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"	"	" " "	X-secs.	115-132
"	"	Tudor St.from Lark Ellen Ave.to E. end of St.	Topog.	133-140
"	"	" " "	X-secs.	141-145
"	"	Lark Ellen Service Rd. from Tudor St.to Big Dalton W ash	"	147-151
"	"	Groverdale St.from Lark Ellen Ave. to Enid Ave.	Topog.	153
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Lincoln Heights Quad 86

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F. B 2173 Pg. 5

NOTES RED. JOB NO. 205414 SURVEY OF Banewell Ave SS

DATE SURVEY BY P.L Willey

NOTES CHKD. NOTES BY " DATE 9-10-58

DATE INDEXED C.J. Johnson DATE 9-25-58

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						JN 205414
						BANEWELL AVE SS
						BENCH LEVELS
						9-10-58 P L Willey D.L. Burkholder J.P. McCall B.A Swann
						Elev. based on L.A.Co. Engr. P.L.N- '52 Adj. Adj: 9-18-58/3 See AC-4 for Adj: Calc.
						indexed

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765420 S & B 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM #45-10	477.761				477.761	BM #45-10 El=477.761, FB1367-16
	6.100		5.912			Lark Ellen Ave & Masaline St. NW Cor.
π	83.861	+0.803	+0.808		+0.8055	In most Wly curb 5' N. of N end C.R.
set	5.297		5.104			fd bt spk, front Ho. 4903
BM HV-1	478.564				478.566	BM HV-1
	5517		5.726			Lark Ellen Ave & Tudor St. N.W. Cor.
π	84.081	+0.828	+0.827		+0.8275	set bt. spk in curb 5' N of N end C.R.
set	4.689		4899			BM HV-2
BM HV-2	479.392				479.393	Lark Ellen Ave & Groverdale St NW Cor.
	5791		5656			set bt spk in curb 5' N of N end C.R.
π	85.183	+0.614	+0.616		+0.6150	
set	5177		5040			BM HV-3
BM HV-3	480.006				480.004	Lark Ellen & Nubia St N.W. Cor.
	5340		5.220			set bt spk in curb 5' N of N end C.R.
π	85.346	+0.505	+0.505		+0.5050	
set	4835		4.715			BM HV-4
BM HV-4	480.511				480.512	Lark Ellen Ave & Devanah NW Cor.
	5460		5358			set bt spk in curb 5' N of N end C.R.
π	85.971	+0.523	+0.526		+0.5245	
set	4.937		4.832			BM HV-5
BM. HV.-5	481.034				481.036	Lark Ellen Ave & Gragmont St N.W. Cor.
	5.612		5.620			set bt spk in curb 5' N. of N end C.R.
π	86.646	+0.526	+0.521		+0.5235	
set	5.086		5.089			BM HV-6
BM HV-6	481.560				481.559	Lark Ellen Ave & Bygrove St. N.W. Cor.
	5.820		5.662			set bt spk in curb, 5' N of N end R
π	87.380	+0.792	+0.794		+0.7930	
set	5.028		4.868			BM HV-7
BM. HV.-7	482.352				482.352	Lark Ellen Ave. & Alcross St. N.W Cor
						set bt spk in curb 5' N of N end C.R.

JOB NO. 205414 SURVEY OF Banewell Ave S.S. NOTES RED.
SURVEY BY E.L. Willey DATE
NOTES BY " DATE 9-11-58 NOTES CHKD.
INDEXED A. C. Johnson DATE DATE

F.B. 2173 PG. 6

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM H.V-7	482.352				482.352	BM HV-7 Lark Ellen Ave & Alcross St NW Cor.
	5.686		5470			set bt spk in curb 5' N. of N. end C.R.
⊼	88.038	+0.766	+0.767		+0.7665	
set	4920		4.703			BM HV-8
BM H.V-8	483.118				483.118	Lark Ellen Ave & Arrow Hwy S.W. Cor.
	5791		5942			set bt spk in curb, 5' S. of S end C.R.
⊼	88.909	+1.036	+1.037		+1.0365	
	4755		4905			BM 45-11 El = 484.154 FB 1367-16
BM 45-11	484.154				484.154	Lark Ellen Ave & Arrow Hwy & int.
	5889		5640			fd co. SURVEYOR MONUMENT in a
⊼	90.043	+1.719	+1.719		+1.7190	hand Hole, stmped COUNTY SURVEYOR
	4.170		3921			R.E. 2177, 1/4 COR. SEC 3 + SEC. 10
T.P.	485.873					T.1S. R10W.
	5.700		5.552			
⊼	91.573	+1.758	+1.754		+1.7560	
	3.942		3.798			
T.P.	487.631					
	5850		5.664			
⊼	93.481	+2.092	+2.092		+2.0920	
	3.758		3.572			
T.P.	489.723					
	4914		4.840			
⊼	94.637	-.325	-0.328		-0.3265	+5.2405 ④
set	5239		5168			BM HV-9
BM H V-9	489.398				489.396	Enid Ave & Alcross St. N.W. Cor.
	3.751		3.599			set bt spk in curb 5' N. of N end C.R.
⊼	93.149	-1.494	-1.491		-1.4925	
set.	5245		5090		487.904	BM H.V.10
BM HV-10	487.904				~~487.~~	Enid Ave & Bygrove ST N.W. COR.
						set bt spk in curb 5' N of N end C.R.

NOTES RED ____ JOB NO. 2054/4 SURVEY OF Banewell Ave. S.S.
DATE ____ SURVEY BY R.L. Willey
NOTES CHKD. ____ NOTES BY C. Johnson DATE 9-11-58
DATE ____ INDEXED ____ DATE ____

F. B. 2173 PG. 7

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM HV-10	487.904				487.904	BM HV-10 Enid Ave & Bygrove St NW cor.
	4560		4358			set spk & T in curb 5' N. of N. end C.R.
⊼	92.464	+0.584	+0.580		+0.5820	
set	3976		3778			BM HV-11
BM HV-11	488.488				488.486	Enid Ave & Gragmont St NW Cor.
	4.889		4.679			set bt spk in cb 5' N. N. end C.R
⊼	93377	+0.029	+0.028		+0.0285	
set	4.860		4651			BM HV-12
BM HV-12	488.517				488.514	Enid Ave & Devanah St. N.W. Cor.
	3950		3719			set bt. spk in curb 5' N of N. end C.R.
⊼	92467	-0.951	-0.951		-0.9510	
set	4901		4670			BM HV-13
BM HV 13	487.566				487.564	Enid Ave & Nubia St. NW Cor.
	3343		3230			set bt spk in curb. 5' N. of N end C.R.
⊼	90.909	-2.409	-2.409		-2.4090	
	5.752		5639			
T.P.	485.157					
	3343		3206			
⊼	88.500	-2.574	-2.575		-2.5745	
	5917		5781			
T.P.	482.583					
	4.212		4.106			
⊼	86.795	-2.581	-2.583		-2.5820	-7.5655 ③
	6.793		6689			BM HV-3 see pg #6.
BM HV-3	480.002				480.004	Lark Ellen & Nubia St NW Cor N. end C.R
	6751		6640			fd bt spk in curb 5' N. of N. end C.R.
⊼	86.753	+2.599	+2.598		+2.5985	
	4152		4042			
T.P.	482.601					

JOB NO. 20541 SURVEY OF Barewell Ave S.S. NOTES RED
SURVEY BY R.L. Willey DATE
NOTES BY DATE 9-11-58 NOTES CHKD.
INDEXED C. Johnson DATE DATE

F. B. 2173 PG. 8

765420 S & E-353 4-54

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NOTES CHKD. DATE
INDEXED DATE

JOB NO. 20514 SURVEY OF Banewell Ave SS.
SURVEY BY P.L. Willey DATE 9-11-58
NOTES BY A. C. Johnson DATE

F.B. 2173 Pg. 7

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	482601					
	6070		5951			
Π	88671	+2.703	+2.702		+2.7025	
	3367		3249			
T.P.	485304					
	6.010		5799	5898		
Π	91.314	+1.649	+1.646	+1.653	+1.6510	
	4.361		4.153	4.245		
T.P.	486953					
	4.426		4.259			
Π	91,379	-0.391	-0.389		-0.3900	+6.5620 ④
set	4.817		4648			BM HV-14
B.M. HV-14	86.562				486.563	Enid Ave & Groverdale ST N.W. Cor
	4209		3960			set bt spk in curb, 5' N of N. end C.R.
Π	90771	-0.860	0.860		-0.8600	
set	5069		4820			BM. H.V.-15
B.M. HV-15	485702				485.704	Enid Ave & Tudor ST N.W. Cor.
	5343		5223			set bt spk in curb 5' N of N end C.R.
Π	91.045	+2.351	+2.352		+2.3515	
	2992		2871			
T.P.	488053					
	5635		5400			
Π	93,688	+1.133	1,131		+1.1320	+3.4835 ②
set	4502		4269			BM H.V. 16
BM H.V. 16	489.188				489.188	Banewell Ave 220 ± N of the E Tudor Ave
	4419		4279	4219		in N curb .10' E of ℄ prod from S.
Π	93605	-0.173	-0.177	-0.171	-0.1720	set bot spk in curb Mked BM HV-16
set	4592		4446	4390		BM H.V. 17 N.E.
BM HV-17	489.013				489.016	Banewell Ave & Tudors. N.W. Cor
						set bt. spk in curb 5' E of N. end C.R.

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JOB NO. 20514 SURVEY OF Banewell Ave. S. NOTES RED. DATE
SURVEY BY E.L. Miller DATE 9-11-58 NOTES CHKD.
NOTES BY " DATE
INDEXED C. Johnson DATE

F.B. 2173 PG. 10

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMHV-17	489,013				489.016	BM HV-17 Banewell Ave + Tudor st NW cor.
	6300		6208			set bt spkin curb, 5' N of N end CR
Δ	95313	+3.692	+3.690		+3.6910	
set	2.608		2.518			
BM H.V.-18	492.705				492.708	BM H.V.-18
	2460		2396			Tudor Ave. E end, 400' E of Banewell St.
Δ	95,165	-4.389	-4391		-4.3900	set bt spk in curb front No. 17163
	6,849		6,787			
T.P.	488,316					
	2,990		2,766			
Δ	91,306	-3,330	-3,332		-3.3310	
	6,320		6,098			
T.P.	484,986					
	3870		3,639			
Δ	88856	-2,040	-2,039		-2.0395	-10.7145
	5,910		5,678			
T.P.	482,946					bt spk in Curb front N-S. curb
	3957		3839			No. 17042
Δ	86,903	-0.955	-0.953		-0.9540	
set	4.912		4.792			
BMHV-19	481,991				481.994	BM HV 19
	4831		4660			Vogue St. end, 280 ± S of ℄ Tudor st
Δ	86822	-0.288	-0.291		-0.2895	6' E. of catch basin. front No. 4903
Set	5119		4951			set bt spk in curb
BM H-V-20	481,703				481.706	BM H.V.20
	3120		2925			Tudor st + Vogue Ave S.W. cor.
Δ	84823	-1,695	-1.694		-1.6945	set bt spk in curb 5' W. of W end CR
	4815		4,619			
T.P.	480,008					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	480008					
	3978		3857			
⊼	83,986	-2,251	-2,250		-2.2505	-3.9450 ②
	6,229		6107		477.761	BM 45-10 El=477.761 FB 1367-16
BM 45-10	477,757					Lark Ellen Ave & Masalinest NW Cor
						in most wty cb. 5' N of N end C.R.
Circuit No 2						front Ho 4903, fd spk set in curb.
						BM 45-11 El=484,154 FB 1367-16
BM 45-11	484,154				484.154	Lark Ellen Ave & Arrow Hwy & int
	4794		4612			fd Co. SURVEYOR MONUMENT in a
⊼	88948	-0,008	-0,005		-0.0065	hand Hole. Stmpd. COUNTY SURVEYOR
set	4802		4617			R.E. 2177, 1/4 COR, SEC 3 & SEC 10
BM HV-21	484,146				484.148	T1S., R10W
	4973		4837			BM HV-21
⊼	89,119	-0,654	-0,654		-0.6540	Lark Ellen & Arrow Hwy N.E. Cor.
	5,627		5,491			set spk in curb 5' N of N end C.R.
T.P.	483,492					
	5211		5020			-0.0475
⊼	88.703	+0.605	+0,608		+0.6065	~~+1.2605~~ ②
set	4606		4412			BM HV 22
BM HV-22	484097				484.101	Lark Ellen Ave & Woodcroft St N.E. Cor.
	6,084		5,905			set bt. spk, in curb 5' N of N end C.R.
⊼	90,181	+1,212	+1,215		+1.2135	
	4872		4,690			
T.P.	485,309					
	6190		5,956			
⊼	91,499	+0,842	0,844		+0.8430	+2.0565 ②
set	5348		5,112			BM HV 23
BM HV 23	486,151				486.159	Lark Ellen Ave 435'± N & Woodcroft st
						in front Valley Pale school Bldg.
						set bt spk in E. curb.

NOTES RED ____ JOB NO. 205414 SURVEY OF Banewell Ave SS
DATE ____ SURVEY BY R.L. Willey
NOTES CHKD. ____ NOTES BY ____ DATE 9-12-58
DATE ____ INDEXED ____ C. Johnson DATE ____

F.B. 2173 PG. 11

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM HV-23	486151				486.159	BM HV-23
	5979		6311			Lark Ellen Ave 435'± N of ℄ Woodcroft St
⊼	92130	+1.341	+1.338		+1.3395	in front Valley Dale school Bldg
	4638		4.973			set bt spk in E curb.
T.P.	487.492					
	6779		6564			
⊼	94.271	+4.361	+4.365		+4.3630	
	2418		2199			
T.P.	491.853					
	6.064		5.837			+8.3655 ③
⊼	97.917	+2.662	+2.664		+2.6630	BM H.V. 24
set	3.402		3.173			Lark Ellen Ave & Little Dalton S. side
BM HV-24	494515				494.526	50'± N of ℄ Transmission Tower Line
	3466		3345			set bt spk in (E) curb 7' S. of N end. E curb
⊼	97.981	+1.032	+1.032		+1.0320	
	2434		2313			
T.P.	495547					
	4960		4728	4799		
⊼	500.507	-0.893 R	-0900	-0.899	-0.8995	
	5853		5628	5698		
T.P.	494.654					
	5040		4.894			
⊼	99.694	+0.502	+0.501		+0.5015	+0.6340 ③
set	4538		4.393			BM HV 25
BM H.V. 25	95156				495.161	Orkney Ave S. end 380'± SWly ℄ End Arc
	3922		3800			set bt spk S. Ely cb. front Ho. # 17002
⊼	99078	-1.255	-1.255		-1.2550	
	5177		5055			
T.P.	493.901					

JOB NO. 20541A SURVEY OF Banewell Ave SS NOTES RED
SURVEY BY R L Willey DATE
NOTES BY C. Johnson DATE 9-15-58 NOTES CHKD
INDEXED DATE DATE

F. B. 2173 Pg. 12

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NOTES RED. JOB NO. 205414 SURVEY OF Bane Well SS
DATE SURVEY BY R.L. Willey
NOTES CHKD. NOTES BY " DATE 9-15-58
DATE INDEXED C. Johnson DATE

F.B. 2173 PG. 13

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	493,901					
	4470		4311	4403		
π	98371	-0.491	-0.4[illegible]	-0.496	-0.4935	-1.7485 ②
set	4961		4810	4899		BM HV-26
BM HV-26	493,410				493.413	Enid Ave & Orkney St SE. Cor
	4415		4200			set bt spk in curb 5' S of S end C.R.
π	97825	-0.345	-0.342		-0.3435	
set	4760		4542			BM HV-27
BM HV-27	493,065				493.070	Enid Ave & Renwick Rd NE Cor.
	5320		5131			set bt spk in curb 5' N of N end CR
π	98,385	+1.505	1.504		+1.5045	
	3815		3627			
T.P.	494570					
	6040		5859			
π	500,610	+2.273	+2.276		+2.2745	+3.7790 ②
set	3767		3,583			BM HV-28
BM HV-28	496,843				496.850	Banewell Ave N end 185 ± N & Renwick Rd
	3,560		3444			set bt. spk in N curb front Ho # 5417
π	91403	-1.538	-1.535		-1.5365	
set	5098		4.979			B.M. HV-29
BM HV-29	495305				495.314	Banewell Ave & Renwick Rd NE Cor.
	5,509		5365			set spk in curb 5' E of E end C.R.
π	500.814	+1.921	+1.923		+1.9220	
set	3588		3442			BM HV-30
BM HV-30	97,226				492.236	Leaf Ave & Renwick Rd NE Cor.
	5,311		4841			set spk in curb, 5' N. of N. end C.R.
π	502,537	+1.591	+1.589		+1.5900	
	3720		3252			
T.P.	498,817					

76S420 S & E-353 4-54

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725 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.	498.817					
	5541		5270			
⊼	504358	+1.940	+1.940		+1.9400	+3.5300 2
set	3601		3.330		✓	BM HV-31
BM HV-31	500.757				500.767	Leaf Ave & Orkney ~~Ave~~ St. S.E. Cor.
	6.398		6223	6392		set bt spk in curb, 5' S. of S. end C.R.
⊼	07.155	+3.393	+3.[illegible]5	3.389	+3.3910	
set	3005		2.838	3.003	✓	BM HV. 32
BM HV32	504.150				504.158	Orkney St E end S. side 250' E of Leaf Ave
	6.710		6614			set bt spk in curb front of Ho. 17152
⊼	510.860	+5.695	+5.694		+5.6945	
	1.015		0.920			
T.P.	509845					
	1924		2092			
⊼	511.769	+1.811	+1.809		+1.8100	
	0113		0.283			
T.P.	511.656					
	3580		3382			
⊼	15.236	-1.829	-1.828		-1.8285	
	5.409		5210			
T.P.	509.827					
	4.299		4175			
⊼	514126	-1.100	-1.098		-1.0990	
	5.399		5.273			
TP	508.727					
	4924		4709			
⊼	513.651	-0.726	-0.724		-0.7250	
	5.650		5.433			
T.P.	508.001					

JOB NO. 20 54 14 SURVEY OF
SURVEY BY Banewell Ave SS
NOTES BY R L Willey DATE 9
INDEXED C. Johnson DATE
NOTES RED DATE
NOTES CHKD DATE

F.B. 2173 PG. 14

765420 S & E-353 4-54

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NOTES RED _____ JOB NO. _____ SURVEY OF Rosecrans Ave S.S.
DATE _____ SURVEY BY R.L. Willey
NOTES CHKD _____ NOTES BY _____ DATE 9-16-58
DATE _____ INDEXED A. C. Johnson DATE _____

F.B. 2173 Pg. 15

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	508.001					
	4319		4.139			
⊼	12320	-1.683	-1.679		-1.6810	
	6002		5.818			
T.P.	506318					
	4840		4.691			
⊼	511158	-1.599	-1.599		-1.5990	+0.5720 ⑦ ✓
	6439		6.290			BM 11-25 El = 504.733 FB 1876-26
BM-11-25	504.719				504.733	& int Gladstone St Lark Ellen Ave & Vernon Ave. In a hand hole Fd Co. Rd. Dept Monument Mtd L.A. Co. BO. 1950
	CIRCUIT N.º 3					
					1	
BM H.V.-27	493.065				493.070	BM H.V. 27 see pg #13
	4340		4.155			Enid Ave & Renwick Rd NE Cor
⊼	97.405	-0.671	-0.671		-0.6710	set 6" spk in curb 5' N of New C.L.
	5011		4.826			
T.P.	92.394					
	4898		4.720			
⊼	97.292	-0.006	-0.009		-0.0075	-0.6785 ②
set	4904		4.729			BM H.V. 33
BM HV-33	92.388				492.392	Enid Ave & Newburgh St S.E. Cor
	4.957		4.779			set 6" spk in curb 5' E of E end of
⊼	97.345	+0.726	+0.727		+0.7265	SEE F.B. 3914-35 FOR NEW EL.
	4231		4.052			
T.P.	493.114					

768420 S & E-353 4-54

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JOB NO. 2054.14 SURVEY OF Barnewell Ave. SS NOTES RED DATE
SURVEY BY E.L. Willey NOTES CHKD
NOTES BY C. Johnson DATE 9-18-58 DATE
INDEXED DATE
F. B. 2173 Pg. 16

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	493.114					
	4816		4.667			
T	97.930	-0.154	-0.153		-0.1535	
	4.970		4820			
T.P.	492.960					
	4.598		4420			
T	97.558	-0.241	-0.244		-0.2425	+0.3305 ③
set	4.839		4664			BM HV-34 Newburgh St
BM H.V.-34	92.719				492.723	Barnewell Ave W. side 600'± S. of Λ
	4325		4312			set bt spk in curb, front Ho. #5288
T	97.044	-0.686	-0.689		-0.6875	SEE F.B. 3914-36 FOR NEW EL.
	5011		5001			
T.P.	492.033					
	4515		4301			
T	96.548	-0.375	-0.378		-0.3765	-1.0640 ②
set	4890		4679			BM HV.-35
BM H V-35	491.658				491.659	Barnewell Ave & Arrow Hwy. NE Cor
	4414		4258			set bt. spk in curb 5' N of N end C.R.
T	96.072	-1.451	-1.452		-1.4515	SEE F.B. 3914-36 FOR NEW EL.
	5865		5.710			
T.P.	490.207					
	5218		5.079			
T	95.425	+0.043	+0.041		+0.0420	-1.4095 ①
set	5.175		5.038			BM H.C. 36
BM H.C. 36	490.250				490.250	Enid Ave & Arrow Hwy N.W. Cor.
	4934		4.758			set bt spk in curb, 6' N of N end C.R.
T	95.184	-0.066	-0.064		-0.0650	SEE F.B. 3914-34 FOR NEW EL.
	5000		4.822			
T.P.	490.184					

765420 S & E-353 4-54

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NOTES RED. DATE
JOB NO.
SURVEY BY R.L. Willey
SURVEY OF Rowswell Ave US
NOTES CHKD. DATE
NOTES BY
INDEXED DATE 9-16-58
F.B. 2173 PG. 17

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	490,184					
	5243		5044			
⊼	95,427	+0,782	+0.780		+0.7810	+0.7160 ②
set	4461		4264			BM H.V. 37
BM HV-37	490.966				490.966	Enid Ave & Woodcroft SW cor
	3997		3,864			set ø spk in curb 5'S. of end CR
⊼	94,963	-2,733	-2,735		-2.7340	SEE F.B. 3914-35 FOR NEW EL.
	6730		6.599			
TP	488,233					
	4615		4515			
⊼	92.848	-0,033	-0.033		-0.0330	-2.7670 ②
set	4.648		4,548			BM HV 38
BM HV-38	488,200				488.199	Hyacinth Ave & Woodcroft S. SE cor
	4773		4625			set ø spk in curb 5'S end CR
⊼	92,973	-0,097	-0.099		-0.0980	
	4870		4,724			
T.P.	488,103					
	5132		4970			
⊼	93.235	+0300	+0,301		+0.3005	+0.2025 ②
set	4832		4669			BM HV-39 Woodcroft
BM HV-39	488,403				488.402	Hyacinth Ave S. end 350'± S. of
	3635		3702			set ø spk in curb front HO. 5204
⊼	92,038	-1,991	-1,989		-1.9900	
	5626		5691			BM HV 40
BM HV-40	486.412				486.412	VOGUE Ave. S. end 350'± S. & Woodcroft St
	3950		3826			set ø spk in curb. 12'± SWly {Drive Way To HO 5204
⊼	90,362	-2,259	-2,258		-2.2585	① ✓
	6,209		6078			BM 45-11 El = 484.154 F.B. 1367-16
BM 45-11	484,153				484.154	Lark Ellen & Arrow Hwy & Int.
						fd CO. SURVEYOR MON. in a hand hole
						Stmpd. COUNTY SURVEYOR BE 2177
						EDGE. SEE RHO 715, 810 ET

765420 S & E-353 4-54

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JOB NO 20S414 SURVEY OF Barnwell Ave SS NOTES RED
SURVEY BY P.L. Willey DATE
NOTES BY " DATE 9-16-58 NOTES CHKD
INDEXED C. Johnson DATE

F. B 2133 Pg. 18

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
		CIRCUIT # 4				
BM HV-35	491658				491.659	BM HV-35 see Pg # 17
	5077		4881			Barnwell Ave & Arrow Hwy NE Cor.
Δ	96.735	+2.582	+2579		+2.5805	set bt spk in curb 5' of N end CR
	2495		2302			SEE F.B 3914-24 FOR NEW EL.
T.P.	94.240					
	5633		5499			
Δ	99873	+1.700	+1,699		+1.6995	+4.2800 ②
	3.933		3800			
BM HV-41	495,940				495.939	BM HV-41
	4041		3,909			Leaf Ave & Arrow Hwy NE Cor
Δ	89981	-0.395	-0,393		-0.3940	set bt spk in curb 5' N of N end CR
	4436		4,302			SEE F.B. 3914-34 FOR NEW EL.
T.P.	495545					
	4715		4579			
Δ	500260	+1,105	+1.103		+1.1040	+0.7100 ②
	3610		3476			
BM HV-42	496.650				496.649	BM HV-42
	3.760		3,589			Leaf Ave E side 450' N of Arrow Hwy
Δ	500,410	-1,280	-1,282		-1.2810	set bt spk in curb front Ho # 5250
	5040		4,871			
T.P.	495,370					
	4799		4,648			
Δ	500,169	-0.261	-0264		-0.2625	-
	5,060		4912			
T.P.	495,109					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	495.109					
	6.561		6.419			
π	501.670	+2.526	+2.530		+2.5280	
	4.035		3.889			
T.P.	497.635					
	5.910		5.720			
π	503.545	+1.641	+1.643		+1.6420	+2.6265 ④
	4.269		4.077			BM HV-43 Homerest
BM HV-43	499.276				499.276 ✓	~~Homerset~~ Ave & Arrow Hwy, NE Cor
	5.665		5.532			set bt. spk. in curb 5' N of N end of
π	504.941	+1.730	+1.729		+1.7295	
	3.935		3.803			SEE F.B. 3914-34 FOR NEW EL.
T.P.	501.006					
	5.574		5.330	5.421		
π	506.580	+1.810	+1.804	+1.802	+1.8030	
	3.764		3.526	3.619		
T.P.	502.816					
	5.384		5.275			+5.5435 ③
π	508.200	+2.011	+2.011		+2.0110	BM HV-44
	3.373		3.264			At E. end of N. {service rd / Barrel} ARROW Hwy
BM HV-44	504.827				504.820 ✓	450± E. of Homerset Ave
	3.028		2.803			set bt spk 5. W of the E. end of
π	507.855	-2.837	-2.842		-2.8395	of the S. curb.
	5.865		5.645			
T.P.	501.990					
	3.940		3.800			
π	05.930	-1.969	-1.971		-1.9700	
	5.909		5.771			
T.P.	500.021					

NOTES RED ____ JOB NO. 205414 SURVEY OF Banewall Ave SS
DATE ____ SURVEY BY B.L. Willey
NOTES CHKD. ____ NOTES BY " DATE 9-17-58
DATE ____ INDEXED C. Johnson DATE ____

F.B. 2173 PG. 19

769420 S & E-353 4-54

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JOB NO. 2054.4 SURVEY OF Bonewell Ave SS NOTES RED
SURVEY BY R.L. Willey DATE
NOTES BY C. Johnson DATE 9-17-58 NOTES CHKD
INDEXED DATE
F.B. 2173 Pg. 20

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	500.021					540
	3227		3084			
T	03.248	-0.794	-0.795		-0.7945	
	4021		3879			
T.P.	499.227					
	5240		5062			
T	04.467	+0.570	+0591		+0.5905	-5.0135 ④
set	4650		4471			BM HV 45
BM HV-45	499.817				499.807 ✓	Homerest Ave & Millbugh NE Cor
	5549		5424			set bt spk in curb 5' N of Ner CR.
T	05.366	+2.144	+2.145		+2.1445	
	3405		3279			
T.P.	501.961					
	6089		5983			
T	508.050	+3.033	+3.033		+3.0330	+5.1775 ②
set	3056		2950		✓	BM HV-46 Millburgh Homerest Ave
BM HV-46	504.994				504.984	~~Millbourgh~~ Ave E. end 430' E of ∧
	6840		6738			set bt spk in ~~cent~~ curb front Ho # 17246
T	11.834	+0.841	0.840		+0.8405	
set	5999		5898			Homerest ~~Homestead~~ Ave
BM HV-48	505.835				505.826 ✓	BM HV-48
	3310		3134			Woodcroft St E. end 430' E of ℄ ∧
T	09.145	-3.039	-3.039		-3.0390	set bt spk in cb front House #17246
	6349		6173			
T.P.	502.796					
	3089		2894			
T	05.885	-2.364	-2.366		-2.3650	-5.4040 ②
set	5453		5260			BM HV-47
BM HV 47	500.432				500.421 ✓	Homerest Ave & Woodcroft St NE Cor
						set bt spk in curb 5' N. of N. end CR

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM HV-47	500.432				500.421	BM H.V.-47 Homerest
	4.770		4.634	4.533		~~Homerest~~ Ave + Woodcroft St. N.E. Cor
⊼	05.202	+0.525	+0.518	+0.517	+0.5175	set bt spk in curb 5' N of N end C.R.
set	4.245		4116	4016		BM H.V.49 Homerest
BM HV-49	500.957				500.939	~~Homerest~~ Ave + Laxford Rd N.E. Cor
	5293		5129			set bt spk in curb 5' N of N end C.R.
⊼	06.250	+1.473	+1.470		+1.4715	
	3.820		3659			
T.P.	502.430					
	5870		5.660			
⊼	08300	+3.138	+3.140		+3.1390	+4.6105 ②
set	2.732		2520			Laxford St. E end 430' E ~~Homerset~~ Rd Homerest
BM HV-50	505.568				505.550	set bt spk in curb front of Ho # 17246
	2339		2213			
⊼	07907	-3.639	-3.636		-3.6375	
	5978		5.849			
T.P.	501.929					
	4.099		4299			
⊼	06028	-1.329	-1.331		-1.3300	
	5.428		5.630			
T.P.	500.600					
	4938		5030			
⊼	05.538	+0.947	+0.948		+0.9475	-4.0200 ③
set	3991		4082			BM HV-51 Homerest
BM HV-51	501.547				501.530	~~Homerest~~ Ave + Newburgh N.E. Cor
	5209		4.986			set bt spk in curb 5' N of N end C.R.
⊼	06.756	+0.849	+0.848		+0.8485	
	4.360		4138			
T.P.	502.396					

NOTES RED ____ JOB NO. 2054.14 SURVEY OF Banewell Ave S.S.
DATE ____ SURVEY BY R.L. Willey
NOTES CHKD. ____ NOTES BY C. Johnson DATE 9-17-58
DATE ____ INDEXED ____ DATE ____

F. B 2173 PG. 21

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	502.396					
	5540		5389			
π	07.936	+2.764	2.769		+2.7665	+3.6150 ②
set	2776		2620		✓	
BM HV-52	505.160				505.144	BM HV-52
	2519		2724	2608		Newburgh St E end 430 ± E of Homerest Ave
π	07.679	-2.914	-2.908	2.909	-2.9085	set bt spk in curb front Ho. #17246
	5433		5.632	5.517		
T.P.	502.246					
	4330		4.218			
π	06.576	-1.190	-1.189		-1.1895	
	5.520		5.407			
T.P.	501.056					
	3.760		3.627			
π	04.816	-2.938	-2.936		-2.9370	
	6698		6.563			
T.P.	498.118					
	2625		2520			
π	500.743	-4.155	-4.155		-4.1550	
	6.780		6.675			
T.P.	493.963					
	4157		4010			
π	498.120	-1.561	-1.566		-1.5635	-12.7535 ⑤
	5.718		5.576		✓	BM HV.33 see Pg #15
BM HV-33	492.402				492.392	Enid Ave & Newburgh St S E Cor.
	5.156		4.970			set bt spk in curb 5' E of E. end C.R.
π	97.558	+0.671	+0.668		+0.6695	
	4485		4302		✓	BM HV-27 see Pg #13
BM HV-27	493.073				493.070	Enid Ave & Renwick Rd NE Cor
						set bt spk in curb 5' N of N end CR.

JOB NO. 205414 SURVEY OF Bancwell Ave SS NOTES RED
SURVEY BY R.L. Willey DATE
NOTES BY " DATE 9-17-58 NOTES CHKD
INDEXED C. Johnson DATE DATE

F.B. 2173 Pg. 22

PWEB 1531 793

Notes Ck'd by W. Brenner	Survey of Banewell Ave SS F. B. 2178 Pg. 73
Map No.	JN 0303.00 Tape Std °F
Office Work	Surveyed by WILLEY
Checked	Notes R. L. Willey Date Sept 1958
Date	Indexed A. C. Johnson 3-12-58

JN 030300

BANEWELL AVE S.S.

