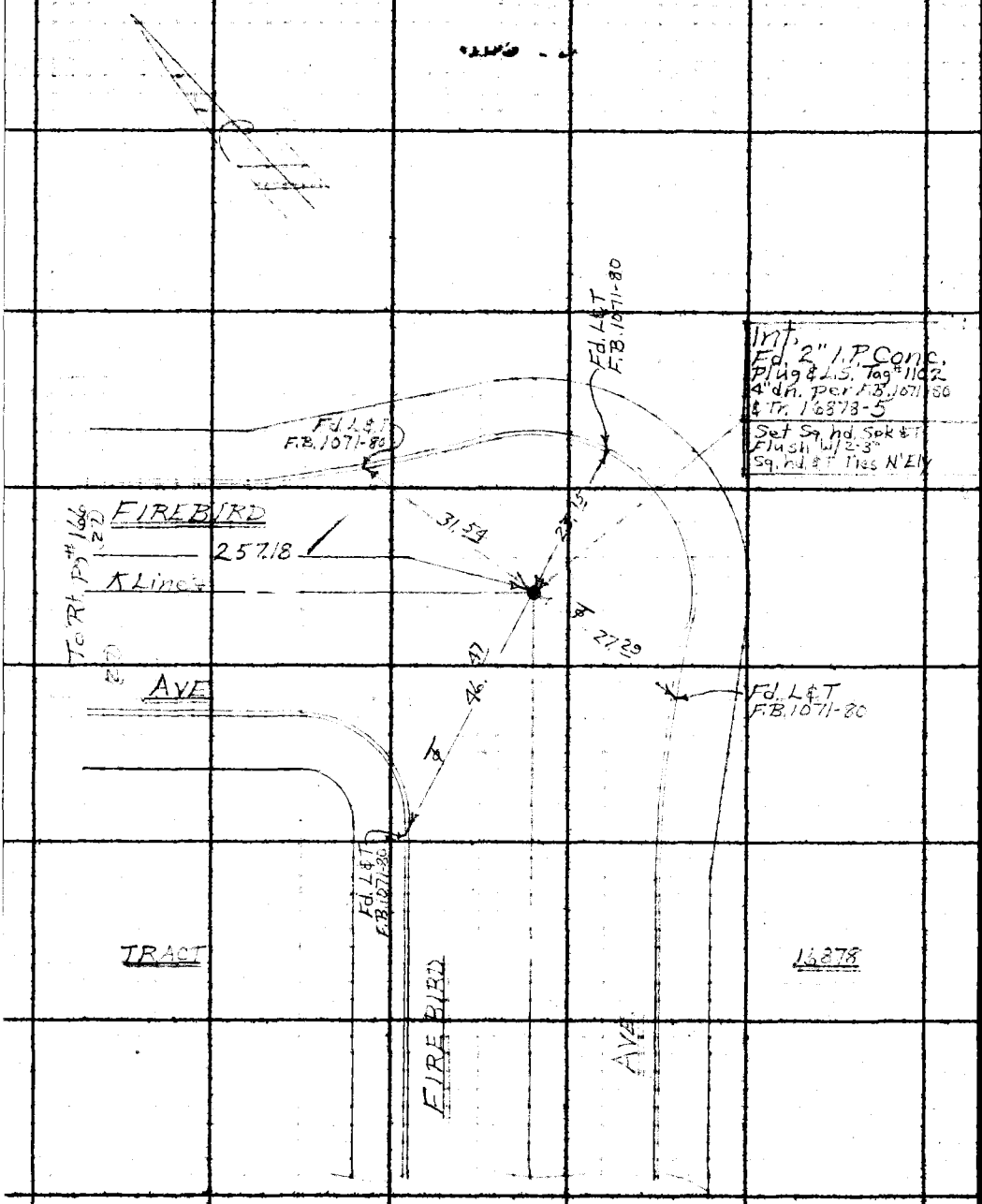
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3304 PG 168

W534, B-1



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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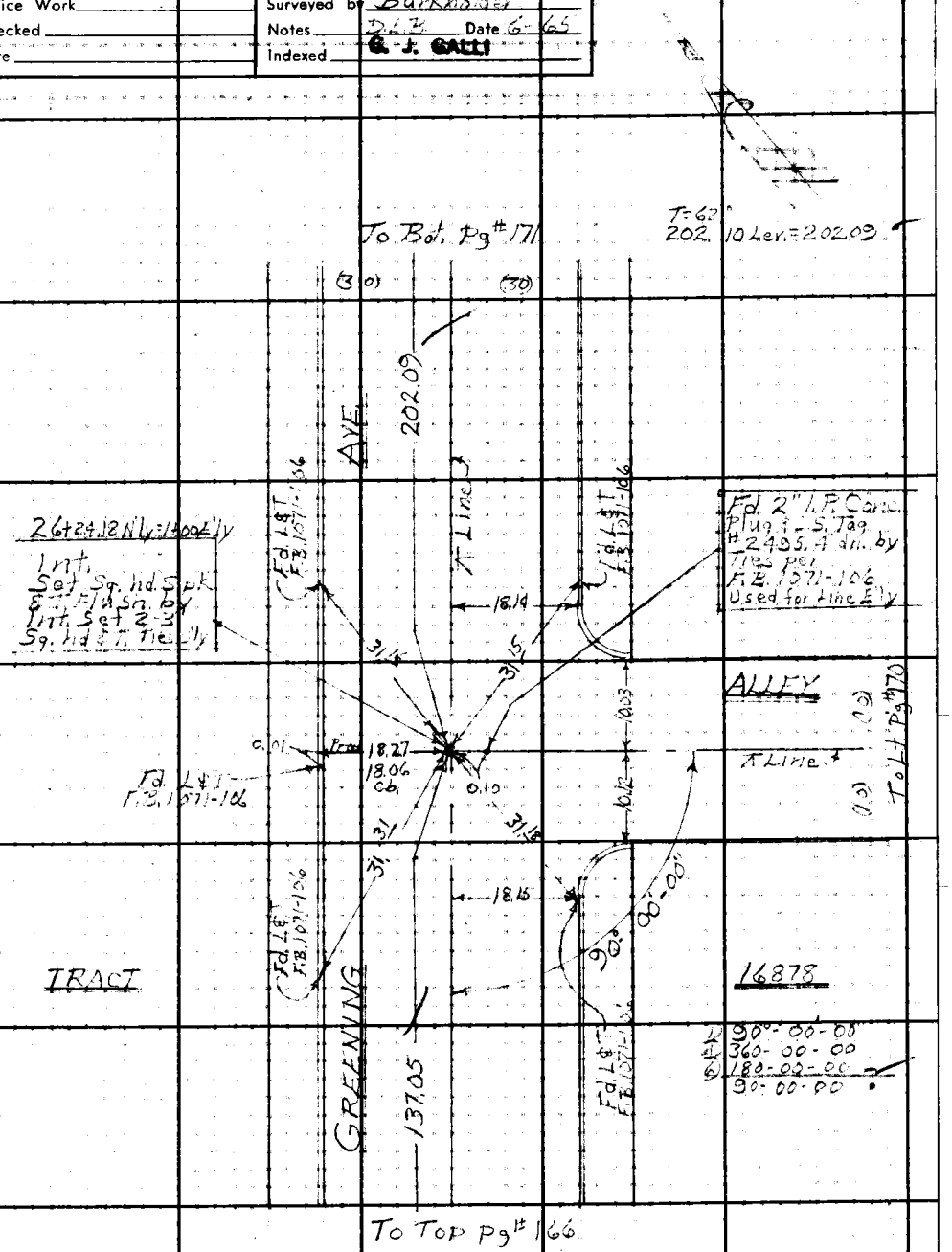
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line "B"	F. B. 3304 Pg. 169
Map No.	JN [illegible] Tape [illegible] Std [illegible] °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 6-65	
Date	Indexed G. J. GALLI	



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 this side of this line.

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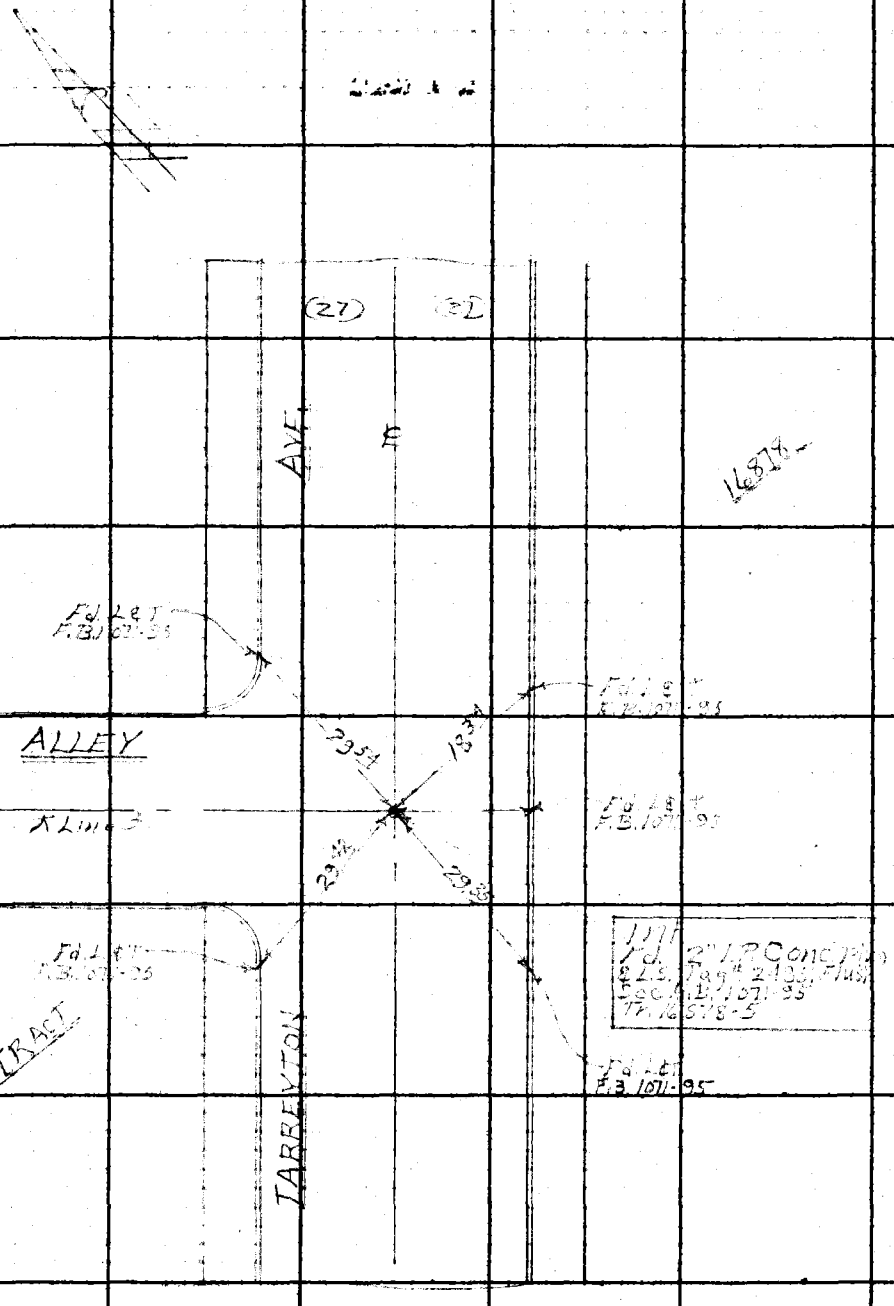
76F309S CE #310 6-63

F. B. 3304 PG 170



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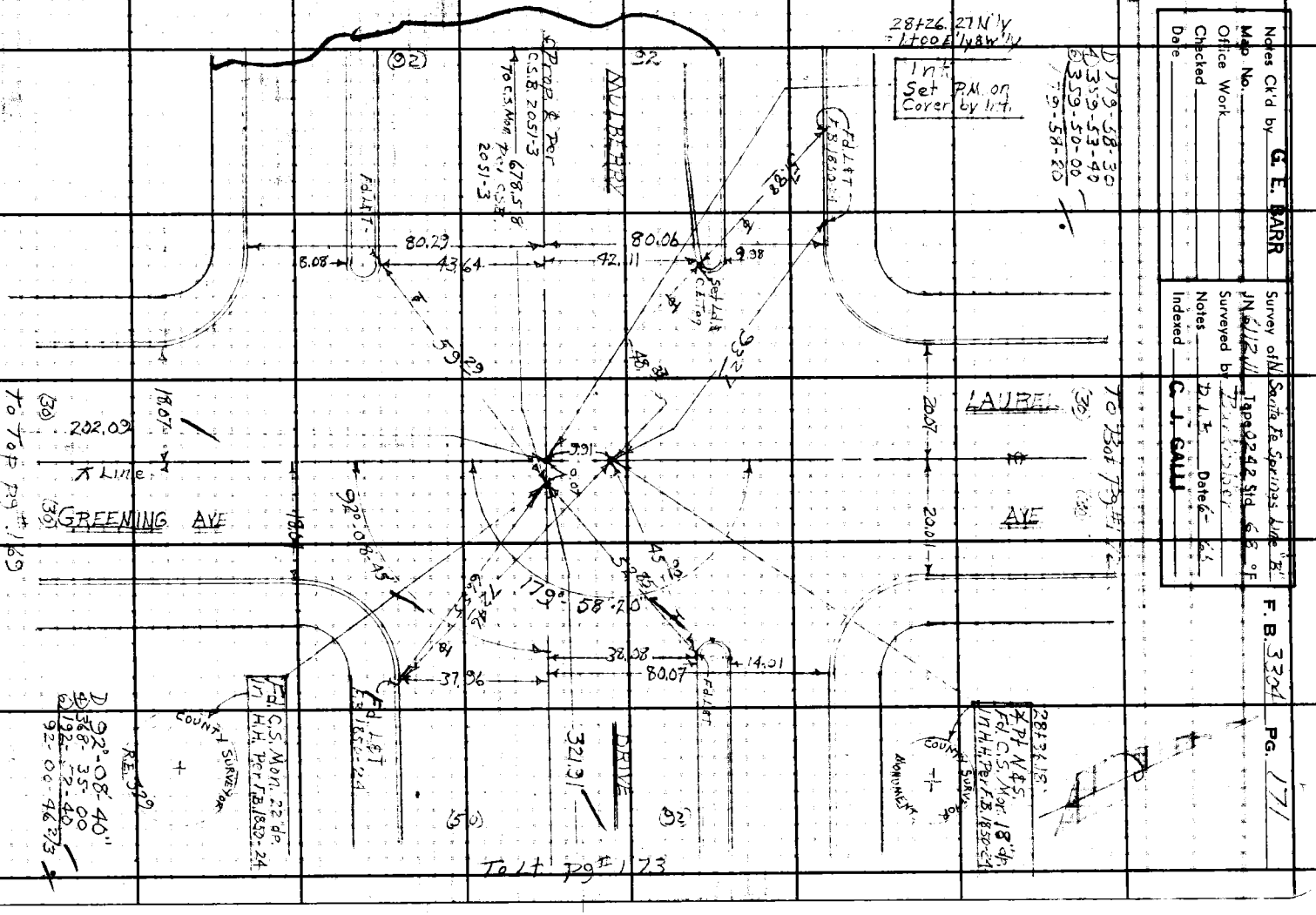
W.J. 34, B-1



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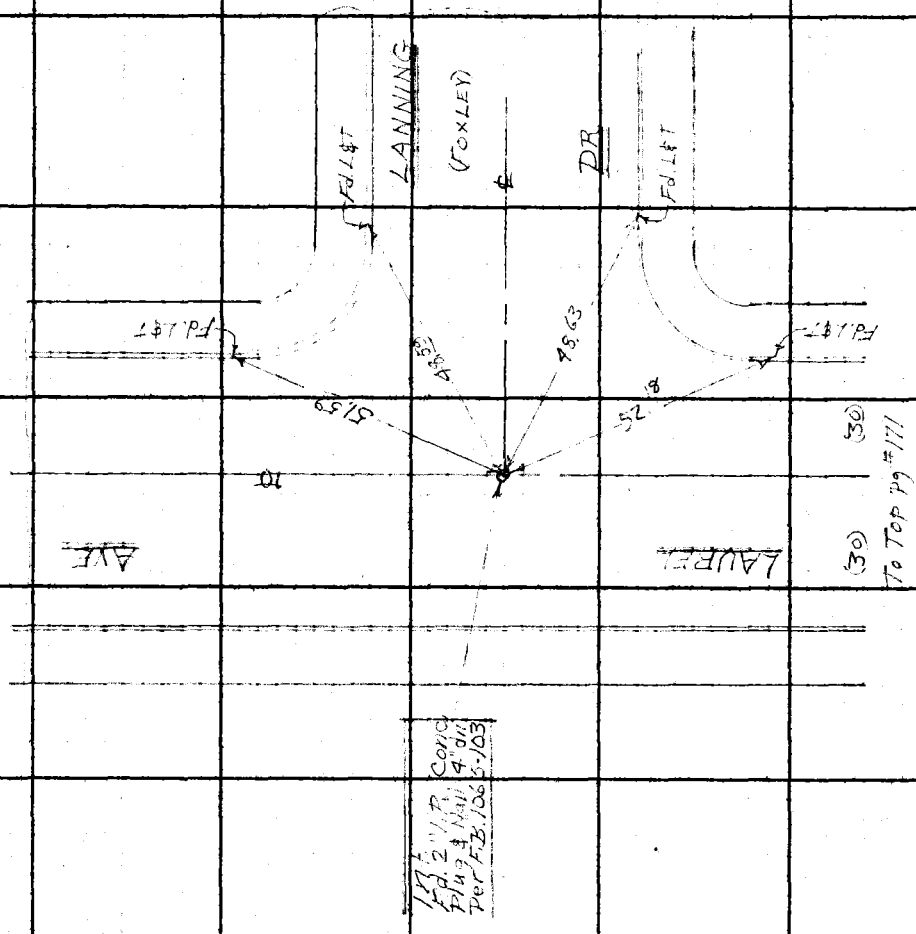
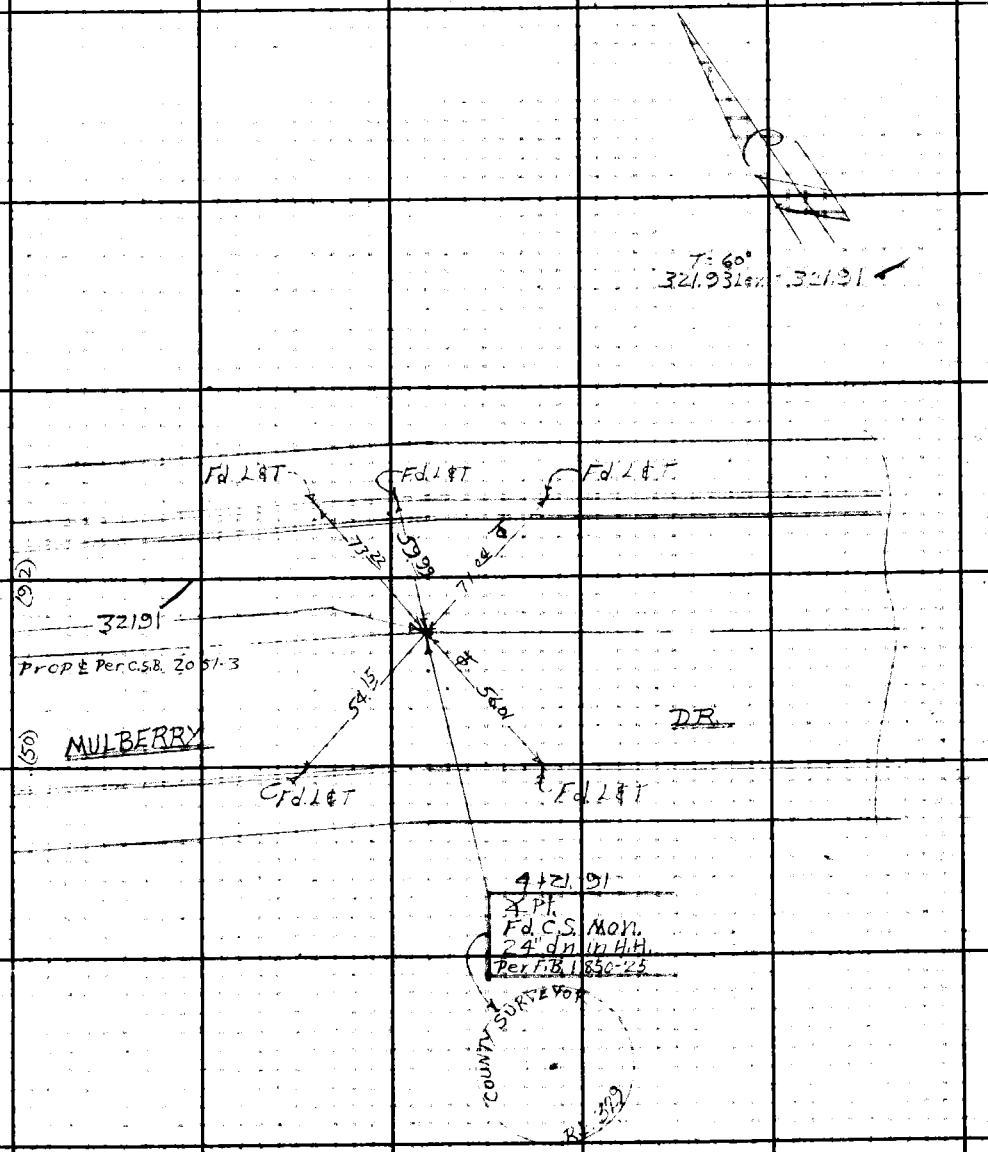
W-534B-1



F. B. 3304 PG 172

Notes Ck'd by G. E. BARR	Survey of N. Santa Fe Springs Line "B"	F. B. 3304 PG. 173
Map No.	JN 6112.11 Tape 0242 Std 68 °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.E. Date 6-65	
Date	Indexed C. J. GALLI	



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 6-63

F. B. 3304 PG. 174

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Notes Ck'd by	Survey of N. S. F. Springs	F. B. 3304 PG. 175
Map No.	JN 6112.11 Tape Std. °F	
Office Work	Surveyed by Burkholder	
Checked	Notes Lc Gault Date 1965	
Date	Indexed C. J. GALLI	