CENTER LINE SURVEY

CJ. 2054.14

9- 58

R L Willey
D L Burkholder
J P McCall
B A Swann

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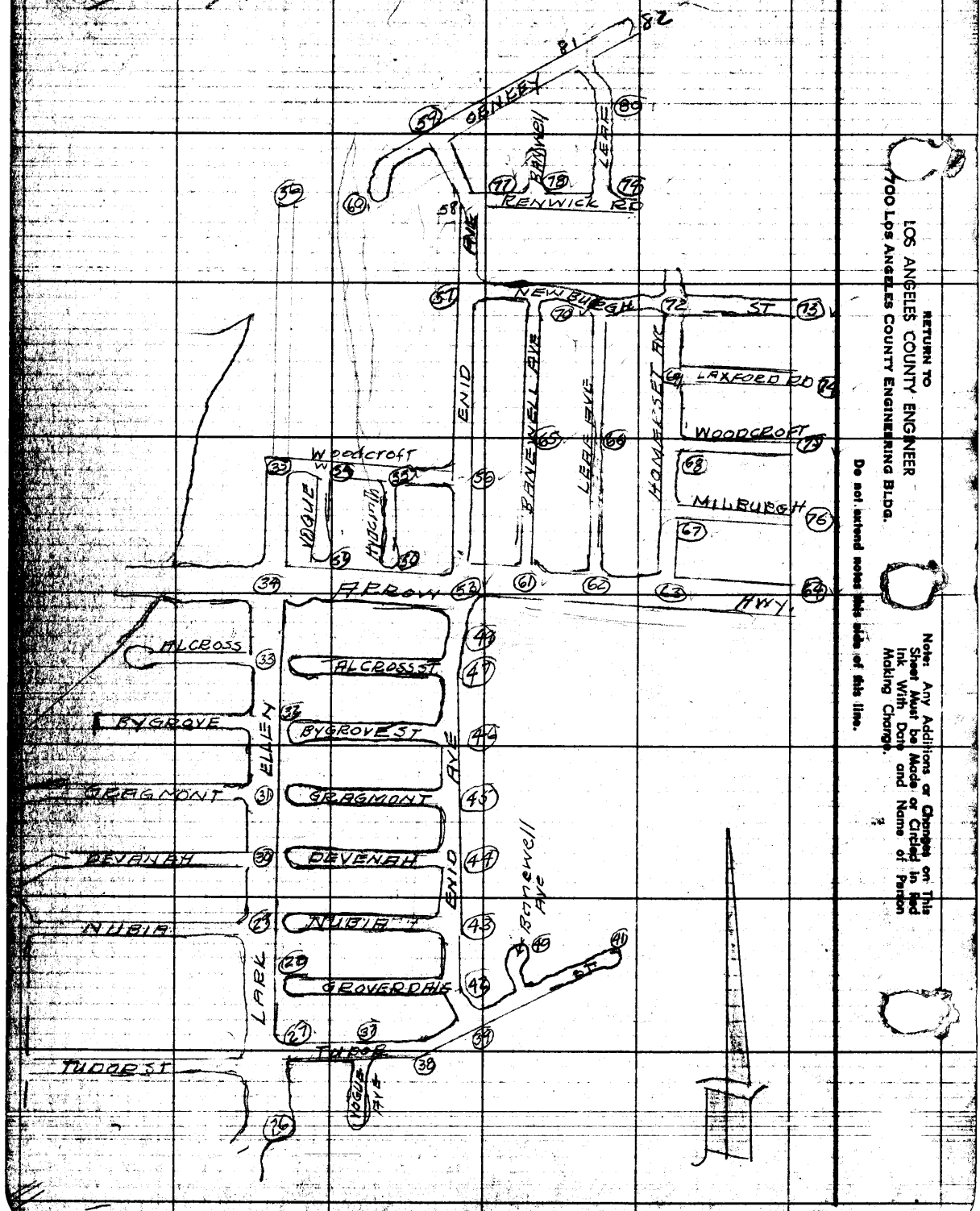
7623095 GE #247 - 3-57

PWFB 1531

T. B. 2122 Pg. 24

794



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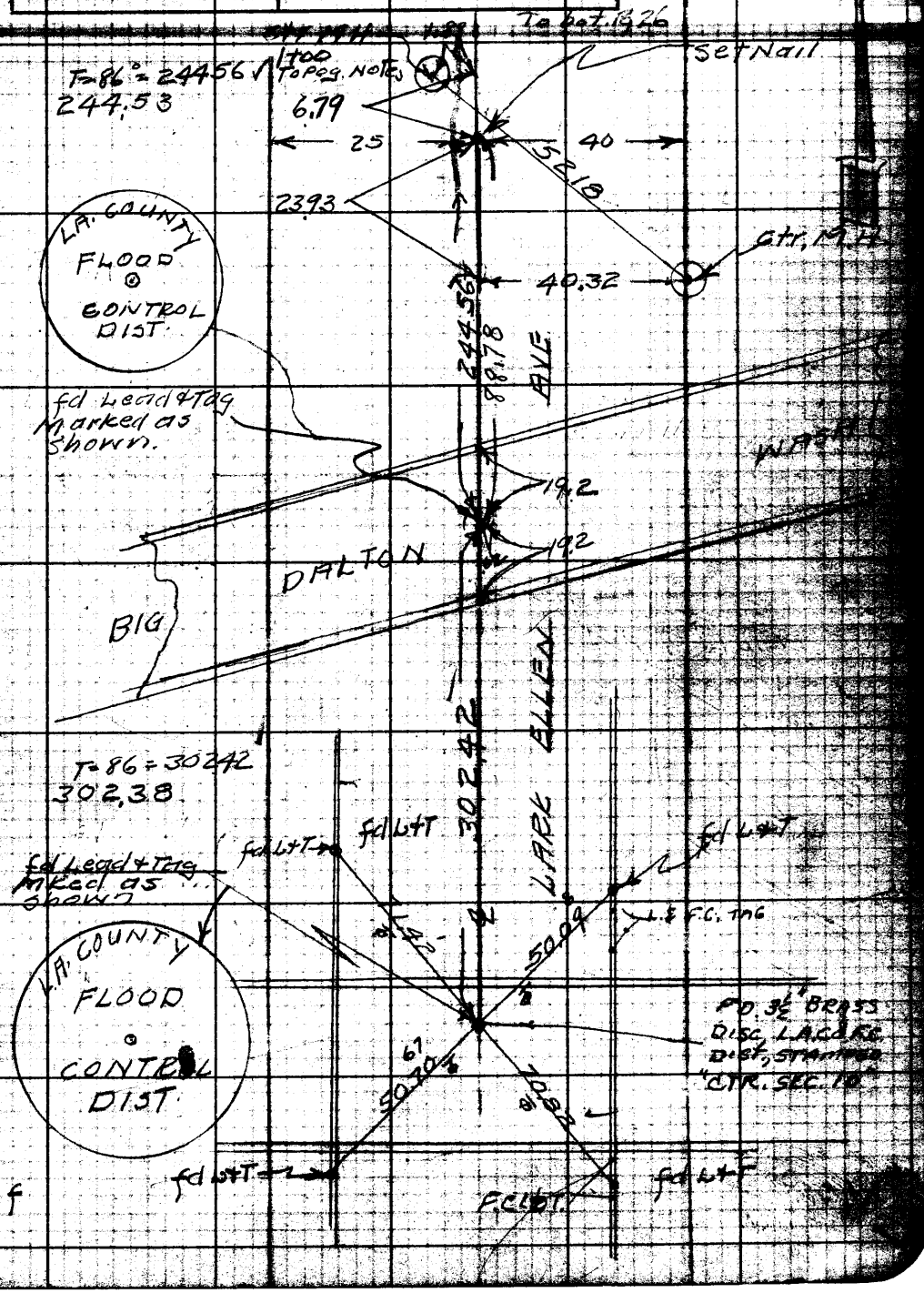
PWFB 1431 659

Notes Ck'd by: W. Brenner	Survey of: Bonewell Ave 35
Map No.	Job No. 0303 Sheet 68 of
Office Work	Surveyed by: R.L. Willey
Checked	Notes Date 9-58
Date	Indexed C. Johnson

F. B. 2173 Pg. 25



W.S. 47

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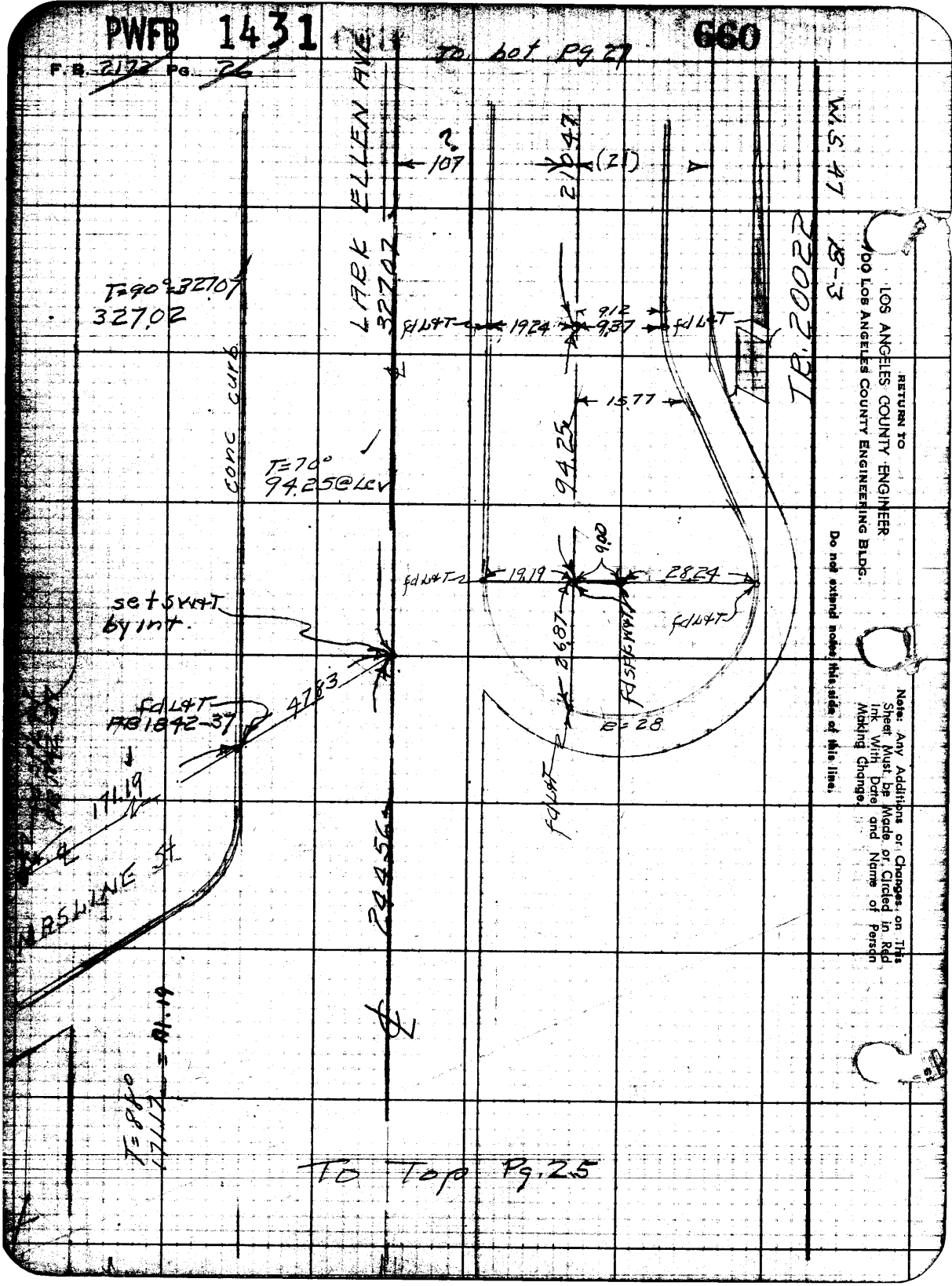
PWFB 1431 660

F.B. 2172 Pg. 26



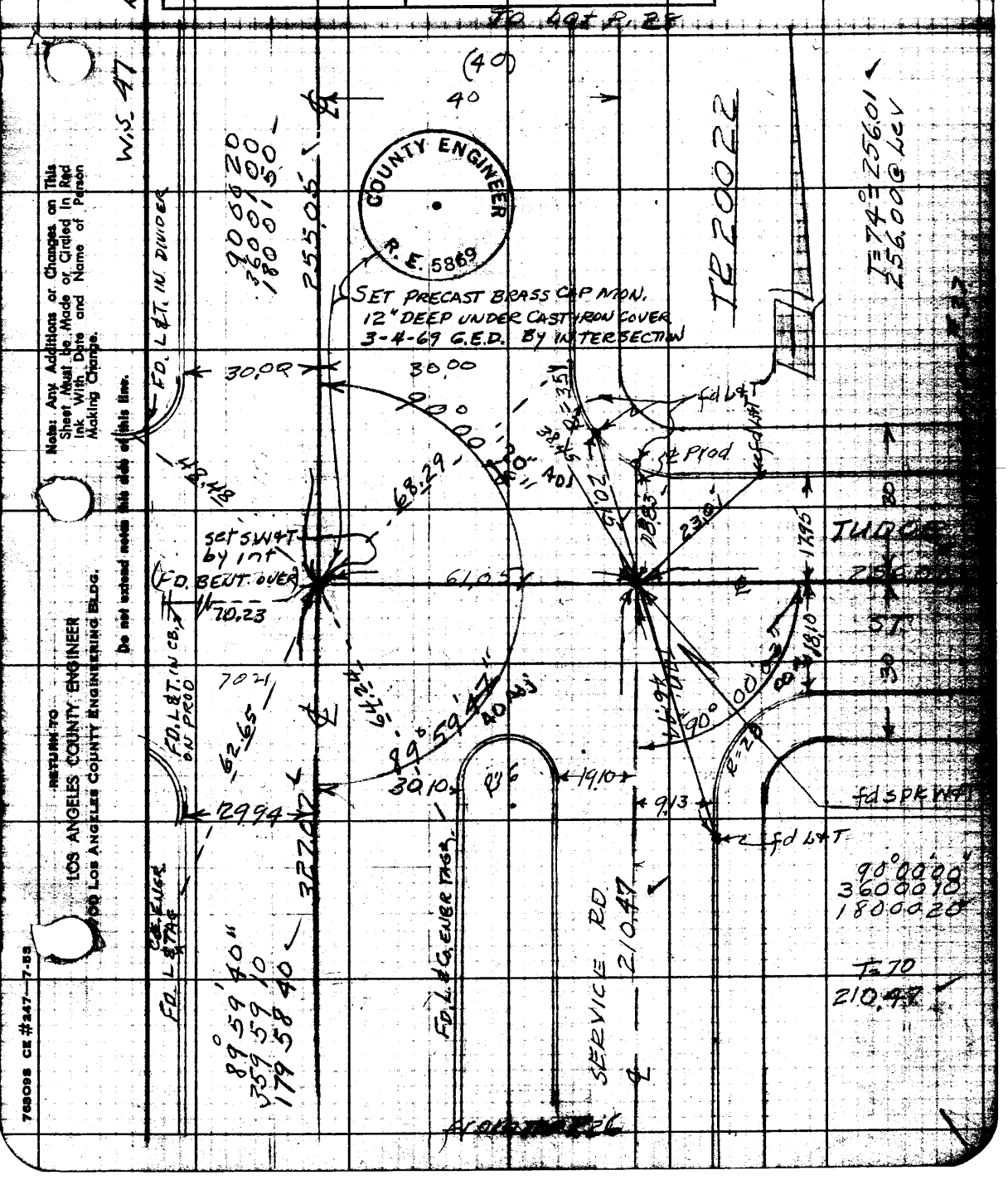
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

PWFB 1431 661

Notes Ck'd by: W. Brenner	Survey of: Bonnewell Ave SS	F. B. 2173 Pg. 27
Map No.	IN 830300 Page 0101 Std. 68 of	
Office Work	Surveyed by: R.L. Willey	
Checked	Notes " Date 9-3-18	
Date	Indexed: A. C. Johnson	

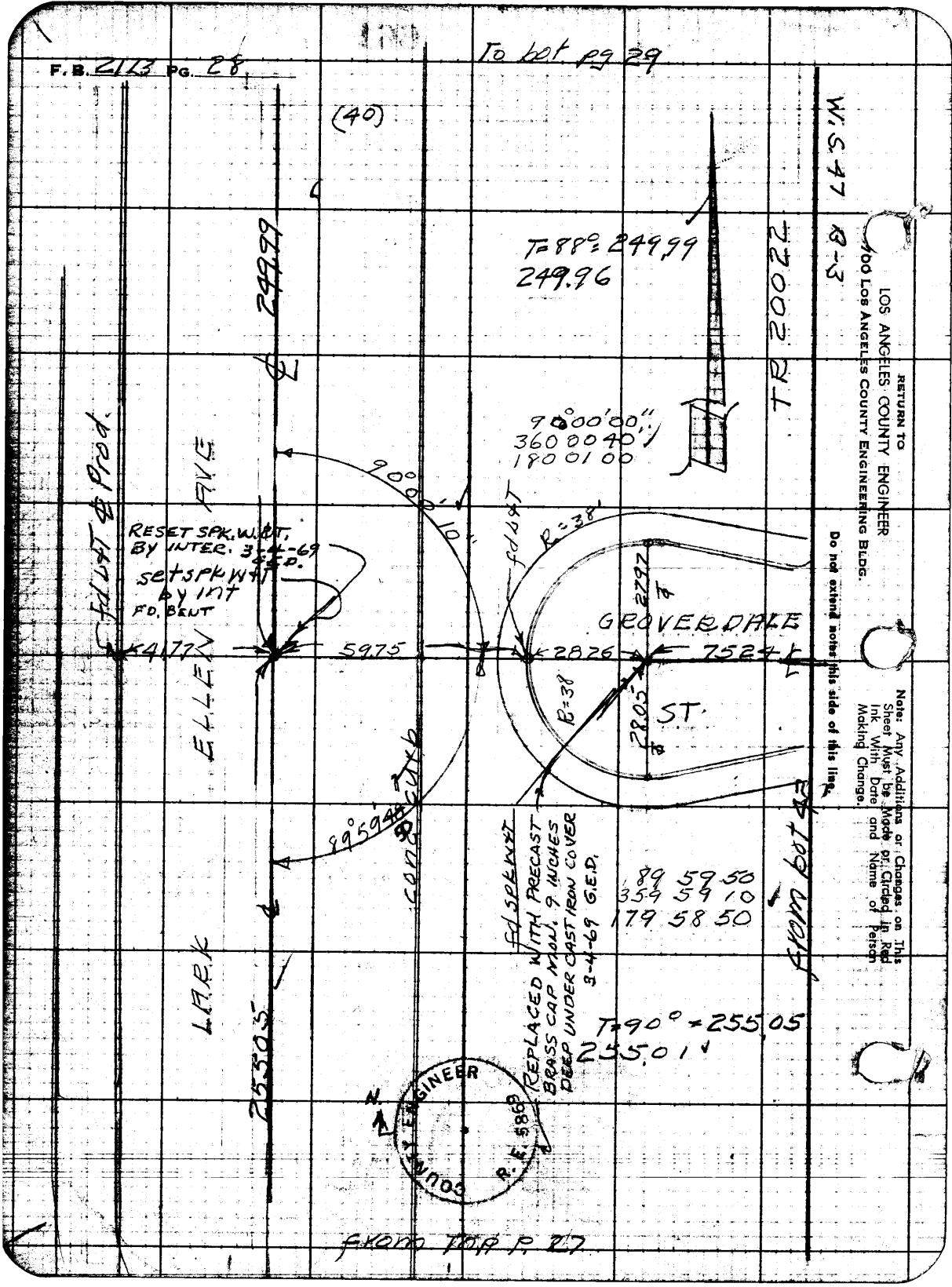


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

768098 CE #247—7-53


F.B. 2113 PG. 28
To bot pg 29
(40)
W.S. 47 B-3
TR 20022
T=88°=249.99
249.96
249.99
90°00'00"
360 00 40
180 01 00
90°00'10"
fd L&T
R=38'
RESET SPK. W.&T. BY INTER. 3-4-69 G.E.D.
set spk W&T by int
FD. BENT
fd L&T ℄ Prod.
ELLEN AVE
GROVERDALE ST.
4177
5975
2826
7524
2797
28.05
R=38
89°59'48"
concrete
fd spk W&T
REPLACED WITH PRECAST BRASS CAP MON. 9 INCHES DEEP UNDER CAST IRON COVER 3-4-69 G.E.D.
89 59 50
359 59 10
179 58 50
T=90°=255.05
255.01
LARK
255.05
N.
COUNTY ENGINEER
R.E. 5869
From bot 43
From Top P. 27
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1531 796

Notes Ck'd by W. Brenner	Survey of Bonewell Ave SS
Map No.	JN 03030 Tape 0101 Std 68 °F
Office Work	Surveyed by R.L. Willey
Checked	Notes Date 9-3-58
Date	Indexed C. Johnson

F. B. 2173 PG. 29

B-3

W.S. 47

TD. not P. 30

(40)

ELLEN AVE ℄ 250.06

T=88=250.06
250.03

TR. 20022

90°00'00"
359 59 10
179 58 40

SERVICE RD.

41.75

59.68

28.35

NUBIA ST.

Sets W&T by int

90°00'13"

20 Adj

LARK ℄ 249.99

90°00'10"
360 01 00
180 01 20

FD. SPK, W.&T. REPLACED WITH PRECAST BRASS CAP MON. 9" DN. UNDER A CAST IRON COVER

COUNTY ENGINEER R.E. 5869

from TOP P. 28

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

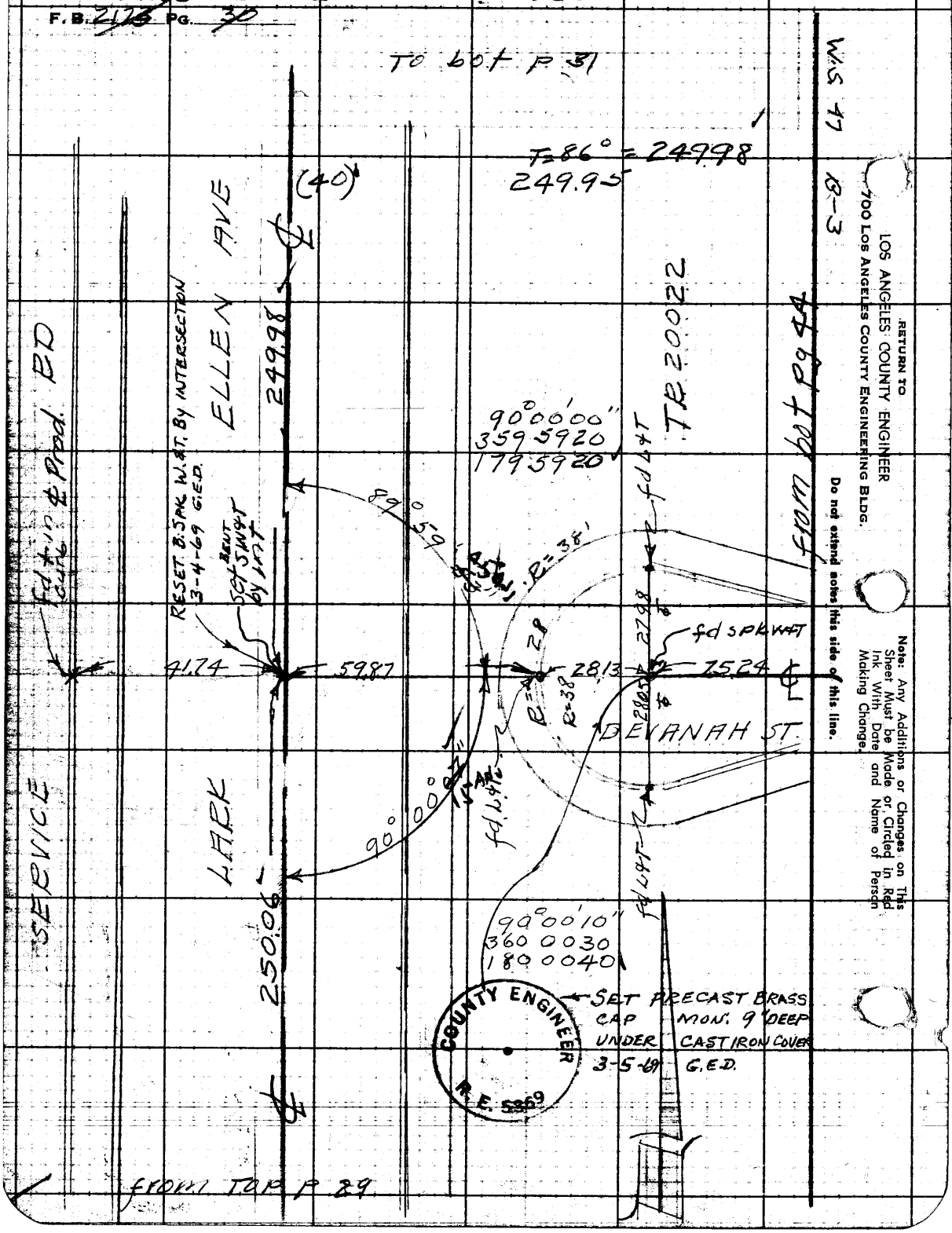
Do not extend notes this side of this line.

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

763098 CE #247—7-55

PWFB 1531 797

F.B. 2173 PG. 30



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

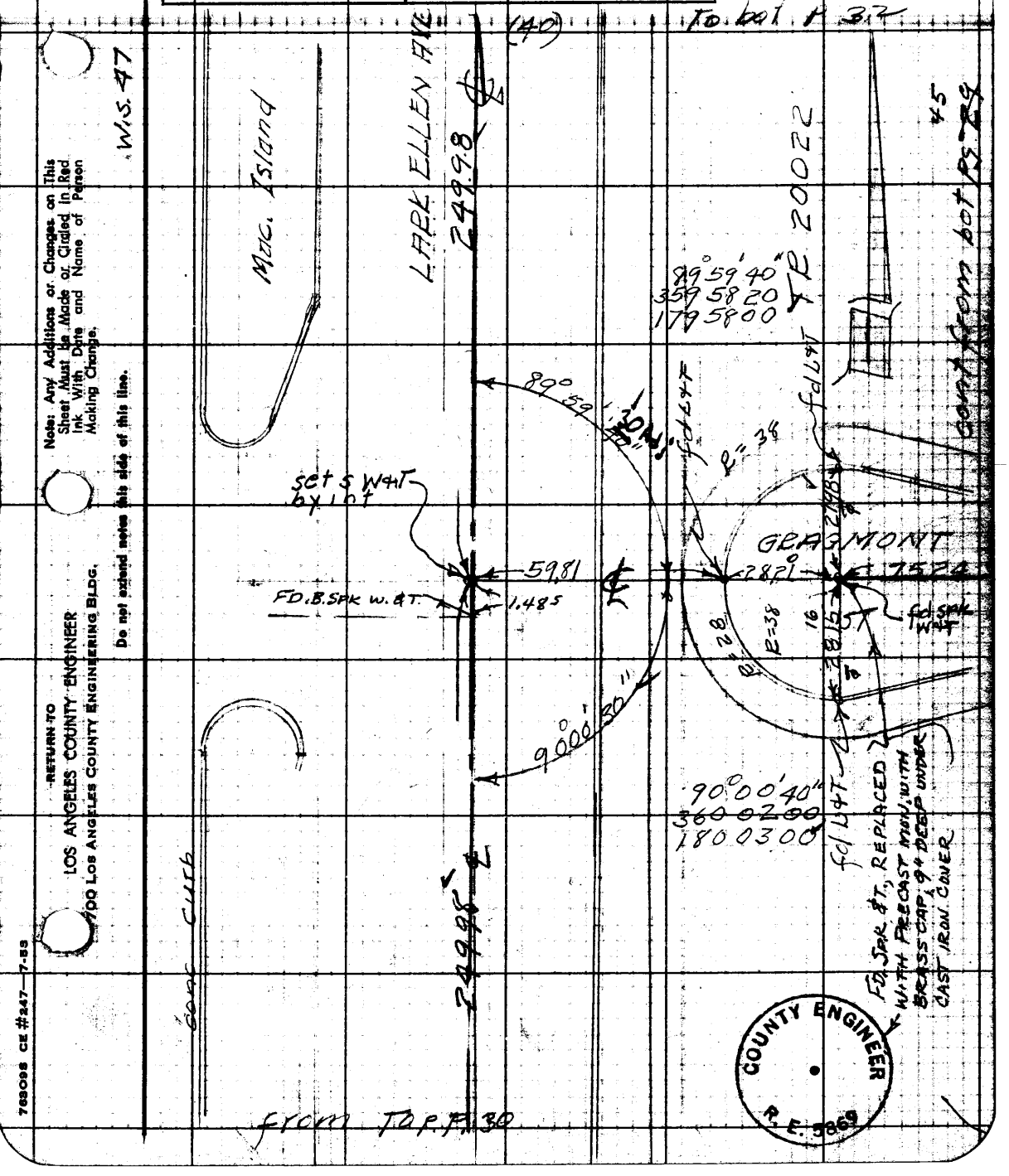
Do not extend notes this side of this line.

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

PWFB 1531 798

Notes Ck'd by W. Brenner	Survey of Rane Well Ave SS
Map No.	IN 23 03 Tape 0101 Std 68 °F
Office Work	Surveyed by ELW, Wey
Checked	Notes Date 9-4-58
Date	Indexed A. C. Johnson

F. B. 2178 Pg. 31



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

Do not extend notes this side of this line.

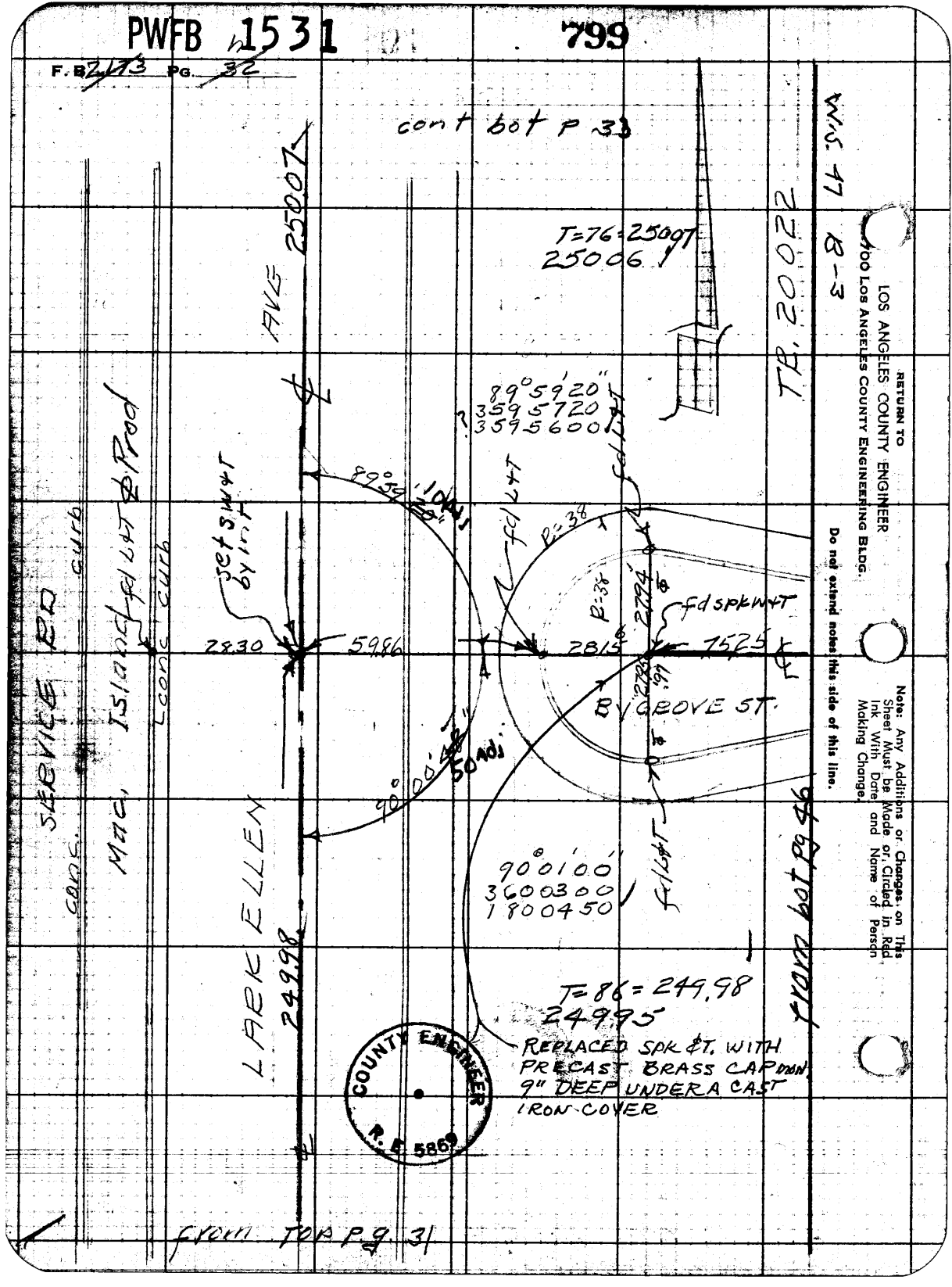
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

PWFB 1531

799

F. B. 2113 PG. 32



PWFB 1531 800

Notes Ck'd by W. Brenn	Survey of Bonewell Ave 65
Map No.	IN 030300 Tape 0101 Std 68 °F
Office Work	Surveyed by EL Willey
Checked	Notes " Date 10-24-58
Date	Indexed C. Johnson

F.B. 2173 PG. 33

8-3

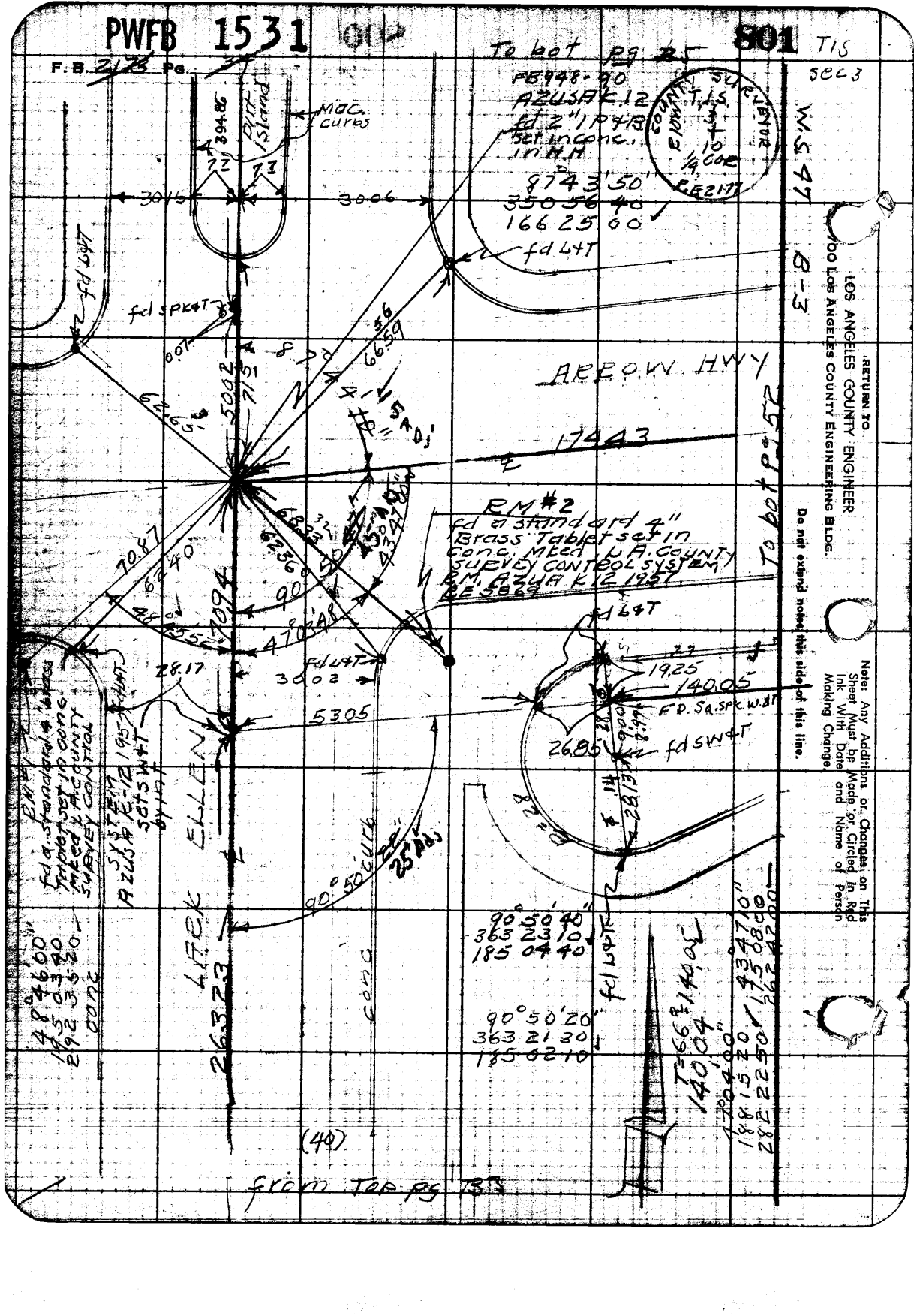
W.S. 47

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

Do not extend notes this side of this line.

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

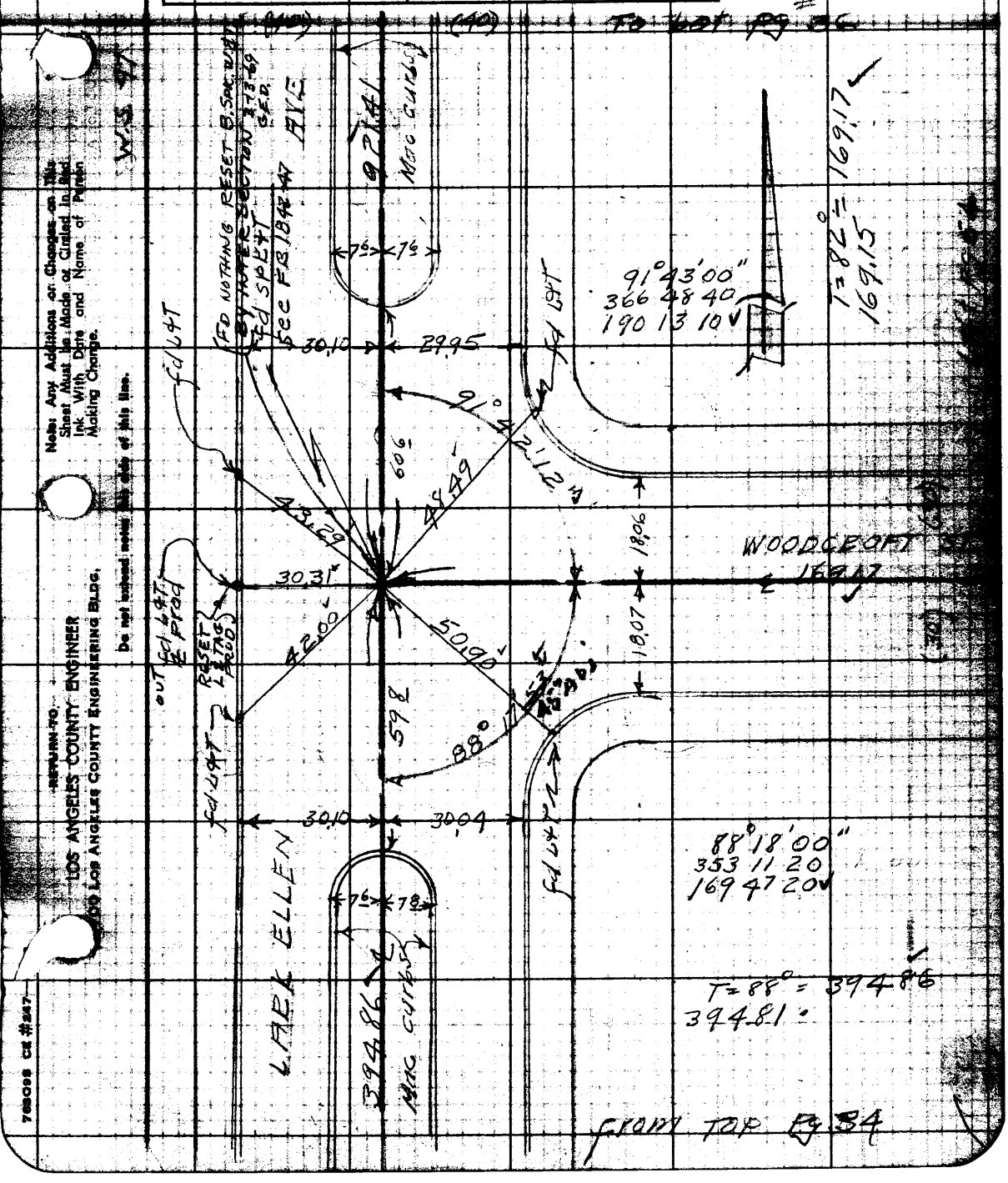
76809S CE #247—7-55


PWFB 1531
801
F.B. 2173 Pg.
To bot pg 25
FB948-90
AZUSA K.12
fd 2" IP&B
set in conc.
in H.H.
8743'50"
35056 40
16625 00
COUNTY SURVEYOR
T.1S.
1/4 COR
R.E.2177
W.S.47
B-3
Mac. curbs
Pit Island
394.86
3015
3006
fd L&T
fd SPK&T
ARROW HWY
17443
To bot pg 52
RM #2
fd a standard 4"
Brass Tablet set in
conc. Mkd L.A. COUNTY
SURVEY CONTROL SYSTEM
RM. AZUA K12 1957
RE 5869
fd L&T
3002
5305
28.17
19.25
140.05
FD. Sq. SPK. W.&T
26.85
fd SW&T
LARK ELLEN
90°50' curb
25' Adj
90°50'40"
363 23 10
185 04 40
90°50'20"
363 21 30
185 02 10
26323
conc
(40)
from Top pg 33
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1531 802

Notes Ck'd by W. Brenner	Survey of Bonnewell Ave 65
Map No.	[illegible] 68 °F
Office Work	Surveyed by E L Willey
Checked	Notes " Date 11-7-58
Date	Indexed C. Johnson

F. B 2173 Pg. 35



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

Do not extend notes this side of this line.

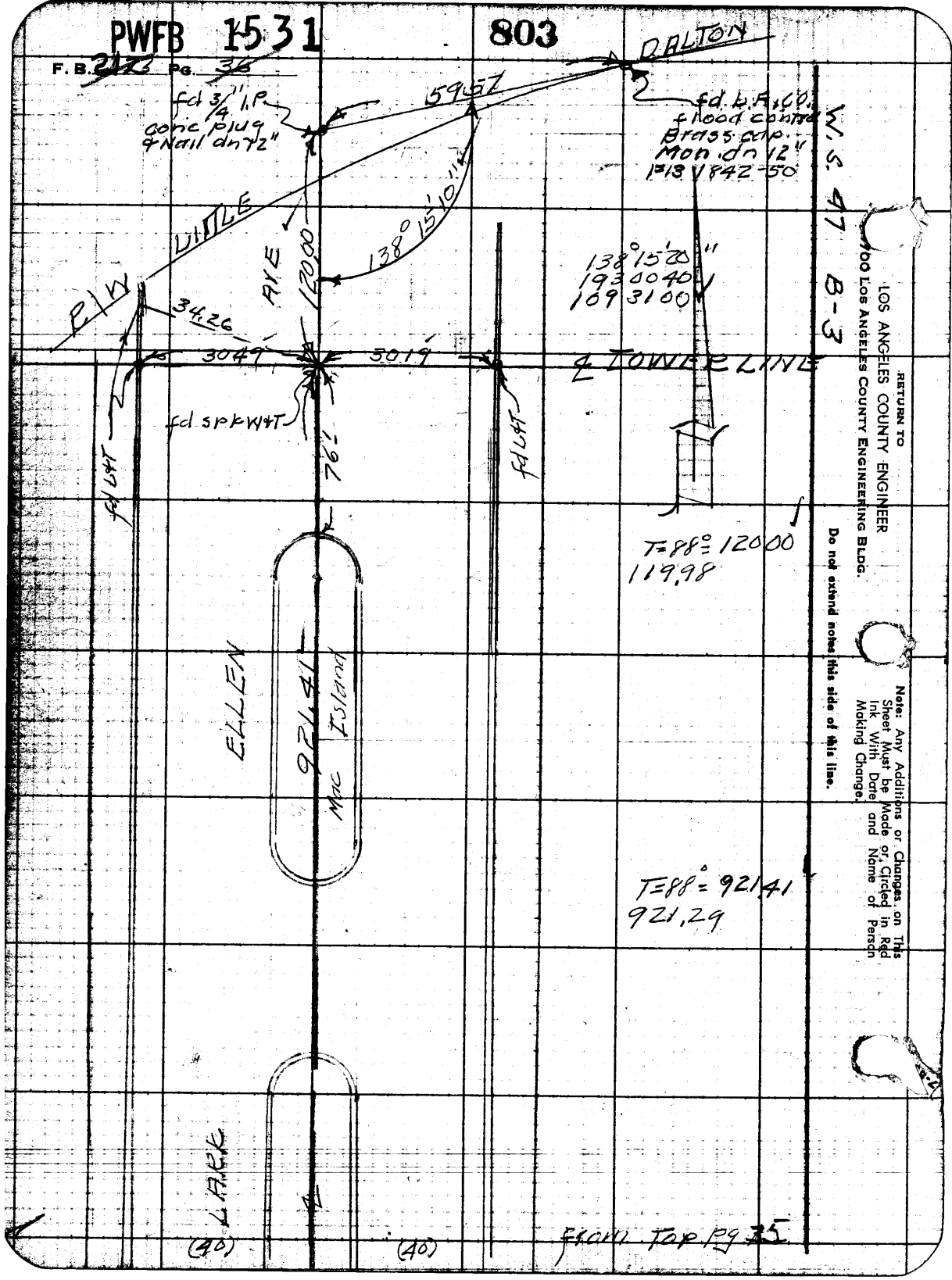
RETURN TO
LOS ANGELES COUNTY ENGINEER
LOS ANGELES COUNTY ENGINEERING BLDG.

768098 CE #247

PWFB 1531

F. B. 212 PG. 36

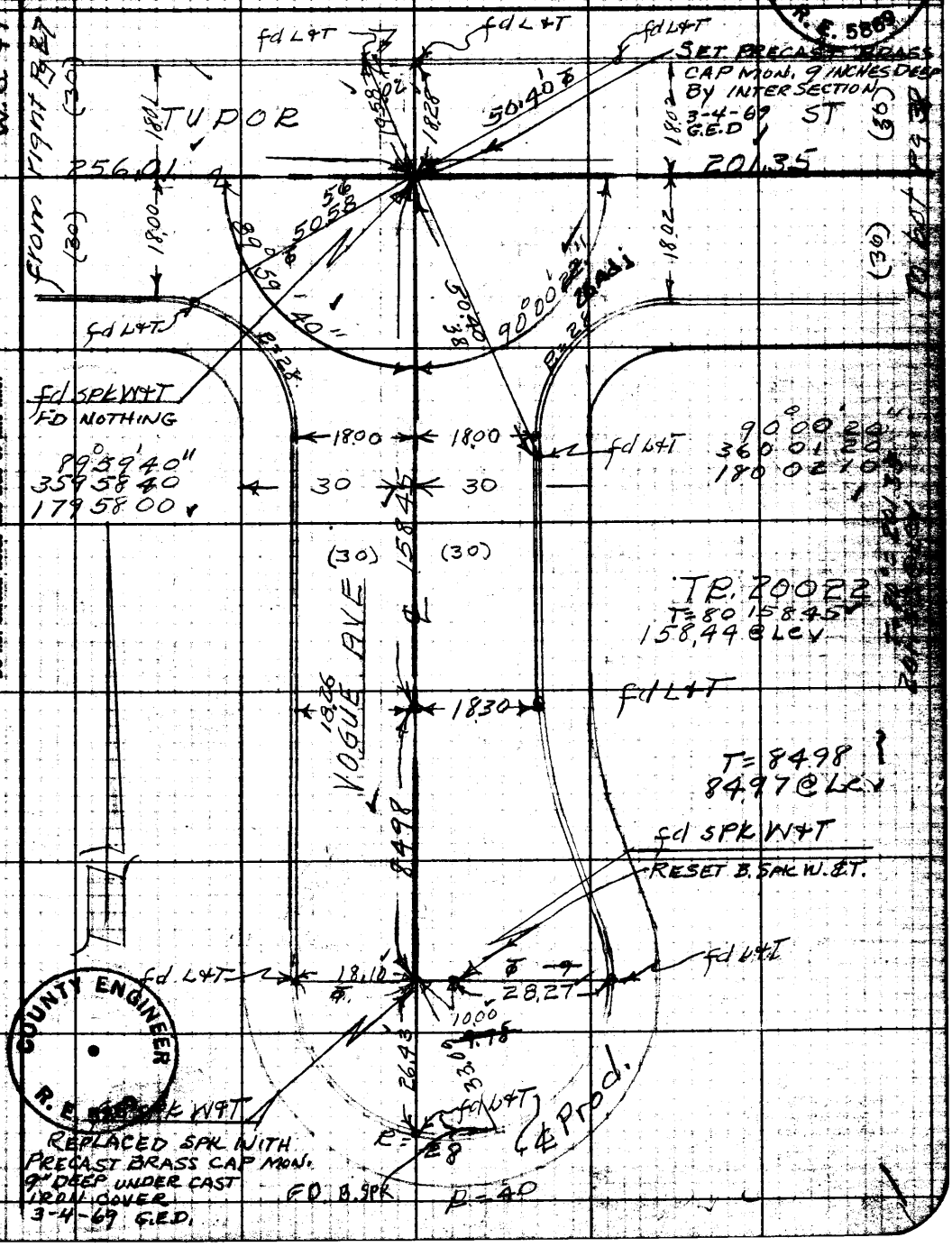
803



PWFB 1431 662

Notes Ck'd by W. Brennet	Survey of Banewell Ave SS	F. B. 2173 PG. 37
Map No.	IN [illegible] Tape 0101 Std 68 °F	
Office Work	Surveyed by R L Willey	
Checked	Notes [illegible] C. Johnson Date 11-7-58	
Date	Indexed	

COUNTY ENGINEER R. E. 5869



COUNTY ENGINEER R. E. [illegible]

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

Do not extend notes this side of this line.

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

763098 CE #247—7-58

PWFB 1431

663

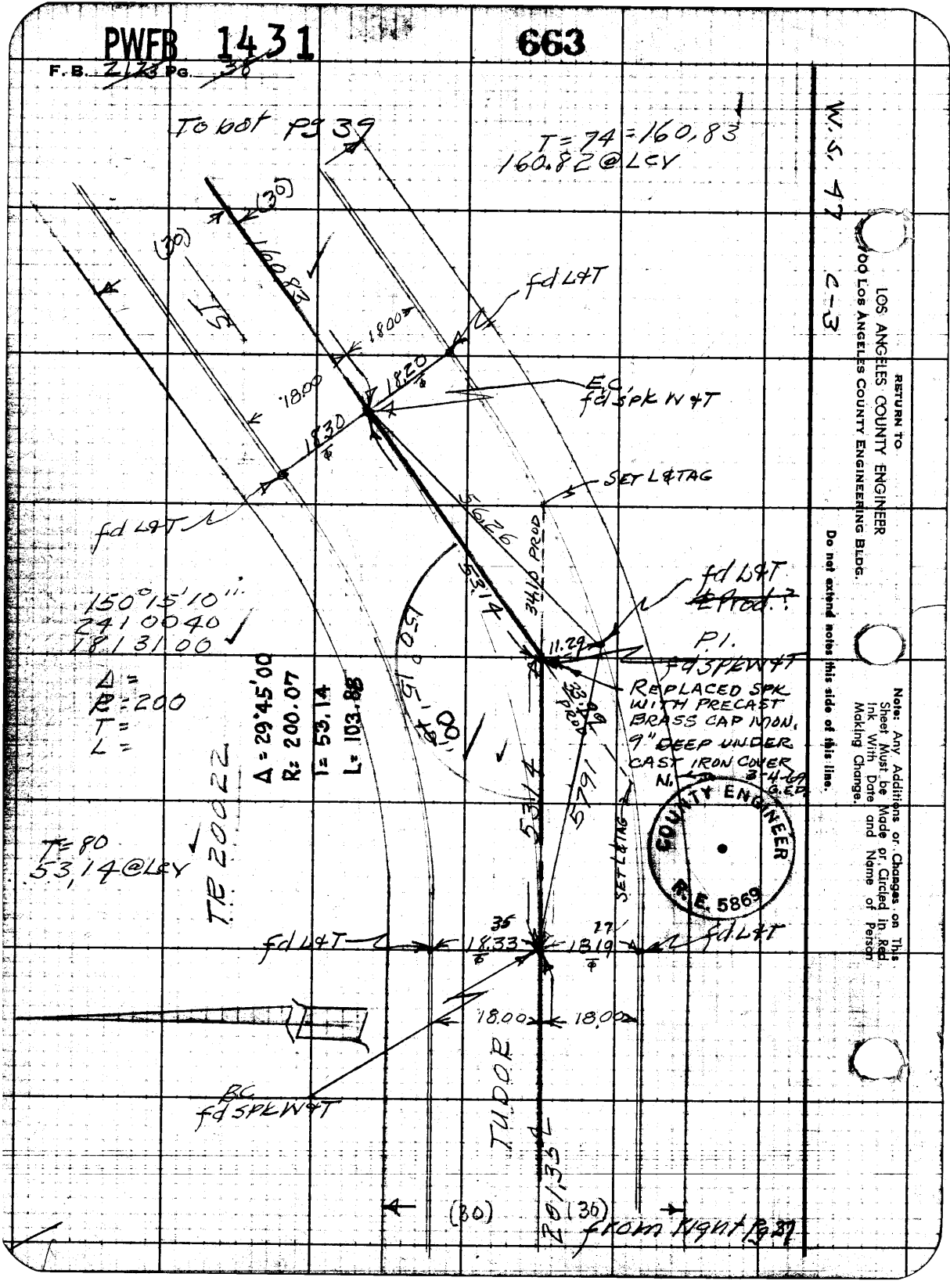
F. B. 213 Pg. 36

W.S. 47 C-3

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

Do not extend notes this side of this line.

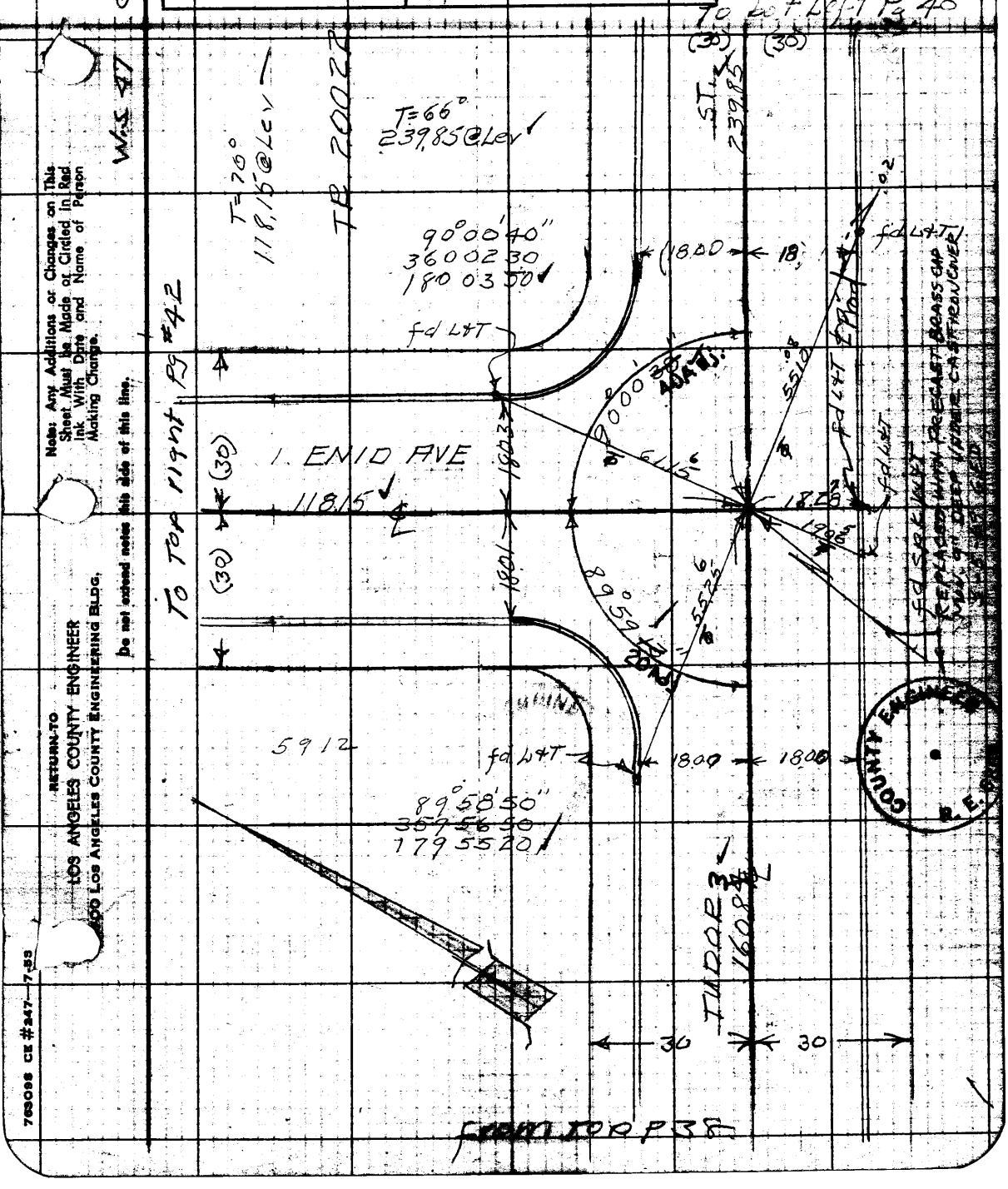
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.



PWFB 1431 664

Notes Ck'd by W. Brenner	Survey of Rosewell Ave SS
Map No.	JN 0303 Tape 0101 Std. 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 10-24-58
Date	Indexed C. Johnson

F. B. 2173 Pg. 39

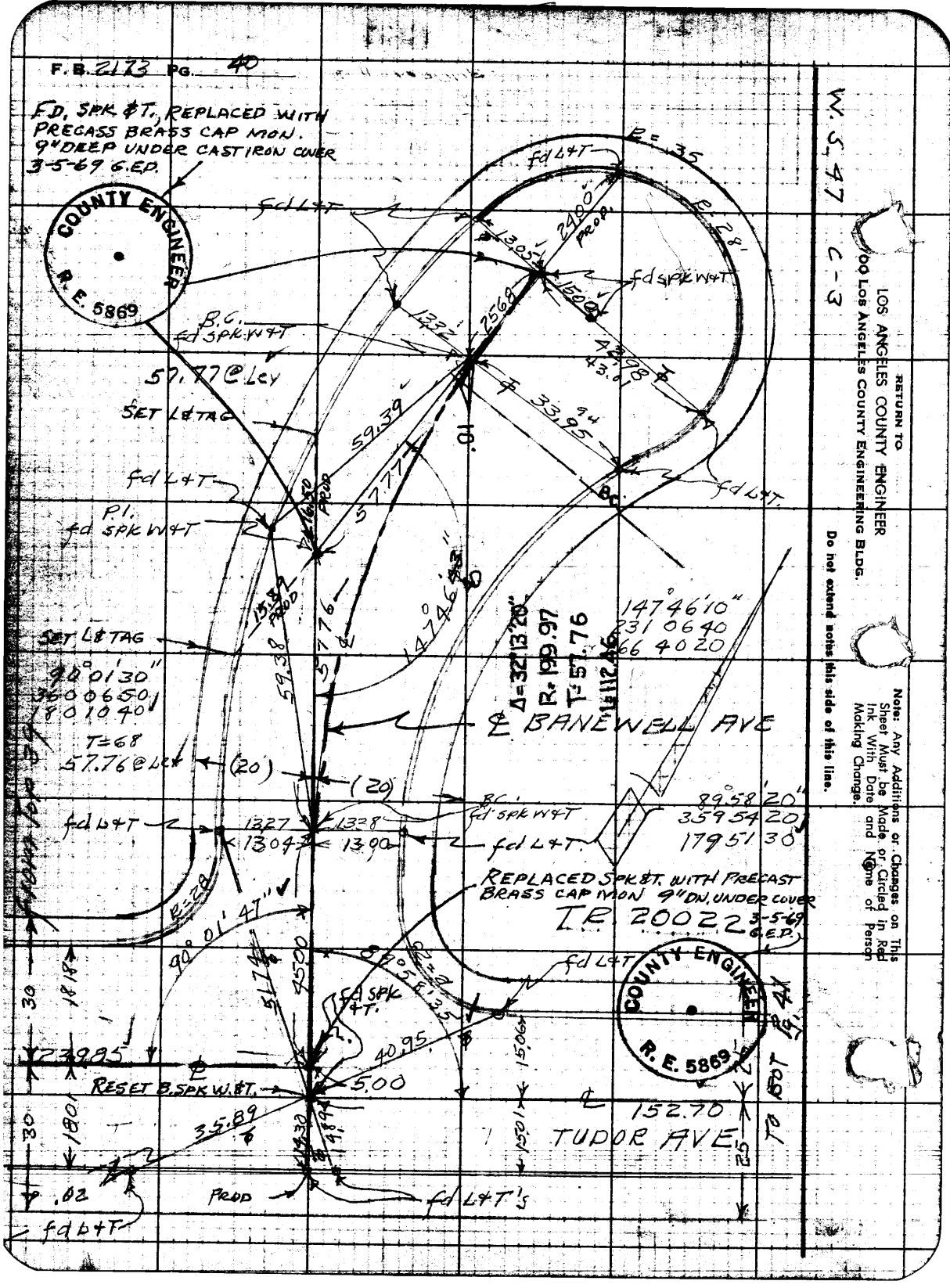


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-53

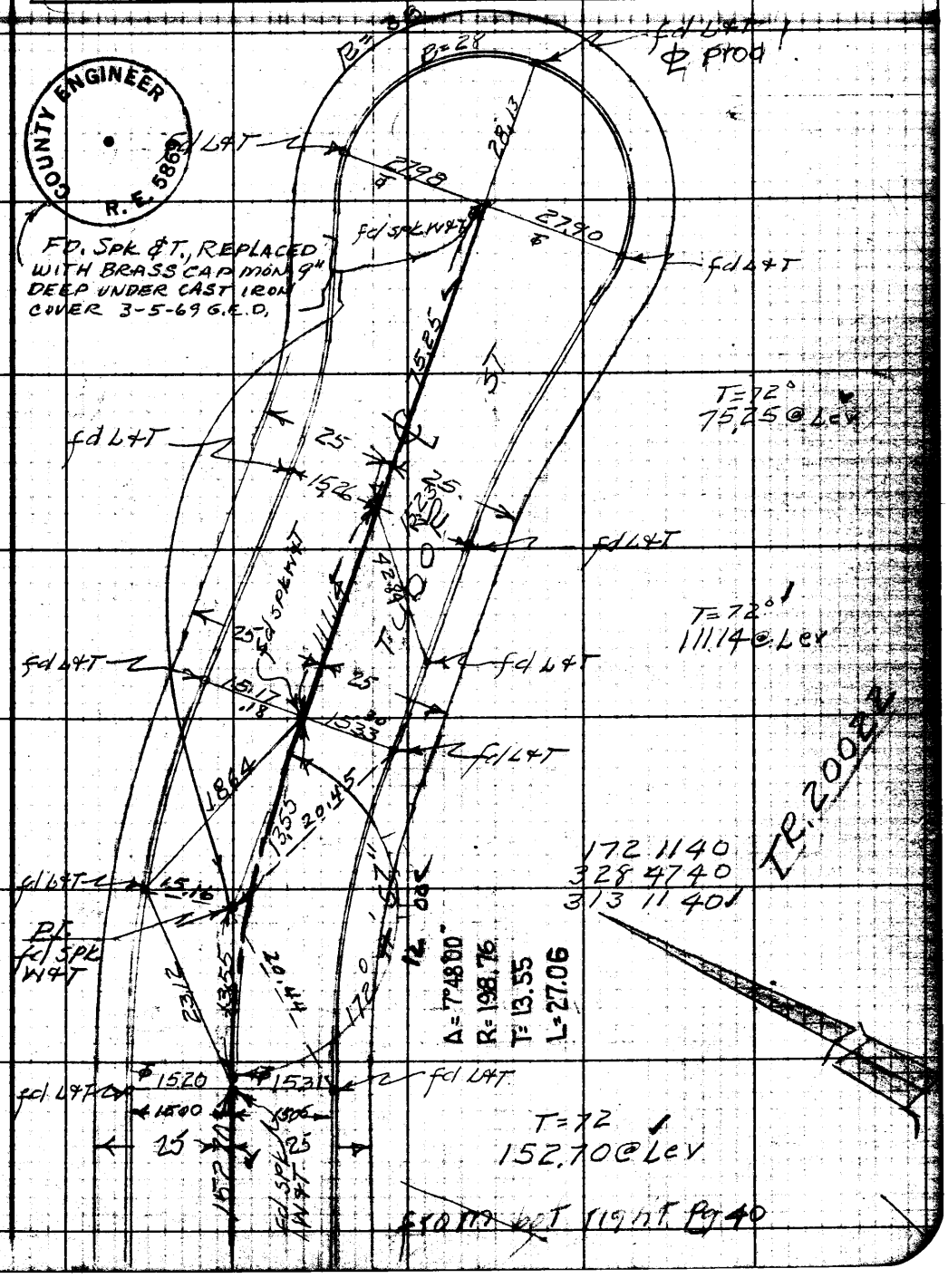

F.B. 2173 PG. 40
FD. SPK & T., REPLACED WITH PRECASS BRASS CAP MON. 9" DEEP UNDER CAST IRON COVER 3-5-69 G.E.D.
COUNTY ENGINEER R.E. 5869
fd L&T
R=.35
R=28'
2400' PROD.
1305'
1500'
fd SPK W&T
B.C. fd SPK W&T
1332'
2568
57.77 @ Lev
SET L&TAG
59.39
33.95
10'
fd L&T
P.I. fd SPK W&T
57.77
15.89 PROD
59.38
5776
147°46'43"
Δ=32°13'20"
R=199.97
T=57.76
L=112.46
147°46'10"
231 06 40
66 40 20
SET L&TAG
90°01'30"
360 06 50
180 10 40
T=68
57.76 @ Lev
(20)
(20)
℄ BANEWELL AVE
BC fd SPK W&T
89°58'20"
359 54 20
179 51 30
fd L&T
1327
1328
1304
1300
fd L&T
REPLACED SPK&T. WITH PRECAST BRASS CAP MON 9" DN. UNDER COVER
T.R. 20022 3-5-69 G.E.D.
R=28
90°01'47"
45.00
89°58'35"
fd L&T
COUNTY ENGINEER R.E. 5869
fd SPK &T.
40.95
239.85
RESET B.SPK W.&T.
5.00
℄ 152.70
TUDOR AVE
35.89
.02
PROD
fd L&T's
fd L&T
TO BOT
W.S. 47 C-3
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1531 805

Notes Ck'd by W. Brenner	Survey of Bonnewell Ave SS	F. B. 2173 Pg. 41
Map No.	IN 0303 Tape 0101 Sht 68 °F	
Office Work	Surveyed by R L Willey	
Checked	Notes " Date 10-24-58	
Date	Indexed C. Johnson	

C-3

W.S. 47

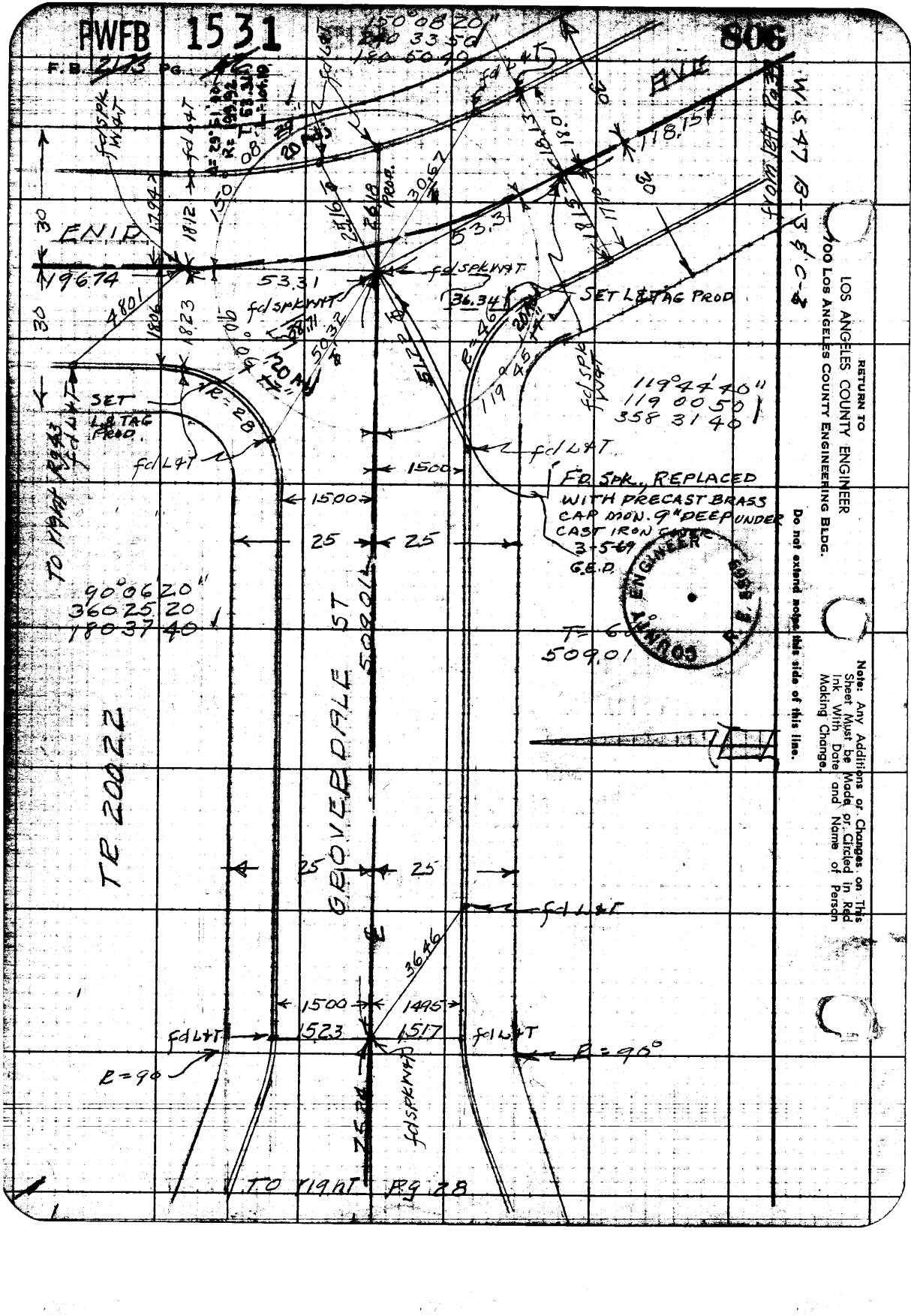


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
1700 Los Angeles County Engineering Bldg.

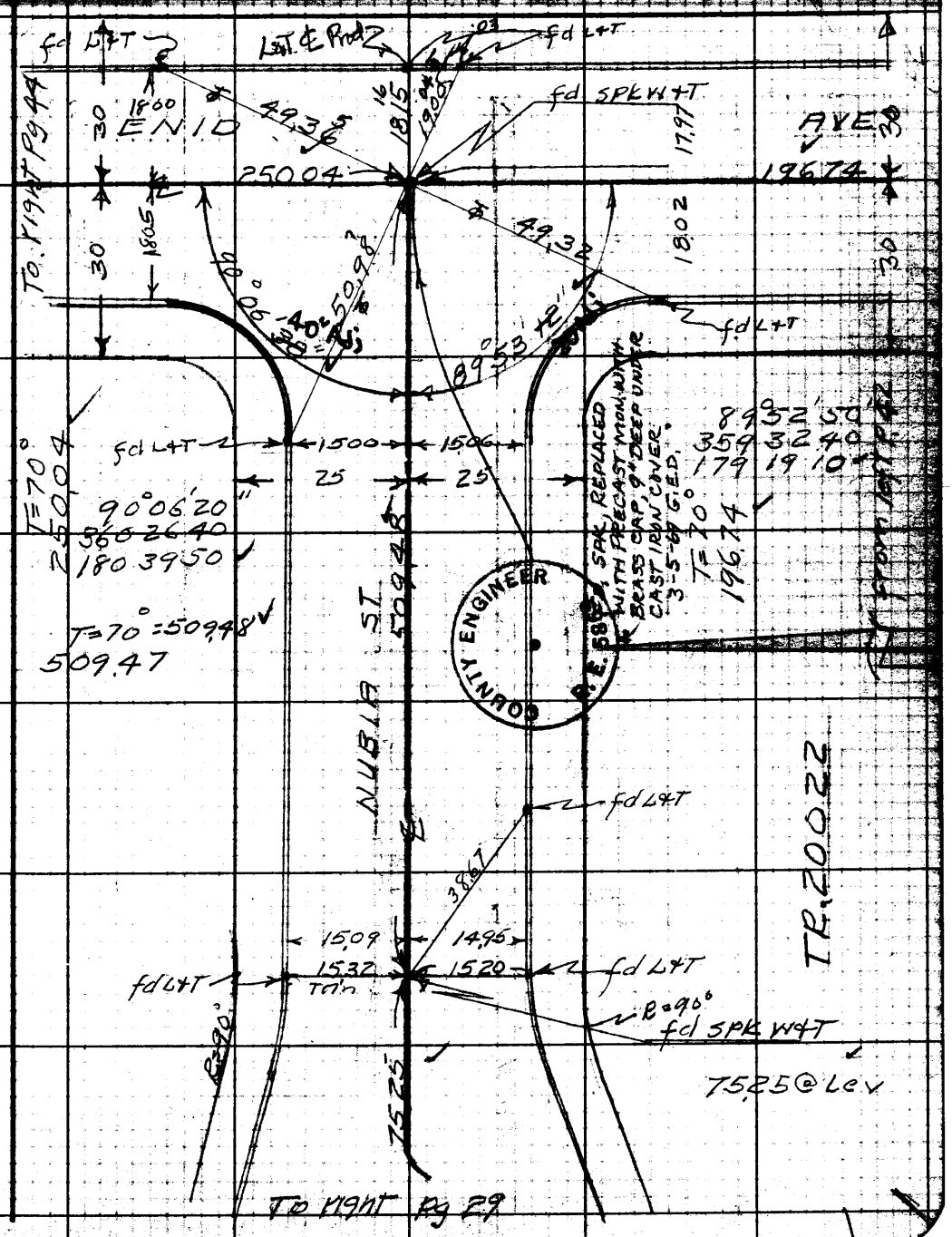
768098 CE #247—7-58


PWFB 1531
806
F.B. 2173 PG.
W.S. 47 B-3 & C-3
ENID
19674
53.31
fd SPK WAT
SET L&TAG PROD
118.15
119°44'40"
119 00 50
358 31 40
fd L&T
1500
25
FD. SPK., REPLACED WITH PRECAST BRASS CAP MON. 9" DEEP UNDER CAST IRON COVER
3-5-69
G.E.D.
90°06'20"
360 25 20
180 37 40
509.01
GROVERDALE ST
TR 20022
1523
1517
R=90
R=90°
TO right Pg 28
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1531 807

Notes Ck'd by W. Brenner	Survey of Bonewell Ave SS
Map No.	IN 2305 Date 0101 Std 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 10-15-58
Date	Indexed C. Johnson

F. B. 2173 Pg. 43



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

Do not extend notes this side of this line.