LINE "B"

NORTH SANTA FE SPRINGS

STORM DRAIN

JN 6112.11

TO POG

FROM = REIS ST = 1+00

TO = MULBERRY DR = 28+36.18

PARTY

Burkholder
Lc Gault
Jankson
Mareno
Rangel

Date = June - 1965

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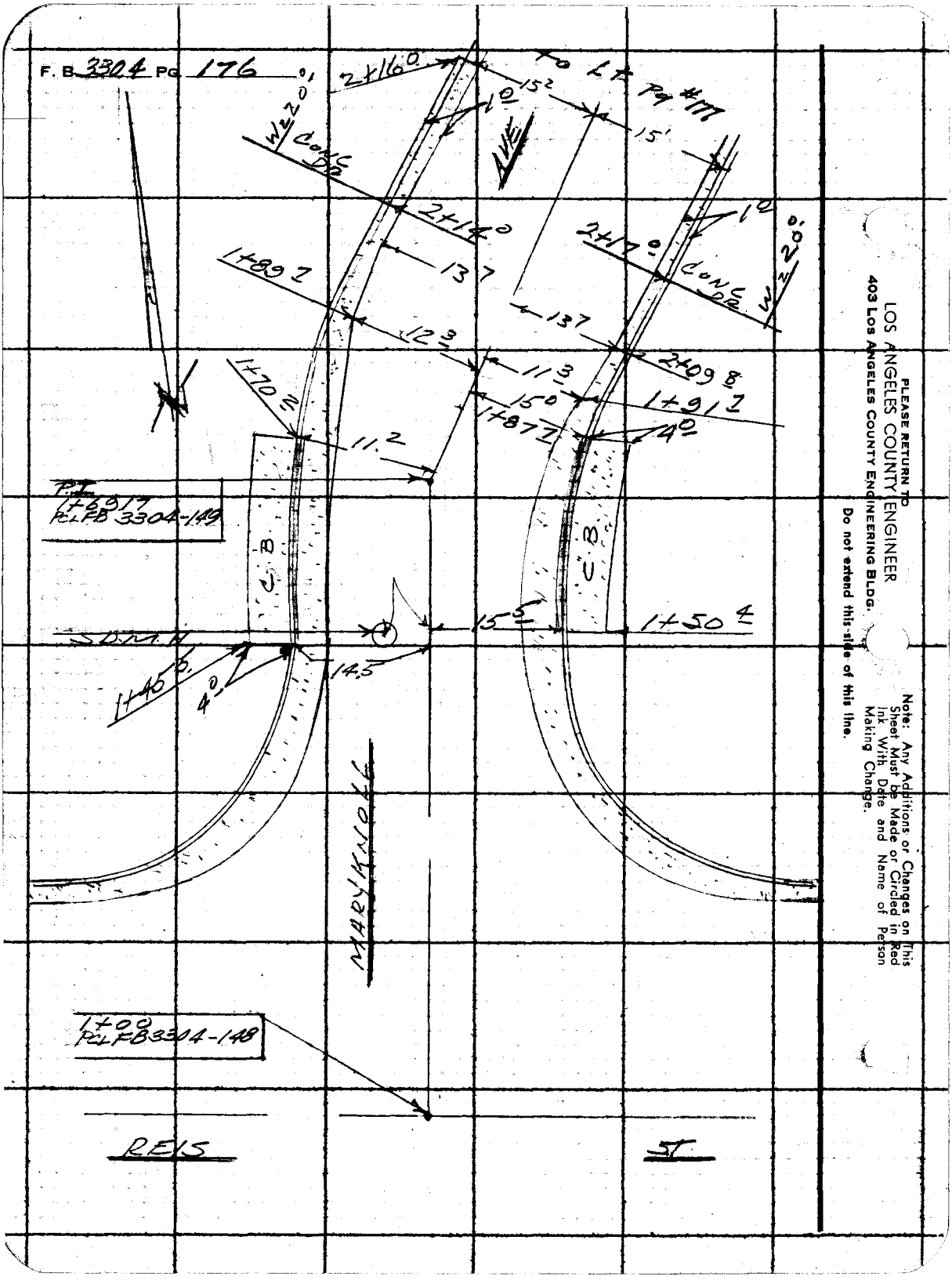
76F3098 CE #310 6-63



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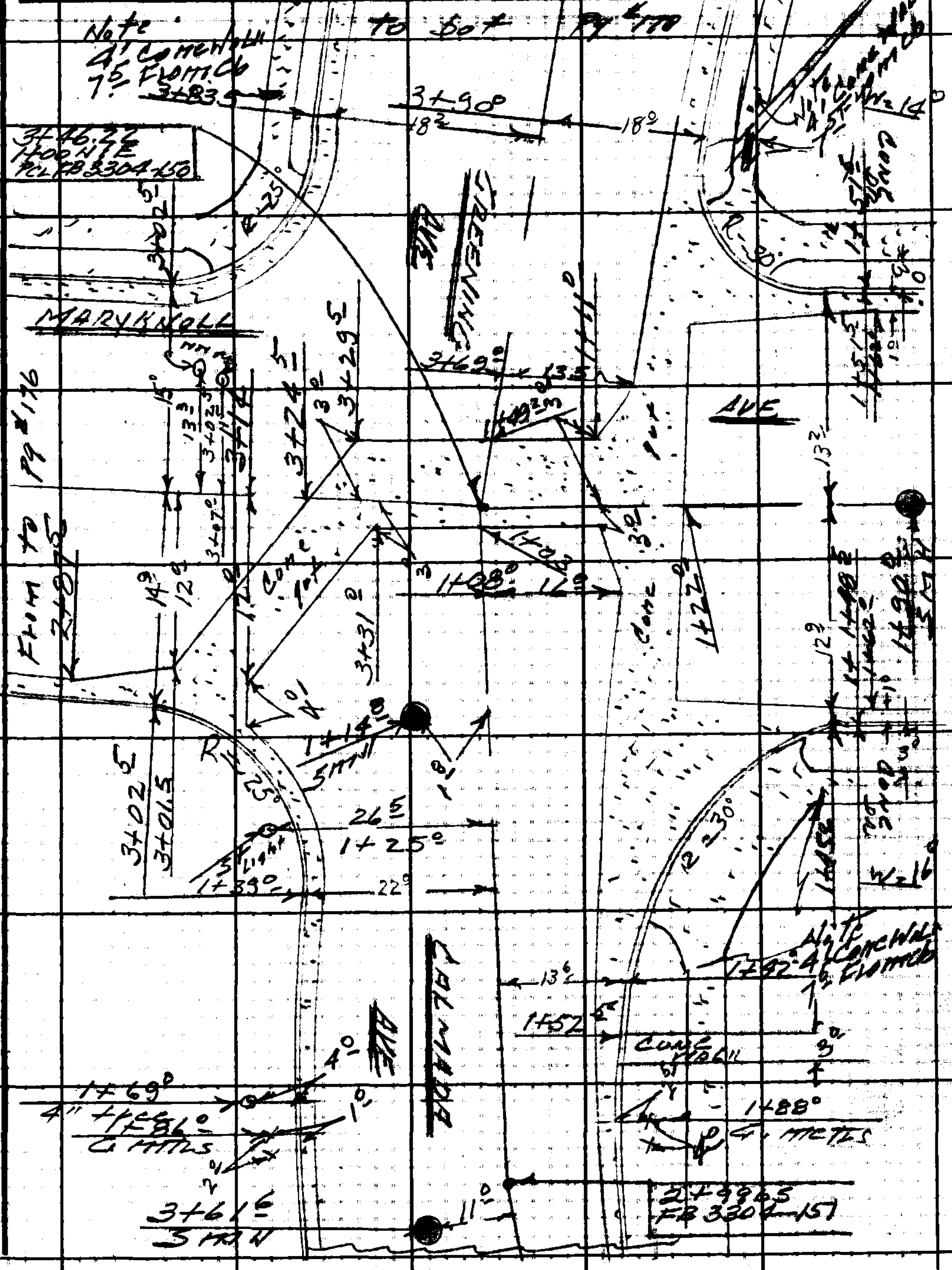
Notes Ck'd by	Survey of W. S. F. Spring
Map No.	JN 61121 Tape Std °F
Office Work	Surveyed by Bulkholder
Checked	Notes LeBault Date 1965
Date	Indexed [illegible]

F. B. 3304 Pg. 177



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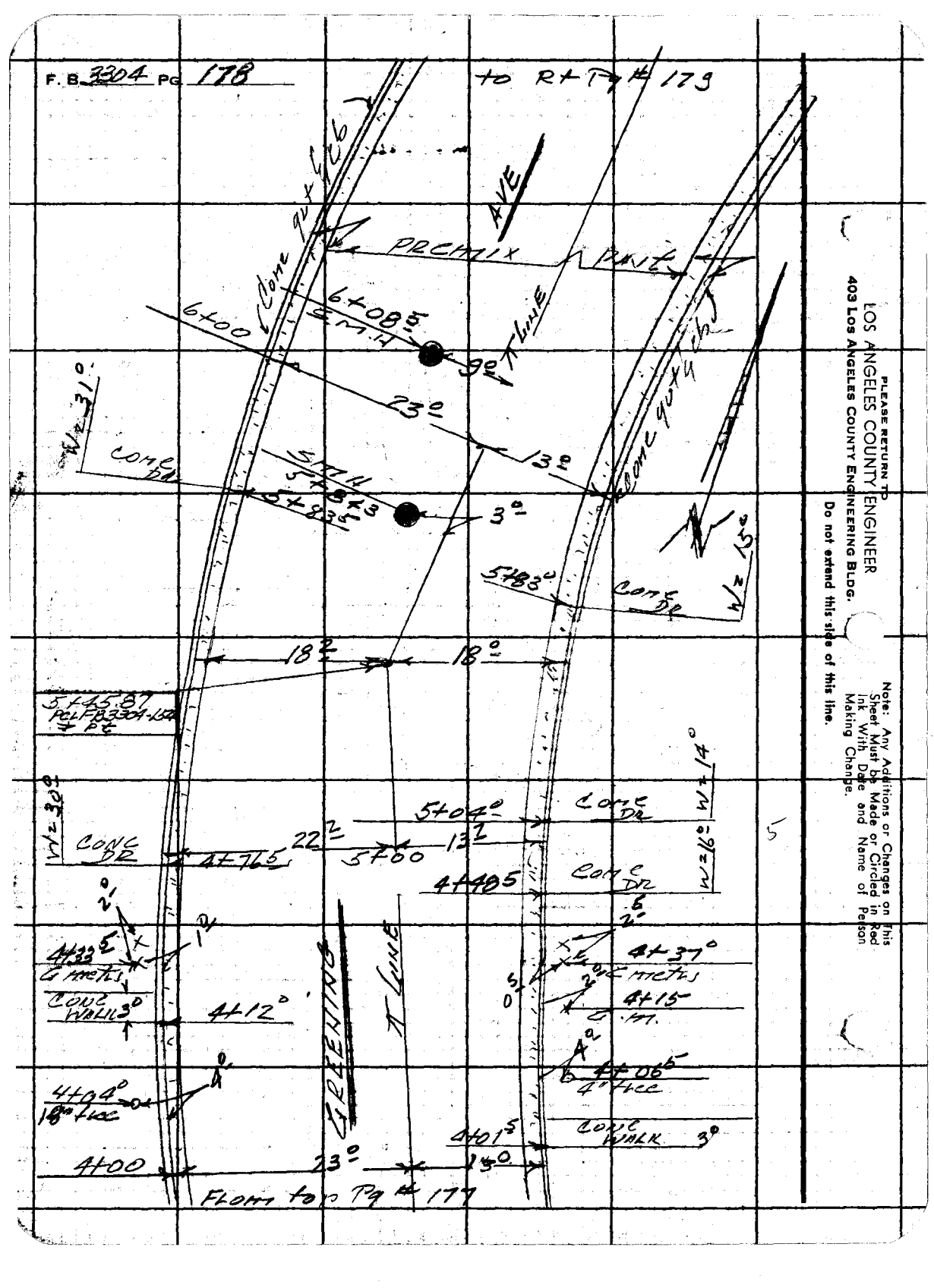
76F309S CE #310 6-53

F. B. 3304 PG 178

to R+T Pg # 179



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76F3095 CE #310 6-63

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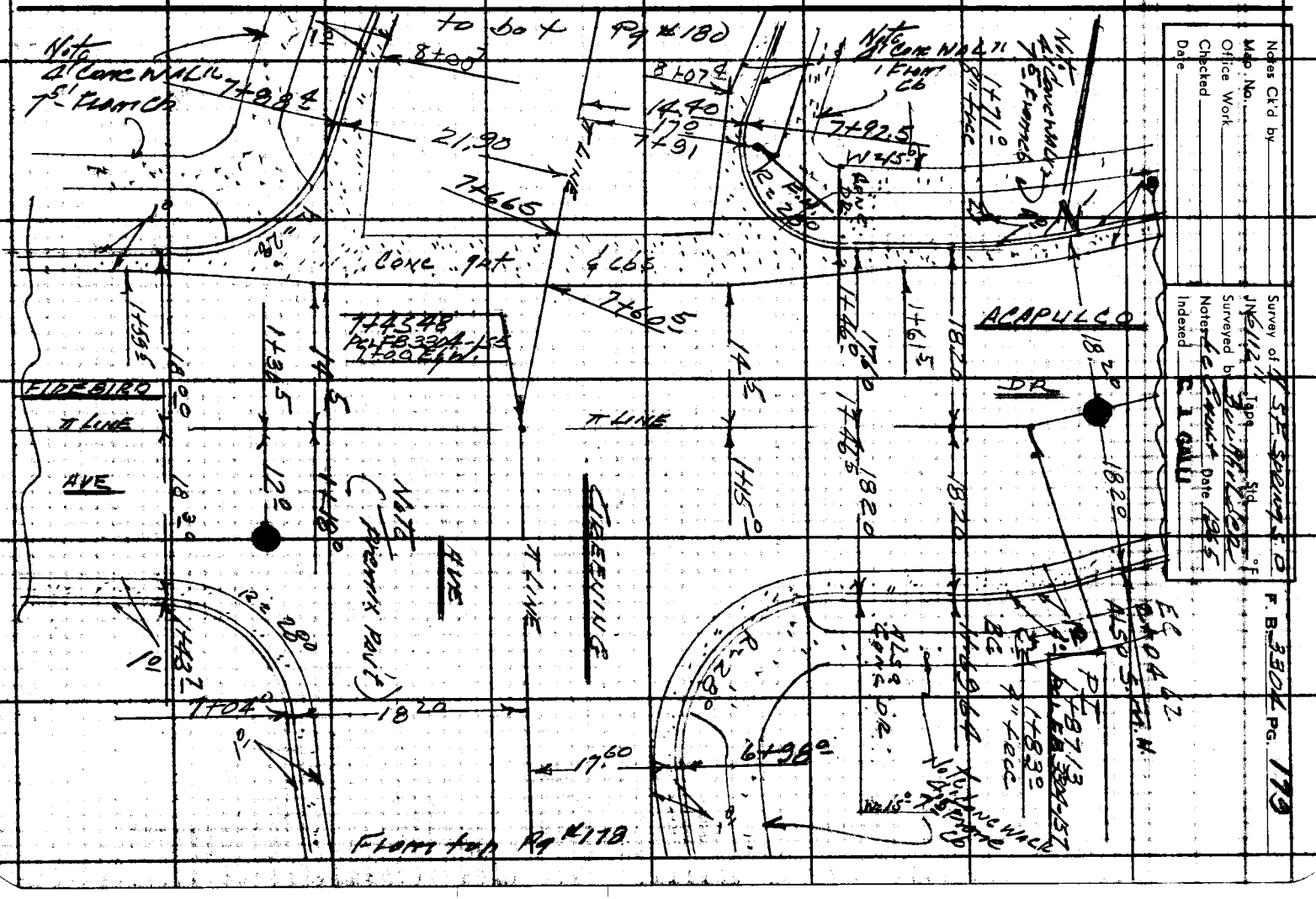
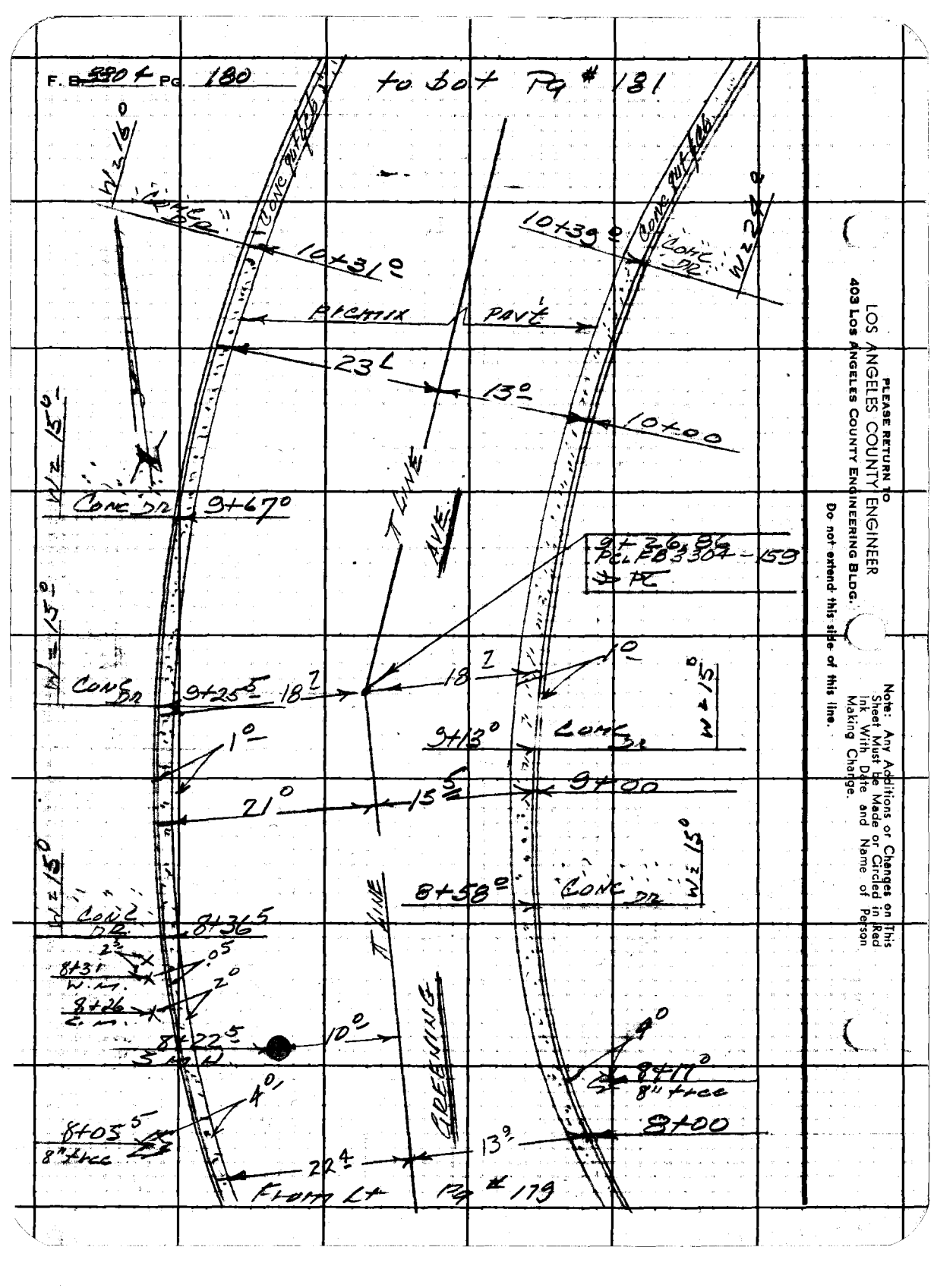


F. B. 330 + PG. 180

to bot Pg # 181



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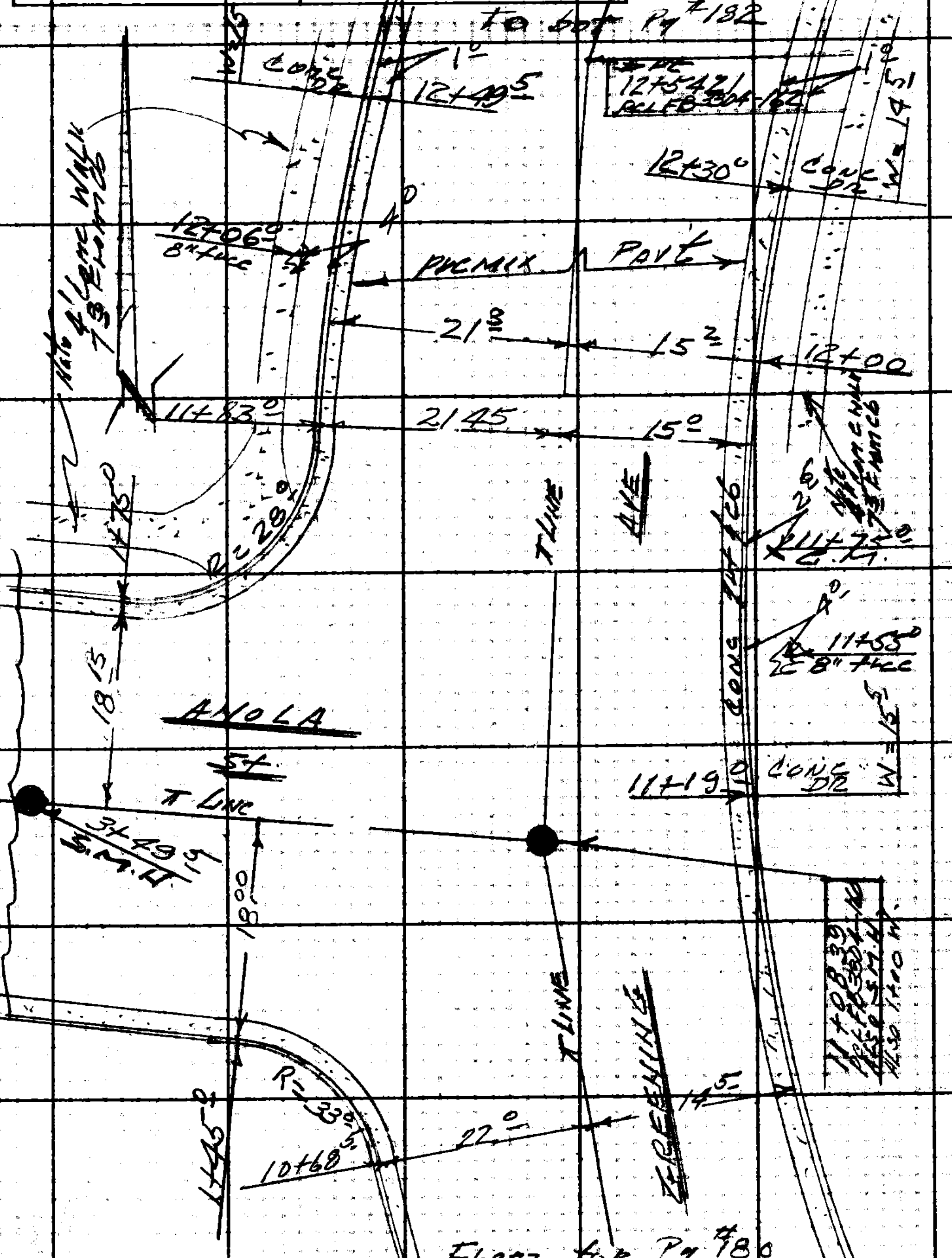
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of N S F Springs S D
Map No.	JN 6112 H Tape ___ Std ___ °F
Office Work	Surveyed by Bulmer Crew
Checked	Notes by LeGault Date 1965
Date	Indexed G. J. GALLI