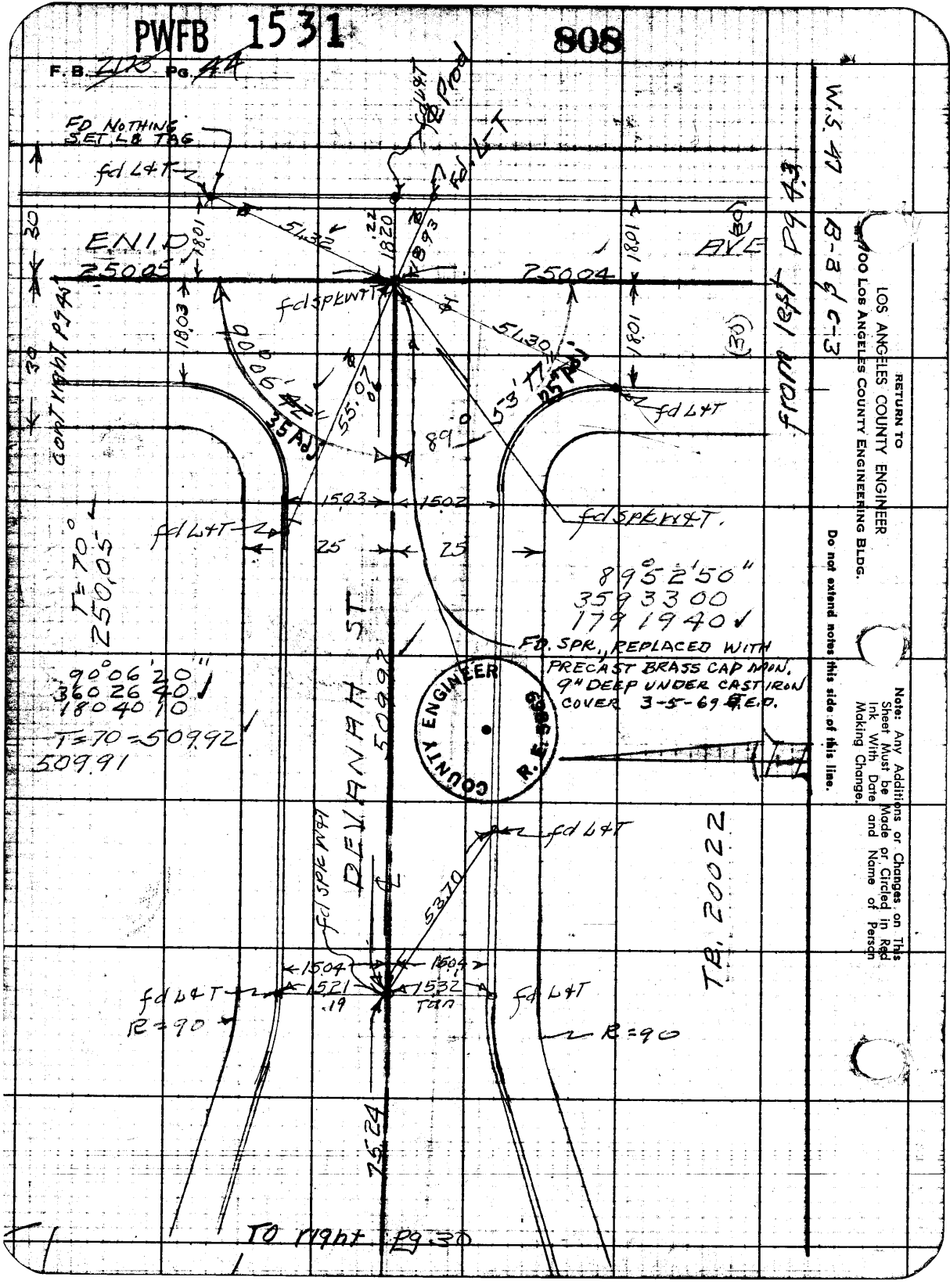
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

PWFB 1531

808

F.B. 218 Pg. 44



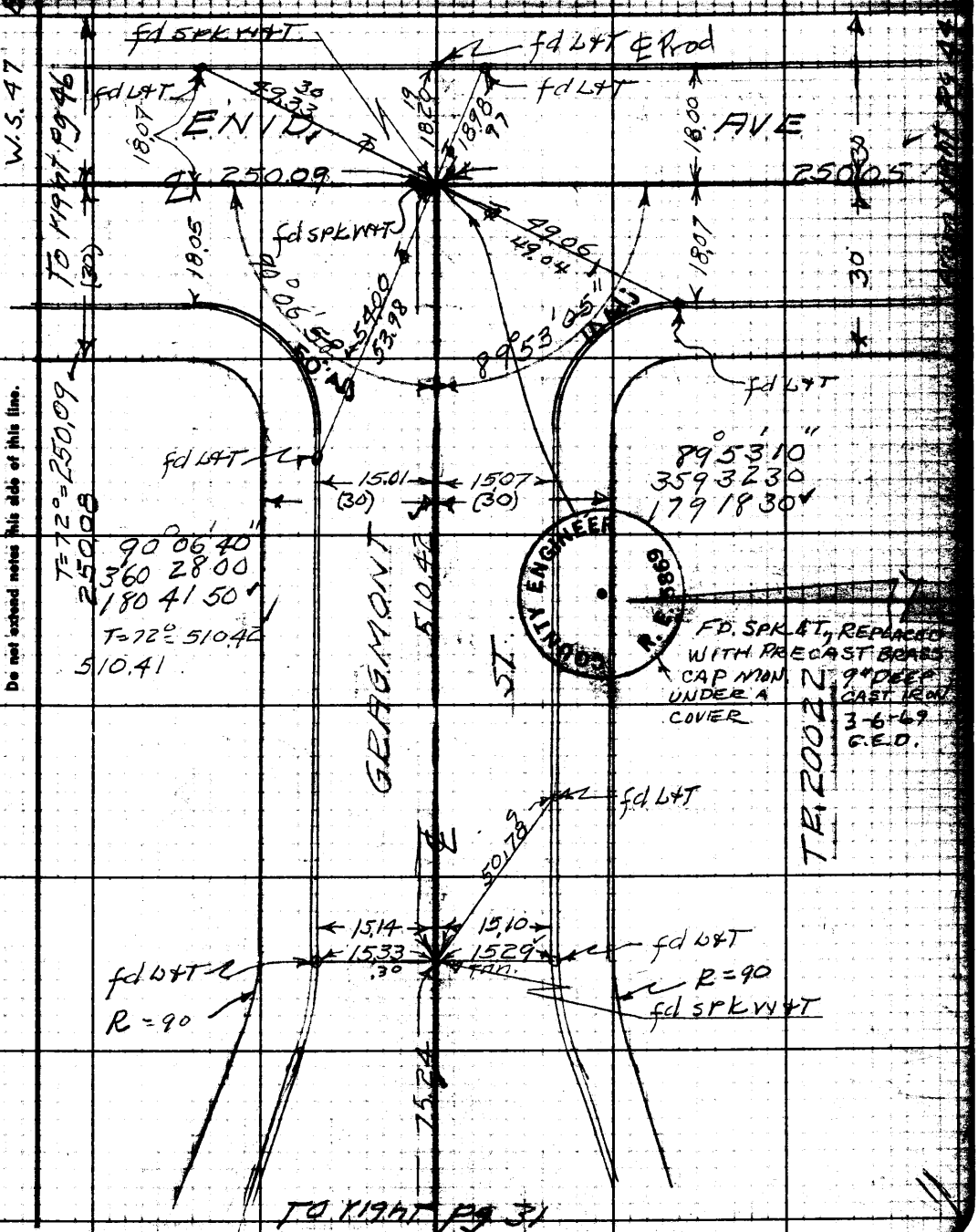
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

PWFB 1531 809

Notes Ck'd by W. Brenner	Survey of Banewell Press	F. B. 2175 Pg. 48
Map No.	JN 03930 Tape 0101 Std 68 °F	
Office Work	Surveyed by R L Willey	
Checked	Notes " Date 10-15-57	
Date	Indexed C. Johnson	



W.S. 47 B-3 & C-3

TO Right Pg 46

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

Do not extend notes this side of this line.

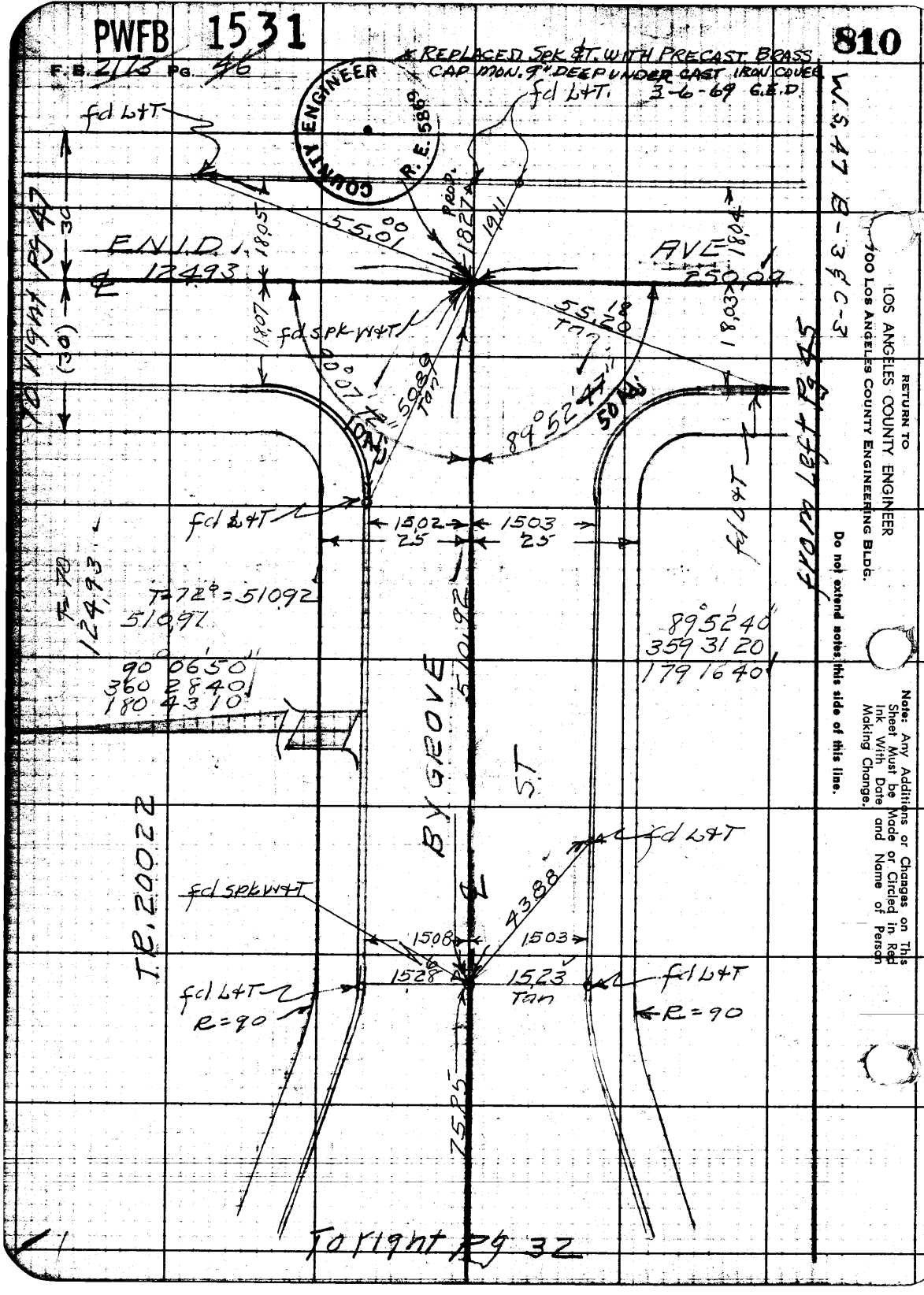
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

PWFB 1531

810

F.B. 2173 Pg. 46



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

Do not extend notes this side of this line.

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

PWFB 1531

811

Notes Ck'd by W. Brenner	Survey of Bonewell Ave 55
Map No.	IN 030390 Tape 0101 Std 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 10-17-18
Date	Indexed C. Johnson

F. B. 2173 Pg. 47

TO 60T Pg #49

TB 20022

W.S. 47 C-3

990510
362200
234 33 10

COUNTY ENGINEER R. E. 5869

FD. B. SPK. & T. REPLACED WITH PRECAST BRASS CAP MON 9" DEEP UNDER CAST IRON COVER 3-6-69 G.E.D.

AVE

(30)

(30)

(30)

(30)

1806

1805

fd L&T

99 05 56 35 Adj

54 81

47.79

SET L&T

ALCROSS

527.38

18.48 PROD

NOT FD. 18.47 18.24

Fd. L-T

TO 60T Pg 48

25

25

15.07

15.02

(25)

ST

80 54 20 25 Adj

79.19

T=20

79.19

80 54 20
323 37 20
125 25 50

fd L&T

18.01

18.13

18.11

18.32

FD. SPK. W. & T.

fd L&T

29.83

23.58

28.89

PI

fd SPK W&T

17.14

29.83

23.58

31.48

171 00 50
324 05 00
306 07 20

fd L&T

fd L&T

18.26

18.26

FD. SPK. W. & T.

COUNTY ENGINEER R. E. 5869

REPLACED SPK. W. & T. WITH PRECAST BRASS CAP MON. 9" DEEP UNDER CAST IRON COVER 3-6-69 G.E.D.

END 12493

(30)

(30)

Δ = 8°58'58"
R = 300.26
T = 23.58
L = 47.06

CONT. UPPER LEFT PG 46

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 [illegible] this line.

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

763098 CE #247

PWFB 1531

812

F.B. 2173 Pg. 35

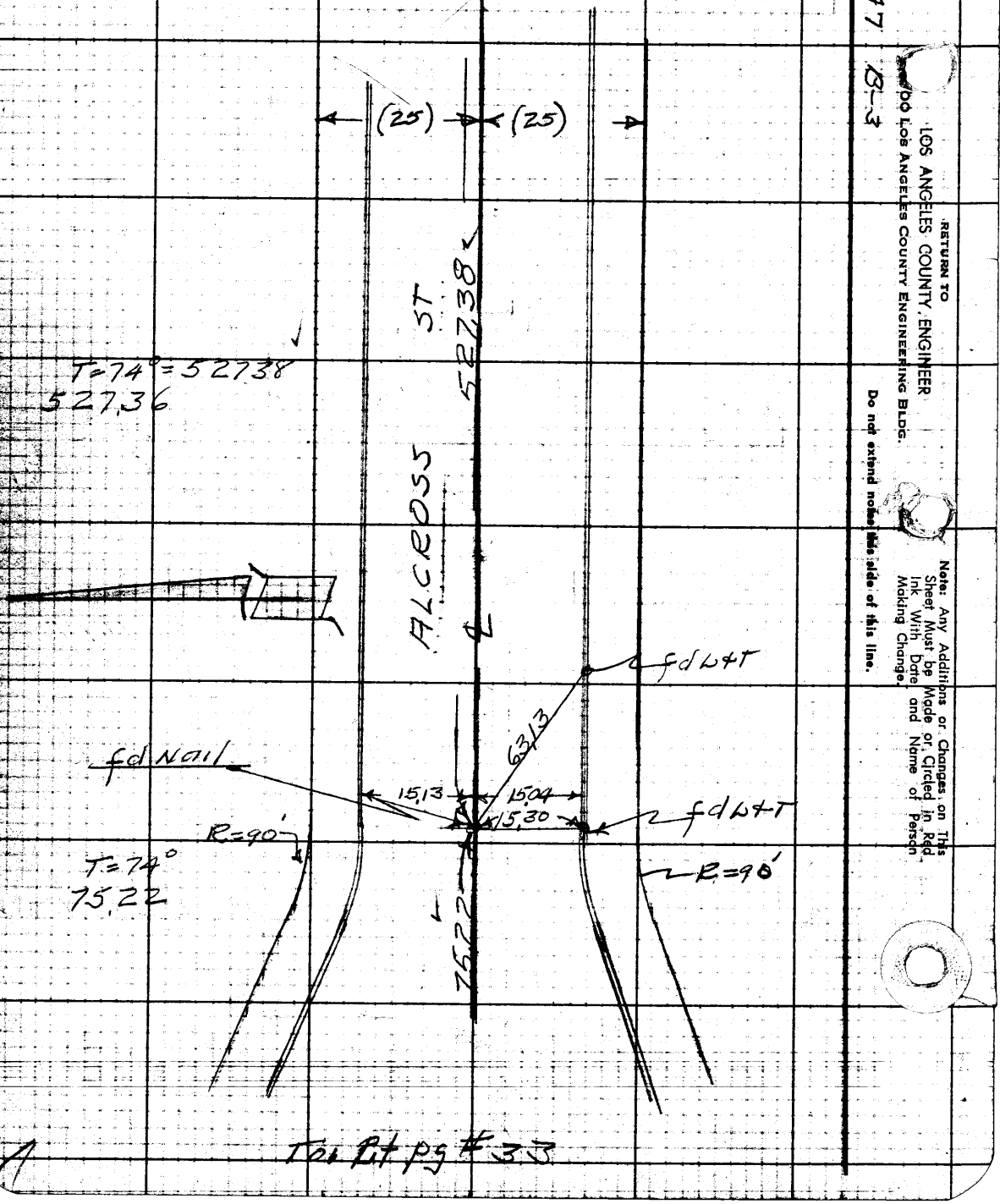
cont from Left pg # 47

W.S. 47 B-3

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

Do not extend notes this side of this line.

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



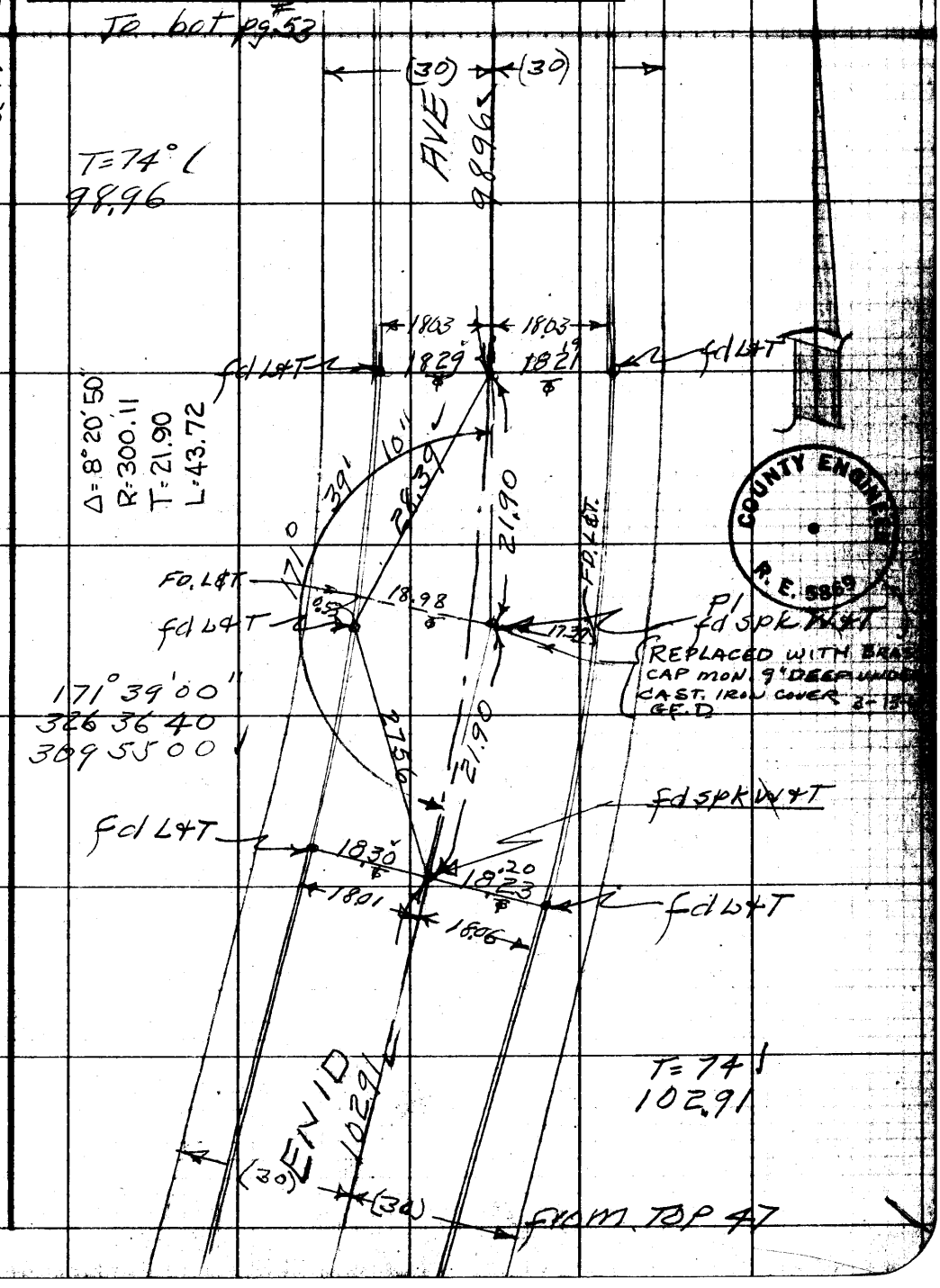
PWFB 1531 813

Notes Ck'd by W. Brenner	Survey of Banewell Ave
Map No.	JN 030300 Tape 0101 Std 68 °F
Office Work	Surveyed by R.L. Willey
Checked	Notes 11 Date 12-8-58
Date	Indexed A. C. Johnson

F.B. 2173 Pg. 49

C-3

W.S. 47



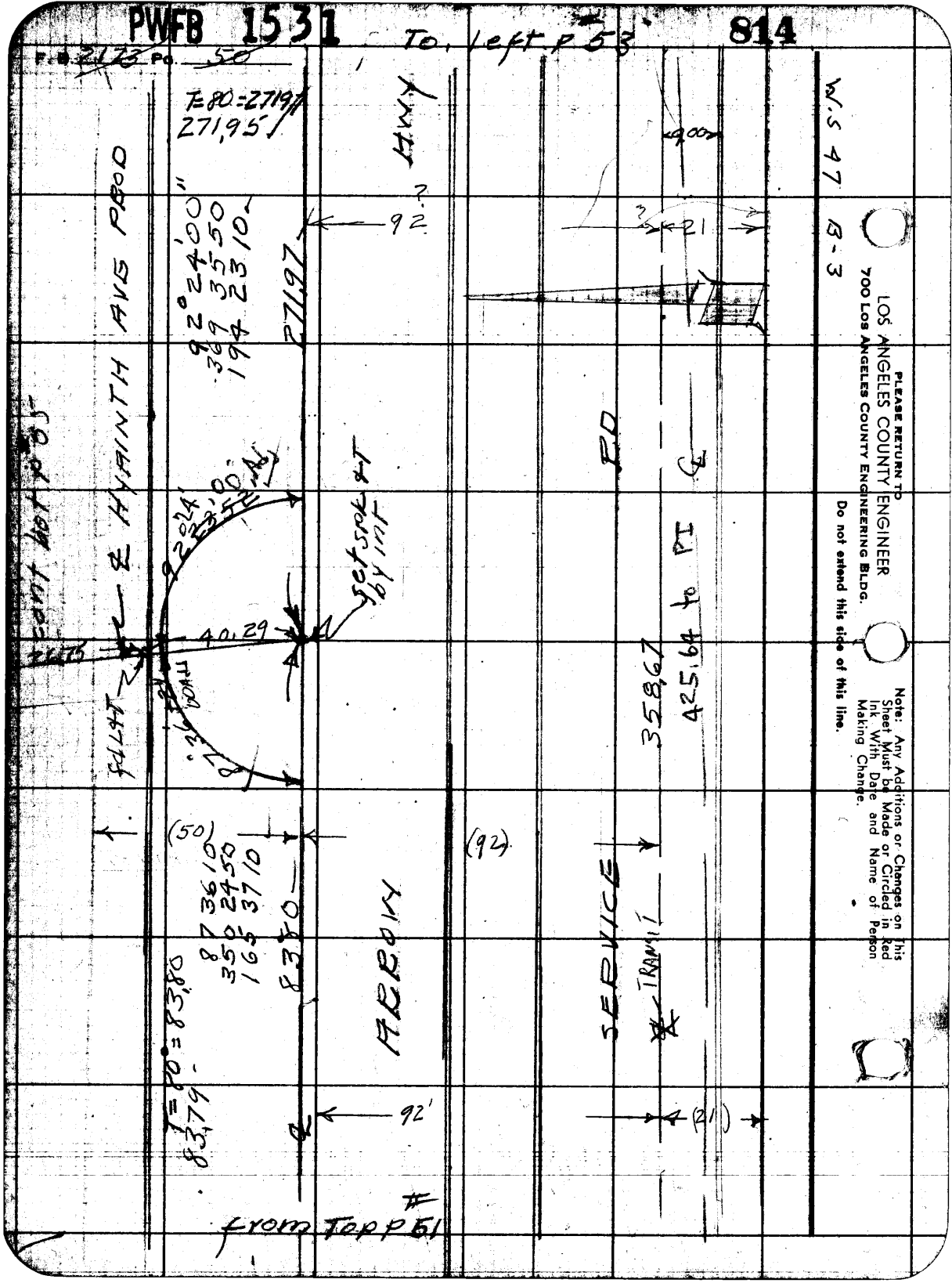
COUNTY ENGINEER R.E. 5869

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309B S&E #247 1-56



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

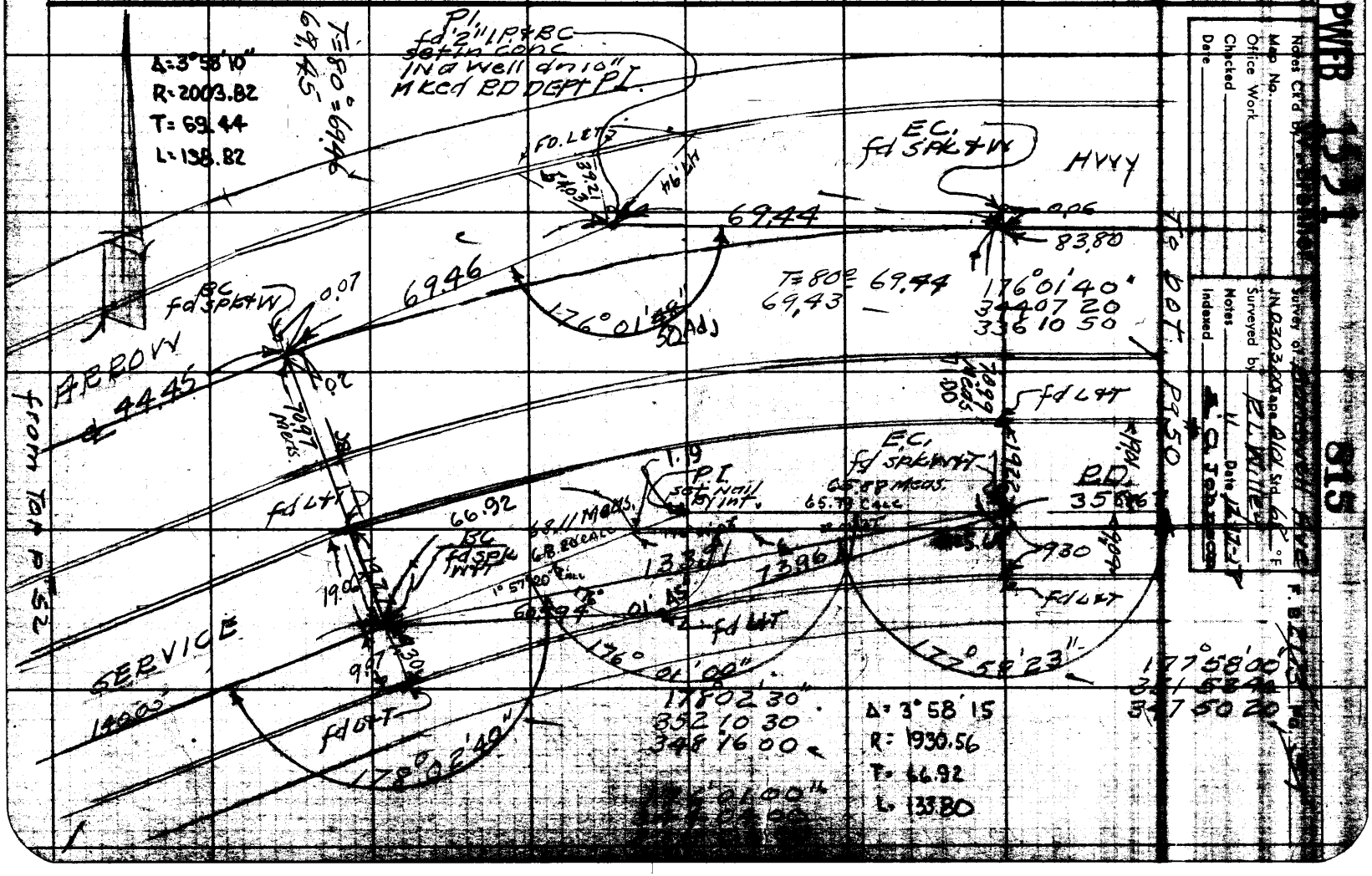
76F3098 S&E #247 1-56

"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.

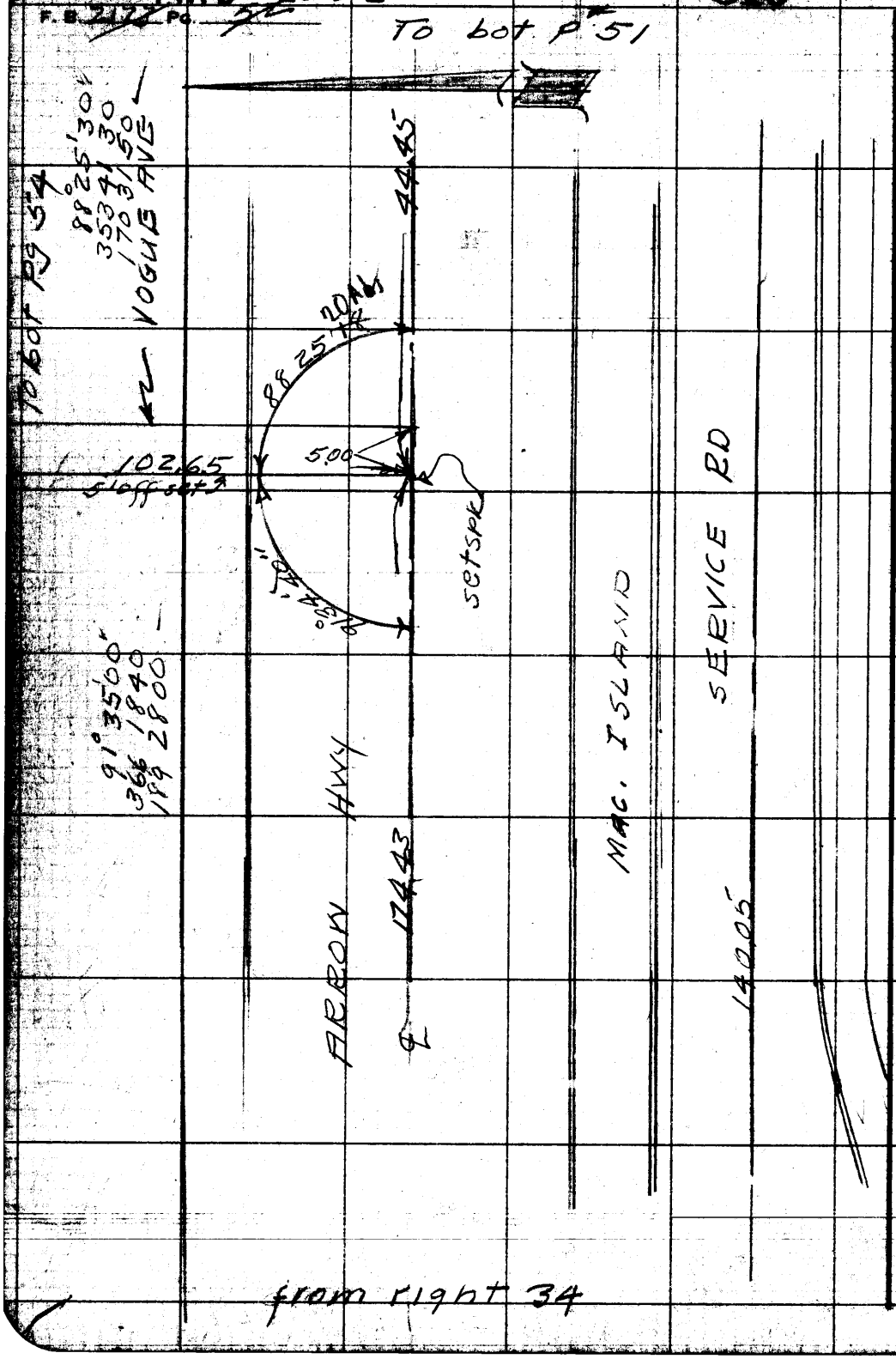
Do not extend this side of this line.

W.S 47 B-3



PWFB 1531 816

F. B. 2177 Pg. 52



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

DWER 1531 R17

Notes Ck'd by W. Brenner
Survey book
F. B. 21? Pg
Office Work
Checked
Date
Surveyed by R. Willey
Date 12-17-
Indexed C. Johnson

C-3

W.S. 47

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

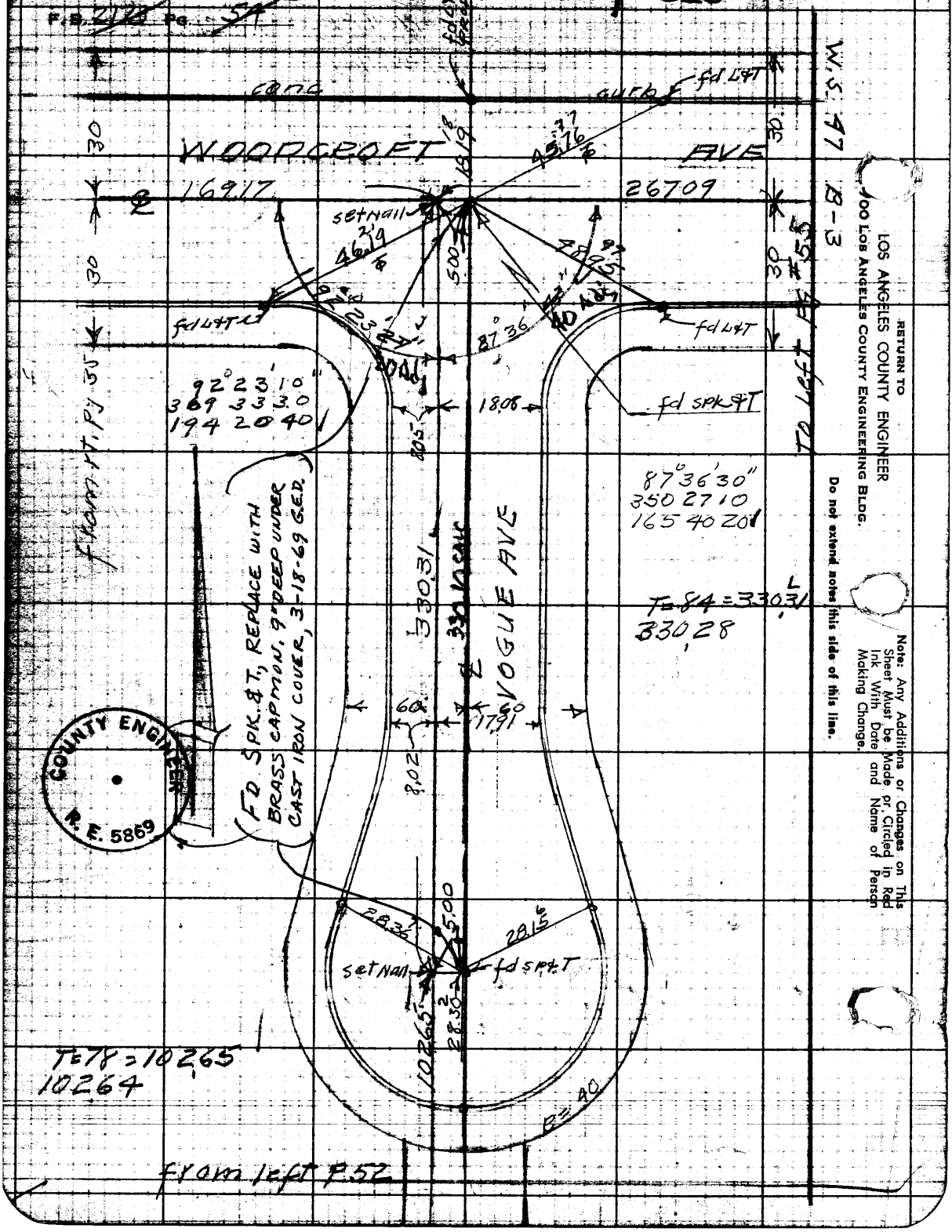
Do not extend notes this side of this line.

LOS ANGELES COUNTY ENGINEER
LOS ANGELES COUNTY ENGINEERING BLDG.

CE #247—7-55

PWFB 1531 818, 819

F.B. 2178 Pg. 54



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

Do not extend notes this side of this line.

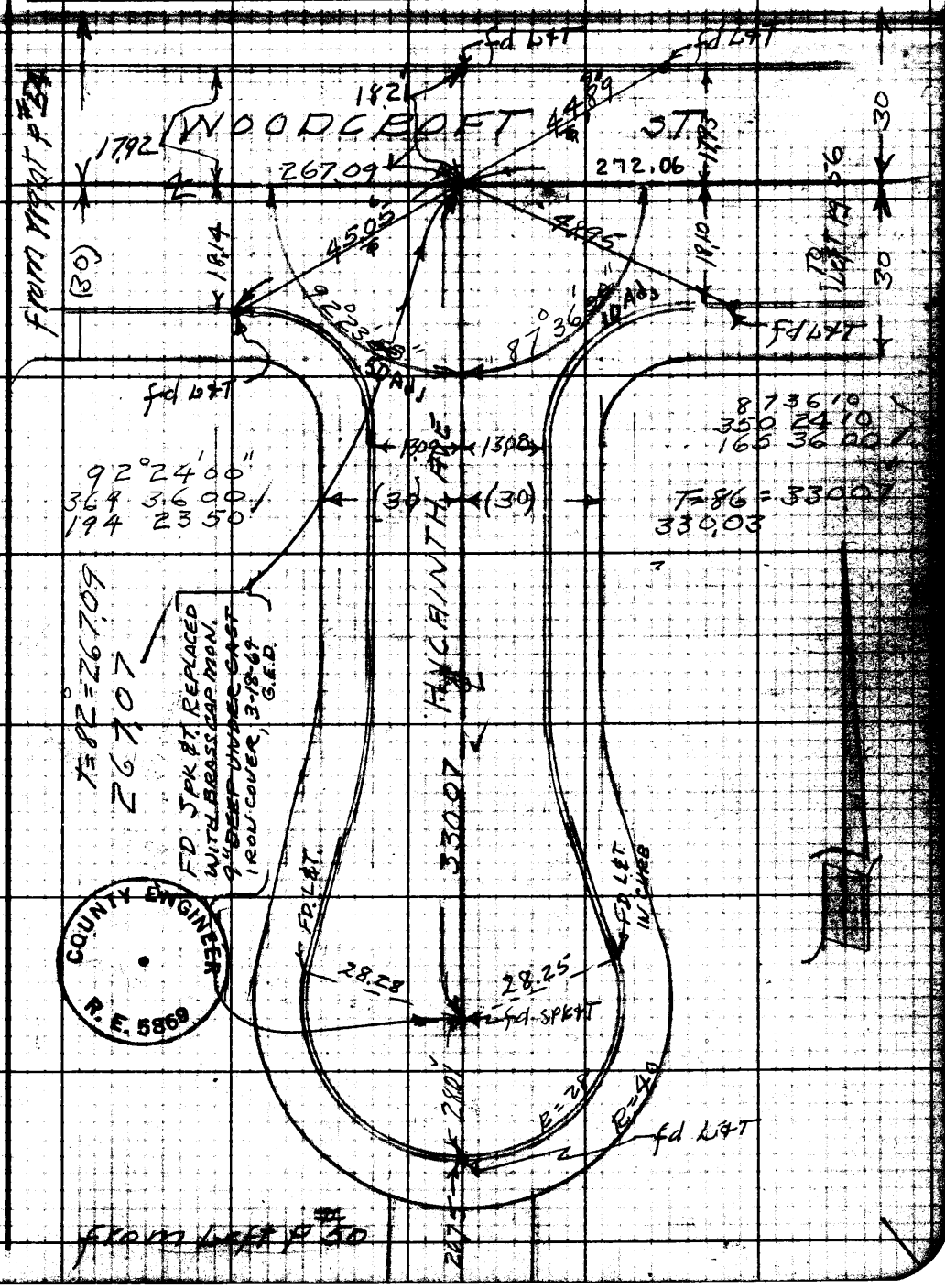
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1531 820, 821

Notes Ck'd by W. Brenner	Survey of Banewell Ave SS	F. B. 2173 Pg. 55
Map No.	IN 03030 Date 6/01 Sht 68 of	
Office Work	Surveyed by R L Willey	
Checked	Notes C. Johnson Date 10-17-18	
Date	Indexed	

B-3

W.S 47



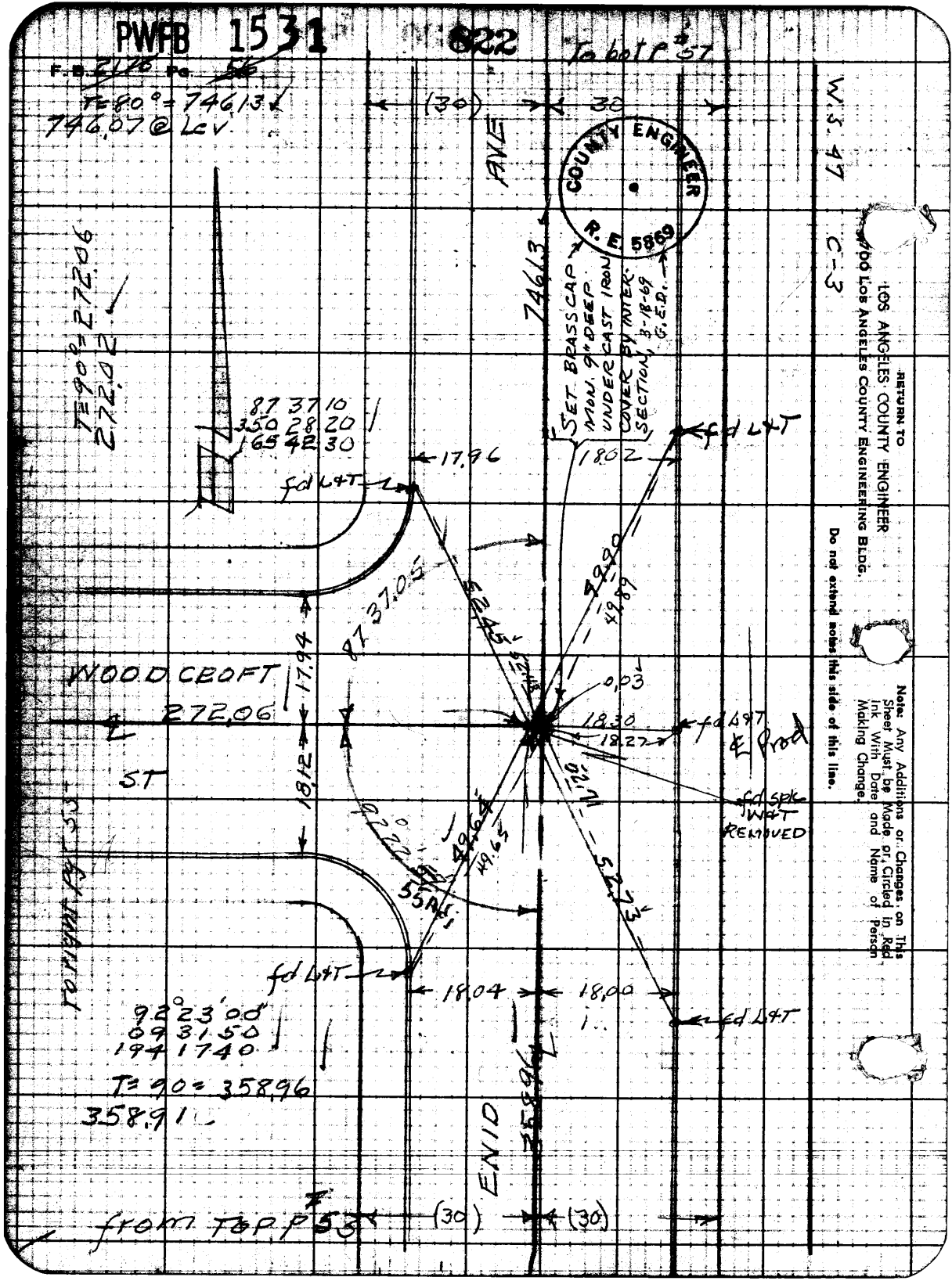
COUNTY ENGINEER R. E. 5869

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

Do not extend notes this side of this line.

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

76BC98 CE #247—7-53


PWFB 1531
822
To bot P #57
F.B. 2176 Pg. 56
T=80°=74613
746.07 @ Lev
(30)
30
AVE
COUNTY ENGINEER
R.E. 5869
W.S. 47
C-3
74613
SET BRASS CAP MON. 9" DEEP UNDER CAST IRON COVER BY INTER-SECTION, 3-18-69 G.E.D.
T=90°=272.06
272.02
87 37 10
350 28 20
165 42 30
17.96
fd L&T
18.02
fd L&T
87 37.05
52.45
49.90
49.89
WOOD CROFT
272.06
17.94
0.03
18.30
18.27
fd L&T
℄ Prod
ST
18.12
fd spk W&T REMOVED
92°22'
49.64
49.65
52.73
55 Adj
fd L&T
18.04
18.00
fd L&T
92°23'00"
093150
194 1740
T=90=358.96
358.91
ENID
358.96
from Top P 53
(30)
(30)
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

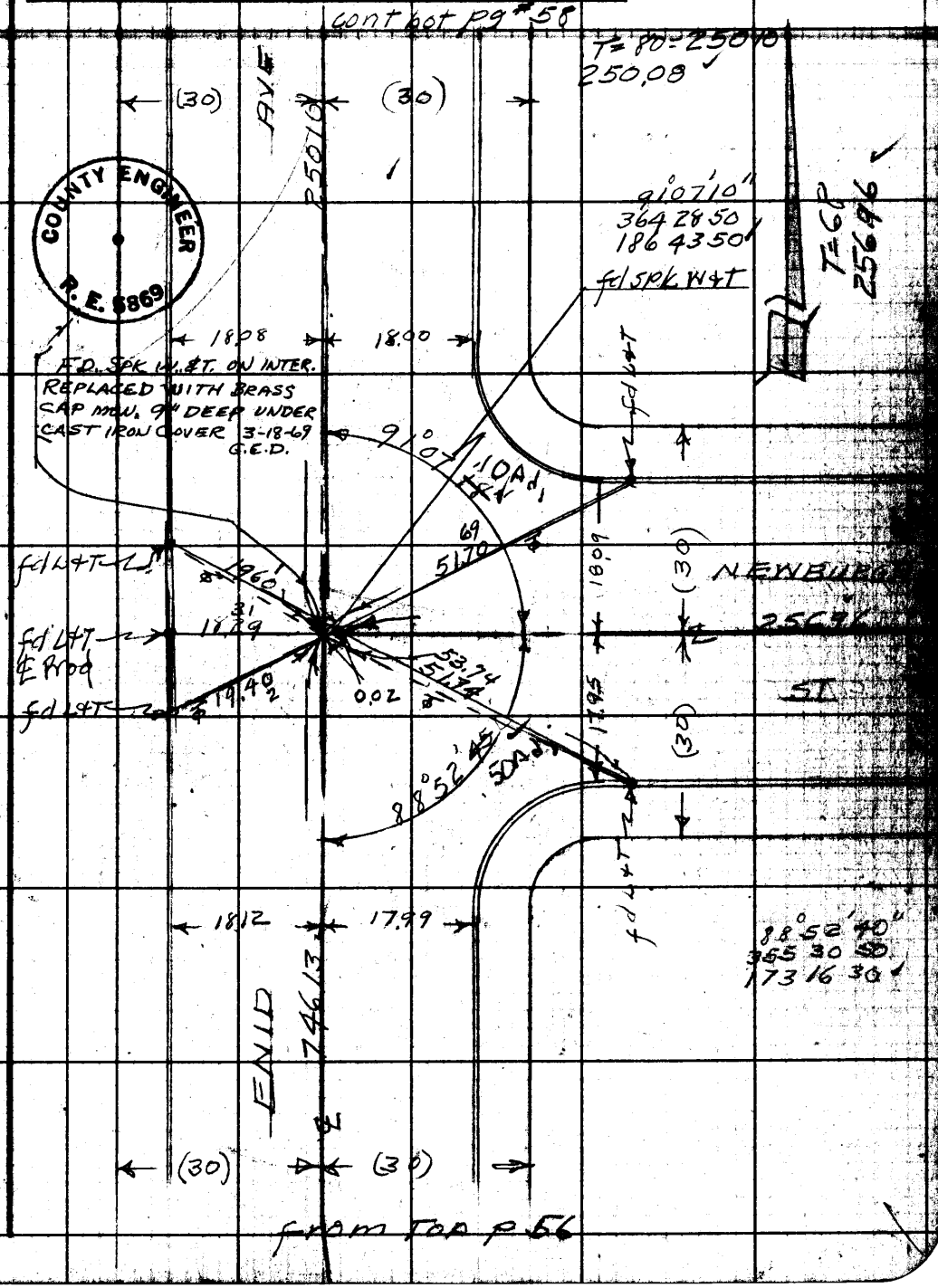
PWFB 1531 823

Notes Ck'd by	Survey of
Map No.	JN 030300 Tape 0101 Std. 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes Date 10/17-58
Date	Indexed C. Johnson

F. B. 2175 Pg. 27

C-3

W.S 47



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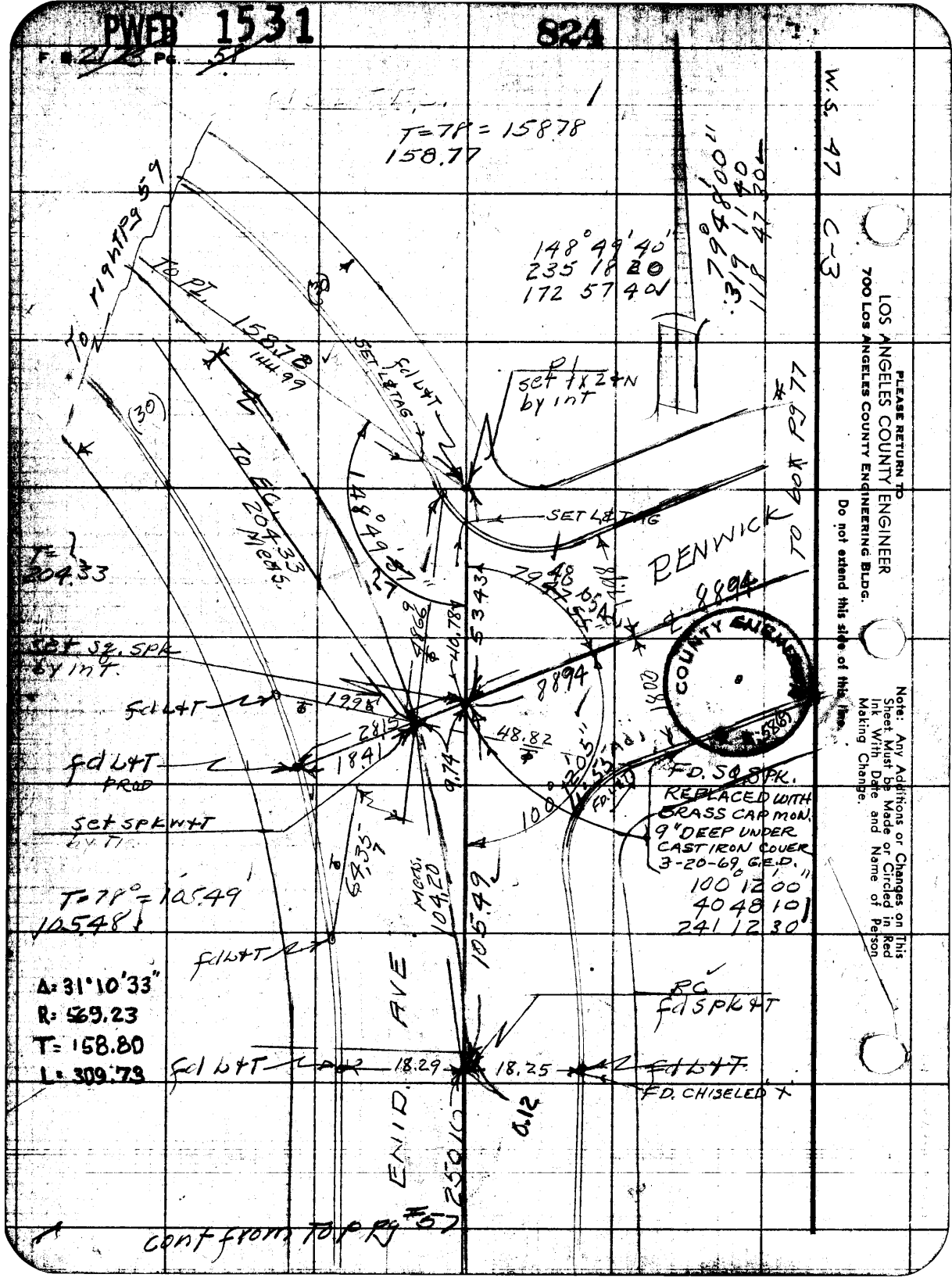
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3096 S&E #247 1-56

PWEB 1531

F. B. 212 Pg. 57

824



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

PWFR 1531 825

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

Survey of [illegible]
JN 030300 Tape 0191 Std 68 °F
Surveyed by [illegible]
Notes
Date 10-20-58
Indexed C. Johnson

F. B. 2175 Pg. [illegible]

C-3

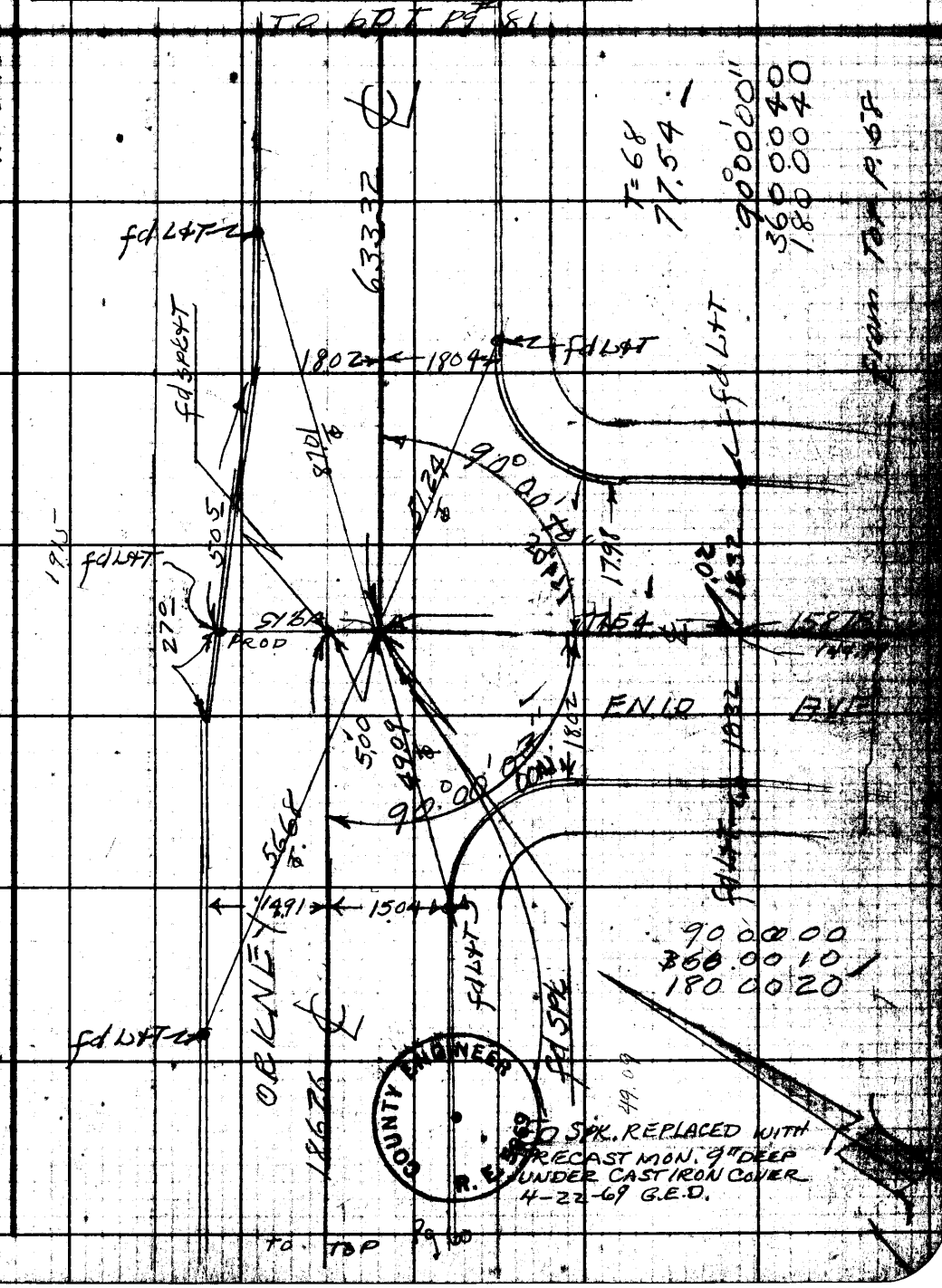
W.S. 47

TO 60 T 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.

Do not extend this side of this line.

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

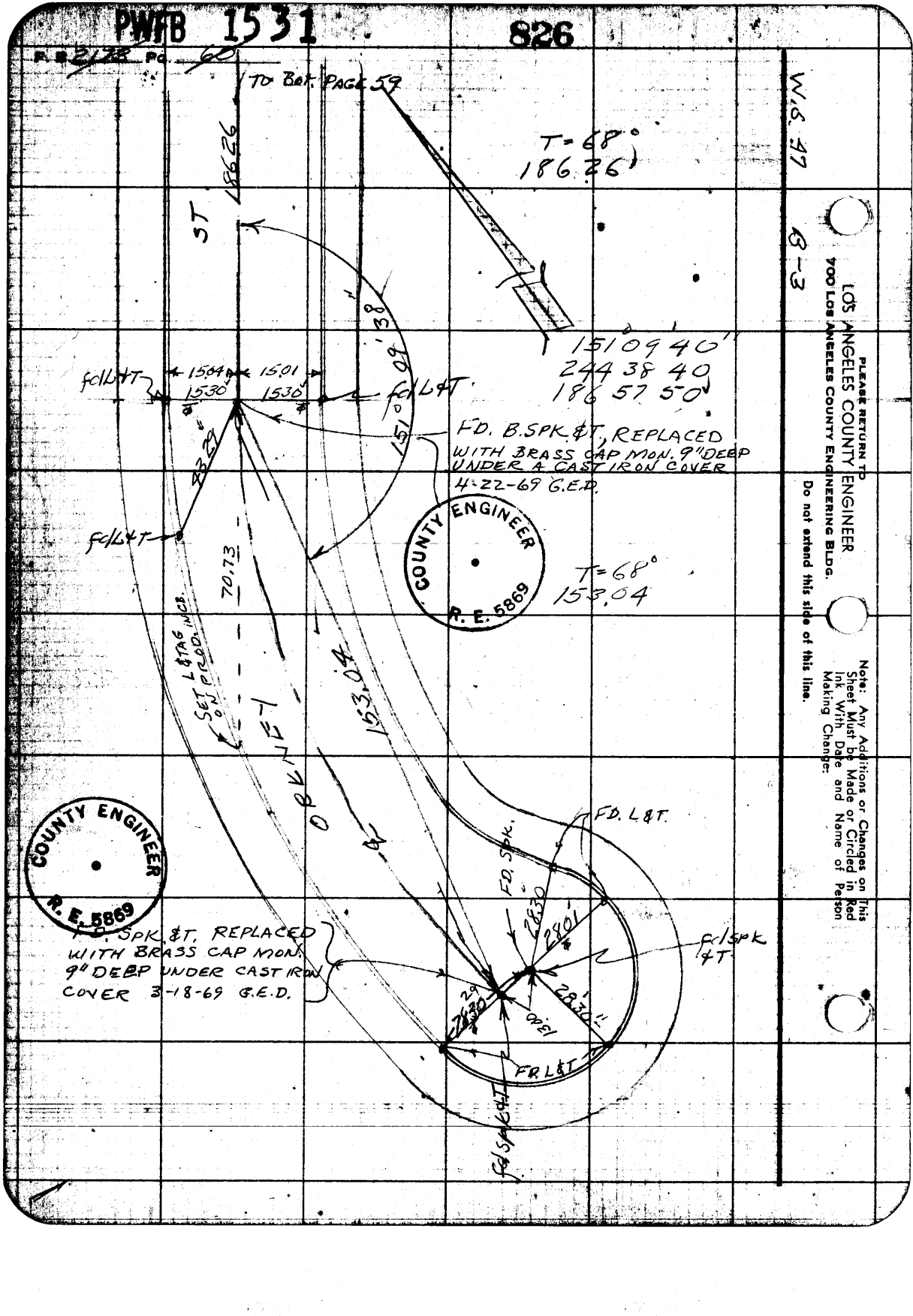


COUNTY ENGINEER R.E. 5869

76F3098 S&E #247 1-56

PWTB 1531 826

F.B. 2128 Pg. 60



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
900 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.

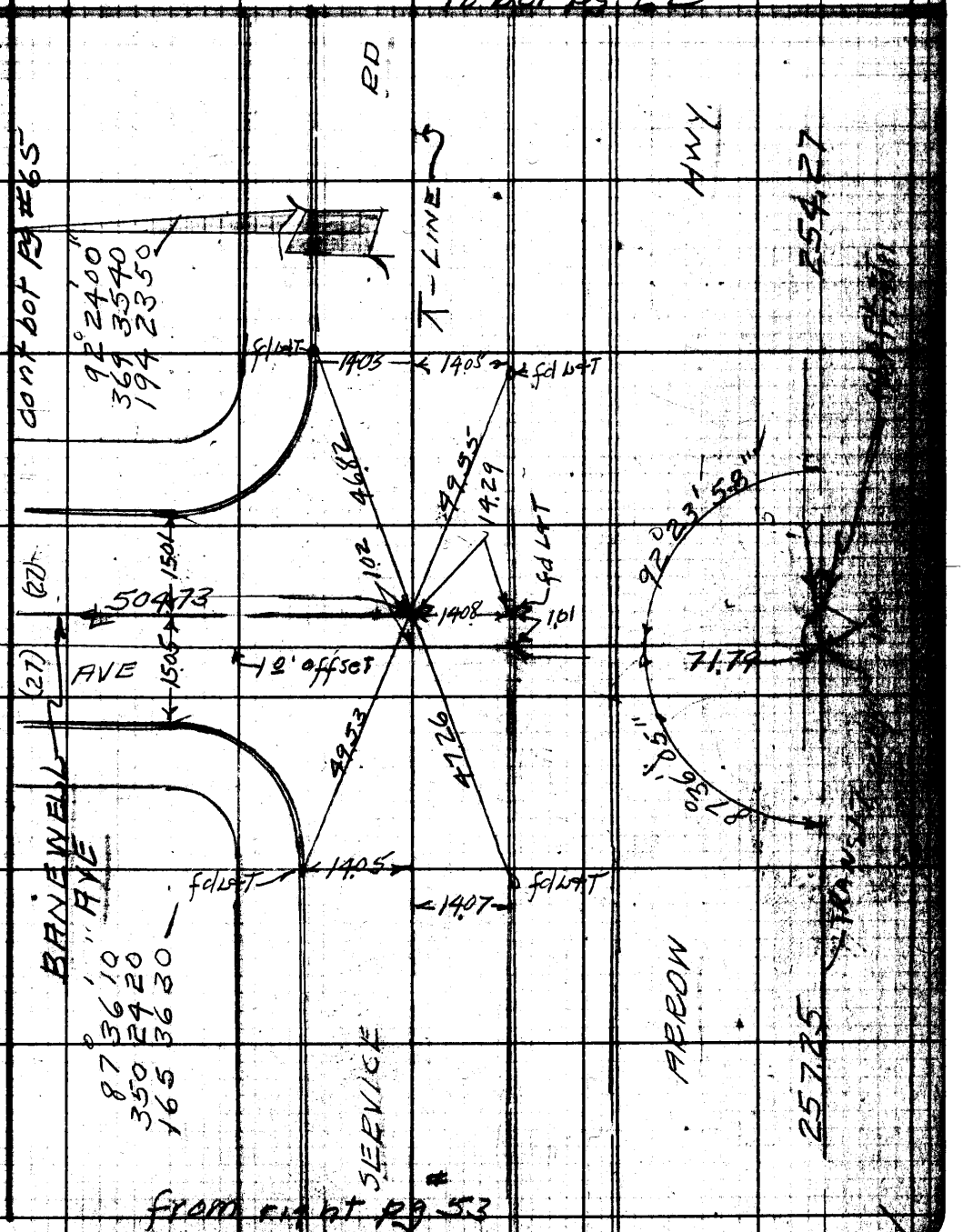
PWFB 1531 827

Notes Ck'd by W. Brenner	Survey of Banewell Ave
Map No.	JN 030300 Tape 0101 Std 68 °F
Office Work	Surveyed by E L Willey
Checked	Notes " Date 10-20-58
Date	Indexed A. C. Johnson

F.B. 2175 Pg. 61

C-3

To bot pg. 62



from right pg. 53

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

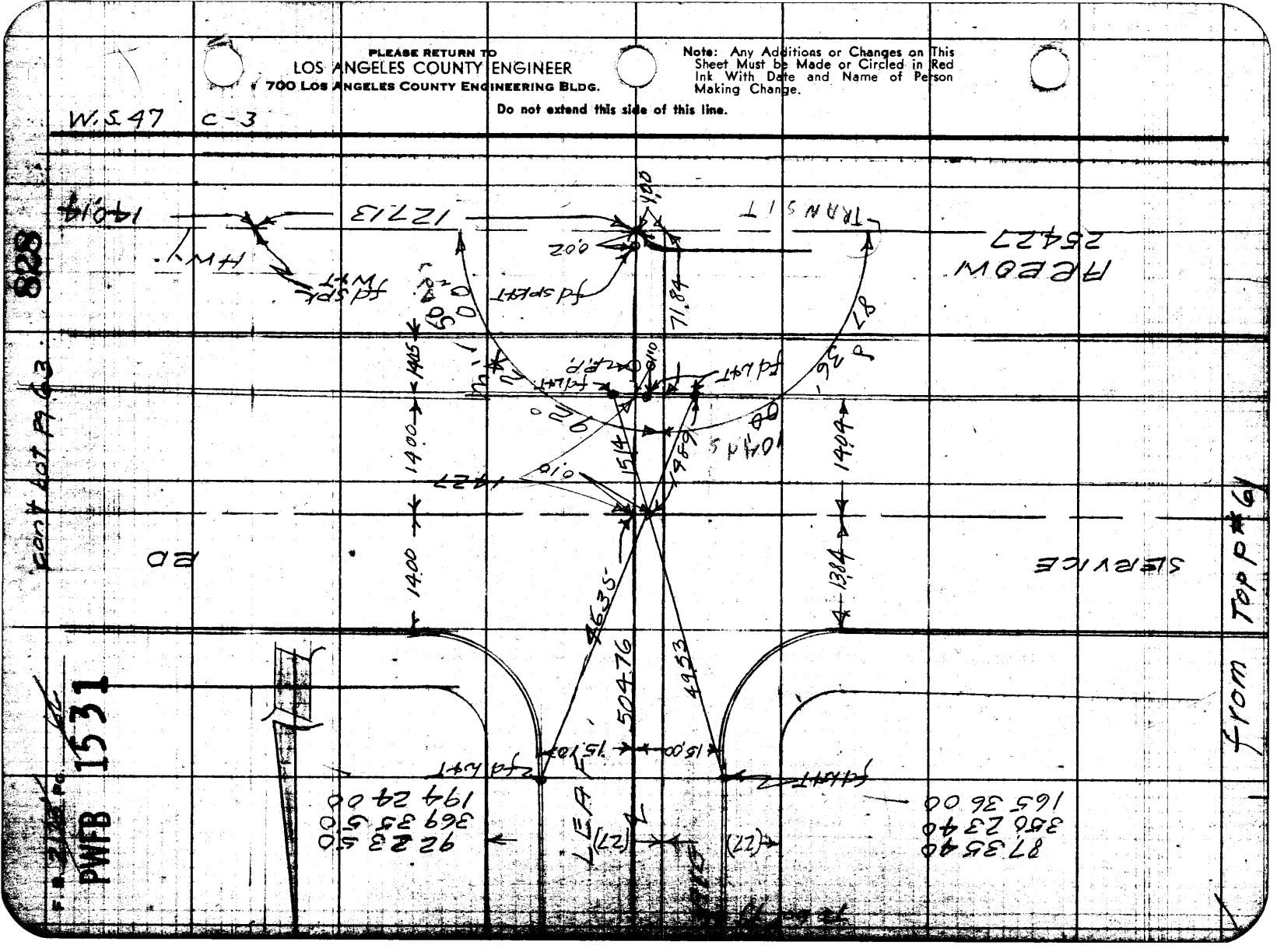
76F309S S&E #247 1-56

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.

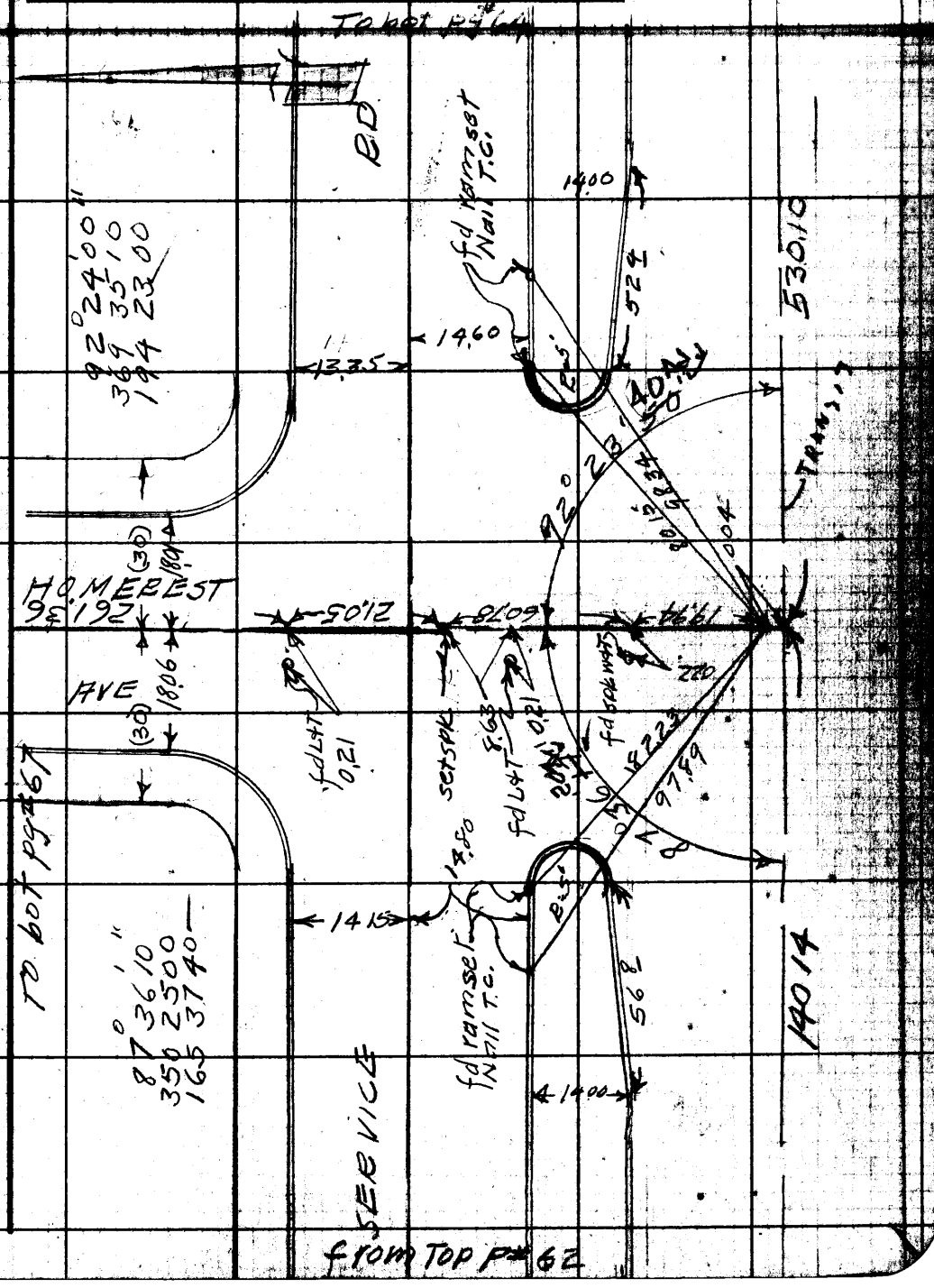
Do not extend this side of this line.