F. B. 3304 PG. 181



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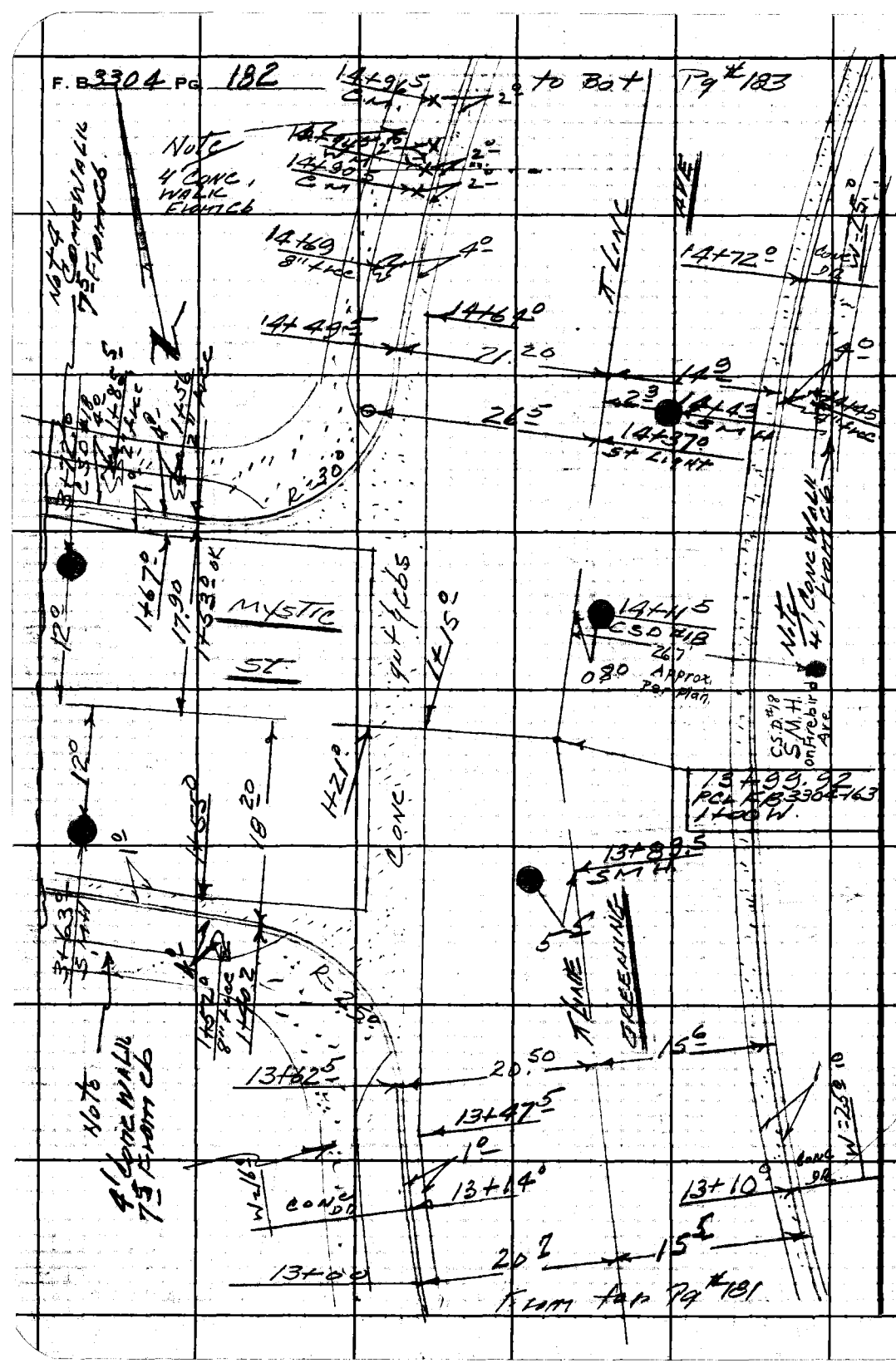
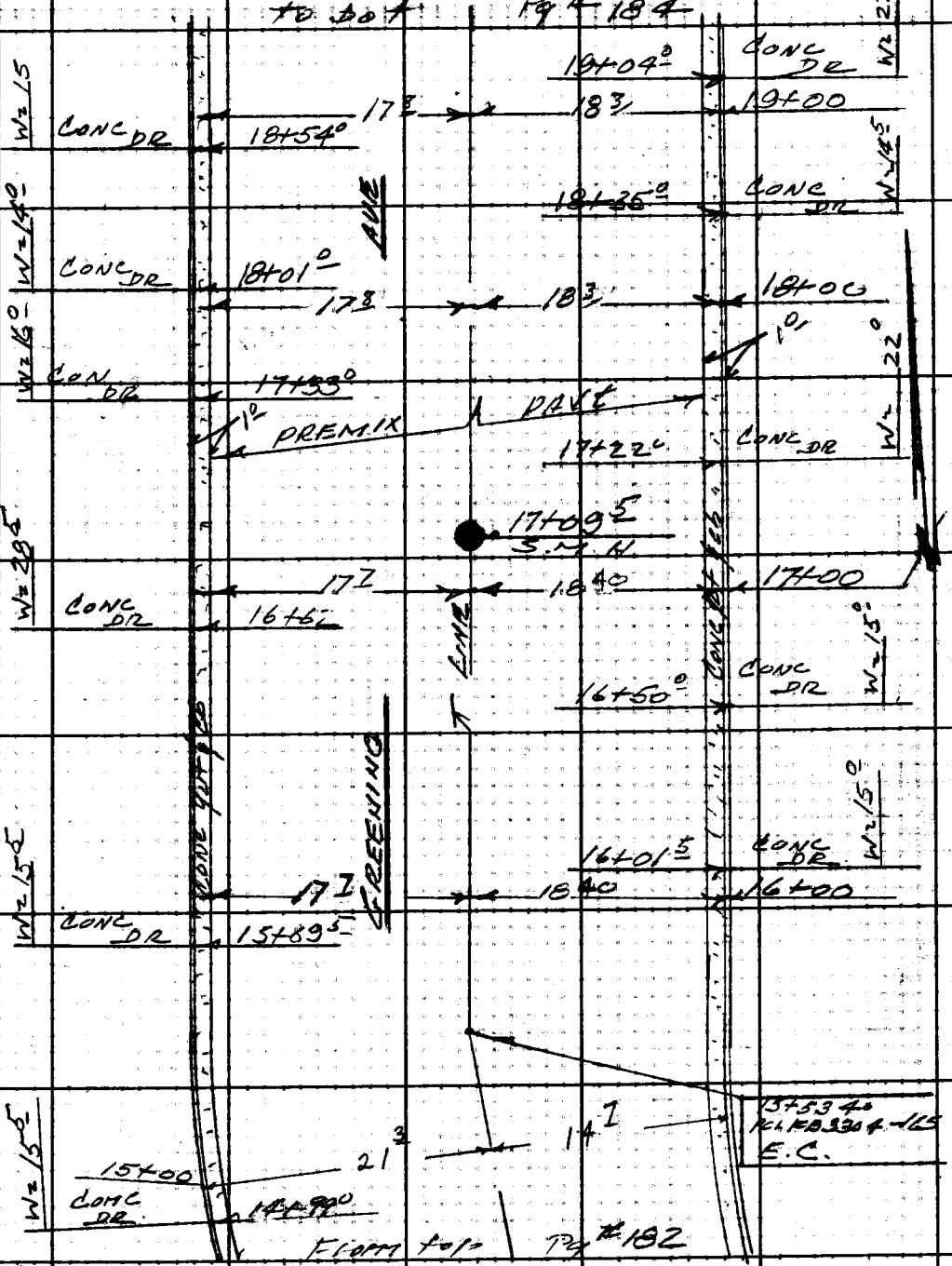
76F309S CE #310 6-63

F. B. 3304 PG. 182



Notes Ck'd by	Survey of U.S.F.S. Springs SD
Map No.	JN 6112 Tape Std °F
Office Work	Surveyed by Bulthaupt
Checked	Notes Lc Gault Date 1965
Date	Indexed C. J. Galli

F. B. 3304 PG. 183



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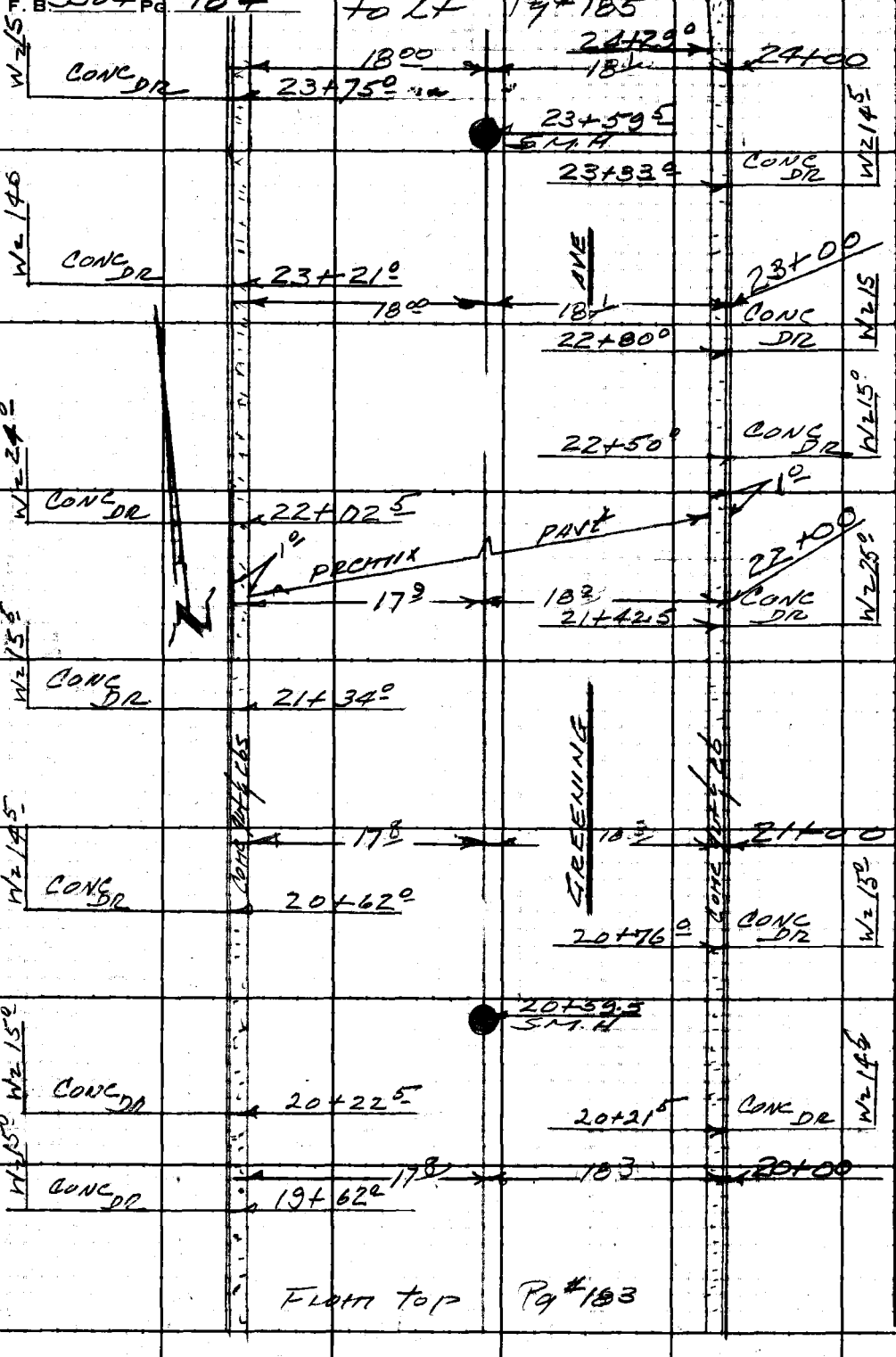
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3304 PG. 184 to Lt Pg #185



From top Pg #183

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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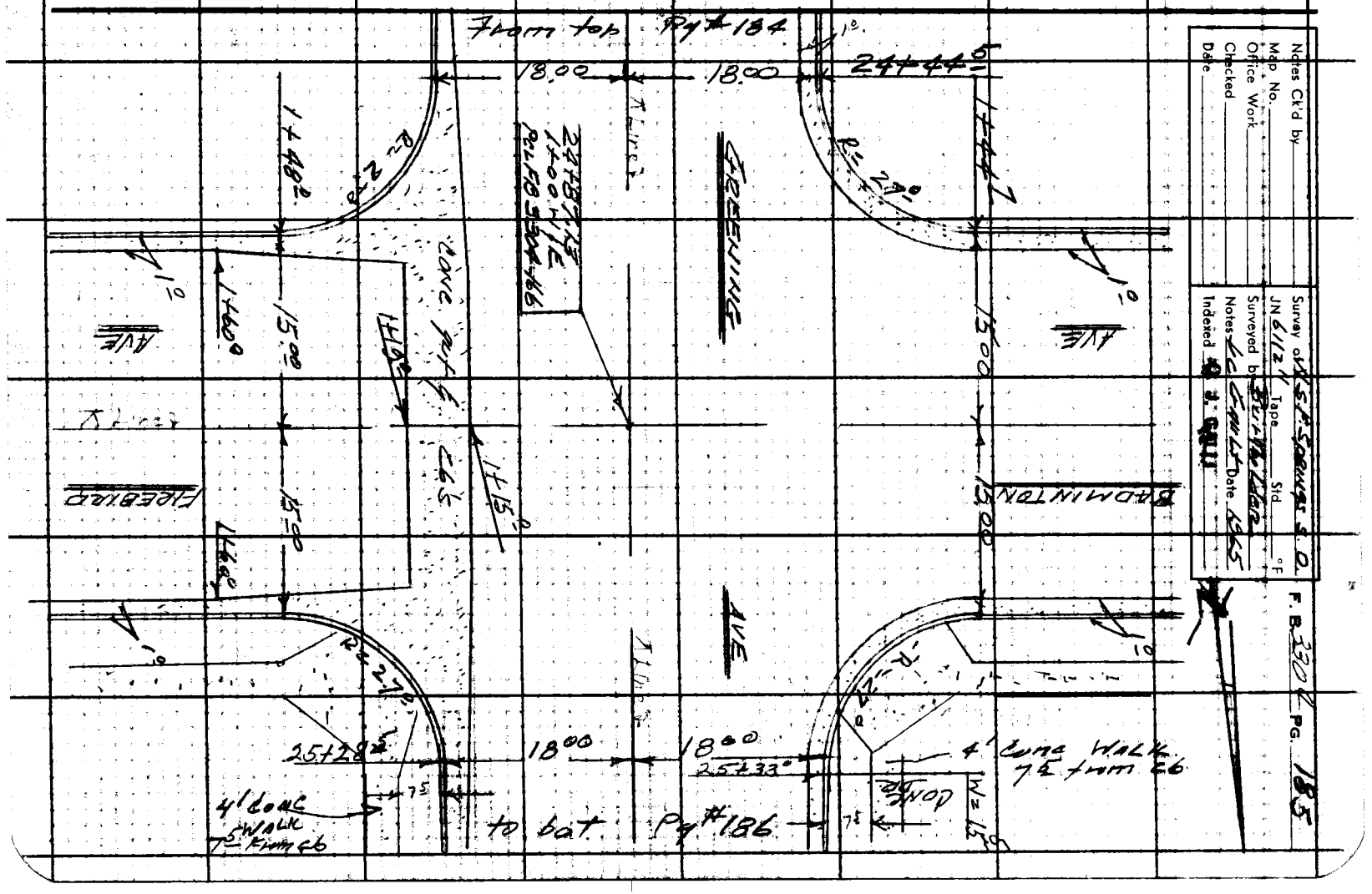
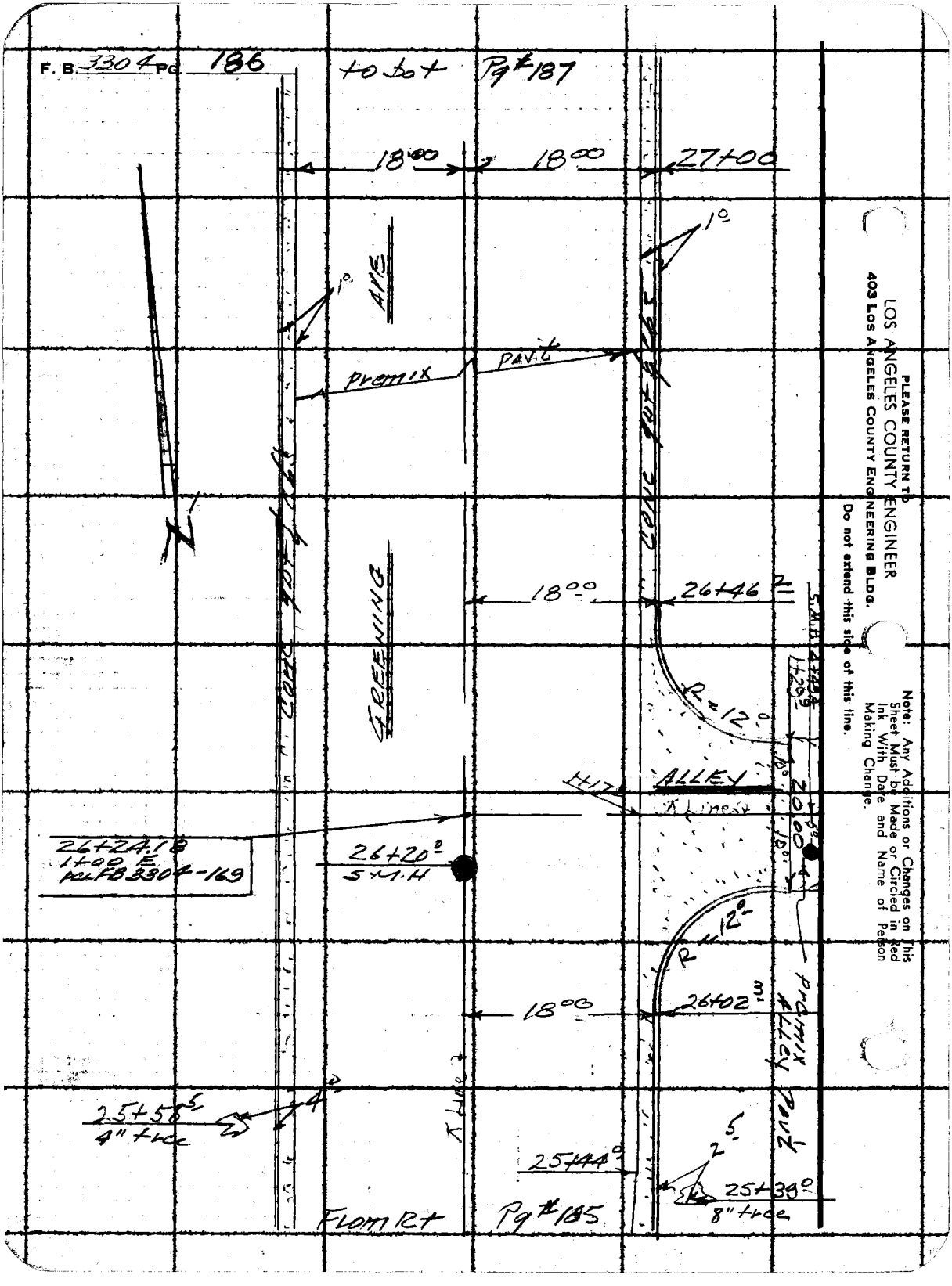


F. B. 3304 PG 186



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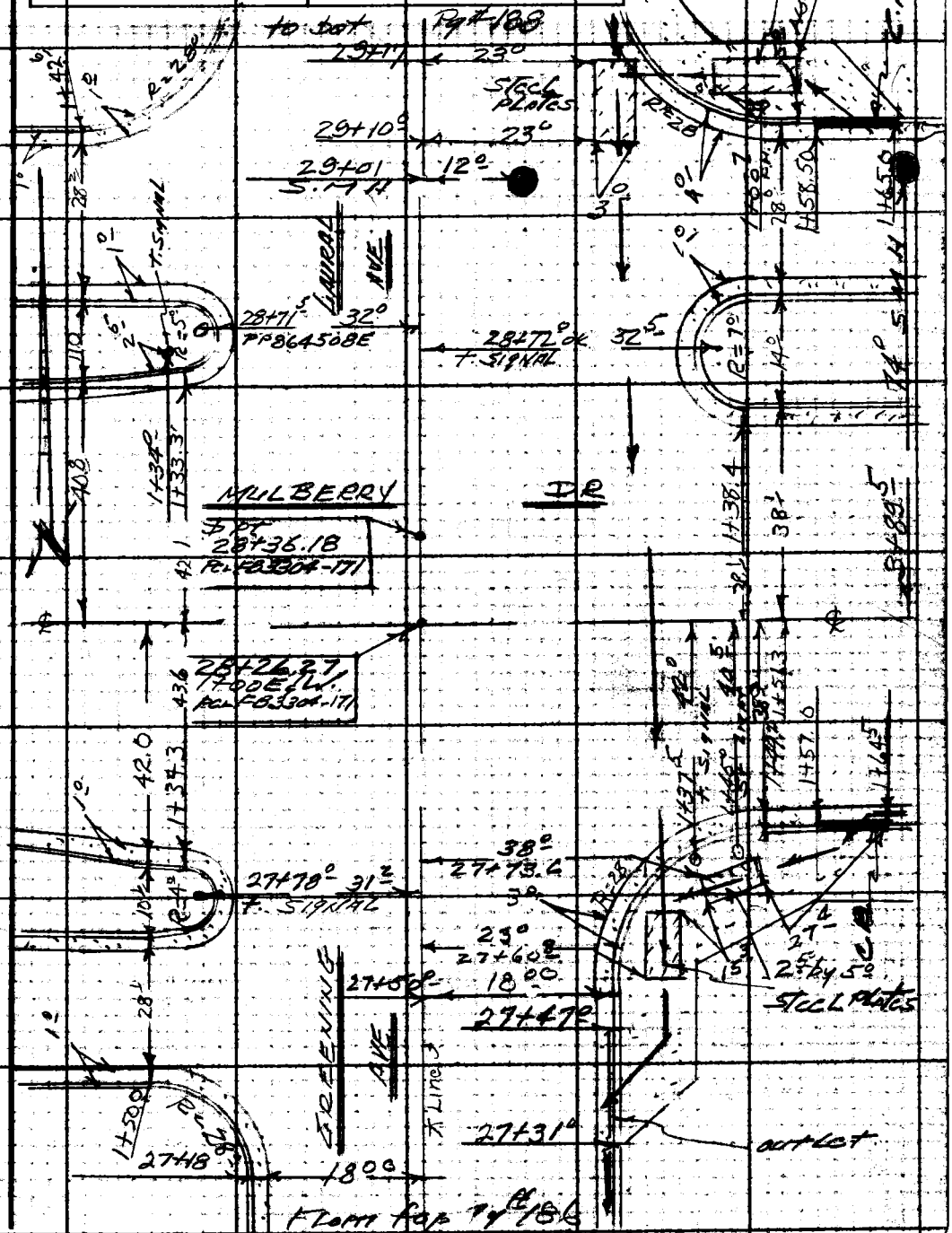
Notes Ck'd by	Survey of N.S.F. Springs S.D.
Map No.	JN 6112" Tape Std °F
Office Work	Surveyed by [illegible]
Checked	Notes Lee Gault Date 1965
Date	Indexed C. J. GALLI

F. B. 3304 PG. 187



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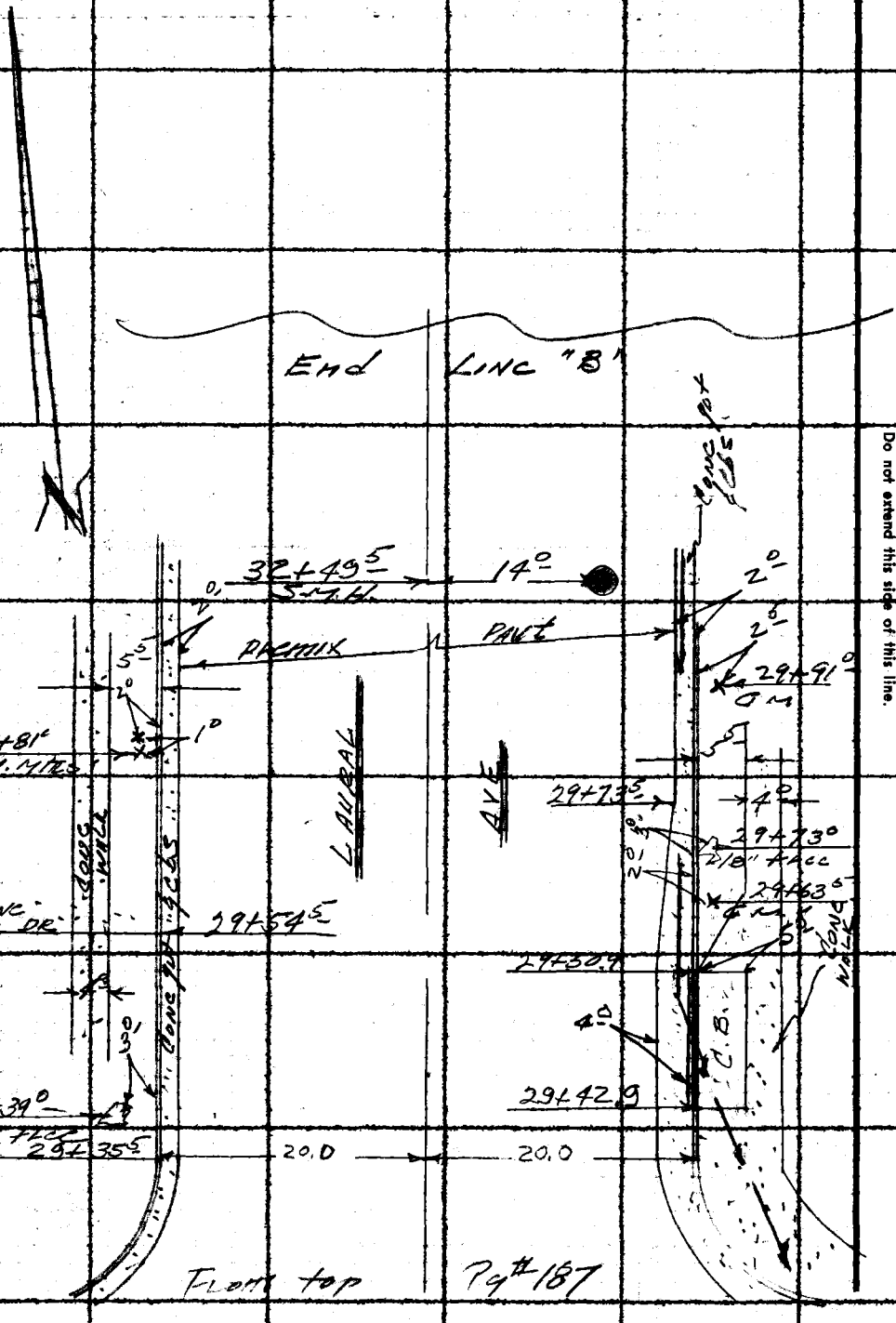
76F309S CE #310 6-63

F. B. 3304 Pg 188



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Profile No.	Notes Red	Plotted	Job No. 6112.11	Division No. 11	F. B. 3304	Pg. 189
	Date	Date	Survey of N. Santa Fe Springs Line "B"			
X-Sec. No.	Notes Chkd.	Checked	Survey by Burkholder	Notes D.L.B.	Date 6-65	
	Date	Date	Map No.	Indexed by	Date	

J.N 6112.11

N. SANTA FE SPRINGS
Storm Drain Preliminary
Line "B"
Cross-Sections

on- Greening Ave. & Maryknoll Ave.
from- Reis St. 1+00
to- Mulberry Dr. 28+36.18

Burkholder
LeGault
Bankson
Rangel

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

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FR-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Maryknoll (Lt & W.)	Ave. (Rt. & E.)
B.M. S.D. 1234				137.73	B.M. S.D. 1234 El. = 137.7	28 F.B. 3304-142
					Mary Knoll Ave & Reis St. (So. Side) Bt. Spk in Ld. in	
					N.E. Cor. Catch Basin.	
1+00				137.66		Int. Maryknoll & Reis
1+					Storm Drain M.H.	
					Rim	
					Meas Top Pipe	
					Diam _____ Inv. No. Inlet	
1+60.6				137.57		Pvmt.
				137.60		2.0 Rt. & Pvmt.
				137.52	4.3 Lt. Pvmt.	
				137.36	8.6 Lt. Gut out	
				137.06	12.6 Lt Gut in	
				133.79	12.6 Lt. F.L. So. end C.B.	(top 137.79)
				137.88	12.6 Lt. Top Cb.	
				137.98	16.6 Lt. back Conc. cb.	

F.B. 3304 Pg. 190 Job No. 6112.11 Division No. 11 Notes Red. ____ Plotted ____ Profile
Survey of N. Santa Fe Springs Line B Date 6-65 Data ____ No. ____ X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. ____ Checked ____ No. ____
Indexed C. J. GALLI Date ____ Date ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & W. Maryknoll	⊼ Ave. Rt. & E.
1+73				13763		⊼ Prmt.
				13766		2°-Rt. ℄ Prmt.
				13752		7°-Rt. Prmt.
				13742		14° Rt. Gut. out
				13690	top	18° Rt. Gut. in
				13372	(137.72)	" Rt. F.L. So. end CB.
				13788		" Rt. Top cb.
				13792		22³-Rt. back Conc. C.B.
2+ 16°				13839		⊼ Prmt. brk.
				13813		7⁵ Prmt.
				13784		14' Gut out
				13773		15' Gut in
				13838		15' Top cb.
				13881		27° Back Walk
				13828	7⁶ Prmt.	
				13805	14³ Gut out	
				13797	15³ Gut in	
				13865	15³ Top cb.	
				13907	27° Back Walk	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 Division No. 11 F.B. 3304 Pg. 191
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line "B"
Notes Chkd. ____ Checked ____ Survey by Burknolder Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Maryknoll	Ave Rt. & E.
2+92.5				13833		Prmt.
				13810		7.5 Prmt.
				13800		14° Gut out
				13782		15° Gut in
				13836		15° Top cb.
				13900		27° Back Walk
				13832	7.5 Prmt.	
				13836	14° Gut out	
				13825	15° Gut in	
				13891	15° Top cb.	
				13924	27° Back Walk.	
3+24.5				13826		So. edge Conc. Gut.
3+29.5				13825		F.L. Conc. Gut.
3+46.22 N'wly =1+00 N & E.	Int. Greening, Maryknoll & Calmada			13832		Conc. Gut.
	Going N'ly on Maryknoll Ave					
3+46.22 N'wly 1+00 N'ly				13832		Conc. Gut.
1+19°				13817		F.L. Conc. Gut.
1+22				13830		Edge Conc. Gut.
1+55°				13882		
				13872		6.5 Prmt.
				13860		11.9 Gut out
				13848		12.9 Gut in

F.B. 3304 Pg. 192
Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B Date 6-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked Date No.
Indexed Cr. J. GALLI Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	H & W. Maryknoll	℄ Ave. Rt. & E.
1+55°				13895		12' Top cb.
				13927		20° Back walk
				13874	6' Pvmt.	
				13857	12' Gut out	
				13842	13' Gut in	
				13895	13' Top cb.	
				13910	20° Back walk	
1+95°				13911		℄ Pvmt.
				13883		6' Pvmt.
				13873		12° Gut out
				13855		13° Gut in
				13903		13° Top cb.
				13936		20° Back walk
				13879	6' Pvmt.	
				13865	12° Gut out	
				13848	13° Gut in	
				13897	13° Top cb.	
				13914	20° Back walk.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line B
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed J. GALLI Date ____

F. B. 3304 Pg. 193

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Mary Knoll	⊼ Ave. Rt. & E
1+90° OK					outlet S	⊼ S.M.H.
		N. Rim		13898	Rim 13898	
		S. Rim		13898	Meas. 708	
					Top Pipe 13190	
					Diam 67	
					Inv. So. outlet = 13123	
2+95°				13915		⊼ Pvmt.
				13898		6⁵ Pvmt.
				13878		12° Gut out
				13864		13° Gut in
				13913		13° Top cb.
				13935		20° Back Walk
				13900	6⁵ Pvmt.	
				13878	12° Gut out	
				13865	13° Gut in	
				13912	13° Top cb.	
				13934	20° Back Walk.	

F.B. 3304 Pg. 194 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B Date 6-65 Date No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Calmada		Ave. Rt. & S.
	Going E'ly on Calmada Ave.						
3+46.22 = 1+00 E'ly				13832			Conc. Gut.
1+03				13836			Edge Conc. Gut.
1+14.8							1.8 S.M.H.
		E.	Rim	13860	Rim	INLet N 13861	INLet W. 13861 / OUT Let E 13861
		W.	Rim	13862	Meas.	698	717 / 720
					Top pipe	13163	13144 / 13141
					Diam inv.	.67	67 / 67
						130.96	130.77 / 130.74
1+49°				13895			Pvmt.
				13900			3° ℄ Pvmt.
				13880			11° Pvmt.
				13841			21.6 Gut out
				13824			22.6 Gut in
				13886			" Top cb.
				13942			34° Back Walk
1+52.5				13898			
				13902			℄ Pvmt.
				13868	2° Pvmt		
				13845	12.4 Gut out		
				13826	13.4 Gut in		

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 195
X-Sec. No. ___ Date ___ Date ___ Survey of N. Santa Fe Springs Line B
Notes Chkd. ___ Checked ___ Survey by ___ Notes ___ Date ___
No. ___ Date ___ Date ___ Map No. ___ Indexed ___ Date ___
C. J. GALLI

76-L-298 CE 307 2-63

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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F.B. 3304 Pg. 196 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Line B Date 6-25 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed G. J. GALLI Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Calmada	Rt. & S. Ave.
1+52.5				13892	Top cb.	
				13932	24.8 Back walk	
1+89°				13910		Pvmt.
				13914		2° Rt. & Pvmt.
				13883		12.6 Rt. Pvmt.
				13847		23° Rt. Gut out
				13828		24° Rt. Gut. in
				13890		" Rt. Top cb.
				13932		35.5 Rt. back walk
				13876	5° Lt. Pvmt.	
				13850	11.2 Lt. Gut. out	
				13835	12.2 Lt. Gut. in	
				13895	" Lt. Top cb.	
				13937	23.4 Lt. back walk	
2+89°				13920		Pvmt.
				13921		1° & Pvmt
				13893		9.5 Pvmt.
				13850		17.9 Gut. out
				13838		18.9 Gut. in
				13904		" Top cb.
				13935		30.2 back walk

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Calmada	Ave. Rt. & S.
2+89°				13894	Prmt.	
				13858	Gut. out	
				13845	17.6 Gut. in	
				13910	" Top cb.	
				13941	29° back walk	
2+99.65 ∡ pt.						Prmt.
3+61.6					Inlet W	11° S.M.H.
		N. Rim		13923	Rim 13923	
		S. Rim		13923	Meas. 843	
					Top Pipe 130.80	
					diam 67	
					inv. S. inlet 130.13	
	Going W'ly on Greening Ave.				Lt. Greening	Ave. Rt.
BMSD 1235				138 90	B.M.S.D. 1235, El. = 138.904 F.B. 3304-142	
					Maryknoll Ave & Greening Ave N.W. Cor. Bt. Spk in Ld.	
					5' So. of So. cb. Ret.	
3+46.22	Int. Greening Ave & Maryknoll Ave.			13832		Conc. Gut.
3+49°				13835		Edge gal
				13891		Prmt.
3+93.5				13900	℄ Prmt.	
				13878	Prmt.	
				13832	Gut out.	

File Notes Red ____ Plotted ____ Job No. 611211 Division No. 11 F.B. 3304 Pg. 197
Date ____ Date ____ Survey of N. Santa Fe Springs Line B.
Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 6-25
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. Greening	Ave Rt.
3+93.5				13818	22^6 Gut in	
				13880	22^6 Top cb.	
				13925	34^1 back walk	
4+00°				13894		Pvmt.
				13864		6^0 Pvmt.
				13837		11^7 Gut out
				13825		12^7 Gut in
				13890		" Top cb.
				13907		24^2 back Walk
4+33.5				13895		Pvmt.
				13863		5^5 Pvmt.
				13842		10^7 Gut. out
				13831		11^7 Gut. in
				13896		" Top cb.
				13917		23^1 back walk
				13903	5^0 ℄ Pvmt.	
				13890	12 Pvmt.	
				13850	23^4 Gut out	
				13836	24^4 Gut. in	
				13900	" Top Curb.	
				13941	36^0 back Walk	

F.B. 3304 Pg. 198 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B. Date 6-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. Greening	Ave Rt.
5+33.5				13922		Pvmt.
				13900		8° Pvmt
				13862		15' Gut out.
				13850		16' Gut in
				13913		" Top Cb.
				13938		28' back Walk
				13923	℄ Pvmt.	
				13910	2° Pvmt.	
				13870	18' Gut out	
				13855	19' Gut in	
				13916	" Top Cb.	
				13963	30° back Walk	
5+45.87 ℄ Pt.		+P.		13926		Pvmt.
5+84.3					3° S.M.H. In Lat W	out Lat E
			N. Rim	13926	Rim 139.26	13926
			S. Rim	13926	Meas. Top 6.75	6.97
					Pipe 132.51	132.29
					Diam 67	67
					Inv. 131.84	Inv. 131.62
6+00				13919		
				13926	5° ℄ Pvmt	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 199
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed E. J. GALL Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. Greening	Ave Rt.
6+08.5					9° S.M.H outlet E	
		N.	Rim	13928	Rim 13928	
		S.	Rim	13928	Meas. 665	Stub W.
					Top Pipe 13263	
					Diam. 67	
					Inv. 13196	Inv.
6+88°				13933		Pvmt.
				13915		6° Pvmt.
				13883		12° Gut. out
				13870		13° Gut. in
				13932		" Top Cb.
				13969		24⁴ back walk
6+94°				13936		Pvmt.
				13944	4° ℄ Pvmt.	
				13923	11⁵ Pvmt.	
				13887	22³ Gut. out	
				13870	23³ Gut. in	
				13932	" Top Cb.	
				13982	34⁸ back walk	
7+45.48 N. = 1+00 E&W.		Int. Greening Ave & Acapulco Dr. & Firebird Ave.		13940		Pvmt.

F.B. 3304 Pg. 200 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B. Date 6-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed C. J. GALLIOTT Date Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & No. Acapulco	Dr. R & So.
		Going East on Acapulco Dr.				
7+45.48 No=1+00E	W			13940		
1+56.5				13960		Prmt.
				13946		9' Prmt.
				13904		17² Gut in
				13890		18² Gut out
				13961		18² Top cb.
				13986		29² back walk
				13942	8⁸ Prmt.	
				13883	16⁴ Gut. out.	
				13870	17⁶ Gut in	
				13934	17⁶ Top cb.	
				13973	29' back walk	
1+87.13 ≠ Pt				13963		Prmt.
1+96.5				13963		Prmt.
				13945		9⁰ Prmt.
				13900		17² Gut. out
				13890		18² Gut. in
				13954		" Top cb.
				13987		30' back walk
				13945	9⁰ Prmt.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.11 Division No. 11 F.B. 3304 Pg. 201
Date ____ Date ____ Survey of N. Santa Fe Springs Line B
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 6-66
Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt & No. Acapulco	Dr. Rt. & So.
1+96.5				13893	17² Gut out.	
				13882	18² Gut. in	
				13947	" Top cb.	
				13976	30 back walk	
2+04.6						S.M.H. out Let E
		W.	Rim	13965	Rim	13965
		E.	Rim	13965	Meas. West Stub	612
					Top Pipe	13353
					diam.	67
					Inv. W. outlet	13296
2+96.5				13980		Pvmt
				13962		9° Pvmt.
				13916		17² Gut. out
				13903		18² Gut in
				13967		" Top cb.
				13900		30° back walk
				13953	9° pvmt.	
				13910	17² Gut. out	
				13894	18² Gut. in	
				13958	" Top cb.	
				13986	30 back walk	

F.B. 3304 Pg. 202 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B. Date 6-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed C. J. Galli Date Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & So. Firebird	Ave Rt. & No.
		Going West on Firebird Ave.				
7+45.48 No. = 1+00 W.				13940		↑ Pvmt.
1+30.5					12° S.M.H. inlet W	outlet N.
		E	Rim	13915	Rim 139.15	13915
		W.	Rim	13915	Meas. 640	642
					Top Pipe 132.75	132.73
					Diam 67	67
					Inv. 132.08	132.06
1+53.7				13915		↑ Pvmt
				13900		9° Pvmt.
				13857		17° Gut. out
				13841		18° Gut. in
				13905		18° Top cb.
				13921		29.5 back walk
				13905	9.1 Pvmt.	
				13854	17.3 Gut. out	
				13840	18.3 Gut. in	
				13903	18.3 Top cb.	
				13952	29.8 back walk	
B.M. S.D. 1236				139 30	B.M. S.D. 1236 El. = 139.298 F.B. 3304-142 Greening Ave & Acapulco Dr. S.E. Cor. Bt. Spk in Ld. 5' So. of Sd Cb. Ret.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. 3304 Pg. 203
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line B.
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ GALLI ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Greening	Ave. Rt. & E.
	Going No. on Greening Ave.					
7+45.48 No.				13940	℄ Int Greening Ave & Acapulco Dr (E) & Firebird Ave (W)	
7+60.5				13887		Edge Conc. Gut.
7+63.5				13884		F.L. " "
7+66.5				13888		Edge " "
7+98.4				13934		Pvmt.
				13935	4.0 ℄ Pvmt.	
				13904	11.2 Pvmt.	
				13871	21.4 Gut out	
				13861	22.4 Gut in	
				13926	" Top cb.	
				13949	33.9 back Walk	
8+02.5				13936		Pvmt.
				13922		7.0 Pvmt.
				13882		12.9 Gut. out
				13869		13.9 Gut. in
				13928		" Top cb
				13960		25.4 back Walk

F.B. 3304 Pg. 204 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B Date Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. Greening ⊼	Ave. Rt.
8+22.5					10° Lt. S.M.H. inlet S	outlet N
		S.	Rim	13939	Rim 13939	13939
		N.	Rim	13939	Meas. 675	677
					Top Pipe 132.64	132.62
					Diam 67	67
					Inv. 131.97	Inv. 131.95
8+38.4				13941		⊼ Pvmt.
				13920		6.7 Pvmt.
				13894		12.4 Gut out
				13882		13.4 Gut. in
				13941		" Top cb.
				13977		24.7 back Walk
				13947	4° ℄ pvmt.	
				13924	11.5 pvmt.	
				13890	22° Gut. out	
				13877	23° Gut. in	
				13938	" Top cb.	
				13972	34.6 back walk	
9+00				13951		⊼ pvmt.
9+ 26.86	∡ pt.	+P.		13961		⊼ pvmt.