W.S 47 C-3



PWFR 1531 529

Notes Ck'd by W. Brenner	Survey of Bonewell Ave
Map No.	JN 030300 Tape 0101 Std 68 °F
Office Work	Surveyed by R L Willet
Checked	Notes " Date 10-21-58
Date	Indexed C. Johnson

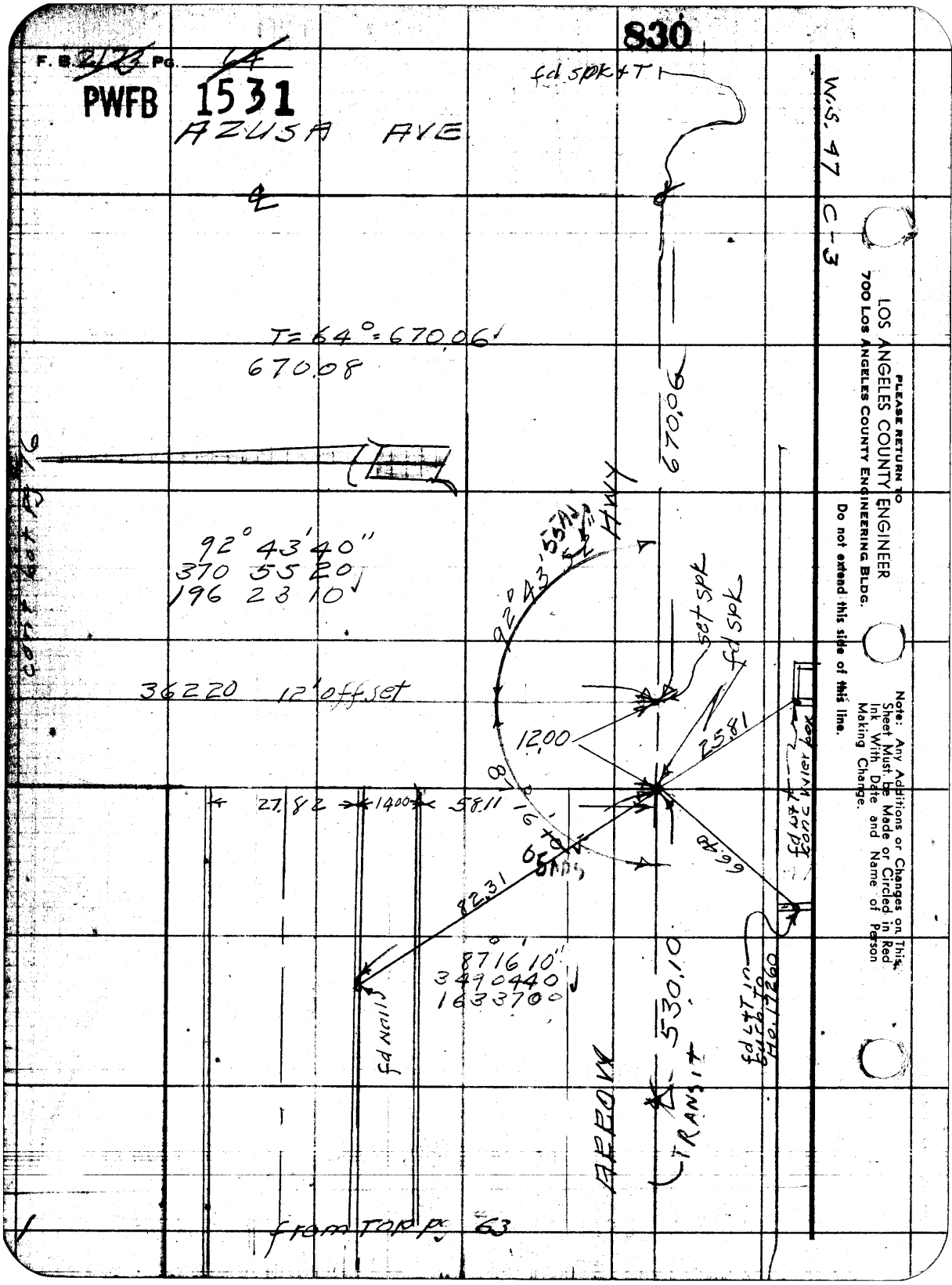


Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3098 S&E #247 1-56


830
F. B. 2/73 Pg. 64
PWFB 1531
AZUSA AVE
W.S. 47 C-3
fd spk + T
T=64°=670.06'
670.08
670.06
92° 43' 40"
370 55 20
196 23 10
36220 12' offset
92° 43' 55" 52" HWY
set spk
fd spk
12.00
25.81
27.82
14.00
58.11
87° 16' 10"
82.31
66.40
fd nail
87° 16' 10"
3490440
1633700
530.10
ARROW
TRANSIT
fd LT in curb to Ho. 17260
fd LT conc wier box
from top pg 63
cont bot pg 76
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

PWFB 1531 831

Notes Cl'd by W. Bronner	Survey of Banewell Ave F. B. 2175 Pg. [illegible]
Map No.	JN 020300 Lape 0101 Std. 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes 11 Date 11-2-58
Date	Indexed A. C. Johnson

TR 18745

C-3

W.S. 47

To right Pg. # 70

27° 27

606.15

BANEWELL AVE

set spk

50473

15.00 14.98

from left Pg # 61

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 1-56

F. B. 2128 Pg. 66

PWFB 1531

To right pg #70

832

W.S. 47

C-3

(27) (27)

58270

T=80°=58270

58265

LEAF AVE

set spkt

T=80=50476

50472

50476

1500 1500

(27) (27)

from left pg 62

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

PWFB 1531 833

Notes Ck'd by W. Brenner	Survey of Bonewell Ave F. B. 2125 Pg.
Map No.	JN 030300 Tape 0101 Std. 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes Date 12-2-58
Date	Indexed C. Johnson

TR 18745

C-3

W.S. 47

To bot p 68

(30) (30)

AVE 27802

FD. L&T.

92° 24' 00"
369 36 00
194 24 10
92° 24' 02"

56.62

1812 1797 fd Nail

fd Nail .07

19.31

1918

48.96

48.91

NOT ⌀

ADJ

1502

MILLBURGH RD

fd SPK WAT REMOVED

52794

set Nail

15.03

4870

55.92

NOT ⌀

53.92

54.04

87° 36' 00"

ADJ

1805 1800 fd Nail

FD. NAIL, REPLACED WITH BRASS CAP MON. 9" DEEP UNDER CAST IRON COVER 3-20-69 G.E.D.

FD. L&T.

HOMEREST 26136

87° 36' 00"
350 23 40
165 36 00

T=84°=261.36
261.33

COUNTY ENGINEER P. E. 5869

from left pg #63

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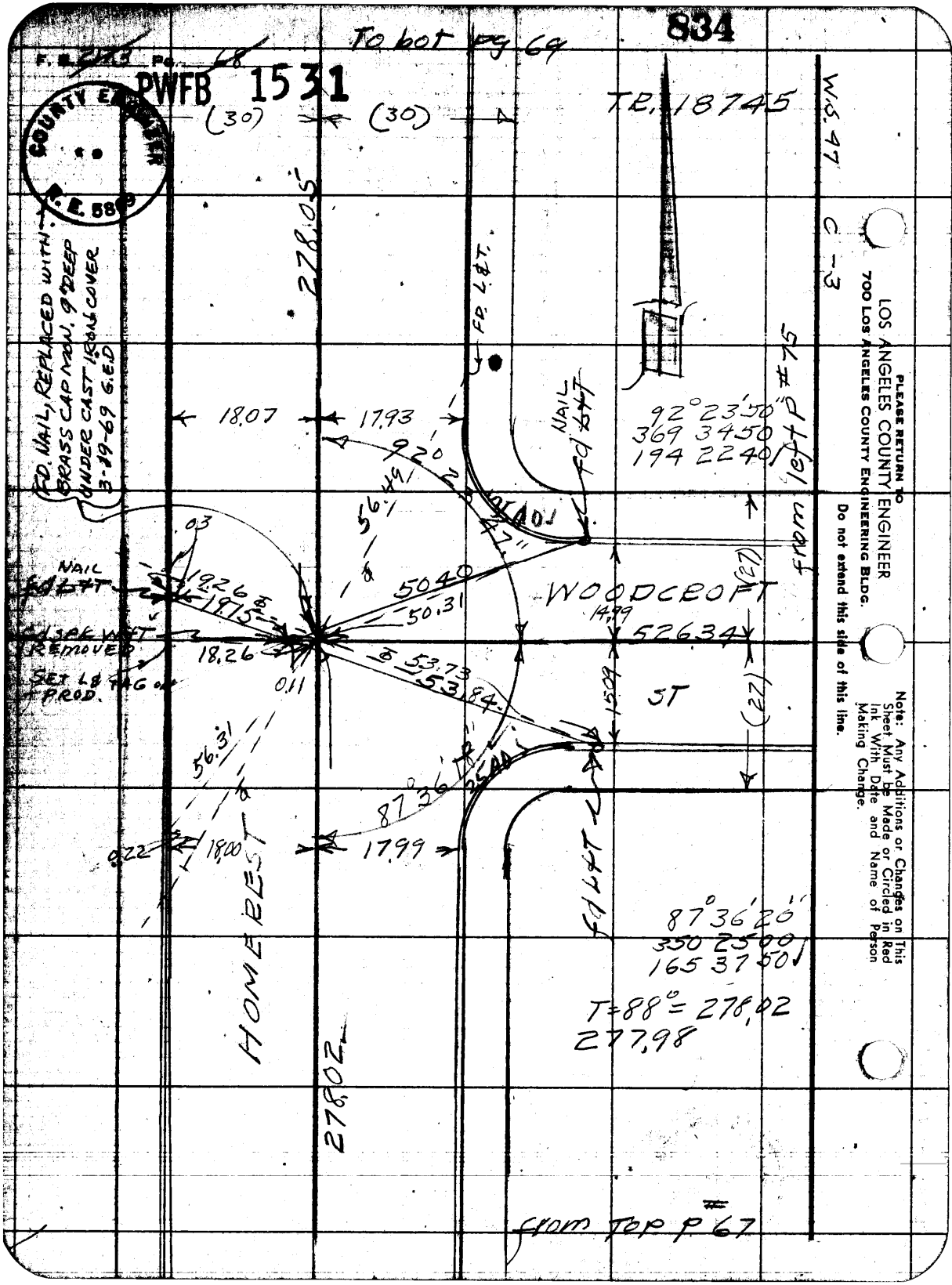
PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 1-56


834
To bot pg 69
PWFB 1531
COUNTY ENGINEER
R.E. 5869
(30)
(30)
TR. 18745
W.S. 47
C-3
278.05
FD. L&T.
FD. NAIL, REPLACED WITH BRASS CAP MON. 9" DEEP UNDER CAST IRON COVER 3-19-69 G.E.D
18.07
17.93
92° 23' 50"
369 34 50
194 22 40
NAIL
fd L&T
from left P #75
56.49
.03
NAIL
fd L&T
19.26
19.15
50.40
50.31
WOODCROFT
14.99
526.34
(27)
CD SPK WHT REMOVED
18.26
0.11
53.73
53.84
15.09
ST
(27)
SET L&T TAG or PROD.
56.31
87° 36' 18"
25.40
0.22
18.00
17.99
HOMEREST
fd L&T
87° 36' 20"
350 25 00
165 37 50
T=88° = 278.02
277.98
278.02
from TOP P #67
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

PWFB 1531 835

Notes Ck'd by W. Brenner	Survey of Banewell Ave. F. B. 2175 Pg. 51
Map No.	JN 030300 Tape C101 Std 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes 11 Date 12-3-58
Date	Indexed A C Johnson

TR 18745

C-3

W.S. 47

To bot pg #72

(30) (30)

AVE 276.21

T=92°=276.21
276.17

92° 23' 40"
369 34 40
194 21 50

18.07 18.00

fd ramset Nail
SET L&TAG

NAIL
fd SPK W&T
SET L.&TAG

48.12
47.77
92 23 35
135 ADJ

19.35
19.20
18.25

SET L&TAG PROD.

set Nail

LAXFORD RD
530.68

fd SPK W&T REMOVED

54.02
54.09

15.06
15.01

47.68
47.71
9.07

87° 36' 18"
25 ADJ

fd Ram set Nail

18.02 17.98

fd ramset Nail

87° 36' 30"
350 25 00
165 37 50

FD. NAIL, REPLACED WITH BRASS CAP MON. 9" DEEP UNDER CAST IRON COVER 3-19-69 G.E.D.

HOMEREST 278.05

T=90°=278.05
278.01

from top p# 68

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
700 Los Angeles County Engineering Bldg.

76F309S S&E #247 1-56

COUNTY ENGINEER R.E.

F. B. 273 PG. 30

PWFB 1531

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LOS ANGELES COUNTY ENGINEER
700 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.

PWER 1531 837

Notes Ck'd by W. Brenner	Survey of [illegible]	F. B. 2193	Pg. [illegible]
Map No.	JN 030200 Tape 0101 Std 68 °F		
Office Work	Surveyed by R.L. Willey		
Checked	Notes " Date 12-3-58		
Date	Indexed A. C. Johnson		

C-3

W.S. 97

Δ= 10°02'40"
R=497.73
T=43.74
L=87.26

cont Left, pg #72

169°57'20"
319 49 40
299 44 30

Set Nail by int

SET L&TAG

T=98=87.18
87.16

TR. 18745

NEW BURGH

BC set SPK&T

fd L&T

FD. SPK. &T

fd L&T

SET L&TAG ON PROD.

P.I. 68 NAIL, REPLACED WITH BRASS CAP MAN, 9" DEEP UNDER CAST IRON [illegible]

Δ=22°27'00
R: 199.34
T: 39.56
L: 78.11

168°47'10"
315 09 10
292 44 00

fd L&T

T=80=77.68
77.67

157°33'00"
270 11 50
225 17 40

Set Nail by int

from Top pg # 70

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.

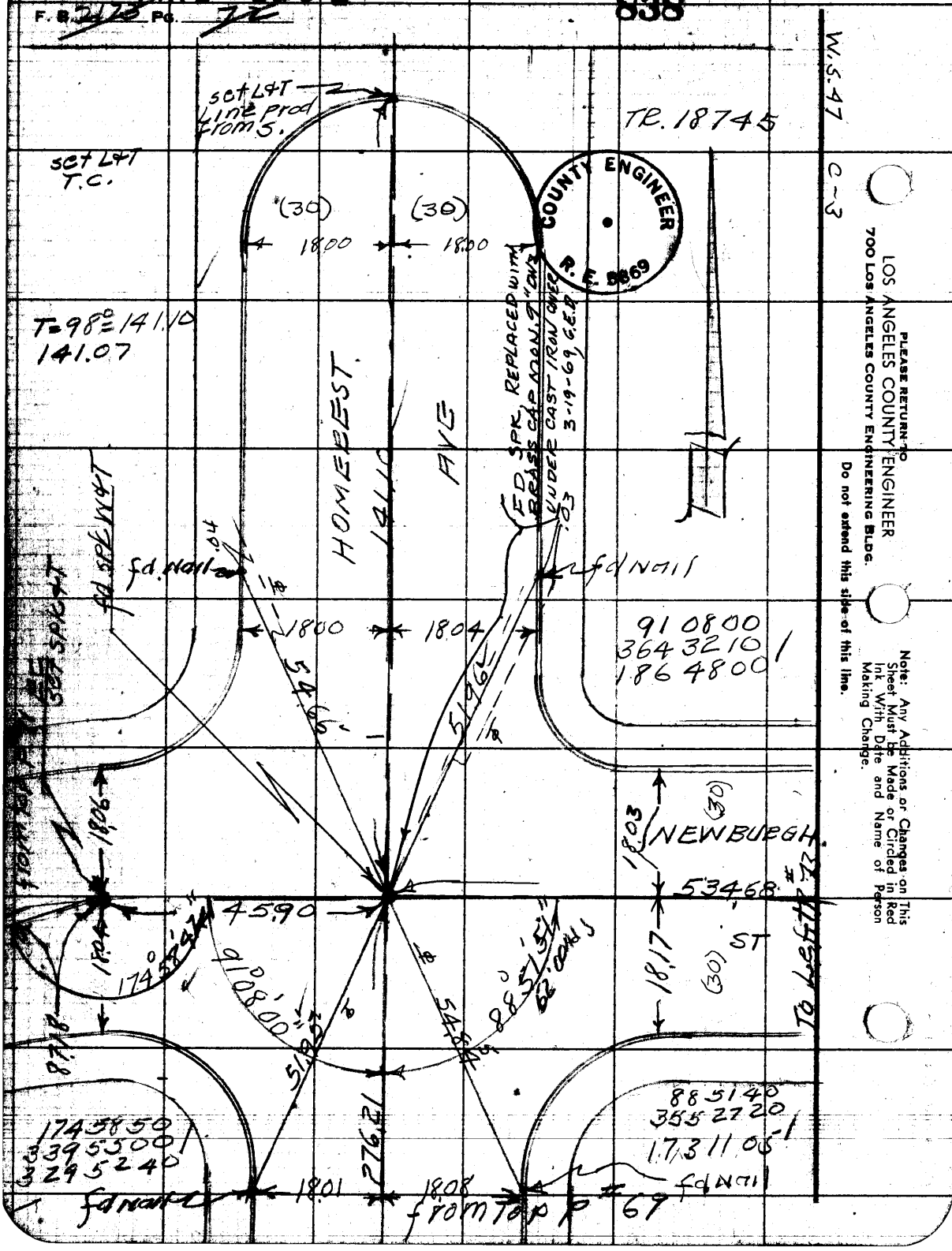
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 1-56

PWFB 1531

F. B. 2173 Pg. 72

838



COUNTY ENGINEER
R. E. 5869

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

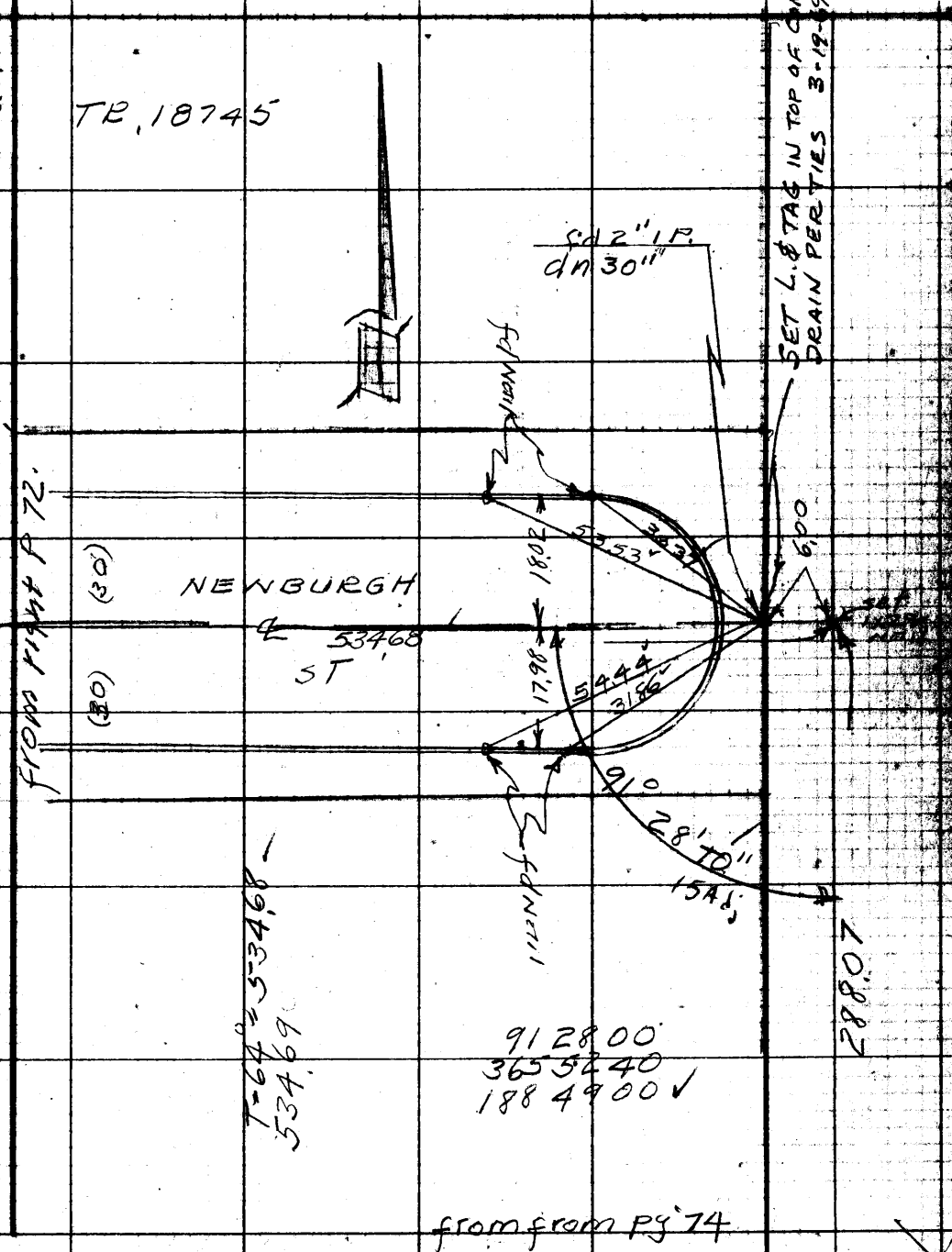
PWFB 1531

839

Notes Ck'd by W. Brenner	Survey of Rane Well Pipe F. B. 2175 Pg. 73
Map No.	JN 030300 Tape 0101 Std 68 °F
Office Work	Surveyed by R L Willot
Checked	Notes " Date 12-3-58
Date	Indexed K. C. Johnson

C-3

W.S. 47



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.

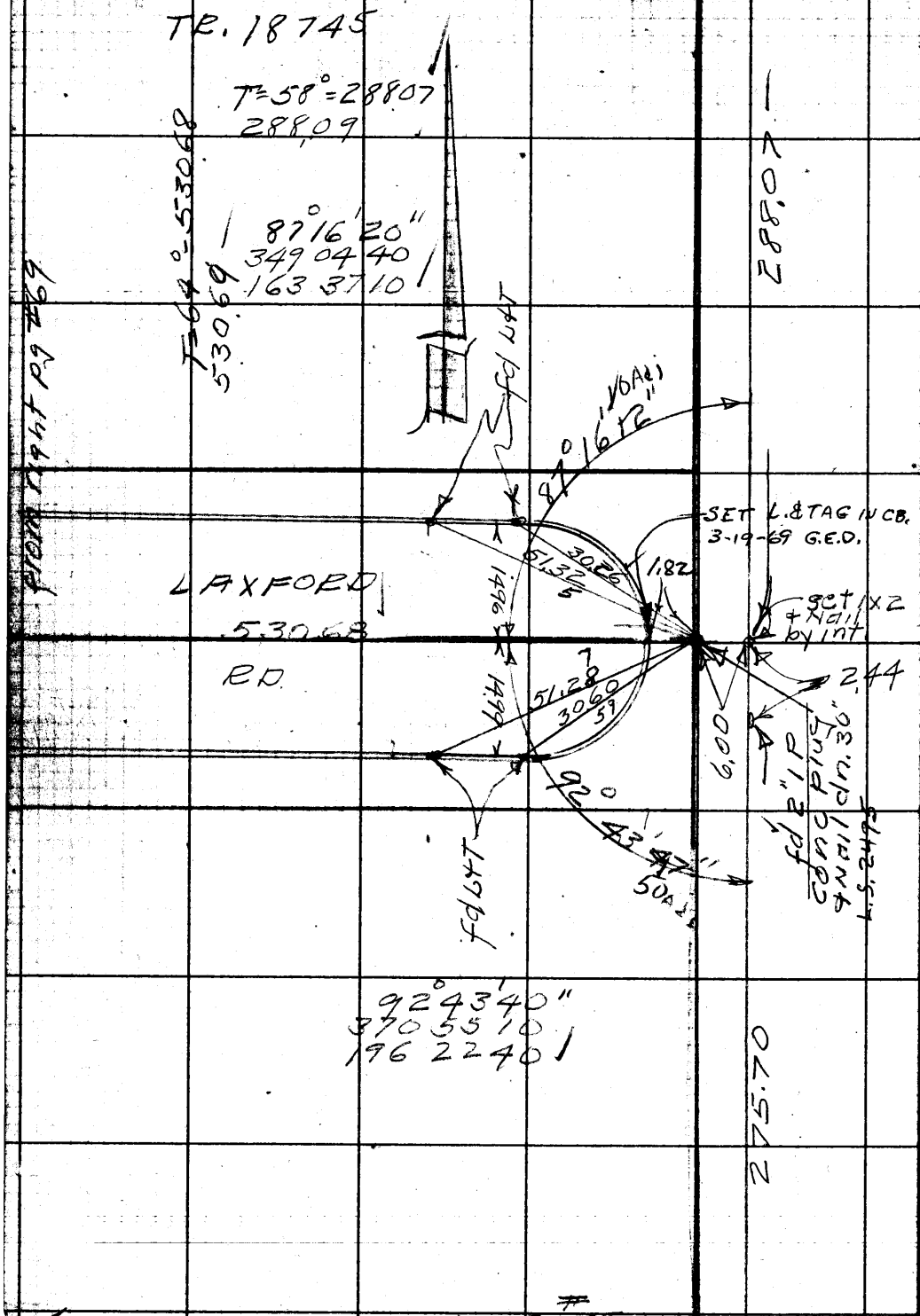
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 1-56

PWFB 1531 840

F.B. 2173 Pg. 74

To bot pg #73



from Top pg #75

W.S. 47

C-3

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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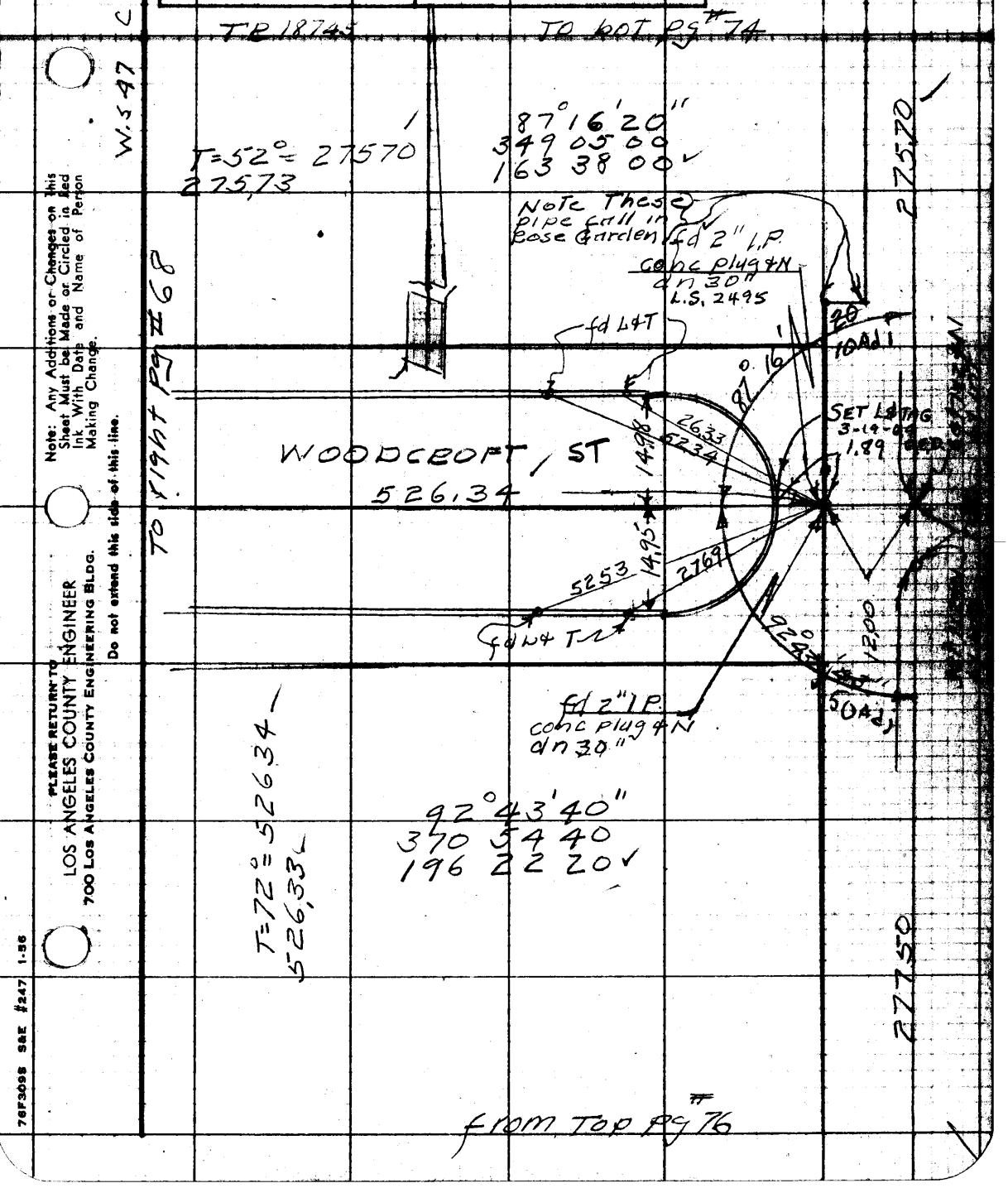
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1531

841

Notes Ck'd by W. Brenner	Survey of Banewell Ave
Map No.	JN 030300 Tape C101 Std 68 °F
Office Work	Surveyed by RL Willey
Checked	Notes RLW Date 12-5-58
Date	Indexed C. Johnson

F. B. 2175 Pg. 75



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

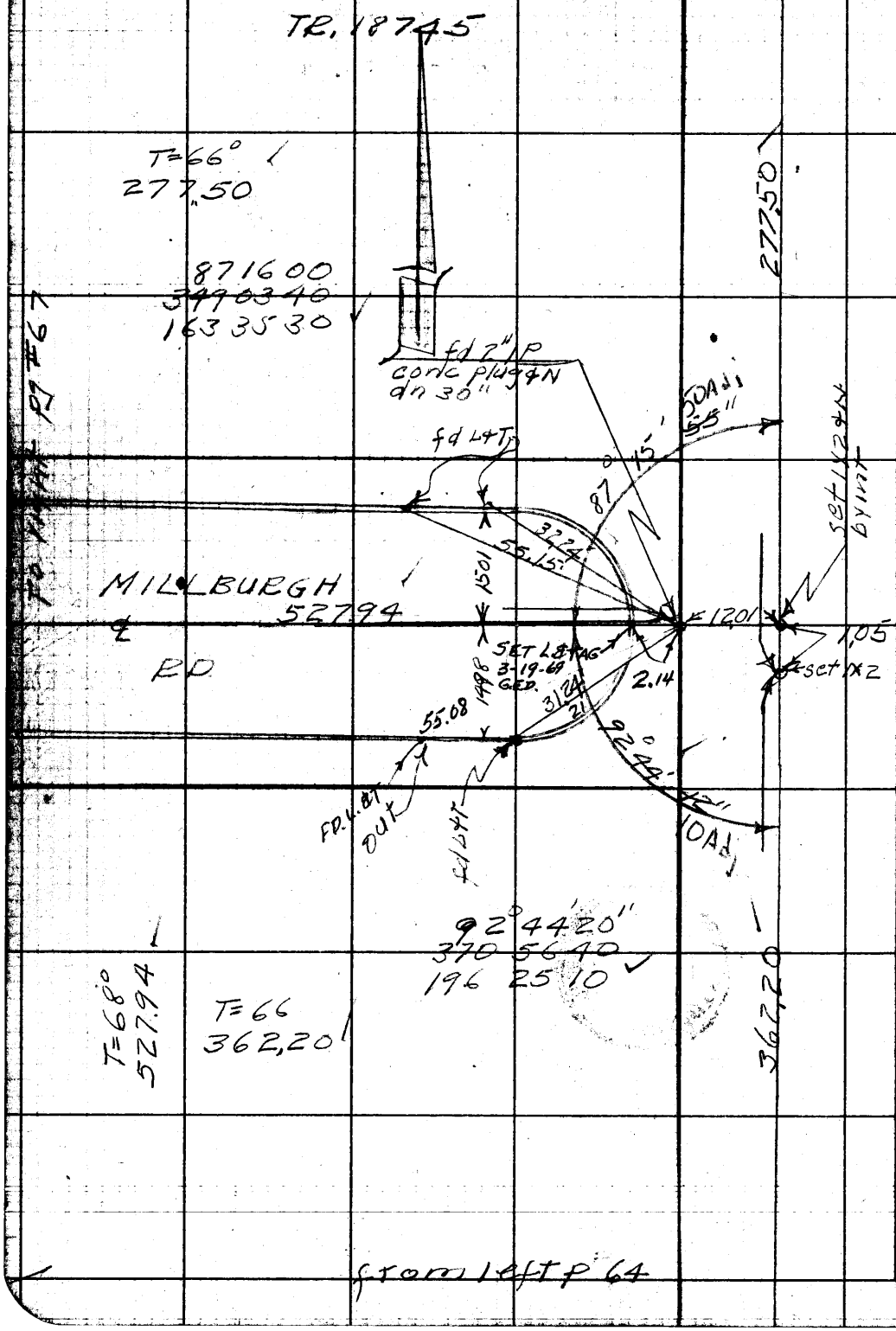
Do not extend this side of this line.

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

76F309S S&E #247 1-56

PWFB 1531 To bot pg #75 842

F.B. 213 Pg. 76



from left p 64

W.S. 47

C-3

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

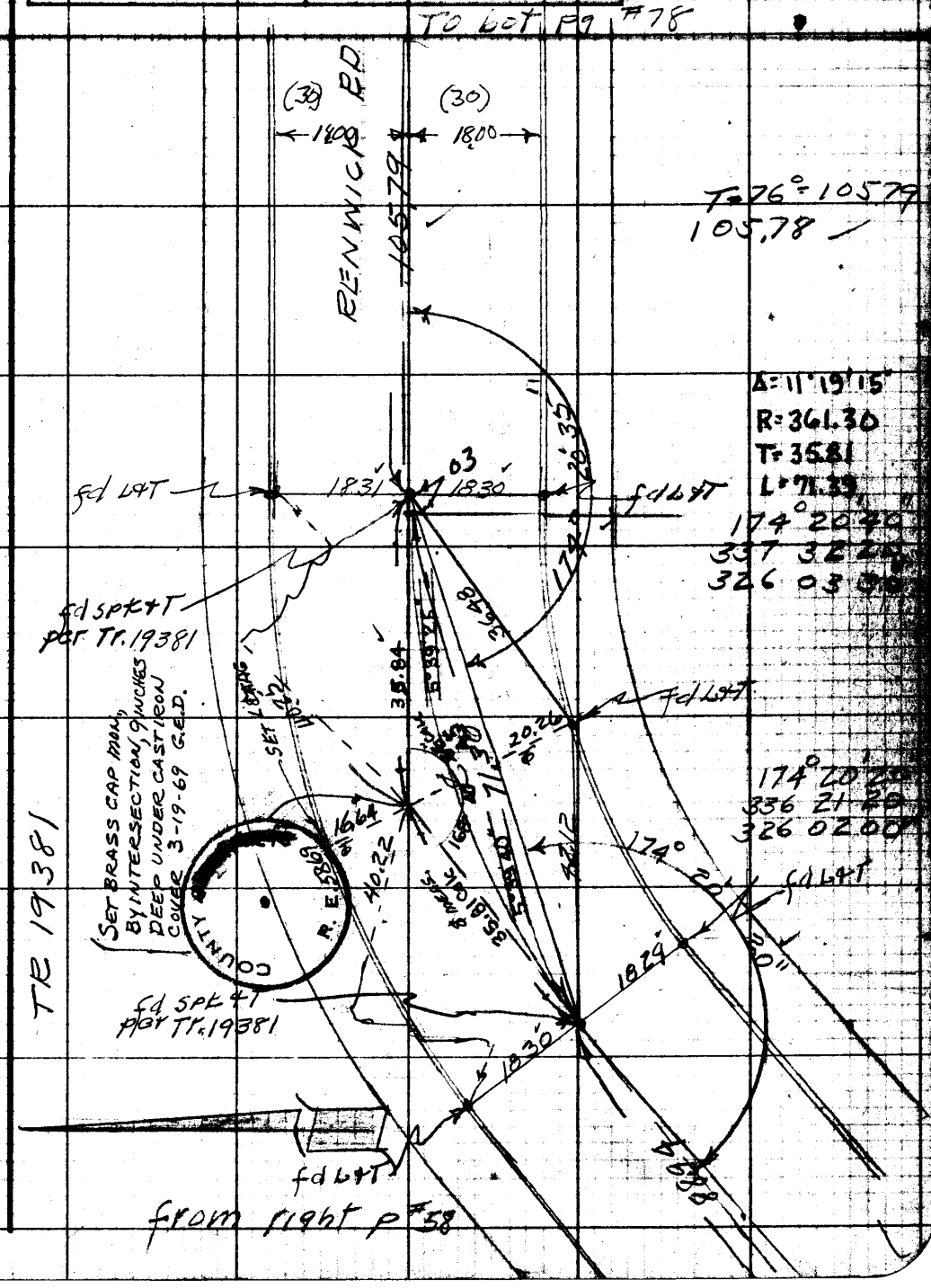
PWFB 1531 843 844

Notes Ck'd by W. Brenner	Survey of Bancroft Ave
Map No.	JN 230300 Tape 2101 Std 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes Date 12-8-58
Date	Indexed A. C. Johnson

F. B. 2178 Pg. 71

C-3

W.S 47



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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 1-56