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 3304 Pg. 205
X-Sec. No. ____ Date ____ Date ____ Survey of N Santa Fe Springs Line B.
Notes Chkd. ____ Checked ____ Survey by ____ Notes D.L.R. Date 6-65
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. Greening	↑ Ave Rt
9+38.4				13960		↑ Prmt
				13942		8° Prmt.
				13902		16³ Gut. out.
				13890		17³ Gut. in.
				13954		17³ Top Cb.
				13987		28⁵ back Walk
				13961	1° ℄ Prmt.	
				13936	10° Prmt.	
				13897	18⁴ Gut. out.	
				13887	19⁴ Gut. in	
				13951	19⁴ Top cb.	
				13982	30⁹ back Walk	
10+00				13967		↑ Prmt.
10+58⁵				13983		↑ Prmt.
				13967		8⁵ Prmt.
				13920		16³ Gut. out
				13908		17³ Gut. in
				13978		" Top cb.
				14000		28⁸ back Walk
				13993	2° ℄ Prmt.	
				13965	9⁵ Prmt.	

F.B. 3304 Pg. 206 Job No. 6112.11 Division No. 11 Notes Red Date 6-65 Plotted Date No. Profile
Survey of N. Santa Fe Springs Notes Chkd. Checked No. X-Sec.
Survey by D.L.B. Notes Burkholder Date Date
Indexed [illegible] Date

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6112 Division No. 11 Survey of N. Santa Fe Springs Line B Survey by Notes Date Map No. Indexed Date F. B. 3308 Pg. 207

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & W. Greening	↑ Ave.	Rt & E
10+58.5				13924	18° Gut. out		
				13915	19° Gut. in		
				13980	" Top Cb.		
				14010	30⁵ back Walk.		
11+08.39 N. = 1+00 W.		Int. Greening Ave & Anola St.		14003		↑ S.M.H.	outlet
			S. Rim	14003	Rim 14003	Inlet S 14003	Inlet W 14003
			N. Rim	14003	Meas. 915	890	913
					Top Pipe 13088	13113	13085
					Diam 67	67	6"
					Inv. 130.21	13046	130.18
	Going West on Anola st.				Lt & S. Anola	↑ St.	Rt & N.
11+08.39 N. = 1+00 W.				14003		↑ M.H. Cover	
1+55.0				14004		↑	
				13968	9° Pvmt.		
				13925	17° Gut. out		
				13920	18° Gut. in		
				13981	18° Top Cb.		
				14021	29⁵ back Walk		
1+85.0				14001		↑ Pvmt.	
				13982		9° Pvmt.	
				13950		17' Gut. out.	

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F.B. 3304 Pg. 208 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B Date 6-25 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & S. Anola	↑ St. Rt. & N.
1+85.6				13928	18' Gut. in	
				13990	18' Top cb.	
				13410	29' back walk	
3+49.5					out Let E.	↑ S.M.H.
		E.	Rim	13994	Rim 139.94	
		W.	Rim	13991	Meas. 8.22	
					Top Pipe 131.72	
					Diam. .67	
					Inv. 131.05	
B.M. S.D. 1237				139.80	B.M. S.D. 1237 El. = 139.786 F.B. 3304-142	
					Greening Ave & Anola St. S.W. Cor. 7' So. of	
					So. Cb. Ret. Bt. Spk in Ld.	
	Going North on Greening Ave.				Lt. & W. Greening	↑ Ave Rt. & E.
11+08.39				14003	~~Int Greening Ave~~ / ANOLA St	
11+93.0				14012		↑ Pvmt.
				13998		6' Pvmt.
				13950		14' Gut. out
				13937		15' Gut. in
				13998		15' Top cb.
				14030		26' back walk

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & W. Greening	↑ Ave. Rt. & E.
11+93.0				14015	3^{3} ℄ Pvmt.	
				13985	12^{3} Pvmt.	
				13952	20^{4} Gut out	
				13937	21^{4} Gut. in	
				14000	21^{4} Top cb.	
				14030	32^{9} back walk	
12+33.0				14024		↑ Pvmt
				13985		8^{4} Pvmt.
				13955		15^{8} Gut. out
				13946		16^{8} Gut. in
				14010		" Top cb.
				14034		28^{6} back walk
				14030	1^{0} ℄ Pvmt.	
				14003	9^{2} Pvmt.	
				13964	18^{5} Gut. out	
				13951	19^{5} Gut. in	
				14013	" Top cb.	
				14050	30^{9} back walk	
12+54.21	4 Pt.			14036		↑ Pvmt.
13 [illegible] +00				14039		↑ Pvmt.
"				14045	2^{0} ℄ Pavt	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 3304 Pg. 202
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line B
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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F.B. 3304 Pg. 210 | Job No. 6112.11 | Division No. 11 | Notes Red | Plotted | Profile
Survey of N. Santa Fe Springs Line B. | Date 6-65 | Date | No. | X-Sec.
Survey by D.L.B. | Notes Burkholder | Notes Chkd. | Checked | No.
Indexed F. J. GALLI | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	Lt & W. Greening	↑ Arc. Rt. & E.
13+33.0				14045		↑ Prmt.
				14017		7^{4} Prmt
				13980		13^{8} Gut. out
				13971		14^{8} Gut. in
				14031		" Top cb.
				14055		26^{5} back walk
				14053	2^{0} ℄ Prmt	
				14027	10^{7} Prmt.	
				13987	20^{4} Gut. out.	
				13972	21^{4} Gut. in	
				14036	" Top cb.	
				14064	32^{8} back walk.	
13+52.5				14048		↑ Prmt.
				14018		7^{5} Prmt.
				13982		14' Gut. out
				13971		15' Gut. in
				14030		" Top cb.
				14067		26^{6} back walk
				14055	1^{0} ℄ Prmt.	
				14033	10^{5} Prmt	
				13988	19^{5} Gut. out.	

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Greening	⊼ Ave.	Rt. & E.
13+52.5				13977	20.9 Gut. in		
				14042	" Top cb.		
				14071	32.4 back Walk		
13+83.5					5.5 S.M.H. Inlet S	Inlet W.	Outlet N.
		S.	Rim	14053	Rim 14053	140.53	140.53
		N.	Rim	14053	Meas. 10.40	10.17	10.17
					Top pipe 13013	13036	13036
					Diam. 67	83	83
					Inv. 129.46	129.53	129.53
13+99.92 N.=1+00 W.	Int. Greening Ave. & Mystic St.			14055		⊼ Pvmt.	
	Going West on Mystic St.				Lt. & S. Mystic	⊼ St.	Rt. & N.
13+99.92 N.=1+00 W.	Int.			14055		⊼ Pvmt.	
1+15.0				13994		⊼ Edge Conc. Gut.	
1+18.0				13985		⊼ F.L. " "	
1+21.0				13992		⊼ Edge " "	
1+50.2				14067		⊼ Pvmt.	
				14055	9.1 Pvmt.		
				14025	16.7 Gut out.		
				14015	18.3 Gut. in		
				14080	18.3 Top cb.		
				14110	29.7 back Walk		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6117 Division No. 11 F.B. 3304 Pg. 211
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line B
Notes Chkd. ____ Checked ____ Survey by D.I.B. Notes D.I.B. Date 6-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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F.B. 3304 Pg. 212 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile No.
Survey of N. Santa Fe Springs Line B Date 6-65 Date X-Sec. No.
Survey by P.L.B. Notes Burkholder Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & S. Mystic	↑ st. Rt & N.
1+63.0				14088		↑ Pvmt.
				14072		9° Pvmt.
				14040		16¹ Gut. out.
				14027		17² Gut. in
				14091		17³ Top cb.
				14120		29⁴ back walk
1+90.2				14091		↑ Pvmt.
				14080		9° Pvmt.
				14040		17° Gut. out.
				14025		18° Gut. in
				14087		18° Top cb.
				14110		29⁵ back walk
				14070	9¹ Pvmt	
				14028	17² Gut out.	
				14015	18³ Gut in	
				14081	18³ Top cb.	
				14110	29⁷ back walk	
2+90.2				14090		↑ Pvmt.
				14077		9° Pvmt
				14043		17° Gut. out
				14035		18° Gut in

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & S. Mystic	St. Rt. & N
2+90.2				140 97		18° Top cb.
				141 20		29° back walk
				140 70	9' [illegible]	
				140 24	17² Gut. out	
				140 15	18² Gut. in	
				140 77	18² Top cb.	
				141 00	29² back walk	
3+63°					12° S.M.H. outlet E.	
		E.	Rim	140 45	Rim 140.45	
		W.	Rim	140 45	Meas 9.38	
					Top pipe 131.07	
					Diam 0.83	
					Inv. 130.24	
3+72°					outlet E.	12° S.M.H.
		E.	Rim	140 42	Rim 140.41	
		W.	Rim	140 40	Meas 9.86	
					Top pipe 130.55	
					Diam 2.25	
					Inv. 128.30	
B.M. S.D. 1238				140. 42	B.M.S.D. 1238 Adj. El. = 140 420, F.B. 3304 [illegible], Gre[illegible] Ave & Mystic st. S.W. Cor. Bt. Sp[illegible] 5' So. of [illegible] Cb. Ret	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____ Line B
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. ____ Pg. 213

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt & W Greening		Ave Rt & E
	Going No. on Greening Ave						
13+99.92 No.				140 55			Pvmt.
14+11 5							0.80 S.M.H. J.C.
					Inlet So.	Inlet No.	Inlet W. / outlet E.
		S.	Rim	140 59	Rim 140.59	140.59	140.59 / 140.59
		N.	Rim	140 59	Meas. 10.48	10.50	10.26 / 10.35
					Top Pipe 130.11	130.09	130.33 / 130.24
					diam 0.83	0.83	2.25 / 2.25
					Inv. 129.28	129.26	128.08 / 127.99
14+11 5' Approx					W. Inlet.		267 Approx S.M.H.
		W.	Rim	140 25	Rim 140.25		
		E.	Rim	140 25	Meas 10.30		
					Top Pipe 129.95		
					diam 2.25		
					Inv 127.70	W. Inlet.	
14+43.0					Inlet N.	outlet S.	2 3 S.M.H.
		S.	Rim	140 58	Rim 140.58	140.58	
					Meas 8.50	8.50	
		N.	Rim	140 59	Top Pipe 132.08	132.08	
					diam 0.83	0.83	
					Inv. 131.25	131.25	
14+59 5				140 58			Pvmt
				140 40			7 3 Pvmt
				140 08			13 6 Gut out
				139 96			14 0 Gut in

F.B. 3304 PG. 214 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B. Date 6-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed C. J. GALLI Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Greening ⊼	Ave Rt. & E.
14+59.5				14057		" Top cb.
				14093		26° back walk.
				14059	2° ℄ Prmt.	
				14039	3° Prmt.	
				14010	11° Gut. out	
				13997	21.6 Gut. in	
				14064	" Top cb.	
				14085	33° back walk	
14+ 99.5				14073		⊼ Prmt.
				14055		7.4 Prmt.
				14018		13.8 Gut. out
				14007		14.8 Gut. in
				14067		" Top cb.
				14100		26' back walk
				14073	2° ℄ Prmt.	
				14060	10.6 Prmt.	
				14031	20.2 Gut. out	
				14020	21.2 Gut. in	
				14087	" Top cb.	
				14118	32.8 back walk.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6112-11 Division No. 11 F.B. 3304 Pg. 215
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line B
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 1-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. I. GALLI Detail [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Greening	Ave. Rt. & E.
15+53.40	∡Pt			14084		⊼ Prmt.
15+99.5				14108		⊼ Prmt.
				14102		9.2 Prmt.
				14055		17.4 Gut. out
				14040		18.4 Gut in.
				14103		18.4 Top cb.
				14134		29.9 back Walk
				14087	8.9 Prmt.	
				14046	16.7 Gut out.	
				14037	17.7 Gut. in.	
				14100	17.7 Top cb.	
				14137	29.2 back Walk	
17+00	T.P.			14135		⊼ Prmt.
17+09.5					INLet N	⊼ S.M.H. outLet S.
		S. Rim		14142	Rim 14142	14142
		N. Rim		14142	Meas 823	827
					Top Pipe 13319	13315
					Diam. 83	83
					Inv. 132.36	132.32
18+00				14156		

F.B. 3304 Pg. 216 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N Santa Fe Springs Line B Date 6-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Greening	⊼ Ave Rt. & E.
19+00				14182		⊼ Pvmt.
20+00				14207		⊼ Pvmt.
				14190		9^{1} Pvmt.
				14147		17^{3} Gut. out.
				14137		18^{3} Gut. in.
				14199		18^{3} Top cb.
				14222		29^{8} back Walk
				14190	8^{9} Pvmt.	
				14151	16^{8} Gut. out	
				14137	17^{8} Gut. in	
				14200	17^{8} Top cb.	
				14235	29^{3} back Walk	
$20+59^{5}$					Inlet N	⊼ S.M.H. Outlet
		S.	Rim	14223	Rim 142.23	142.23
		N.	Rim.	14223	Meas. 752	761
					Top Pipe 134.71	134.62
					Diam 83	83
					Inv. 133.88	133.79
B.M.S.D. 1239				14195	B.M.S.D. 1239 Adj. El. = 141.946 F.B. 3304-141 Greening Ave W. Side 550± So. of Badminton Ave. Bt. Spk in Cb. @ Hse # 9509	
21+00				14229		⊼ Pvmt.
22+00				14246		⊼ Pvmt.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F.B. 3304 Pg. 217
Date ____ Date ____ Survey of [illegible] Line B
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C. J. [illegible] Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Greening	Ave. Rt. & E.
23+00				14271		Pvmt.
23+59.5					Inlet N	S.M.H. outlets
		S.	Rim	14292	Rim 14292	14292
		N.	Rim	14292	Meas. 688	700
					Top Pipe 13604	13592
					Diam. 83	83
					Inv. 135.21	135.11
24+00				14287		Pvmt.
24+34.5				14302		Pvmt.
				14286		9° Pvmt.
				14242		17' Gut. out
				14232		18' Gut. in
				14290		18' Top cb.
				14317		29.6 back Walk
				14288	9° Pvmt.	
				14238	17° Gut out	
				14230	18° Gut. in	
				14290	18° Top cb	
				14322	29.5 back Walk	
24+87.13 N. = 1+00 E. & W.		Int. Greening Ave Badminton & Firebird.		14338		Pvmt.

F.B. 3304 Pg. 218 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B. Date 6-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed C. A. GALLI Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Firebird	Ave. Rt. & S.
		Going East on Firebird Ave.				
24+87.13 N. = 1+00 E.				14338		Pvmt.
1+15.0				14263		Edge Conc. Gut.
1+17.0				14258		F.L. Conc. Gut.
1+19.0				14263		Edge Conc. Gut.
1+58.0				14332		Pvmt.
				14304		7⁵ Pvmt.
				14268		14° Gut. out
				14256		15° Gut. in
				14211		15° Top cb.
				14343		26⁵ back Walk
				14317	7⁵ Pvmt.	
				14284	14° Gut. out	
				14275	15° Gut. in	
				14337	15° Top cb	
				14364	26⁵ back Walk	
		Going West on Badminton Ave.			Lt. & S. Badminton	Ave. Rt. & N.
24+87.13 N. = 1+00 W.				14338		Pvmt.
1+54.7				14337		Pvmt.

Profile No. ___ Notes Red ___ Plotted ___ Job No. ___ Division No. 11 F.B. 3304 Pg. 219
X-Sec. No. ___ Date ___ Date ___ Survey of N. Santa Fe Springs Line B.
Notes Chkd. ___ Checked ___ Survey by ___ Notes ___ Date ___
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

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F.B. 3304 Pg. 220
Survey of N. Santa Fe Springs Line B
Survey by D.L.B. Notes Barkhalter
Indexed C. J. GALLI Date
Job No. 6112.11 Division No. 11 Notes Red Date 6-65 Notes Chkd. Date
Plotted Date Checked Date
Profile No. X-Sec. No.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & S. Badminton	↑ Ave	Rt. & N.
1+54.7				14322			7.5 Pvmt.
				14297			14° Gut. out
				14280			15° Gut. in
				14347			15° Top cb.
				14372			26.5 back walk
				14326	7.5 Pvmt.		
				14297	14° Gut out		
				14284	15° Gut. in		
				14346	15° Top cb.		
				14376	26.5 back walk		
B.M.S.D. 1240				14293	B.M. S.D. 1240, Adj. El. = 142.93, F.B. 3304-141, Greening Ave. & Badminton Ave., S.W. Cor. Bt. Spk in Ld. 5± So. of So. Cb. Ret.		
	Going North on Greening Ave.				Lt. & W. Greening.	↑ Ave	Rt. & E.
24+87.13				14338		↑ Pvmt.	
25+38.5				14378		↑ Pvmt.	
				14345			9° Pvmt.
				14302			17' Gut. out
				14293			18' Gut. in
				14358			18' Top cb.
				14385			29.6 back walk
				14360	9° Pvmt		
				14316	17° Gut out		

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Greening		Ave Rt. & E.	
25+38.5				14303	18° Gut. in			
				14359	18° Top cb.			
				14388	29⁵ back Walk			
25+92.3				14432			Prmt.	
				14407			9° Prmt.	
				14363			17' Gut. out	
				14352			18' Gut. in	
				14417			18' Top cb.	
				14447			29⁶ back Walk	
					9° Prmt.			
					17° Gut. out			
					18° Gut. in			
					18° Top cb.			
					29⁵ back Walk.			
26+20°						inlet N	S.M.H. inlet E.	outlet E
		S.	Rim	14463	Rim	14464	14464	14462
		N.	Rim	14466	Meas.	742	750	754
					Top Pipe	13722	13714	13710
					Diam	83	67	83
					Inv.	136.39	136.47	136.27

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 3304 Pg. 221
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line B
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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F.B. 3304 Pg. 222 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Line B Date 6-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkhalter Notes Chkd. Checked
Indexed G. GALLI Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & N. ALLEY	Rt. & S.
	Going East on Alley					
26+24.18 N. = 1+00 E.				14468		Int. Greening Ave. & Alley
1+17°				14400		Edge Conc. Gut.
1+18°				14392		F.L. Conc. Gut.
1+29				14453		Edge Conc. & F.L.
				14458		1.5 Edge Conc. Gut.
				14470		10° Edge Prmt. & Top Cb.
				14458	1.5 Edge Conc. Gut.	
				14476	10° Edge prmt. & Top Cb.	
2+29				14478		F.L. Conc. Gut.
				14482		1.5 Edge Conc. Gut.
				14502		10° Edge Prmt.
				14482	1.5 Edge Conc. Gut.	Rim 145.20
				14504	10° Edge Prmt.	Meas 6.72
						Top Pipe 138.48
						diam 0.67
4+49		W	Rim			5° S.M.H. inv. outlet W 137.81
		E.	Rim			
	Going North on Greening Ave.				Lt. & W. Greening	Ave. Rt. & E
26+24.18 N.				14468		Int. Greening Ave & Alley
26+56				14507		Prmt
				14484		9° Prmt
				14447		17° Gut. out
				14432		18° Gut in

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STATION	B. S.	H. I.	F. S.	ELEV.	H & W. Greening	Ave. Rt. & E
26+56.2				14491		18° Top cb.
				14521		29° back Walk
				14480	9° Pvmt.	
				14440	17° Gut. out.	
				14428	18° Gut in	
				14491	18° Top cb.	
				14522	29.5 back Walk	
27+08°				14576		Pvmt.
				14542	9° Pvmt.	
				14494	17° Gut. out	
				14483	18° Gut. in	
				14550	18° Top cb.	
				14576	29.5 back Walk	
27+39°				14613		Pvmt.
				14598		9° Pvmt.
				14550		16° Gut. in
				14530		18° Gut out.
				14627		18° Top cb @ outlet structures
				14670		29.5 back Walk

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____ Survey of N Santa Fe Springs Line B
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date 6-69
Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3304 Pg. 223

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Greening	↑ Ave. Rt. & E.
27+60.8				14680		24^3 Top Steel Plates
				14530		24^3 F.L.
27+73.6				14701		38° Top steel Plates
				145.7		38° F.L.
28+26.27N=1+00 E&W.				14737		↑ Int. Greening Ave. & Mulberry Dr.
	Going East on Mulberry Dr.				Lt. & N. Mulberry	℄ Dr. Rt. & S.
28+26.27N=1+00E				14737		℄ Int.
1+54°				14765	86^3 Top Steel Plates	
"				1461	86^3 F.L.	
1+60.7				14782		℄ Prmt.
				14764		19° Prmt.
				14700		34^8 Gut out.
				14635		38° Gut in @ C.B.
				14723		38° Top cb. @ C.B.
				14725		49^5 back Walk
				14793	19° Prmt.	
				14760	36° Gut out	
				14742	38° Gut in	
				14807	38° Top cb.	
				14775	52° Top cb.	
				14727	52° Gut in.	

F.B. 3304 Pg. 224 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B. Date 6-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed C. J. GALLAGHER Date Date Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Mulberry ℄	Dr. Rt. & S.
1+60.7				14725	53° Gut. out.	
				14725	59° Prmt.	
				14720	66° ℄ Prmt.	
				14711	73° Prmt.	
				14707	77° Gut out	
				14648	80° Gut in @C.B.	
				14747	80° Top cb. @C.B.	
				1477	92° P/L.	
2+00.7				14812		℄ Prmt.
				14787		19° Prmt.
				14690		36° Gut. out
				14665		38 " "
				~~17730~~	147.30	" top cb
				14758		49° back Wall.
				14810	19° Prmt.	
				14771	36° Gut. out	
				14757	38° Gut. in	
				14819	38° Top cb.	
				14787	52° Top cb.	
				14742	52° Gut in	
				14745	53° Gut out.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 3304 Pg. 225
Date ____ Date ____ Survey of N. Santa Fe Springs Line B.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JL 2-8-63

76-L-298 CE 307 2-63

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F.B. 3304 Pg. 226 | Job No. 6112.11 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of N. Santa Fe Springs Line B | Date 6-65 | Date | No.
Survey by D.L.B. | Notes Barkhalter | Notes Chkd. | Checked | X-Sec.
Indexed G. J. GALLI | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Mulberry	℄ Dr.	Rt. & S.
2+00.7				14738	59° Prmt.		
				14727	66° ℄ Prmt.		
				14707	73° Prmt.		
				14695	79° Gut out.		
				14681	80° Gut in		
				14744	20° Top cb.		
				1477	92° P/L.		
3+00.7				14845		℄ Prmt.	
				14821		19° Prmt.	
				14719		36° Gut. out	
				14701		38° Gut. in	
				14763		38° Top cb.	
				14797		49° back walk	
				14830	19° Prmt.		
				14791	36° Gut. out.		
				14777	38° Gut in		
				14838	38° Top cb.		
				14820	52° Top cb.		
				14770	52° Gut. in		
				14772	53° Gut. out.		
				14766	59° Prmt.		