PWFB 1531 845

F.B. 2175 PG. 78

W.S. 47 C-3

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

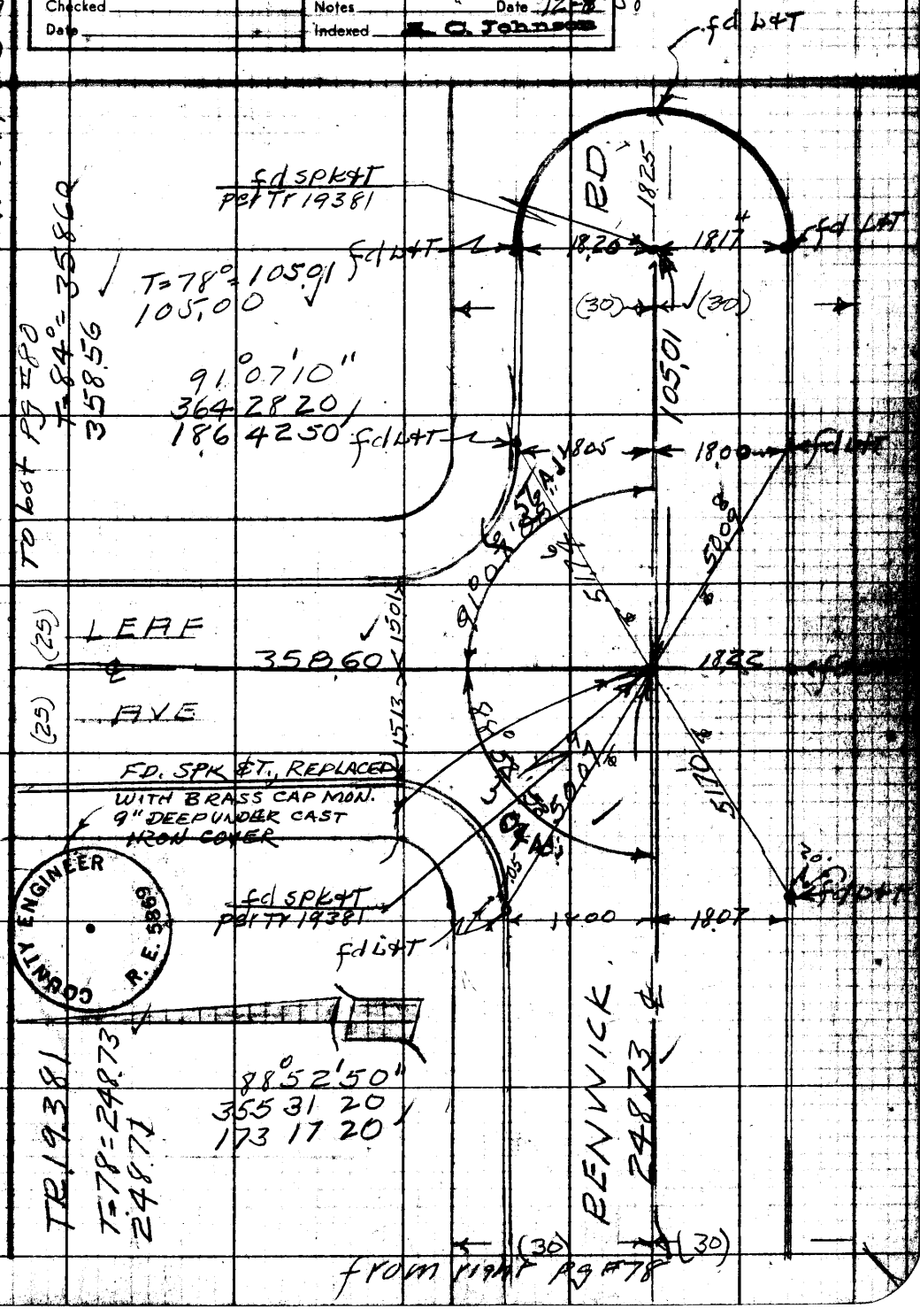
Do not extend this side of this line:

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

PWFB 1531 846

Notes Ck'd by W. Brenner	Survey of Bonewell Ave
Map No.	JN 03030 Tape 0101 Std 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes Date 12-8-58
Date	Indexed E. C. Johnson

F. B. 2175 Pg. 74



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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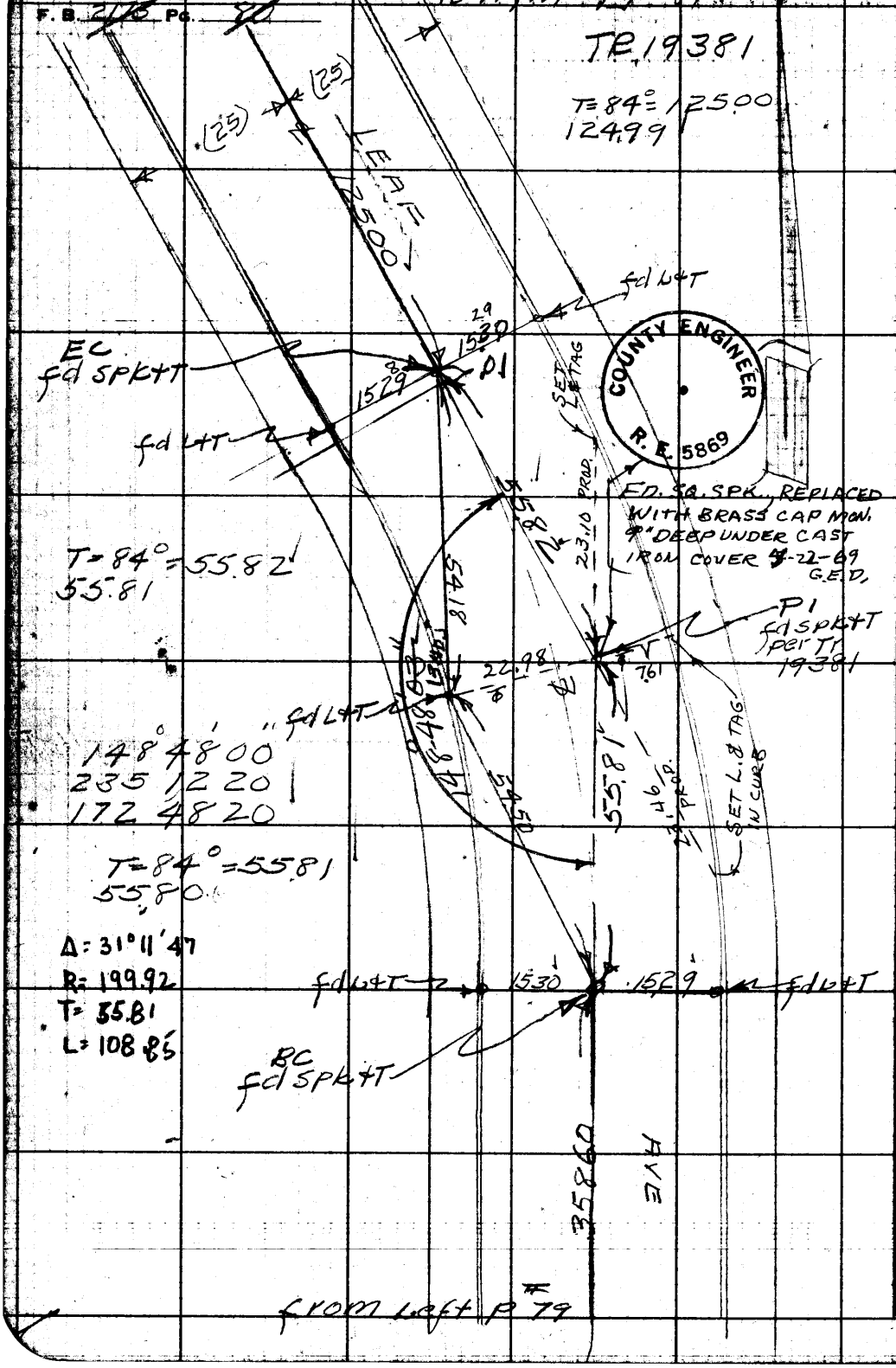
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 S&E #247 1-56

PWFB 1531 To right pg #81 847

F.B. 2110 Pg. 80



W.S. 47 C-3

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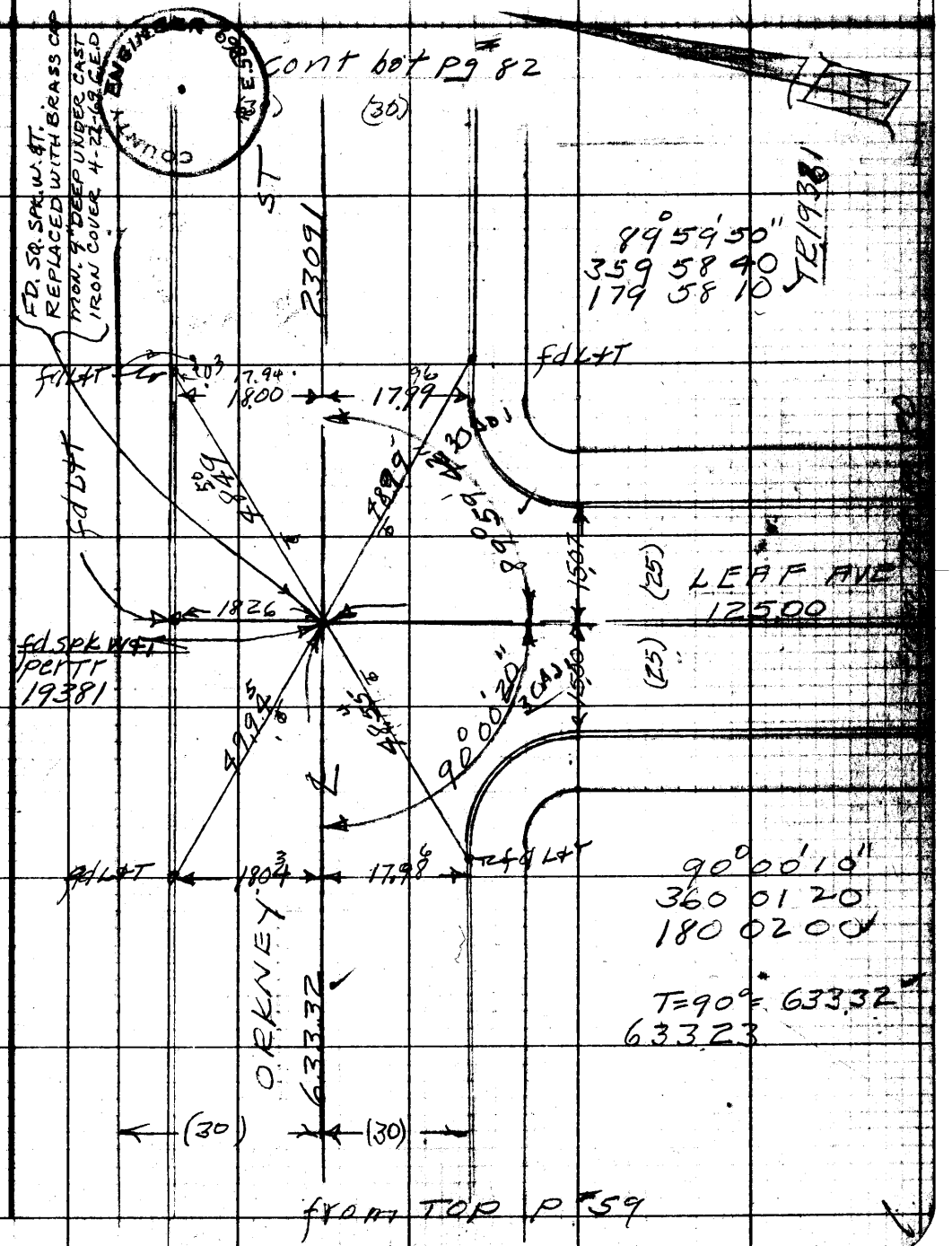
PWEB 1531 848

Notes Ck'd by W. Brenner	Survey of Bonewell Ave
Map No.	JN 230300 Tape 0101 Std 68 °F
Office Work	Surveyed by E L Willey
Checked	Notes RLW Date 12-8-58
Date	Indexed C. Johnson

P.B. 2178 Pg. 81

W.S. 47 C-3



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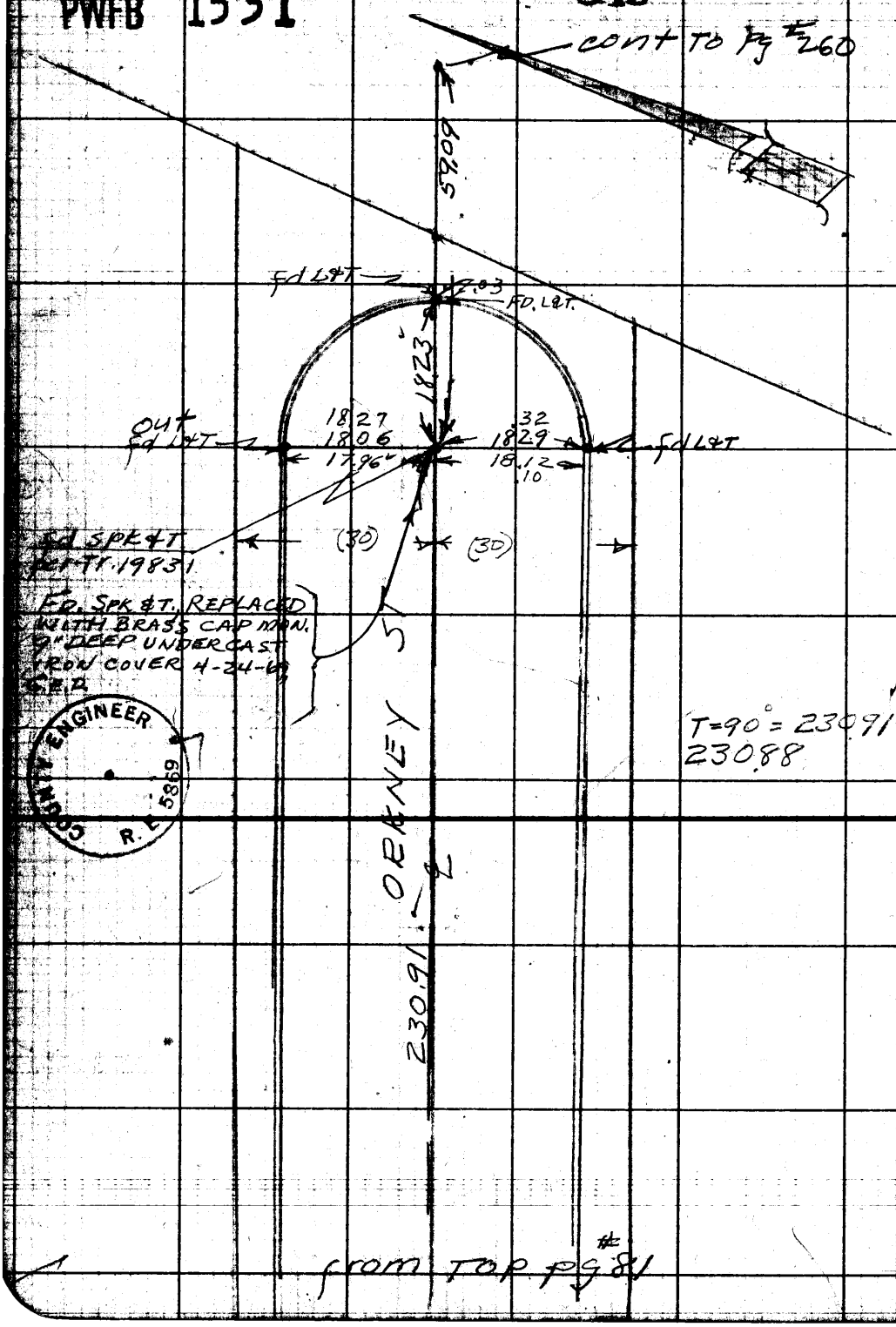
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 1-56

F.B. 2173 Pg. 92

PWFB 1531

849



W.S 47 C-3

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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 Banewell Ave OS
Map No.	JN 205414 Tape Std. °F
Office Work	Surveyed by R L Willey
Checked	Notes Date 9-17-58
Date	Indexed J. C. Johnson 10-1-58

F. B. 2173 Pg. 181

C.I. 205414
BANEWELL AVE.
TOPOGRAPHY
OF LARK ELLEN
FROM BIG DALTON WASH
TO LITTLE DALTON WASH

9-17-58
R L Willey
D L Burkholder
J P McCall
R A Swann

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RETURN TO
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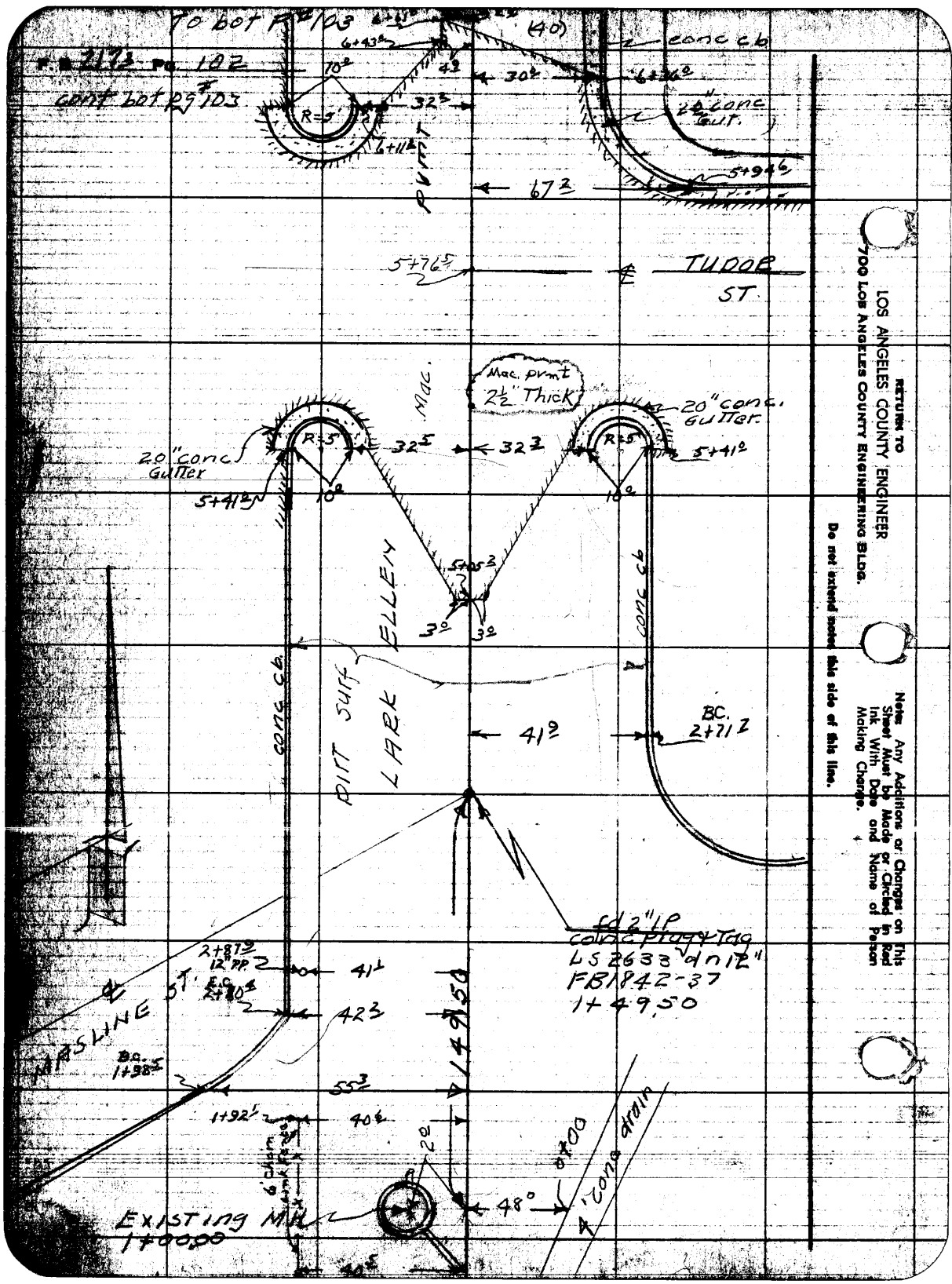
700 LOS ANGELES COUNTY ENGINEERING BLDG.
76F3095 CE #247—3-57



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

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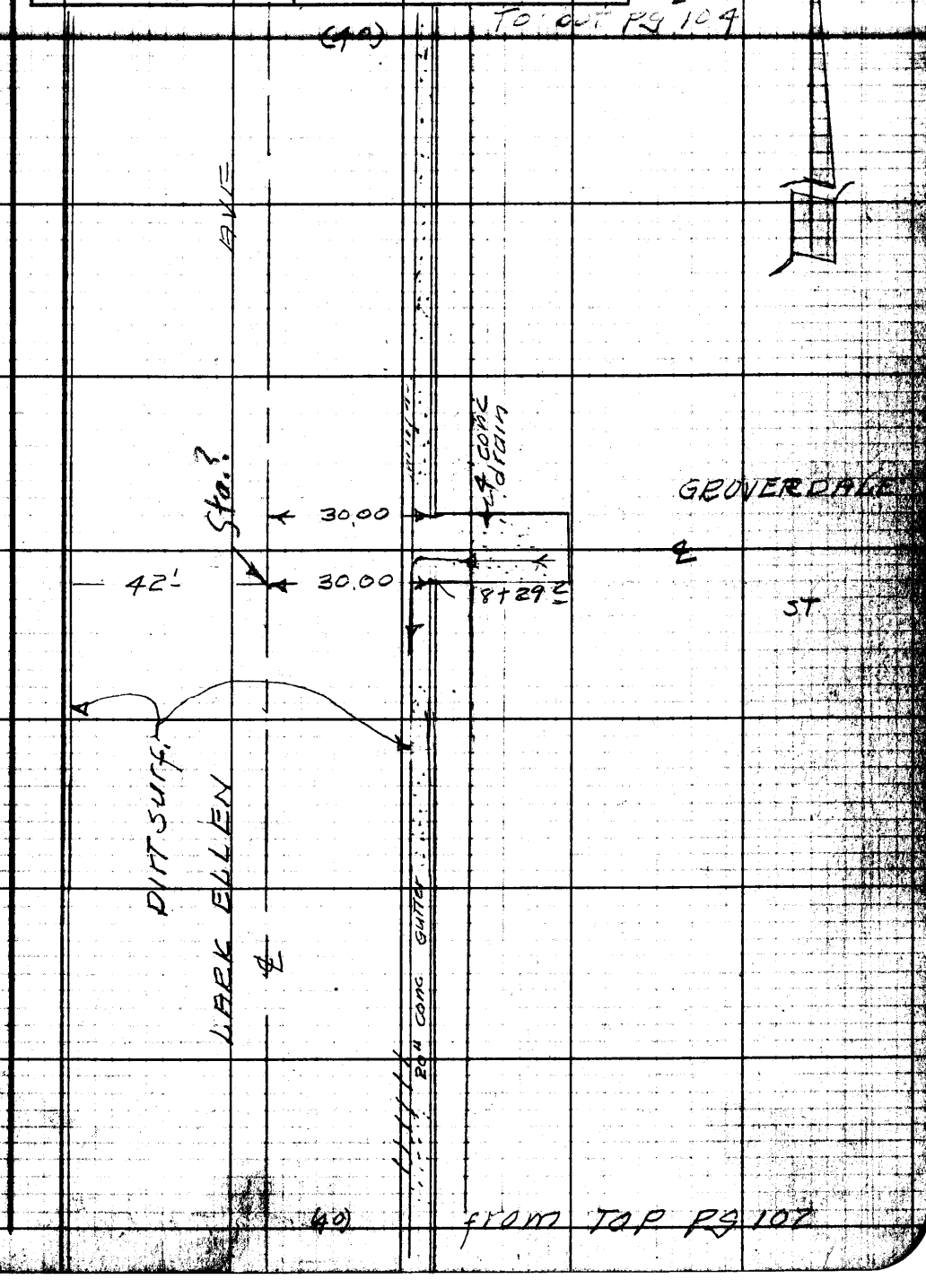
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Bunewell Ave SS
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 9-15-58
Date	Indexed C. Johnson

F. B. 2173 Pg. 103



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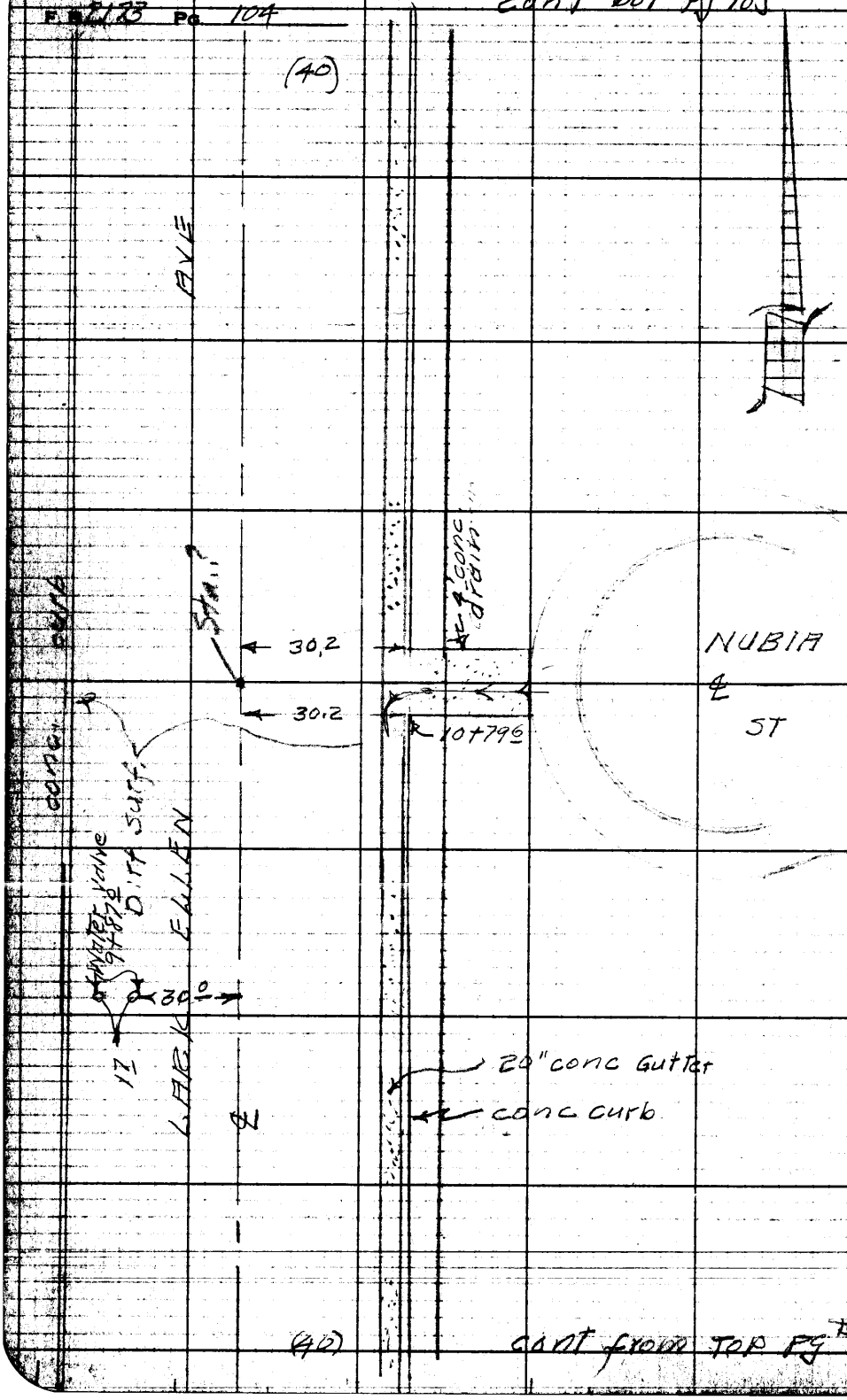
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247 3-57

cont bot pg #105



cont from TOP pg #10

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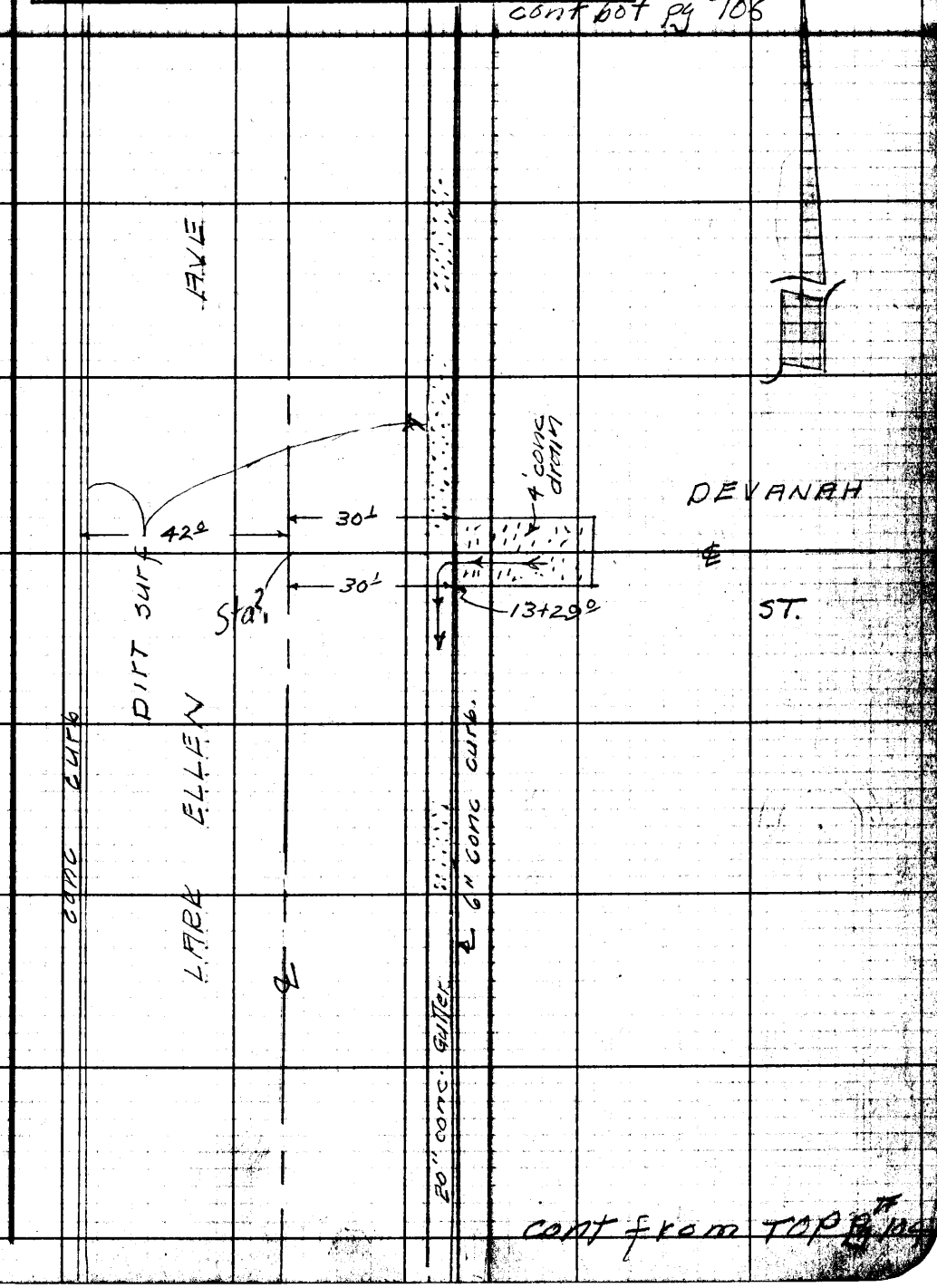
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Bonewell Ave SS
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by R.L. Willey
Checked	Notes " Date 9-18-58
Date	Indexed A. C. Johnson

F.B. 2173 Pg. 105

cont bot pg #106



cont from TOP pg #104

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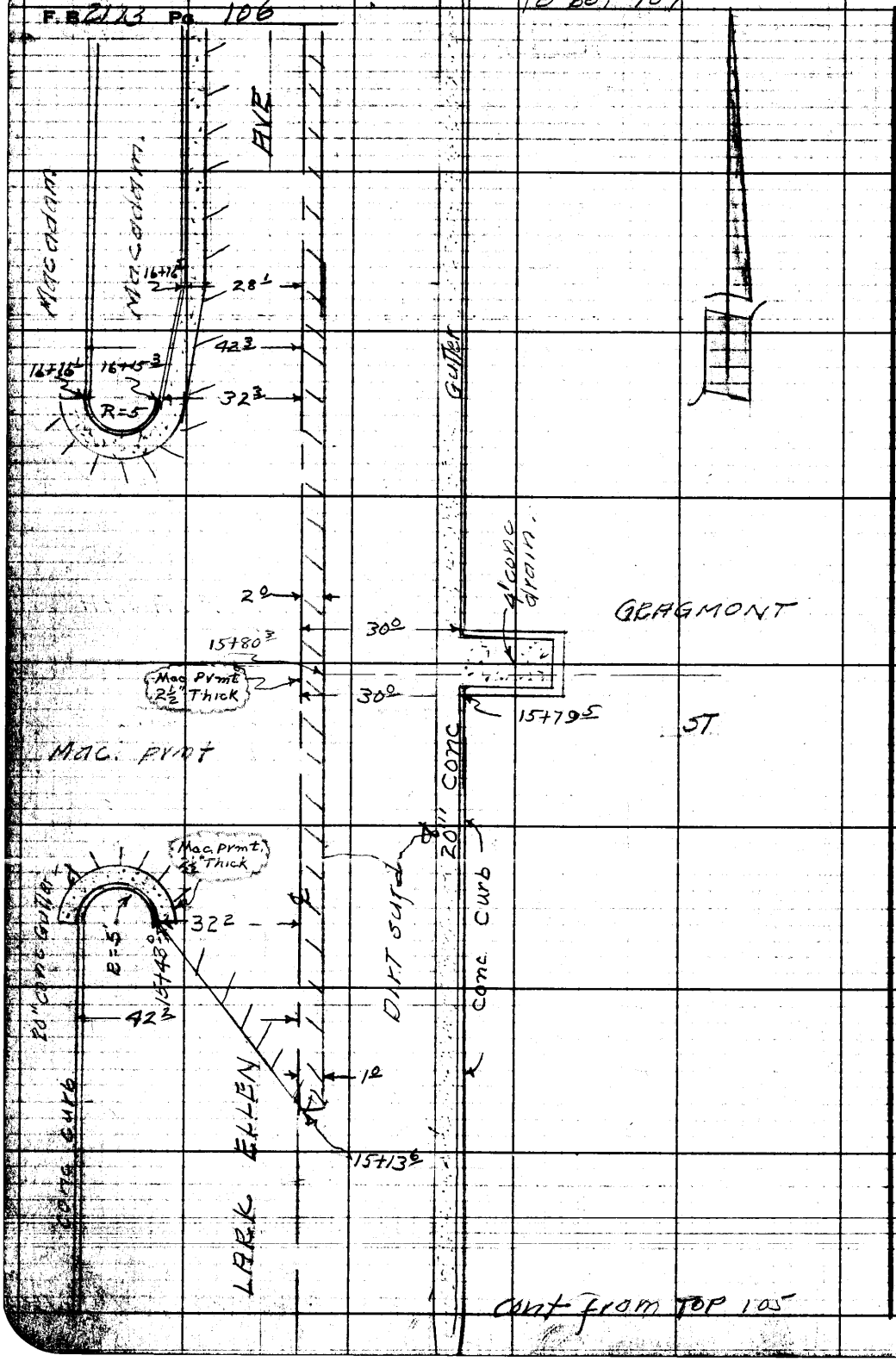
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F2098 CE #247—3-57

To bot 107



Cont from Top 105

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

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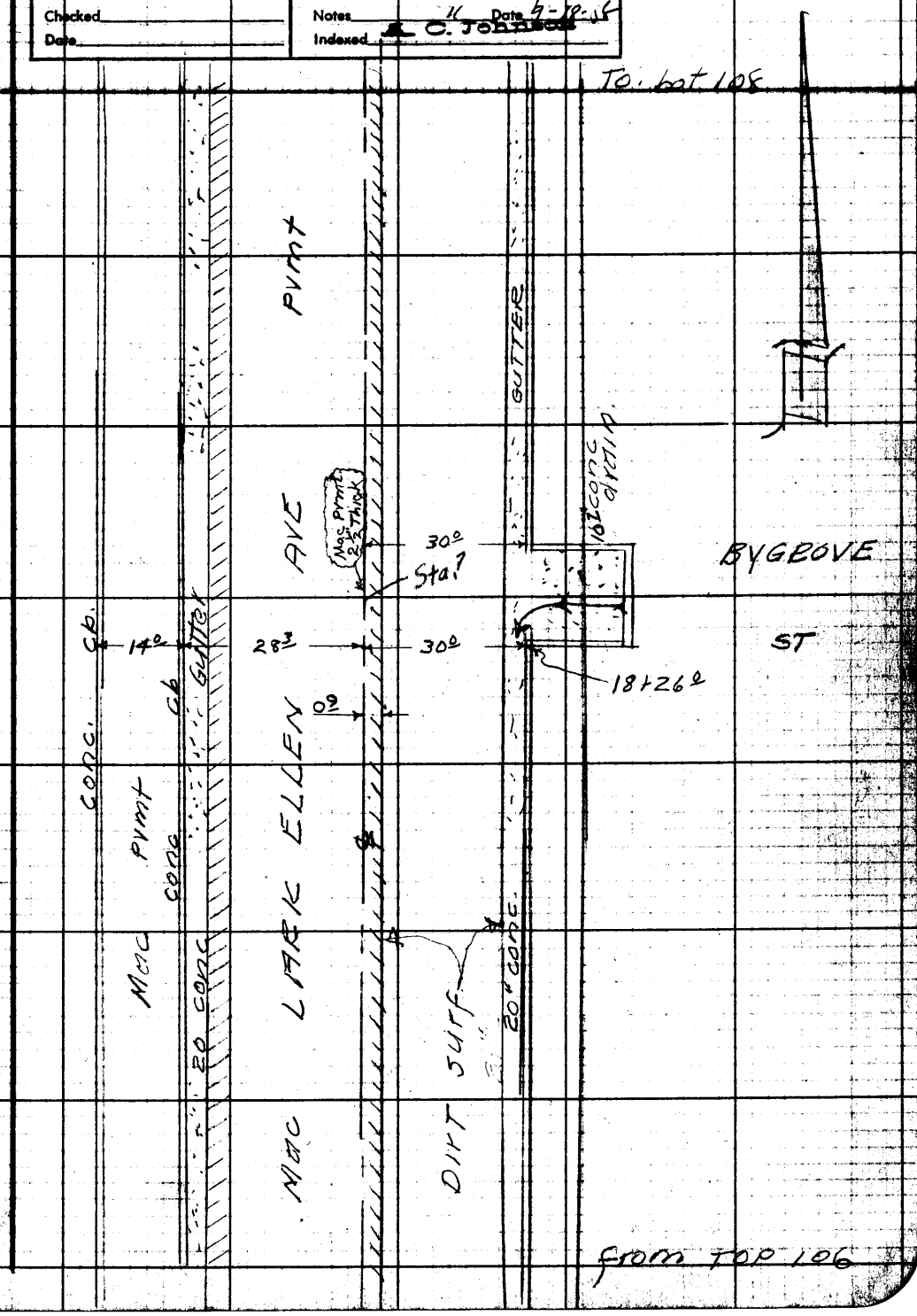
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Rime Well Ave GS
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by R.L. Willey
Checked	Notes " Date 9-18-58
Date	Indexed A. C. Johnson

F. B. 2173 Pg. 107

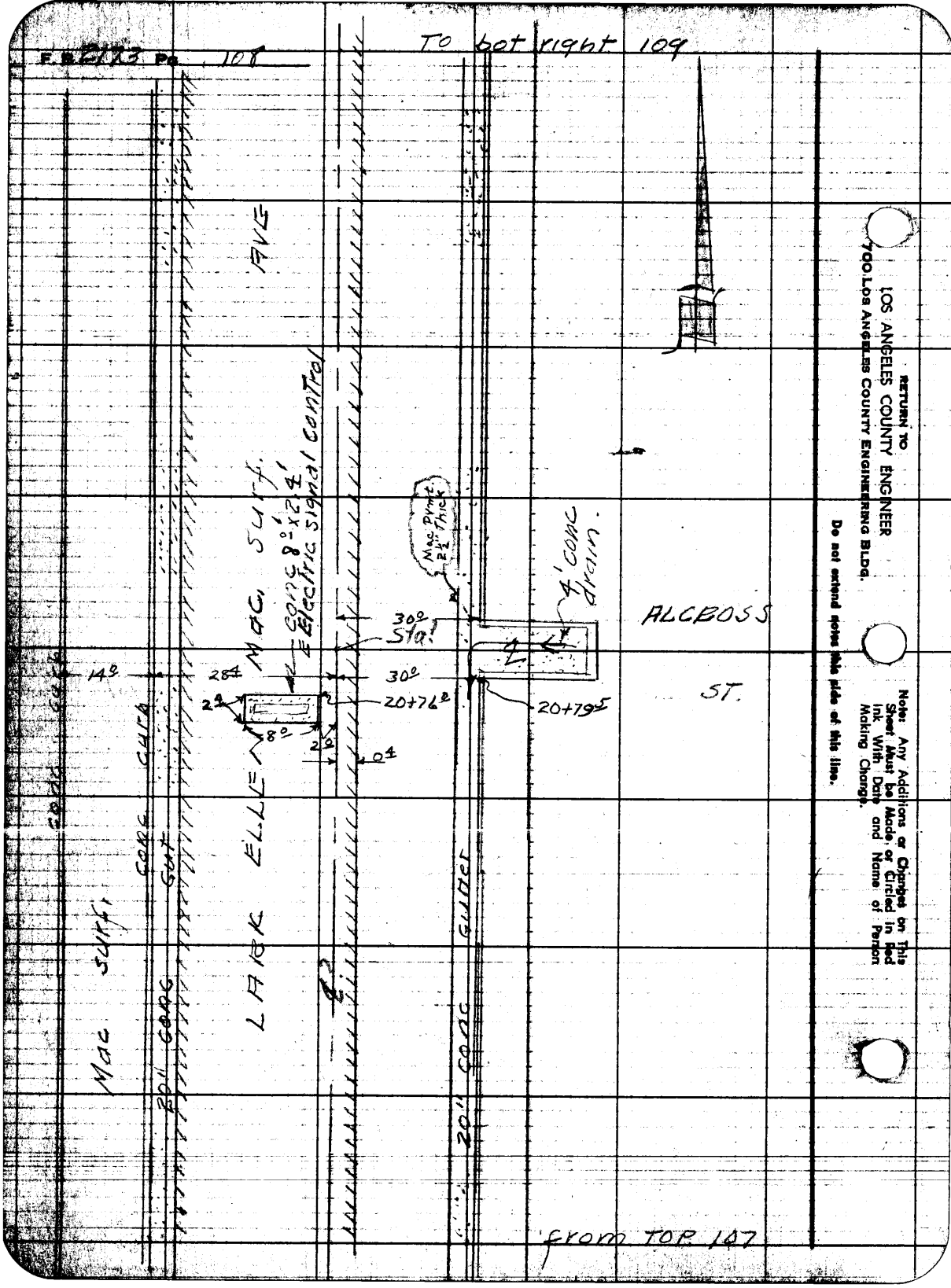


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
1700 Los Angeles County Engineering Bldg.