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Mulberry	& Dr. Rt. & S.
3+00.7				14752	66° & Pvmt.	
				14734	73° Pvmt.	
				14718	79° Gut. out.	
				14710	80° Gut. in	
				14772	80° Top cb.	
				1480	92° P/L.	
3+89.5					74° S.M.H. outlet & in	
		W.	Rim	14750	Rim 14750	
		E.	Rim	14750	Meas. 6 47	
					Top Pipe 141 03	
					Diam. 67	
					Inv. 140.36	
	Going West on Mulberry Dr.				Lt. & S. Mulberry	& Dr. Rt. & N.
28+26.27=1+00W				14737		& Int. Laurel Av Greening Ave & Mulberry
1+52.6				14725		& Pvmt.
				14712		19 g Pvmt.
				14638		37 g Gut. out.
				14624		39 g Gut. in
				14686		39 g Top cb.
				14754		51 g Top cb.
				14707		51 g Gut. in

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line B.
Notes Chkd. ____ Checked ____ Survey by ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____ Notes ____ Date ____

F. B. 3304 Pg. 227

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & Sa Mulberry	℄ Dr. Rt. & N.
1+52.6				14705		52.8 Gut. out
				14705		58.8 Prmt.
				14702		65.9 ℄ Prmt.
				14686		72.9 Prmt.
				14671		79.0 Gut. out.
				14660		80.0 Gut. in
				14722		80.0 Top Cb.
				14745		91.5 back Walk
				14723		℄ Prmt.
1+60.0				14685	20.4 Prmt.	
				14571	39.9 Gut out	
				14555	40.9 Gut in	
				14620	40.9 Top cb.	
				14586	52.1 Top cb.	
				14540	52.1 Gut in	
				14543	53.1 Gut. out	
				14542	59.1 Prmt.	
				14530	66.1 ℄ Prmt.	
				14510	73.2 Prmt.	
				14496	79.2 Gut. out.	
				14484	80.2 Gut. in	
				14547	80.2 Top cb.	

F.B. 3304 Pg. 228 Job No. 6112.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Line B. Date 6-65 Date No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked X-Sec.
Indexed C. J. GALL Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & So. Mulberry ℄ Dr. Rt. & N.
1+60.0				14581	91.7 back Walk
	Going North on Laurel Ave.				Lt. & W. Laurel ↑ Ave. Rt. & E.
28+26.27 N.				14737	↑ Int. Greening Ave Laurel Ave & Mulberr Dr.
28+36.18				14742	↑ 4 Pt.
28+74.5				14714	↑ Prmt.
29+01°					12° S.M.H.
		S	Rim	14740	Rim — INLet N 147.42 — INLet E 147.42 — outlet S 147.42
		N.	Rim	14744	Meas. 7.32 — 7.21 — 7.28
					Top Pipe 140.10 — 140.21 — 140.14
					Diam. 67 — 76 — 83
					Inv. 139.43 — 139.45 — 139.31
29+17°				14762	24.5 Top Steel Plates
				1460	24.5 F.L.
29+46.9				14815	↑ Prmt.
				14784	10° Prmt.
				14728	16° Gut. out.
				14680	20° Gut. in @ C.B.
				14780	20° Top cb. @ C.B.
				14800	29.5 back Walk

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 3304 Pg. 229
X-Sec. No. ____ Date ____ Date ____ Survey of N Santa Fe Springs Line B
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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F.B. 3304 Pg. 230 Job No. 6112.11 Division No. 11 Notes Red. Plotted Profile No.
Survey of N. Santa Fe Springs Line B Date 6-65 Date X-Sec. No.
Survey by D.L.B. Notes Burkholder Notes Ckd. Checked
Indexed C. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Laurel	↑ Ave. Rt. & E.
29+46.9				14787	10° Pvmt.	
				14737	18° Gut out.	
				14722	20° Gut in.	
				14787	20° Top cb.	
				14811	29^{S} back Walk.	
29+86.9				14848		↑ Pvmt.
				14816		10° Pvmt.
				14755		18° Gut out
				14741		20° Gut in
				14804		20° Top cb
				14836		29^{S} back Walk
				14820	10° Pvmt.	
				14786	18° Gut out	
				14770	20° Gut in	
				14835	20° Top cb.	
				14851	29^{S} back Walk	
30+86.9				14965		↑ Pvmt.
				14937		10° Pvmt
				14894		18° Gut out
				14880		20° Gut. in
				14940		20° Top cb.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Laurel	Ave Rt. & E
30+86.9				14960		29.5 back Walk
				14941	10° Pvmt.	
				14930	18° Gut. out	
				14910	20° Gut. in	
				14975	20° Top cb.	
				14990	29.5 back Walk.	
32+49.5						14° S.M.H.
		S.	Rim	15136	Rim 151.38	
		N.	Rim	15140	Meas. 6.20	
					Top Pipe 145.18	
					Diam 0.67	
					Inv. So. outlet 144.51	
B.M. S.D. 1241				14548	B.M. S.D. 1241, Adj El. = 145.482, F.B. 3304-141	
					Mulberry Ave & Greening Ave, S.W. Cor. of Service	
					Rd. Bt. spk in Ld. 12 ± So. of So. Cb. Ret.	
			End Line "B"			

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6[illegible] Division No. 11 F.B. 3304 Pg. 231

X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs Line B.

Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3304 Pg. 232 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 2-63

Notes Ck'd by		Survey of N. Santa Fe Springs	F. B. 3304 PG. 233
Map No.		JN 6117.11 Tape 0242 Std 68 °F	
Office Work		Surveyed by Burkholder	
Checked		Notes D.L.B. Date 7-65	
Date		Indexed G. L. GALLI	

J.N. 6111.11

N. SANTA FE SPRINGS

STORM DRAIN

Preliminary Survey

on- Imperial Highway & Leffingwell Rd.
from- Shoemaker Ave
To- Fidel Ave

For Topography Pg# 241-246
For X-Sections Pg# 247-265

Burkholder
LeGault
Bankson
Rangel

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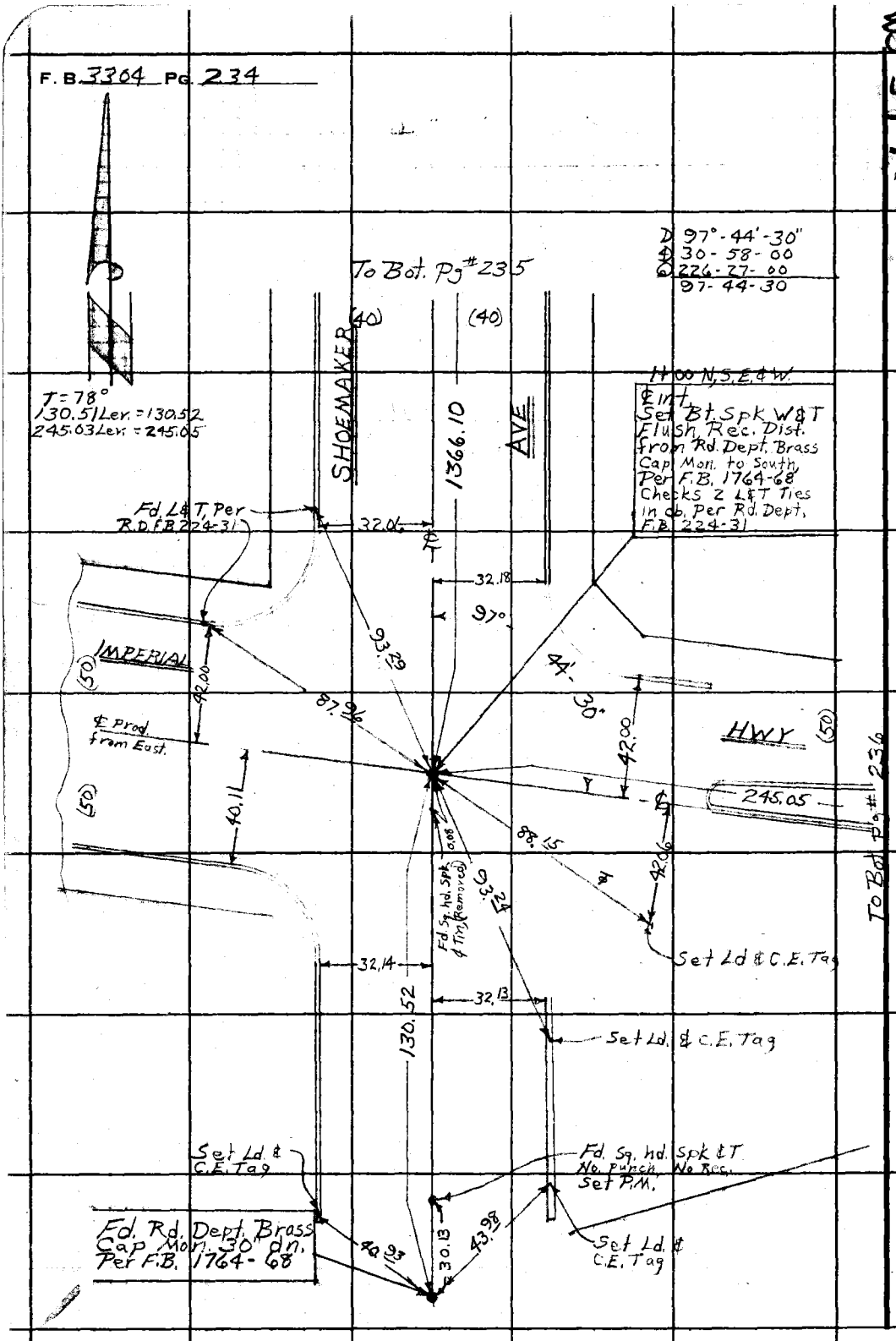
76F3095 CE #310 8-63

F. B. 3304 Pg. 234



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403 Los Angeles County Engineering Bld.
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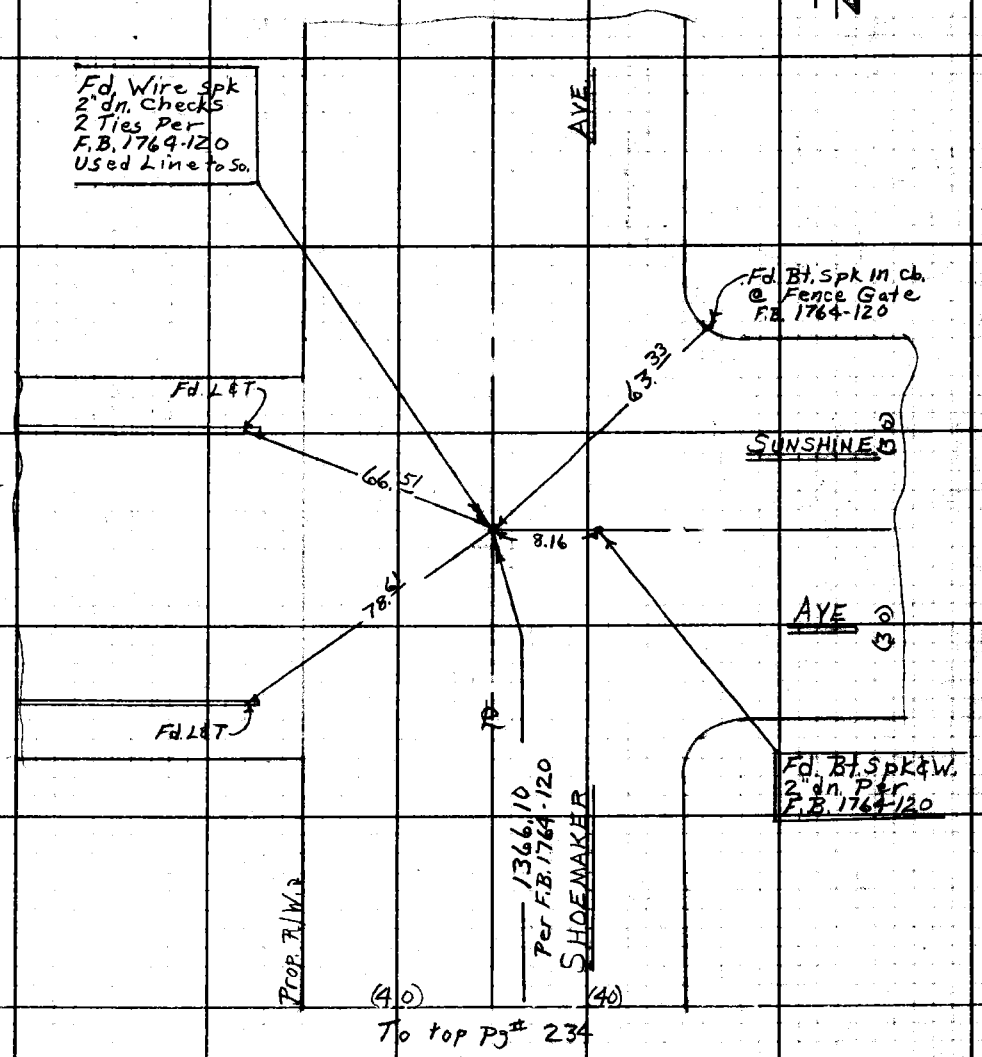
Notes Ck'd by	Survey of N. Santa Fe Springs
Map No.	JN 6111.11 Tape 0242 Std. 68 °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-65
Date	Indexed C. J. GALLI

F. B. 3304 Pg. 235

W.C. 34 A-3



To top Pg# 234

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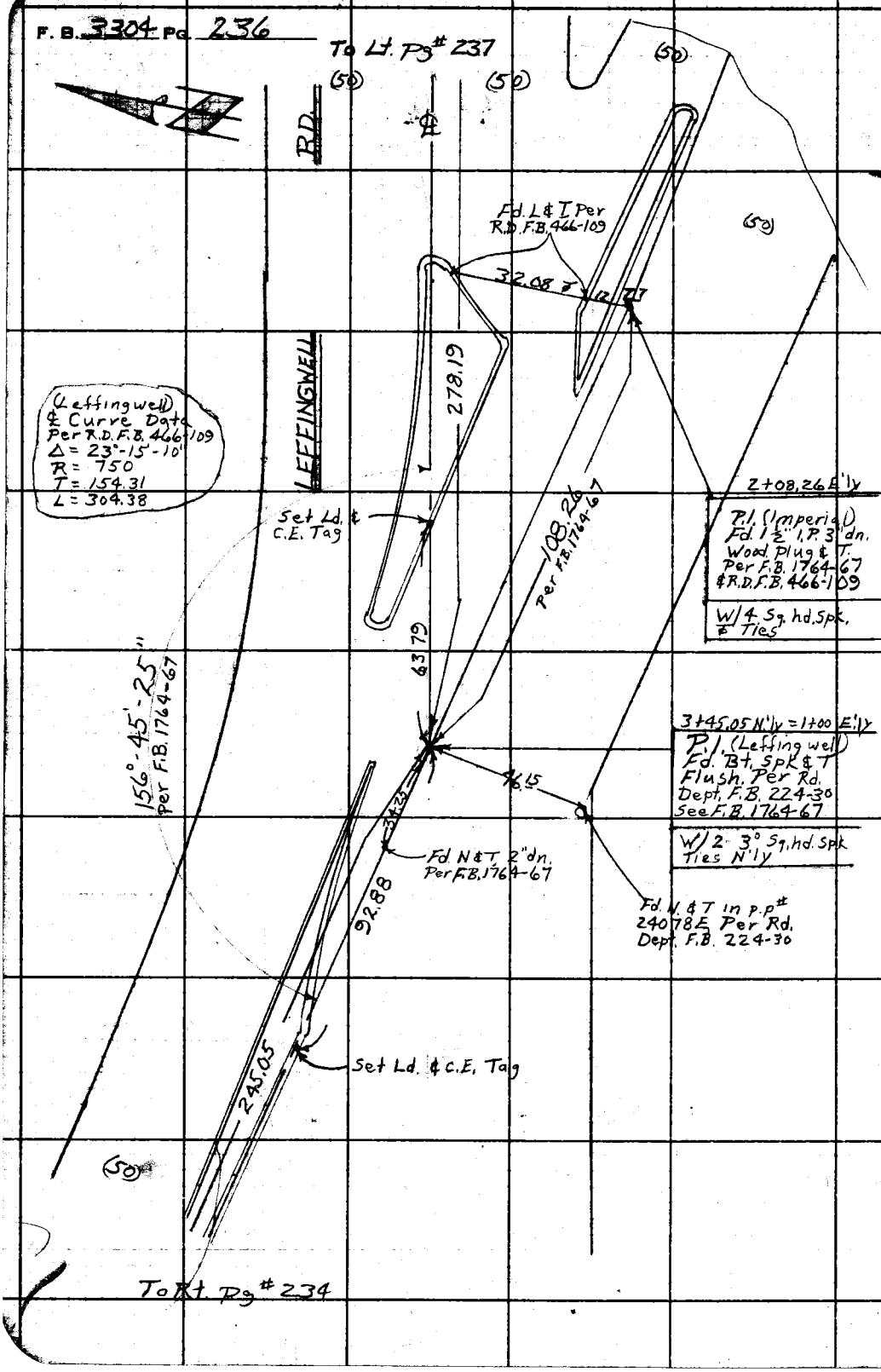
700 LOS ANGELES COUNTY ENGINEERING BL

76F309S S&E #247 11-58

F. B. 3304 Pg. 236



WS 34 A-3

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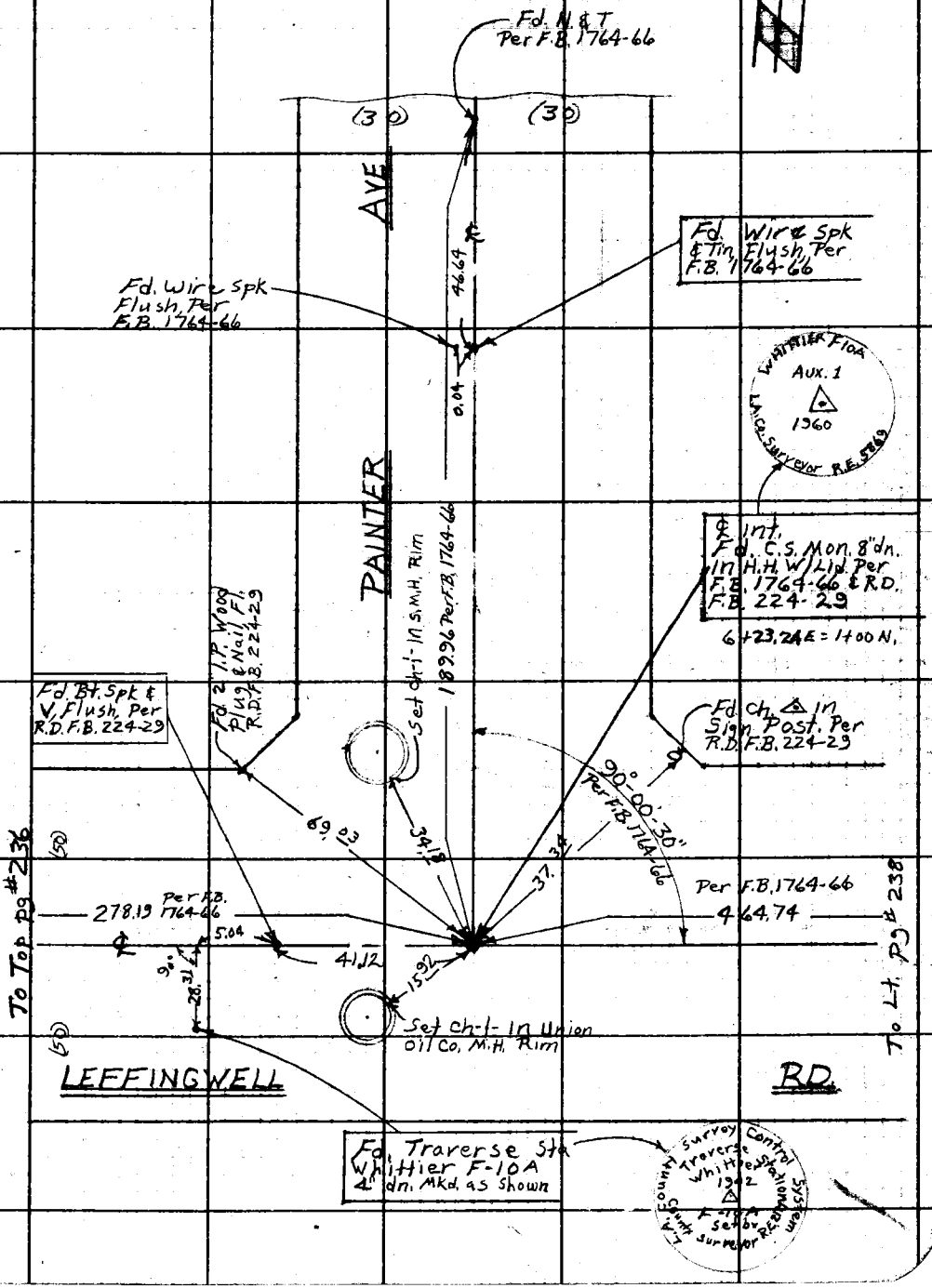
Notes Ck'd by	Survey of N. Santa Fe Springs	F. B. 3304 Pg. 237
Map No.	JN 6111.11 Tape 0242 Std 68 °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 7-65	
Date	Indexed C. J. GALLI	



W.S.-34 A-3

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Do not extend [illegible] of this line.

PLEASE RETURN TO
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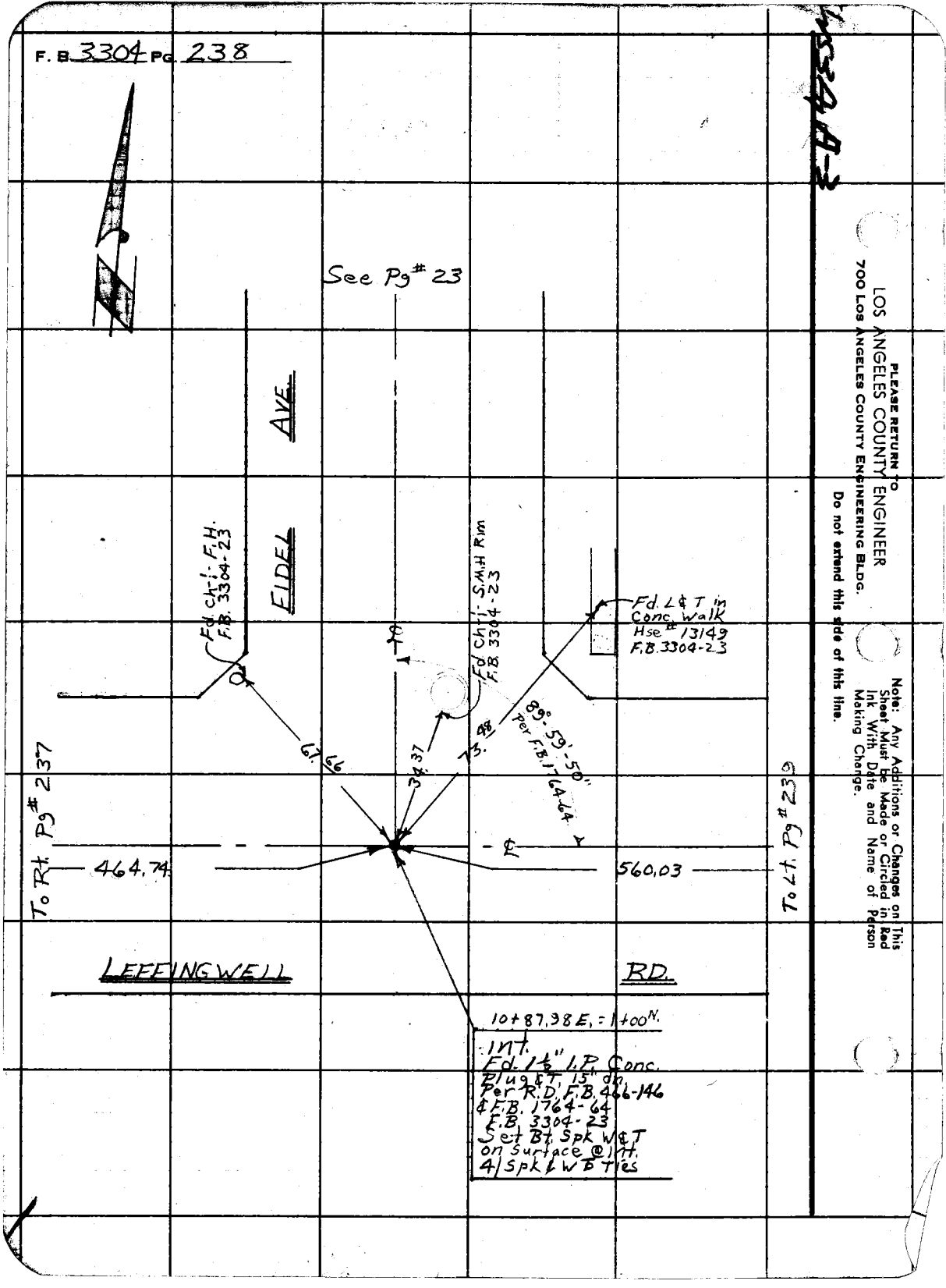
76F309S S&E #247 11-58

F. B. 3304 Pg. 238



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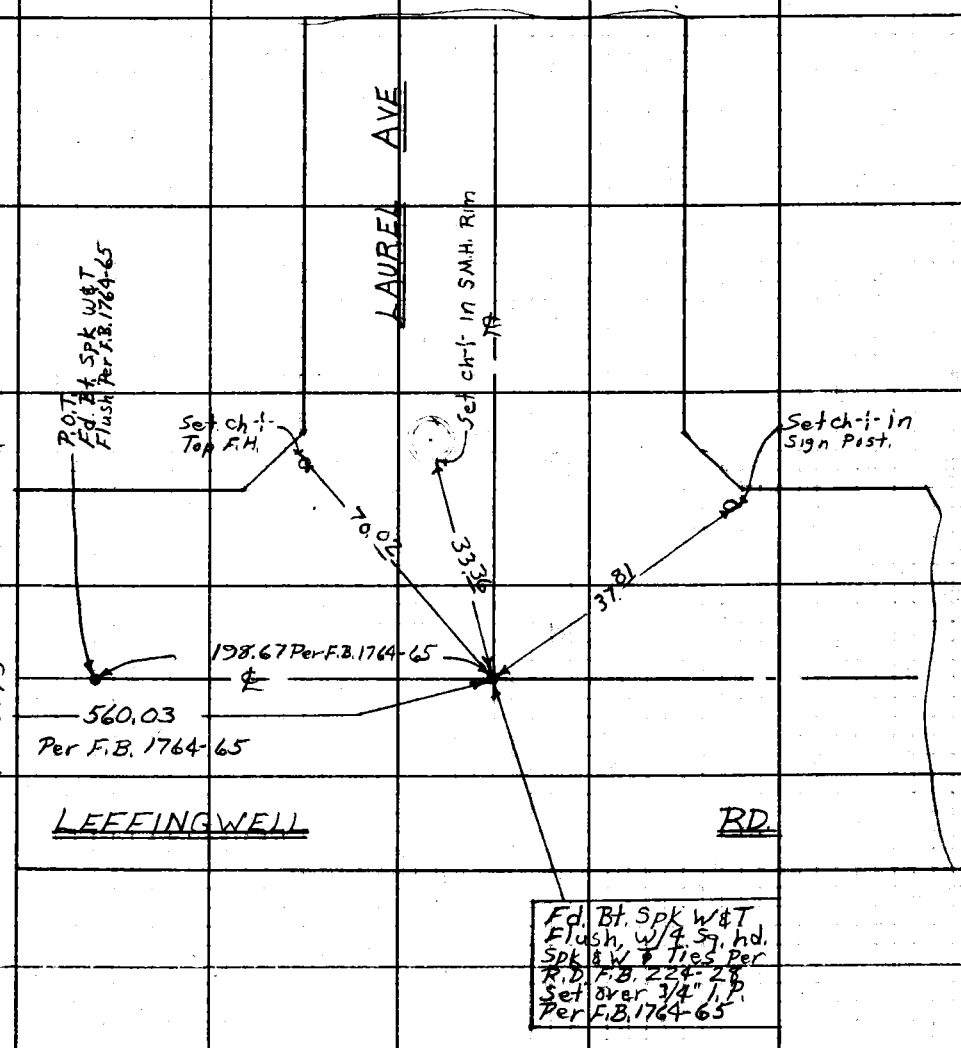
Notes Ck'd by	Survey of N. Santa Fe Springs	F. B. 3304 Pg. 239
Map No.	JN 6111.11 Tape 0242 Std 68 °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 7-65	
Date	Indexed C. J. GALLI	

W.S. 34, A-3



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76F309S S&E #247 11-58

F. B. 3304 PG. 240

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Notes Ck'd by	Survey of N. SANTA FE SPRINGS SD
Map No.	JN 6111.11 Tape Std °F
Office Work	Surveyed by BURKHOLDER
Checked	Notes LC GAULT Date 1965
Date	Indexed C. J. GALLI

F. B. 3304 PG. 241

J.N. 6111.11

N. SANTA FE SPRINGS STORM DR.

ON IMPERIAL HWY & LEFFINGWELL RD

FROM - SHOEMAKER AVE - 1+00
to - FIDEL AVE - 10+87.98

PARTY
BURKHOLDER
LC GAULT
BANKSON
RANGEL

DATE
1965
JULY.

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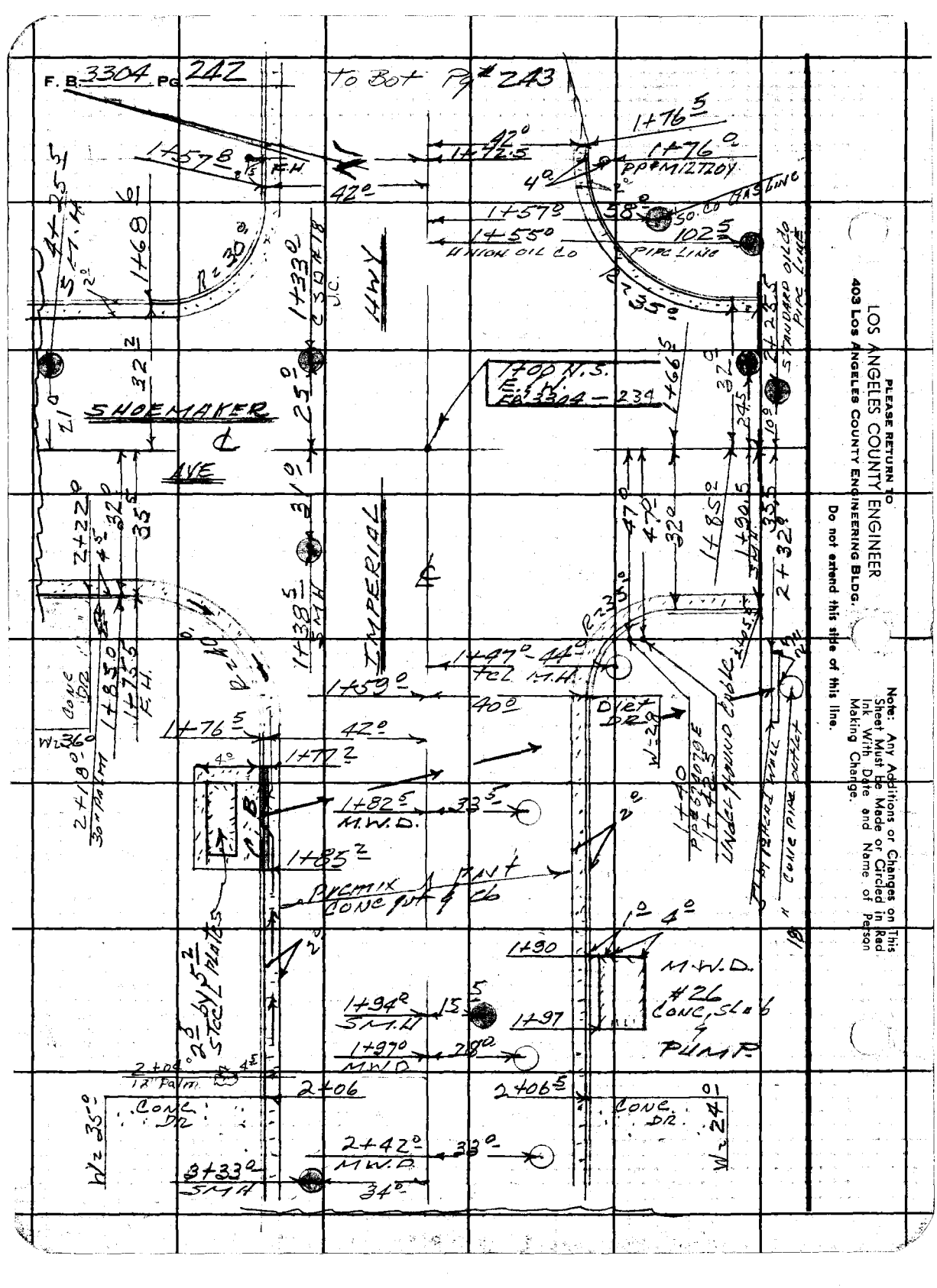
76F309S CE #310 6-63

F. B. 3304 PG 242

To Bot Pg # 243



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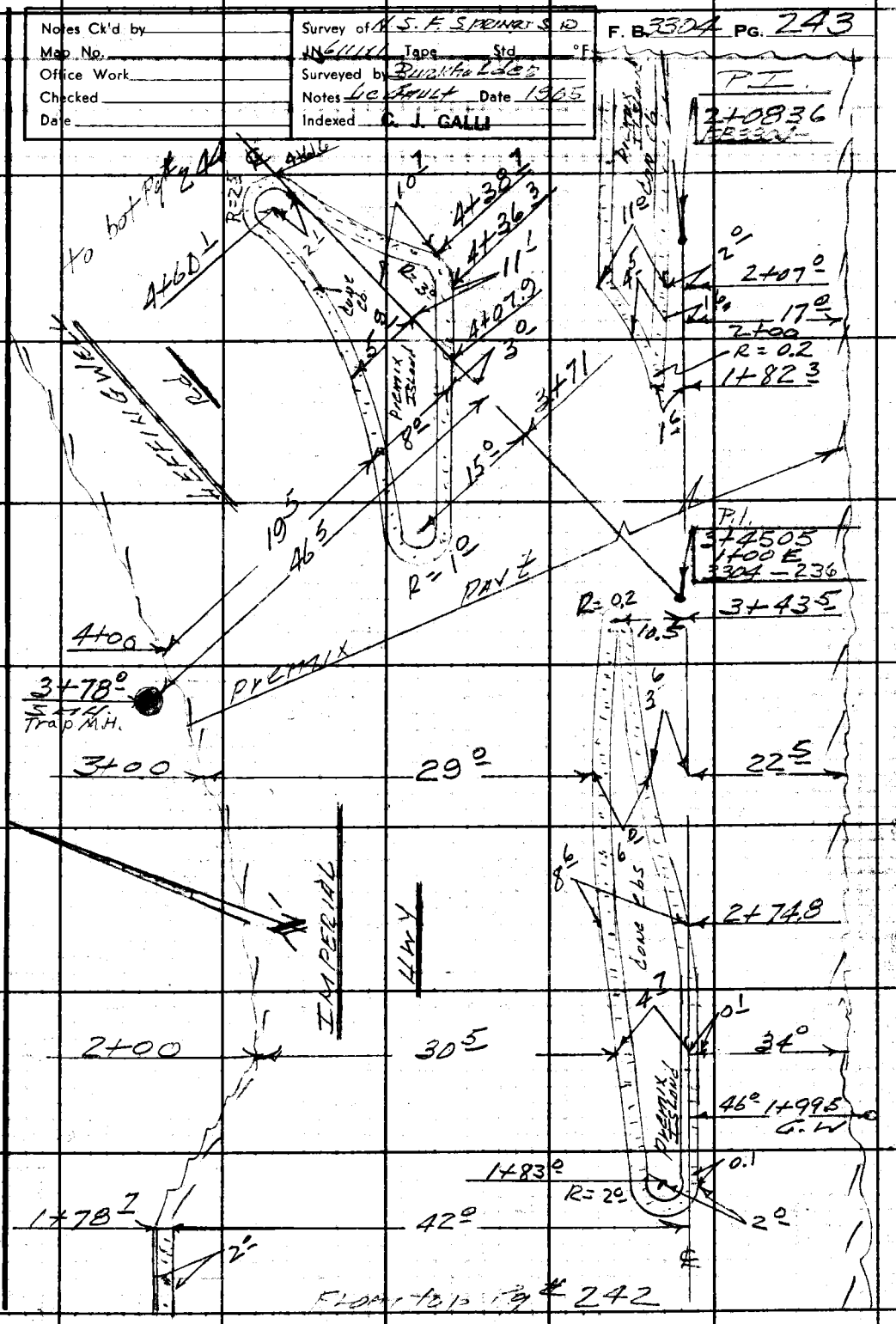
Notes Ck'd by	Survey of N.S.F. Springs Sd
Map No.	JN 611111 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes Le Gault Date 1965
Date	Indexed C. J. GALLI

F. B. 3304 Pg. 243



Flow to Pg # 242

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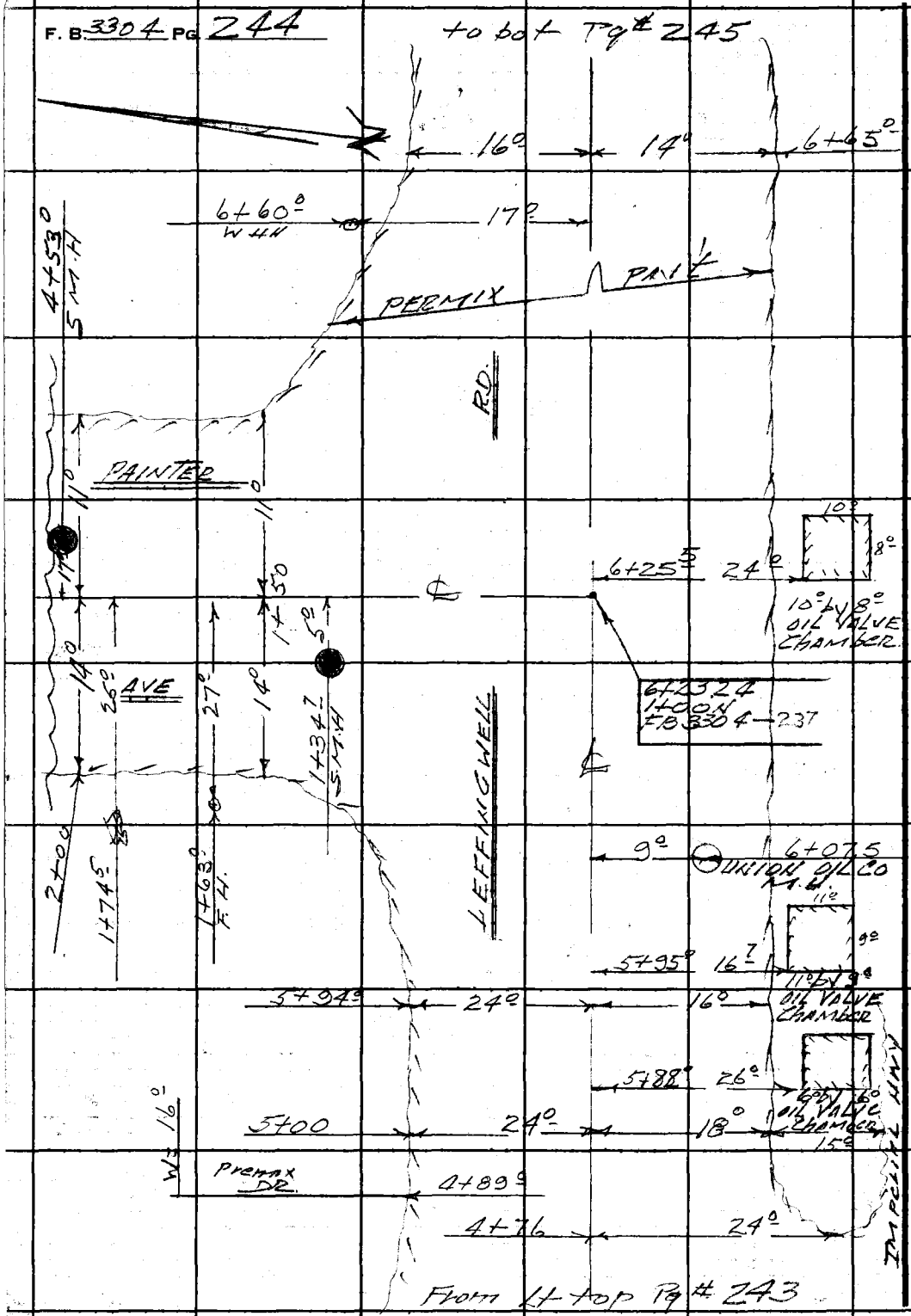
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #310 6-63

F. B. 3304 Pg. 244



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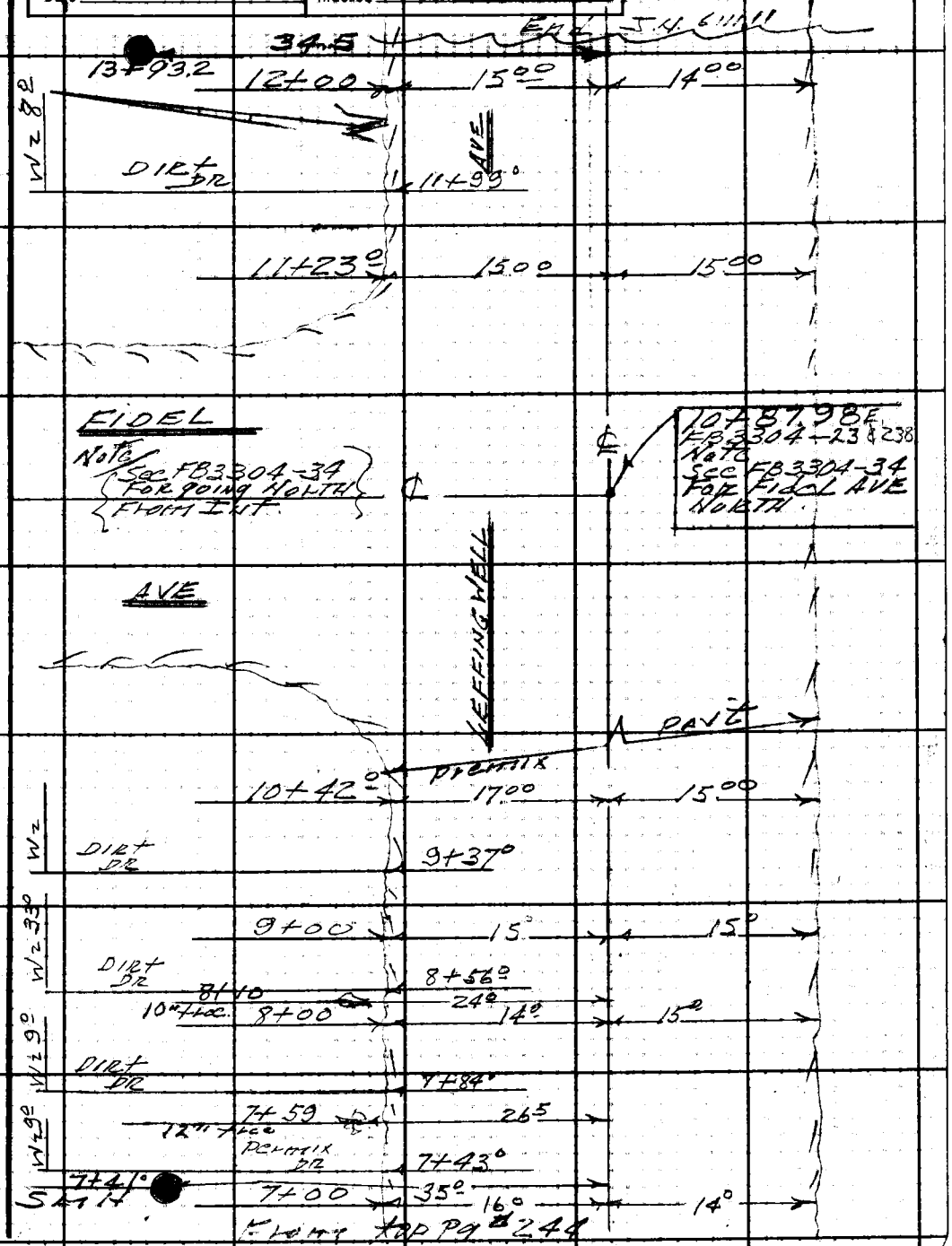
Notes Ck'd by	Survey of N. S F Springs S.D
Map No.	JN 611111 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes Le Gault Date 1965
Date	Indexed C. J. GALLI

F. B. 3304 PG. 245



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76F3095 CE #310 6-63

F. B. ~~3304~~ PG. 246

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Profile	Notes Red	Plotted	Job No. 611.11	Division No. 11	F.B. 3304	Pg. 247
No.	Date	Date	Survey of N. Santa Fe Springs			
X-Sec.	Notes Chkd.	Checked	Survey by Burkholder	Notes D.J.B.	Date 7.65	
No.	Date	Date	Map No.	Indexed E. J. GALLI	Date	

J.N. 611.11

No. SANTA FE SPRINGS

STORM DRAIN

Cross-Sections

on.- Imperial Hwy & Leffingwell Rd.

from- Shoemaker Ave.

To - Fidel Ave.

Burkholder
LeGault
Bankson
Rangel

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-L-298 CE-367 2-63

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.B.M. T-22				122 39	T.B.M. T-22 Unadj. El. = 122.389, F.B. 3304-11	
					T.B.M. T-22 = Sy 1125-A, Norwalk. El. = 622.614 (1960) L.A.Co.	
					Rd Dept. L&T, W'ly Cb. Shoemaker Ave, 80'± No. ℄ Imperial	
					Hwy & 32'± W. ℄ Shoemaker Ave. (Per Bench Circuit by V.T.N. Inc.)	
	Going West on Imperial Hwy				Lt. & S. Imperial ℄ Hwy Rt. & N.	
1+00 N.S.E.&W.				12110	℄ Int. Imperial Hwy & Shoemaker Ave.	
1+69°				12158		℄ Prmt.
				12122	20° Prmt.	
				12038	38° Gut. out.	
				12025	40° Gut. in	
				12032	40° Top cb. (dep)	
				1208	50° P/L.	
1+81²				12164		℄ Prmt.
				12141		21° Prmt.
				12090		40° Gut. out.
				12072		42° Gut. in
				12136		42° Top Cb. @ C.B.
				118 23		42° F.L. of C.B.
				12136		46° Conc. (back C.B.)
				1219		50° P/L.

F.B. 3304 Pg. 248 Job No. 6111.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Date 7-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked No.
Indexed C. J. [illegible] Date Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & S. Imperial	℄ Prod. Hwy Rt. & N.
1+94°					15 5 S. M.H.	
		E.	Rim	12146	Rim 121.46	121.46
		W.	Rim	12146	Meas. 23.24	23.27
					Top Pipe 98.22	98.19
					Diam. 0.67	0.67
					Inv. W. inlet = 97.55	Inv. So. outlet = 97.52
2+21²				12178		℄ Prmt.
				12155		21° Prmt.
				12110		40° Gut out
				12092		42° Gut in
				12097		42° Top cb (Dep.)
				12177		50° P/L
				12152	20° Prmt.	
				12070	38° Gut out.	
				12052	40° Gut in	
				12060	40° Top cb (Dep.)	
				1209	50° P/L	
3+21³				12231		℄ Prmt.
				12205		21° Prmt.
				12170		40° Gut out
				12154		42° Gut in

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6011 Division No. 11 F.B. 3304 Pg. 249
Date ____ Date ____ Survey of N. Santa Fe Springs
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C. J. [illegible] Date ____

76-L-298 CE 307 2-63

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F.B. 3304 PG. 250 Job No. 6111.11 Division No. 11 Notes Red. Plotted Profile
Survey of N. Santa Fe Springs Date 7-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed + CALC Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & S. Imperial	& Prod. Hwy	Rt. & N.
3+21.3				12163			42° Top cb (Dep.)
				12126			50° P/L.
				12193	20° Prmt.		
				12129	38° Gut. out		
				12115	40° Gut. in		
				12180	40° Top cb.		
				1226	50° P/L.		
3+33.0							34.0 S.M.H.
		E.	Rim	12185	Rim 121.85		
		W.	Rim	12185	Meas. 11.64		
					Top Pipe 110.21		
					Diam 0.67		
					Inv. E. outlet 109.54		
	Going So. on Shoemaker Ave.				Lt & E. Shoemaker	& Ave	Rt. & W.
1+00 So.				12110	& Int. Imperial Hwy & Shoemaker Ave.		
1+40				12065		& Prmt.	
1+76.5				12020		& prmt.	
				11993		16° Prmt.	
				11965		30° Gut. out.	
				11942		32° Gut. in	

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & E. Shoemaker ℄ Ave. Rt. & W.	
1+76.5				119.35		32° Top Cb.
				120.4		40° Dirt
1+90.5					24.5 S.M.H.	
		N.	Rim	119.59	Rim 119.59	119.59
		S.	Rim	119.59	Meas. 11.38	11.38
					Top Pipe 108.21	108.21
					Diam 0.83	0.83
					Inv. N. Inlet = 107.38	Inv. W. outlet 107.38
1+ 95°				119.94		℄ Pvmt.
				119.76	16° Pvmt.	
				119.33	30° Gut. out.	
				119.20	32° Gut. in	
				119.85	32° Top cb.	
				119.9	40° Dirt	
2+32°				117.23		38° Top Conc. Hdwall.
				115.18		38° F.L. 18" Conc. Pipe outlet
	Going No. on Shoemaker Ave.				Lt. & W. Shoemaker ℄ Ave. Rt. & E.	
1+00 N.				121.10	℄ Int. Imperial Hwy & Shoemaker Ave.	
1+ 21°				121.44		℄ Pvmt.

Profile Notes Red ____ Plotted ____ Job No. 611111 Division No. 11 F.B. 3304 Pg. 251
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs
X-Sec. Notes Chkd. ____ Checked ____ Survey by Burkhardt Notes [illegible] Date 7/[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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F. B. 3304 Pg. 252 | Job No. 6111.11 | Division No. 11 | Notes Red | Plotted | Profile No.
Survey of N. Santa Fe Springs | Date 7-65 | Date | X-Sec. No.
Survey by D.L.B. | Notes Burkholder | Notes Chkd. | Checked
Indexed C. J. GALLI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	H. & W. Shoemaker		℄ Ave.	Rt. & E.	
1+33°							25° S.M.H. J.C.		
			S. Rim	12134	Rim	121.34	121.34	121.34	121.34
			N. Rim	12134	Meas.	12.42	11.52	11.82	12.53
					Top Pipe	108.92	109.82	109.52	108.81
					Diam.	0.83	0.67	0.67	0.83
					Inv. N. Inlet =	108.09	Inv. E. Inlet = 109.15	Inv. W. Inlet = 108.85	Inv. S. outlet 107.98
1+38.5					31° S.M.H.				
			S. Rim	12136	Rim	121.36		121.36	121.36
			N. Rim	12136	Meas.	11.67		11.82	11.68
					Top Pipe	109.69		109.54	109.68
					Diam.	0.67		0.67	0.67
					Inv. W. Inlet =	109.02	Inv. E. outlet = 108.87		Inv. 109.01 = N'Wly Inlet. (House Conn.)
1+42°				12162			℄ Pvmt.		
1+78.6				12227			℄ Pvmt.		
				12226			16' Pvmt.		
				12180			30² Gut. out.		
				12168			32² Gut. in		
				12234			32² Top Cb.		
				1224			40° P/L.		
1+95°				12264			℄ Pvmt.		
				12245	16° Pvmt.				

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Shoemaker	℄ Ave. Rt. & E
1+95°				12218	30° Gut. out.	
				12200	32° Gut. in	
				12262	32° Top cb.	
				1229	40° P/L.	
2+18⁶				12318		℄ Prmt.
				12318		16° Prmt.
				12274		30° Gut. out
				12260		32° Gut. in
				12324		32° Top cb.
				1234		40° P/L.
				12292	16° Prmt.	
				12266	30° Gut. out	
				12251	32° Gut. in	
				12310	32° Top cb.	
				1234	40° P/L.	
3+18⁶	+.P.			12536		℄ Prmt.
				12563		16° Parmt.
				12488		30° Gut. out
				12474		32° Gut. in
				12538		32° Top cb.
				12552		39⁵ back walk

Profile Notes Red ____ Plotted ____ Job No. 6111 Division No. 11 F.B. 3304 Pg. 253
No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs
X-Sec. Notes Chkd. ____ Checked ____ Survey by Burkhouse Notes [illegible] Date 7-65
No. ____ Date ____ Date ____ Map No. ____ Index ____ GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Shoemaker ℄ Ave. Rt. & E.
3+18.6				12502	16° Prmt.
				12468	30° Gut. out
				12461	32° Gut. in
				12520	32° Top cb.
				1257	40° P/L.
4+25.5					21° S.M.H. Trap M.H.
		S.	Rim	12704	Rim 127.04
		N.	Rim	12704	Meas. 7.21
					Top Pipe 119.83
					Diam. 0.83
					Inv. S. outlet = 119.00
	Going East on Imperial Hwy				Lt. & N. Imperial ℄ Hwy Rt. & S.
1+00 E.				12110	℄ Int. Imperial Hwy & Shoemaker Ave.
1+67.8				12020	℄ Prmt.
				12021	21° Prmt.
				12019	40° Gut. out
				12006	42° Gut. in
				12073	42° Top cb.
				1212	45° brk
				1236	50° P/L.

F.B. 3304 Pg. 254 Job No. 6111.11 Division No. 11 Notes Red Plotted Profile
Survey of N. Santa Fe Springs Date 7-65 Date No. X-Sec.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed C. J. Gall Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & N. Imperial	℄ Hwy Rt. & S.
2+00°				12018		℄ top CB (ISLAND)
				11970		℄ bot. "
				11944		17° Pvmt.
				11903		34° Edge Pvmt.
				1197		39° brk. dirt.
				1195		50° dirt
				12032	4² top CB	
				11983	" bot "	
				11960	20° Pvmt.	
				11931	35² Edge Pvmt.	
				11930	36² F.L.	
				1224	50° P/L dirt.	
3+00				11866		⊕ Pvmt.
				11850		11² Pvmt.
				11794		22⁵ Edge Pvmt. F.L.
				1184		25° Top berm
				1184		35° brk.
				1165		50° dirt.
				11868	3⁶ top CB	
				11930	" Bot	
				11919	9⁶ top CB	
				11861	" Bot.	
				11833	23⁶ Pvmt.	
				11800	38⁶ Edge Pvmt.	
				1191	50° P/L Dirt.	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 611111 Division No. 11 Survey of N. Santa Fe Springs Survey by [illegible] Notes [illegible] Date 7-65 Map No. ____ Indexed C. J. GALLI Date ____

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

F. B. 3304 Pg. 255

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F.B. 3304 Pg. 256 Job No. 61111 Division No. 11 Notes Red. Plotted Profile No.
Survey of N. Santa Fe Springs Date 7-65 Date Date X-Sec. No.
Survey by D.L.B. Notes Birkholder Notes Chkd. Checked Date
Indexed Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & N. Imperial	℄	Hwy Rt. & S.
Going E on Imperial Hwy from P.I. of Leffingwell							
3+45.05 N'ly = 1+00 E.				11820	P.I. Leffingwell Rd.		
2+00 E.				11724		℄	Prmt.
				11712			8⁵ Prmt.
				11678			17° Edge Prmt.
				1175			20° Top berm
				1179			30° brk.
				1183			50° dirt.
				11724	16 Bot.		
				11778	" top cb		
				11781	61 top cb		
				11730	" Bot		
				11701	20° & Prmt.		
Going N'ly on Leffingwell Rd. from P.I. of Leffingwell Rd.							
					Lt. & N. Leffingwell	℄	Rd. Rt. & S.
3+45.05 N'ly				11820	P.I. Leffingwell Rd.		
3+78°					46⁵ S.M.H.		
		W.	Rim	11947	Rim 119.47		119.47
		E.	Rim	11947	Meas. Top 7.57		7.58
					Pipe 111.90		111.89
					Diam		0.67
					Top Trap = 111.96	INV. W. outlet =	111.22

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & N. Leffingwell	℄ Rd. Rt. & S.
4+00				11737		℄ Pvmt.
				11761		20° Pvmt.
				11740	3° Gut (Pvmt.)	
				11788	3° Top cb.	
				11791	11° Top cb.	
				11745	11° Gut. (Pvmt)	
				11750	20° Pvmt	
				11741	30° Edge Pvmt	
				1195	40° Top brk	
				1199	50° Dirt.	
4+07.9				11732		℄ Gut. (Pvmt)
				11780		℄ Top cb.
4+61.6				11802		℄ Top cb.
				11753		℄ Gut. pvmt.
5+00				11887		℄ Pvmt.
				11840		9° pvmt.
				11785		18° Edge Pvmt.
				1182		19° Top berm
				1177		27° brk.
				11650		33° Edge Pvmt.

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6111.11 Division No. 11 Survey of N Santa Fe Springs

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Burkholder Notes [illegible] Date 7-65

Map No. ____ Date ____ Indexed C. J. GALLI Date ____

F. B. 3304 Pg. 251

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Pg. 3304 258 | Job No. 6111.11 | Division No. 11 | Notes Red. | Plotted | Profile No.
Survey of N. Santa Fe Springs | Date 7-65 | Date | X-Sec. No.
Survey by D.L.B. | Notes Burkholder | Notes Chkd. | Checked
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & N Leffingwell	℄ Rd. Rt. & S.
5+00				11900	12° Pvmt.	
				11902	24° Edge Pvmt.	
				1215	40° Top brk.	
				1218	50° P/L	
5+65.9				12101		℄ Pvmt.
				12070		8° Pvmt.
				12037		17° Edge Pvmt.
				1204		27° brk.
				1207		44° brk.
				12086	12° Pvmt.	
				12065	24° Edge Pvmt.	
				1230	35° Top brk.	
				1235	50° P/L.	
6+00				12155		℄ Pvmt.
	Going N. on Painter Ave				Lt. & W. Painter	℄ Ave. Rt. & E.
6+23.24 E'ly = 1400 N.				12165	& Int. Painter Ave. & Leffingwell Rd.	
1+34.2					5° S.M.H.	
					Rim 121.77	121.77
		S. Rim		12177	Meas. 7.95	8.05
		N. Rim		12177	Top Pipe 113.82	113.72
					Diam 0.67	0.67
					Inv. N. Inlet = 113.15	Inv. W. outlet = 113.05

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & W. Painter	℄ Ave	Rt. & E
1+76.9				12287		℄ Pvmt.	
				12277		5.5 Pvmt.	
				12250		11° Edge pvmt.	
				12240		16.5 Bot. brk.	
				1236		30° P/L.	
				12264	7° Pvmt.		
				12230	14° Edge Pvmt.		
				1221	16° F.L.		
				1235	30° P/L.		
2+16.9				12361		℄ Pvmt.	
				12366		5.5 Pvmt.	
				12348		11° Pvmt. (Edge)	
				1230		14 F.L.	
				1234		16 brk.	
				1235		30° P/L	
				12336	7° Pvmt.		
				12312	14° Edge Pvmt.		
				1228	16 F.L.		
				1236	18 brk		
				1239	30° P/L.		

Profile No. ____ Notes Rod ____ Plotted ____ Job No. 61111 Division No. 11 F.B. 3304 Pg. 259
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs
Notes Chkd. ____ Checked ____ Survey by Burkhalter Notes by [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & W. Painter	℄ Ave. Rt. & E.
3+16.9				12540		℄ Pvmt.
				12545		8° Pvmt.
				12527		16° Edge Pvmt.
				1227		21° F.L.
				1250		25°
				1253		30° P/L.
				12523	8.5 Pvmt.	
				12508	15.2 Gut. out	
				12495	17.5 Gut. in	
				12257	" Top cb.	
				1261	30 P/L.	
4+53°						17° S.M.H.
		S.	Rim	12746	Rim 12746	
		N.	Rim	12746	Meas. 7.65	
					Top pipe 119.81	
					Diam 0.67	
					Inv. So. outlet 119.14	
B.M. S.D. 1226				12520	B.M. S.D. 1226 Unadj. El.: 125.20 F.B. 3304-11	
					Leffingwell Rd. & Painter Ave. Bt. spk. & Ld.	
					In cb. 2' N. of S. end cb. 196.4 N. & 19.5 W.	
					of St. ℄	

F.B. 3304 Pg. 260 Job No. 6111.11 Division No. 11 Notes Red. Plotted Profile No.
Survey of N. Santa Fe Springs Date 7-65 Date Date X-Sec. No.
Survey by D.L.B. Notes Burkholder Notes Chkd. Checked
Indexed Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & No. Leffingwell	℄ Ave. Rt. & So.
	Going East on Leffingwell Rd.					
6+23.24=1+00				121.65	℄ Int. Painter Ave. & Leffingwell Rd.	
6+80.5				121.16		℄
				12092		7° Pavt.
				12058		14° Edge Pvmt.
				1206		25°
				1209		50° Dirt.
				12097	8° Pvmt.	
				12080	16° Pvmt.	
				1205	18° F.L.	
				1231	25° Top brk.	
				1233	50° P/L.	
7+00				12083		℄ Pvmt.
7+41°					35° S.M.H.	
		W.	Rim	12123	Rim 121.23	121.23
		E.	Rim	12123	Meas. 6.06	5.90
					Top Pipe 115.17	115.33
					Diam. 0.67	0.67
					Inv. E. outlet = 114.50	Inv. W. inlet 114.66
8+00	+P			11890		℄ Pvmt.
8 +91°				11697		℄ Pvmt.
				11680		7° Pavt.
				11650		15° Edge Pvmt.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 61111 Division No. 11 F.B. 3304 Pg. 261
X-Sec. No. ____ Date ____ Date ____ Survey of N. Santa Fe Springs
Notes Chkd. ____ Checked ____ Survey by Burkholder Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. & N. Leffingwell	℄ Rd. Rt. & So.
8+91°				1160		25°
				1158		50° P/L.
				11697	7.5 Pvmt.	
				11674	15° Edge Pvmt.	
				11656	18 F.L.	
				1184	25	
				1201	50° P/L.	
9+00				11678		℄ Pvmt.
9+50	(T.P.	117.50 COR CONC DR)		11450		℄ Pvmt.
9+91°				11172		℄ Pvmt.
				11152		7.5 Pvmt.
				11111		15° Edge Pvmt.
				1101		20° F.L.
				1117		25° brk.
				1116		50° P/L.
				11170	8° Pvmt.	
				11151	16° Edge Pvmt.	
				1147	18 F.L.	
				1126	25	
				1135	50° P/L.	

F.B. 3304 PG. 262 Job No. 6111.11 Division No. 11 Notes Red Date 7-65 Plotted Date No. Profile
Survey of N. Santa Fe Springs Notes Burkholder Date Notes Chkd. Date Checked Date No. X-Sec.
Survey by D.L.B. Indexed C. J. GALLI

[redacted]

STATION	D.S.	N.I.	C.S.	ELEV.	Lt. & N. Leffingwell	Rd.	Rt. & S.
10+31°	(+P	109.51)		10842		℄ Prmt.	
				10820		7.5 Prmt	
				10800		15° Edge Prmt.	
				1072		20 F.L.	
				1078		25 brk.	
				1072		50° P/L.	
				10822	8.5 Prmt.		
				10775	17° Edge Prmt.		
				10780	20 F.L.		
				1081	30		
				1093	50° P/L		
10+87.98 E.				10605	℄ int. Fidel Ave & Leffingwell Rd.		
11+45° E.				10764		℄ Prmt.	

Job No. [illegible] Division No. [illegible]
Survey of N. Santa Fe
Survey by Burkholder Notes
Map No. Indexed
No. Date Date

F.B. 3304 Pg. 264 Job No. 61111 Division No. 11 Notes Red. Date 7-65

Survey of [illegible] Notes [illegible] Notes Chkd. Date

Survey by D.I.B. Date

Indexed [illegible] Date

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11+45				1091	25 brk	
				1099	50° P/L	
11+85	(+P 10998)			11011		℄ Prmt.
				10985		7° Prmt.
				10944		14° Edge Prmt.
				1088		20 F.L.
				1089		25
				1081		50° P/L.
				11010	7.5 Prmt.	
				10987	15° Edge Prmt.	
				10958	18 F.L.	
				1109	25 brk	
				1125	50° P/L.	
12+60				11114		℄
12+85°	(+P 11620)			11675		℄ Prmt.
				11657		7° Prmt.
				11640		14° Edge Prmt.
				1159		20 F.L.
				1175		25 Top brk.
				1167		50° P/L.

Job No. 6111.14 Division No.
Date
Survey of N. Santa F
Checked
Survey by Burkholder No.
Date
Map No.
Indexed

12+95						
				11651	15 Edge Pvmt.	
				11645	17 F.L.	
				1172	25 brk.	
				1173	50° P/L.	
13+93.2					34.5 S.M.H.	
			W. Rim	12308	Rim 123.08	
			E. Rim	12308	Meas. 7.30	
					Top Pipe 115.78	
					Diam 0.67	
	(+P=11606)				inv. W. outlet = 115.11	
B.M.S.D. 1227				11122	B.M.S.D. 1227 Unadj. El. = 111.22 F.B. 3304-[illegible]	