BOSS CE #247—3-57


F.B. 2173 Pg. 108
To bot right 109
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made, or Circled in Red Ink With Date and Name of Person Making Change.
AVE
MAC. SURF.
conc 8'-x2.4'
Electric signal control
Mac Prmt. 2½" Thick
4' conc drain
ALCBOSS
ST.
30°
Sta!
30°
20+76.2
20+79.5
14°
28.4
2.4
8°
2.2
0.4
LARK ELLE
Mac surf.
conc curb
conc curb
20" conc gut
20" conc gutter
from TOP 107

Notes Ck'd by	Survey of Broadway Ave.
Map No.	IN 205414 Tape Std of
Office Work	Surveyed by E L Willey
Checked	Notes " Date 9-18-58
Date	Indexed E. C. Johnson

F. B. 2118 Pg. 109

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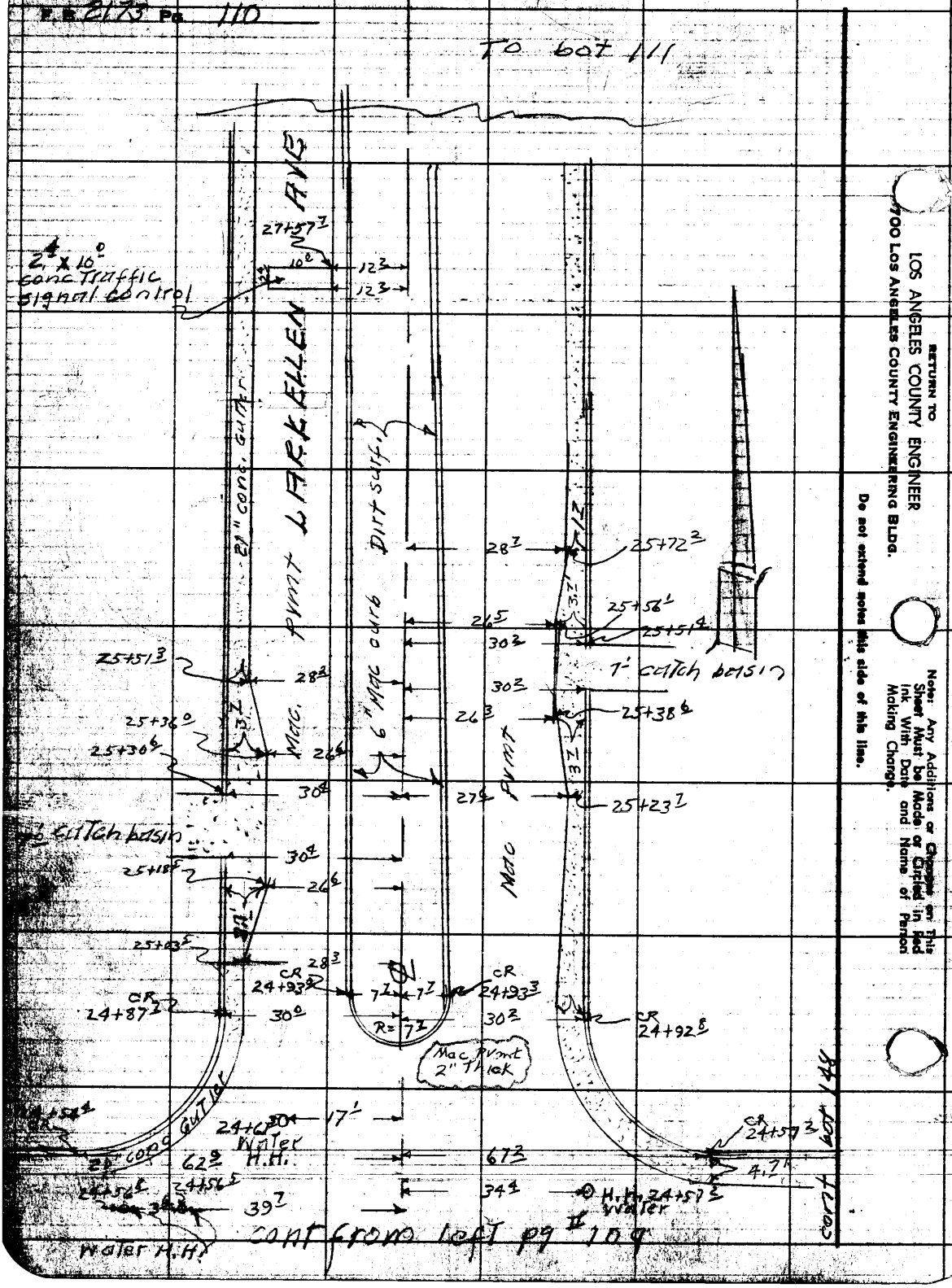
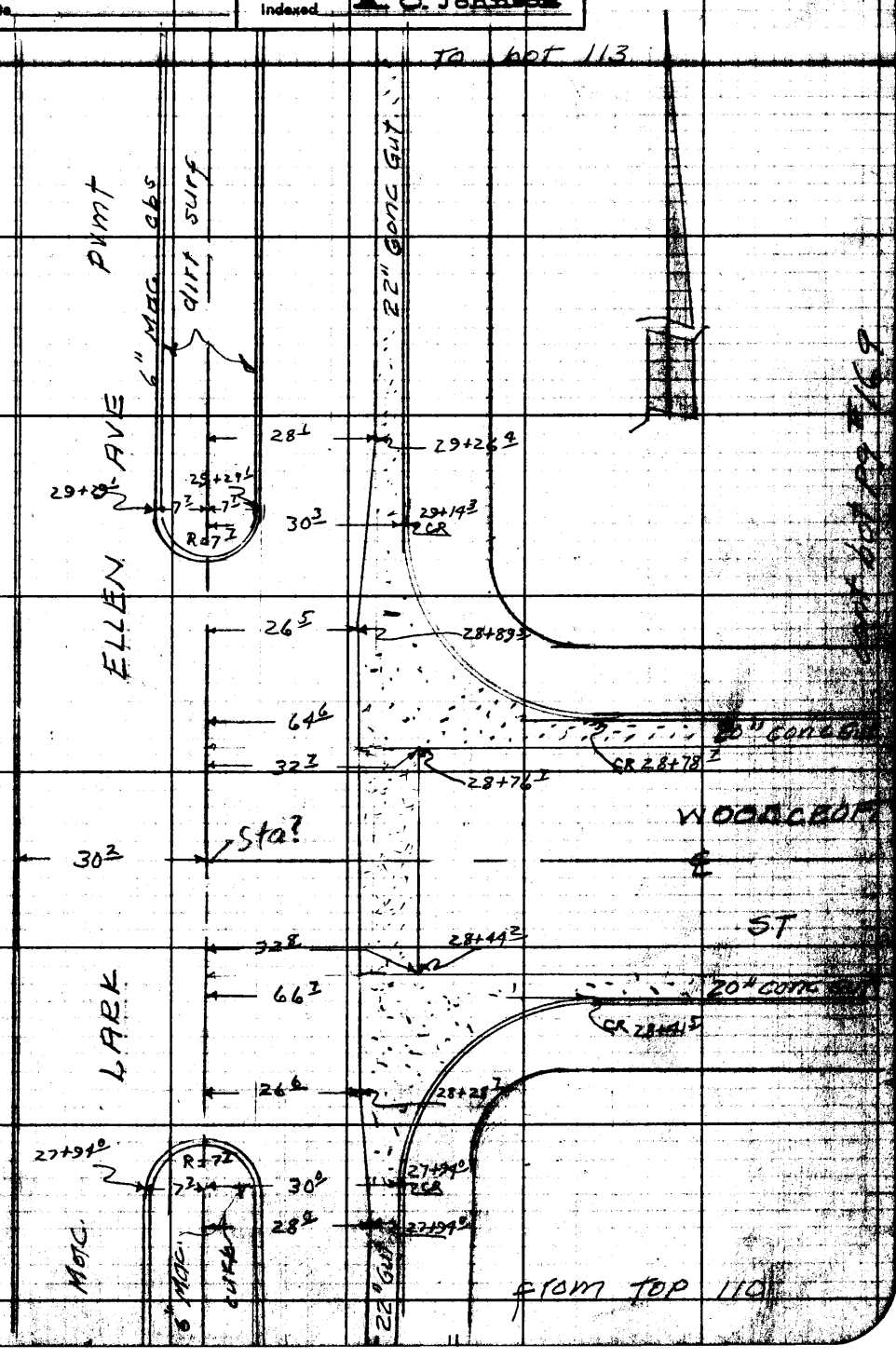
RETURN TO LOS ANGELES COUNTY ENGINEER 108 LOS ANGELES COUNTY ENGINEERING BLDG.


F.B. 2173 Pg. 110
To bot 111
LARKELLEN AVE
2.4 x 10.0 conc Traffic signal control
27+57.7
10.0
12.3
12.3
21" conc. Gutter
Mac. Pvmt
6" Mac curb
Dirt surf.
28.7
25+72.2
26.5
25+56.1
25+51.4
30.2
1' catch basin
25+51.3
28.2
30.2
25+36.0
26.3
25+38.6
25+30.6
26.6
30.4
27.6
25+23.7
Mac Pvmt
6' catch basin
30.4
25+18.5
26.6
25+03.5
28.3
CR 24+93.9
CR 24+93.3
CR 24+87.7
30.0
30.2
CR 24+92.8
R=7.7
Mac Pvmt 2" Thick
24+67.30
17.1
Water H.H.
62.9
67.2
CR 24+57.3
4.7
24+56.5
24+56.5
34.4
H.H. 24+57.3 Water
39.7
Water H.H.
cont from left pg # 109
cont bot 148
RETURN TO
LOS ANGELES COUNTY ENGINEER
1700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Bonne Well Ave SS
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by BL Willey
Checked	Notes Date 9-18-58
Date	Indexed A. C. Johnson

F.B. 2173 Pg. 111



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

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RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

PERSONS CK #247—3-57

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700 Los Angeles County Engineering Bldg.

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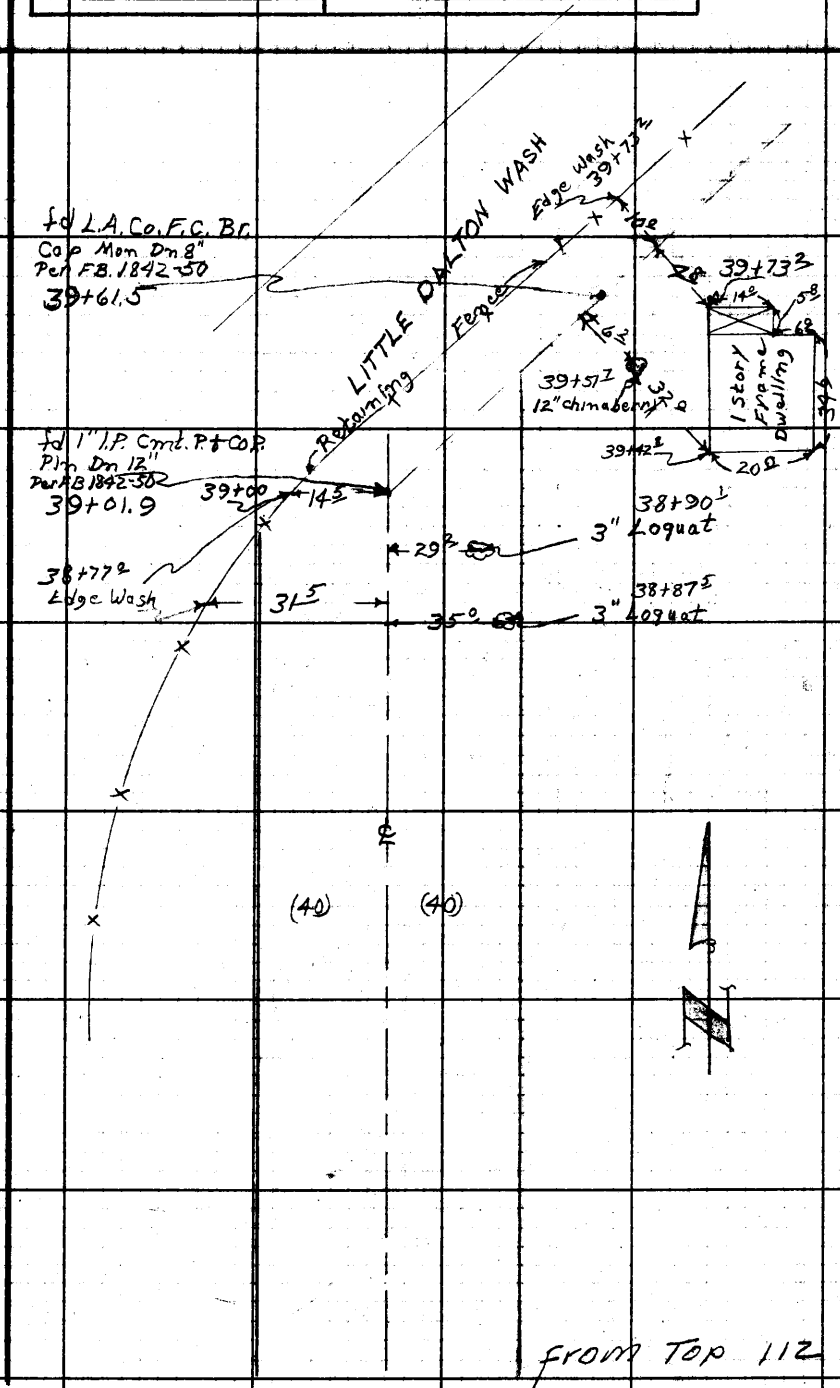
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Bancwell
JN 205417 Tape Std °F
Surveyed by R.L. Willey
Notes Burkhalter Date 7-18-58
Indexed K. C. Johnson

F. B. 2173 Pg. 113



from Top 112

RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76FSOSS CE #247—8-57

RETURN TO
LOS ANGELES COUNTY ENGINEER
7700 LOS ANGELES COUNTY ENGINEERING BLDG.

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FILM'S Pg 114

Profile No. | Notes Red. Date | Plotted Date | Job No. | Division No. 10

X-Sec. No. | Notes Chkd. Date | Checked Date | Survey by | Notes | Date 9-22-58

CI 205414

BANEWELL AVE S S

CROSS SECTIONS

LARKELLEN AVE

FROM :- THE BIG DALTON WASH

TO :- THE LITTLE DALTON WASH

9-22-58

R L Willey

D.L. Burkholder

J.P. McCall

R A Swann

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

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lark Ellen Ave	
					BM 45-10	
				477.76		
1+00				484.2		℄
				483.0		12.3 Rt. bot brk
				482.6		40.0 " Prop Line
				484.50	2.0 Lt. N rim MH	
			18.23	466.27	18" outlet To S.	16.73 Meas. 150 dia. 18.23 — 16.71 Meas. 150 dia. 18.21
			18.21	466.29	18" Inlet on N.	
				84.1	27.2 L Top brk	
				80.4	40.0 L P.L.	
1+12.5				84.4		℄ Top brk
1+98.5				80.8		℄
				77.64	55.3 L Top curb	
2+00				80.8		℄
				80.7		40.0 RT Prop Line
				80.6	26.0 L. Top brk	
				78.5	40.0 P.L. bot brk	
2+20.4				80.1		℄
				78.02	42.2 L. Top curb	
				77.55	" L. conc. Gut.	
2+43.3				79.5		℄ bot brk
2+71.7				79.4		℄

Survey of BANEWELL AVE SS. DIST. Division No. 10 Notes Red Plotted Profile
Survey by R.L. Willey Notes D.L. Burkholder Date 9-22-58 Date No. X-Sec.
Indexed C. Johnson Date Notes Chkd Checked Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Lark Ellen	Ave
2+71				479.66		41.9 R Top curb
				79.16		" R. conc Gutter
3+00				79.4		℄
				79.2		27.5 Rt bot brk
				79.0		29.5 " Top brk
				79.72		41.9 Rt Top cb.
				78.40	42° L Top cb.	
4+00 T.P.				79.25		℄
				79.3		27.8 " bot brk
				79.9		30.2 R Top "
				79.90		41.9 R Top curb
				78.71	42° L. Top curb.	
5+00				79.7		℄
				79.4		28.3 Rt bot brk
				79.8		29.8 " Top "
				79.77		42° " Top curb
				79.04	42° Lt. Top curb.	
5+05.2				79.9		℄ edge Mtc. pvmt
5+41.0				80.1		℄
				79.21		32.3 RT conc Gut
				79.86		" " Top Curb

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ P.B. 2/73 Pg. 117
X-Sec. No. ____ Date ____ Date ____ Survey of Ranchwell Ave. SS
Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes R.L.W. Date ____
Date ____ Date ____ Map No. ____ Index ____ C. John

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lark Ellen Ave	
5+41°				479.67		℄ 42³ Rt Top Curb
				79.18		" " Conc Gutter
				79.26	32⁵ L conc Gut	end cb. ret's
				79.90	" L Top curb	
				79.15	42⁵ L " "	
				78.64	" L conc "	
5+76⁵				80.0	℄ int Tudor St.	
5+94⁶				80.1		℄
				79.88		67² Rt Top cb end ck
				79.23		67² " Gut, E. " "
6+00				80.1		℄
				79.24		49³ Rt. Conc Gut
				79.96		49³ Rt Top Curb
				79.0	22° Lt pvmt	
6+11²				80.1		℄
				79.26	32² Lt. Gut conc.	
				79.89	" Lt Top Curb	
				79.27	42² Lt " "	
				78.77	42² " conc Gut	
6+36°				80.1		℄
				79.31		30° Rt Gut

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. 205414 Job No. 2173 Pg. 118
Survey of Banewell Ave SS
Survey by RLWilley Notes RLW
Indexed C. Johnson Date

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lark Ellen	
6+36°				480.14		30° Rt Top Curb
6+60				80.1		℄ end pvmt
BM H.V.-1				478.58	BM H.V.1 El=478.564 FB 2173- Lark Ellen & Tudor St NW. cor. fd bt spk in curb 5' N N end CR.	
7+00				479.9		℄
				79.39		30° Rt conc Gut.
				80.21		" " Top Curb
				79.58	42° Lt. Topcurb	
8+00				80.0		℄
				79.63		30° Rt conc Gut
				80.43		30° " Top Curb
				79.88	42° Lt. Top Curb	
9+00				80.3		℄
				79.82		30° Rt conc. Gut.
				80.65		" " Top Curb.
				80.17	42° Lt Top Curb	
10+00				80.8		℄
				80.01		30° Rt Conc Gut.
				80.80		30° " " Curb
				80.3	28 L bot brk	
				80.6	30 L Top "	

Profile Notes Red. ____ Plotted ____ Job No. 2054 Division No. ____ F. B. 2173 Pg. 119
No. ____ Date ____ Date ____ Survey at Banewell Ave 55
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Wille Notes R.L.W. Date 9-19-18
No. ____ Date ____ Date ____ Map No. ____ Indexed C. John

76298 S & E #307—7-55

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lark Elten	℄ Ave
10+00			∠	480.39	42° Lt Top curb	
11+00				81.1		℄
				80.14		30° Rt conc Gut
				80.97		30° " Top Curb
				80.60	42° Lt Top curb	
12+00				81.3		℄
				80.36		30° Rt conc. Gut
				81.19		30° " Top Curb
				80.72	42° Lt. Top curb	
13+00				81.4		℄
				80.60		30° Rt conc Gut
				81.40		" " Top curb
				80.4	30° Lt. bot brk	
				81.0	31.5 " Top "	
				80.95	42° " Top "	
14+00				81.7		℄
				80.77		30° Rt conc Gut
				81.56		" " TOP. curb
				80.8	29.2 Lt bot brk	
				81.4	31.6 Lt Top "	
				81.08	42° " Top curb	

F. B. 2173 PG. 120

Job No. 205414 Division No. Notes Red. Plotted Profile

Survey of Barnewell 55 Date Date No. X-Sec.

Survey by R L Willey Notes RLW Notes Chkd. Checked

Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
15+00				481.70		℄
				80.95		30° Bt conc Gut.
				81.76		30° " Top curb
				81 1	30° Lt bot brk	
				81 6	32° Lt Top "	
				81.36	42° Lt " curb	
15+13.6				81.7		℄ beging pvmt
15 + 43°				81.7		℄ edge pvmt
				81.9		℄
				80.95	32.8 Lt conc Gut	
				81 60	32.2 Lt Top curb	
				81.41	42.2 Lt " "	
				80.95	42.2 " conc cut.	
15+80.3±				81.9		℄ int Gragment
16+00				82.0		℄
				81 9		2° Bt edge pvmt.
				81.14		30° " conc Gut
				81.94		30° " Top curb.
16+15.3				82.1		℄
				81 15	32.3 Rt conc Gut	
				81.78	" " Top curb	

Profile Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 121
No. ____ Date ____ Date ____ Survey of Bancwell Ave SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by RL Willey Notes RLW Date 9-19-58
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson

76298 S & E #307—7-55

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.

STATION	B. S.	H. I.	F. S.	ELEV.		
17+00				482.1		℄
				82.0		1° Rt edge pvmt
				81.32		30° " conc Gut
				82.11		" " Top curb
				81.30	28' Lt conc Gut	
				81.96	28' " conc. curb.	
18+00				82.3		℄
				82.2		1° Rt edge pvmt
				81.54		30° " Conc Gut.
				82.36		30° " Top Curb.
				81.54	28° Left conc Gut	
				82.17	28° " Top Curb	
19+00				82.6		℄
				82.5		1° Rt edge pvmt
				81.76		30° " conc Gut,
				82.59		30° " Top Curb
				81.75	28° Lt. conc Gut	
				82.39	28° " Top curb	
20+00				82.8		℄
				82.7		1.5 Rt edge pvt
				81.96		30° " conc Gut

F. B. 2173 PG. 122

Job No. 205414 Division No. Notes Red. Plotted Profile

Survey of Banewell Ave. SS Date Date No. X-Sec.

Survey by ~~C. Johnson~~ R. Wills Notes RLW Notes Chkd. Checked Date No.

Indexed Date Date

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
20+00				482.75		30° Rt Top curb
21+				81.91	28° Lt conc Gut	
				82.58	28° " Top curb	
21+00				83.1		℄ + edge prmt
				82.35		30° Rt conc Gut
				83.18		30° " Top curb
				82.35	28° Lt conc Gut	
				82.98	28° " T. cb.	
22+00				83.6		℄
				83.4		18 Rt edge prmt
				82.80		30° " conc Gut
				83.61		" " T. cb.
				82.80	28° Lt conc Gut	
				83.44	28° " Top cb.	
23+00				83.9		℄
				83.8		35 Rt edge prmt
				83.22		30° " conc. Gut
				84.04		30° " Top curb
				83.24	28° Lt conc Gut	
				83.86	28° Lt Top curb	
23+364				84.15		℄

Profile Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 123
No. ____ Date ____ Date ____ Survey of Banewell Ave SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Miller Notes RLW Date 9-26-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
23+36.4				483.47	28.3 Left conc Gut	
				84.10	28.3 " Top Curb.	
23+44.9				84.1		℄
				83.49		30.0 Rt conc Gut
				84.26		30.0 Rt Top cb
23+78.8				84.4		℄
				84.38		64.8 Rt conc Gut
				85.03		64.8 " Top Curb
23+79.1				84.4		℄
				83.30	63.4 Lt conc Gutter	
				83.93	" " Top "	
24+15.7 ±				84.9		℄ Int Arrow Hwy
				84.1	100° L ℄ Arrow Hwy	
				83.6	200° L " " "	
24+54.4				84.1		℄
				83.00	62.9 L. Conc. Gut.	
				83.67	62.9 L. Top Curb	
24+57.2				84.1		℄
				84.27	67.3 R. Conc. Gut.	
				85.01	67.3 R. Top Curb	
24+87.2				484.3	Top Mac. Curb.	℄

F. B. 2173 Pg. 124 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No.
Survey by R. Willet Notes RLW Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
24+87^{7}				483 00	30° L. Conc. Gut.	
				83 64	30° L. Top Conc. curb.	
24+92^{8}				84 5		℄ Dirt.
				84 4		7^{2} Rt Tp. Mac. cb.
				83 56		30^{3} R. Conc. Gut.
				84 23		30^{3} R. Top cb.
25+00				84 5		℄ Dirt
				84 4		7^{2} R. Top Mac. Cb.
				83 40		30^{3} R Conc. Gut.
				84 05		30^{3} R Top cb.
				84 0	7^{2} L. Top Mac. Cb.	
				82 87	30° L Conc. Gut.	
				83 53	30° L. Top Cb.	
				81 6	350° ± L. back P/L	
26+00				84 3		℄ Dirt
				83 8		7^{2} R. Top Mac Cb.
				82 91		30^{3} R. Conc. Gut.
				83 54		30^{3} R. Top cb.
				83 8	7^{2} L. Top. Mac. cb.	
				82 85	30^{3} L. Conc. Gut.	
				483 52	30^{3} L. Top. Cb.	

Profile Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 125
No. ____ Date ____ Date ____ Survey of Barnwell
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes PLR Date 9-26-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
27+00				484 2		℄ Dirt
				83 9		7^{7} R. Top Mac. cb.
				82 99		30^{3} R. Conc. Gut.
				83 66		30^{3} R Top. cb.
				84 0	7^{7} L. Top Mac. cb.	
				83 00	30^{3} L. Conc. Gut.	
				83 67	30^{3} L. Top cb.	
27+94.0				84 2		℄ Dirt
				84 0		7^{7} R Top Mac Cb. CR.
				83 10		30^{0} R Conc. Gut. CR
				83 75		30^{0} R. Top cb. CR
				84 2	7^{7} L. Top Mac. cb. CR.	
28+00				84 2		℄ Dirt
				84 1		3^{0} R Top Mac. cb.
				83 08		30^{3} R Conc. Gut.
				83 74		30^{3} R. Top. cb
				84 2	3^{0} L. Top Mac. cb.	
				83 24	30^{3} L. Conc. Gut.	
				83 90	30^{3} L. Top. cb.	
28+01.0				84 2	Top Mac cb.	℄
28+41.5				483 7		℄

F. B. 2173 Pg. 126
Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Bancwell Ave SS Date Date No. X-Sec.
Survey by R. L. Willey Notes D.L.B. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
28+41^{5}				483 42		66^{7} R. Conc. Gut.
				84 06		66^{7} R. Top cb.
28+60^{7}				83 8		℄ Int Woodcroft. St.
28+78^{7}				83 8		℄
				83 39		64^{6} R. Conc. Gut.
				84 05		64^{6} R. Top cb.
29+00				83 8		℄
				83 55		32^{2} R Conc. Gut.
				84 08		32^{2} R. Top cb.
				83 39	30^{3} L. Conc. Gut.	
				84 09	30^{3} L. Top cb.	
29+14^{3}				83 8		℄
				83 41		30^{3} R. Conc. Gut.
				84 05		30^{3} R. Top cb.
29+21^{3}				84 4	Top Mac. cb.	℄
29+29^{1}				84 7		℄ Dirt
				84 3		7^{7} R. Top. Mac. cb.
				84 5	7^{7} L. Top. Mac. cb.	
30+00				85 1		℄
				84 8		7^{7} R. Top. Mac. cb.
				483 88		30^{0} R. Conc. Gut.

Profile Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 127
No. ____ Date ____ Date ____ Survey of Bancroft Ave. SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by RLWilley Notes RLW Date 9-26-58
No. ____ Date ____ Date ____ Map No. ____ Index No. C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
30+00				484 55		30° R. Top cb.
				84 9	7^{7} L. Top. Mac. Cb.	
				83 93	30^{3} L. Conc. Gut.	
				84 58	30^{3} L. Top Cb.	
$30+96^{5}$				85 6		℄ Dirt.
				85 4		7^{7} R. Top. Mac. Cb.
				85 4	7^{7} L. Top Mac. cb.	
31+00				85 3		℄ Dirt
				85 4		5^{5} R. Top Mac. Cb.
				84 44		30° R Conc. Gut.
				85 06		30° R. Top. Cb.
				85 4	5^{5} L. Top. Mac. cb.	
				84 47	30^{3} L. Conc. Gut.	
				85 11	30^{3} L. Top cb.	
$31+02^{0}$				85 5	Top Mac cb.	℄
$31+41^{3}$				85 7	" " "	℄
$31+47^{4}$				86 1		℄ Dirt
				85 7		7^{7} R. Top Mac. cb.
				85 2	7^{7} L. Top Mac. cb.	
32+00				86 2		℄ Dirt
				486 0		7^{7} R. Top Mac cb.

F. B. 2173 Pg. 128 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell A&E 55 Date Date No.
Survey by R. Willey Notes D.L.B. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
32+00				484 98		30°R Conc. Gut.
				85 64		30°R Top cb.
				85 9	7² L. Top Mac. cb.	
				85 00	30² L. Conc. Gut.	
				85 66	30² L. Top. cb.	
				87 7	225± L. Back P/L	
33+00				86 9		℄ Dirt.
				86 6		7² R. Top Mac. cb.
				85 55		30°R. Conc. Gut
				86 18		30°R. Top cb.
				86 7	7² L. Top Mac. cb.	
				85 57	30² L. Conc. Gut.	
				86 24	30² L. Top cb.	
34+00				87 4		℄ Dirt
				87 1		7² R. Top Mac. cb.
				86 09		30°R Conc. Gut.
				86 76		30°R. Top cb.
				87 2	7² L. Top Mac. cb.	
				86 16	30² L. Conc. Gut.	
				86 79	30² L. Top cb.	
35+00				488 0		℄ Dirt

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 129
Date ____ Date ____ Survey of Banewell Ave SS
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes R.L.W. Date 9-26-58
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
35+00				487 6		7^{1} R, Top Mac. cb.
				86 75		30^{0} R, Conc. Gut.
				87 39		30°R Top cb.
				87 6	7^{1} L. Top. Mac. cb.	
				86 70	30^{3} L. Conc. Gut.	
				87 39	30^{1} L. Top. Cb.	
				89 6	150± L. Back P/L	
36+00				89 0		℄ Dirt
				88 6		7^{1} Top Mac. cb.
				87 60		30°R. Conc. Gut.
				88 25		30°R. Top cb.
				88 6	7^{1} L. Top Mac. cb.	
				87 61	30^{3} L. Conc. Gut.	
				88 28	30^{3} L. Top cb.	
36+98.5				91 1		℄
				90 9		7^{1} R. Top Mac. cb
				90 8	7^{1} L. Top Mac. cb.	
37+00				91 2		℄
				90 9		7°R Top Mac. cb.
				89 96		30°R. Conc. Gut.
				90 62		30°R. Top cb.

F. B. 2173 Pg. 130
Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No.
Survey by R.L. Willey Notes D.L.B. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
37+00				490 8	7° L. Top Mac. cb.	
				89 98	30³ L. Conc. Gut.	
				90 66	30³ L. Top. cb.	
37+05⁵				91 0	Top Mac. cb.	℄
38+00				93 3		℄
				92 88		30 R Conc. Gut.
				93 55		" " Top Cb.
				92 87	30° L Conc. Gutter	
				93 52	" " Top Cb.	
38+41°				94 3		℄
				93 94		30° R Conc. Gut
				94 61		" " Top Cb.
38+45°				94 3		℄
				93 85	30° L Conc Gut	
				94 51	" " Top Cb.	
38+47⁴				94 4		℄
				94 1		21 ⁵R. Cor. asphalt pav't
				94 3	20 ⁷ L Cor. asphalt pav't	
+65°				94 2		℄ Top brk
+74°				93 5		℄ bottom brk.
+77				93 6		℄

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2054/4 Division No. ____ F. B. 2173 Pg. 131
X-Sec. No. ____ Date ____ Date ____ Survey of Banerrell Ave. SS
Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes D.R.B. Date ____
Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
38+77.0				492.5	20.5 L Top brk	
				89.3	31.5 L on side bank Little Dalton Wash	
39+00				94.0		℄
				94.7		30.0 R
				94.3	7.5 L Top brk	
				87.3	14.5 L Bot of bank in creek	
+73.2				94.8		℄
				94.8		4.8 R
				93.9	10.0 L Top bank	
				88.7	11.5 L Bottom Creek	
BM H.B 24				494.53	BM H.V. 24 Elev. 494.526 F.B. 2173-12 Larkeven Ave & Little Dalton Wash S. side 50' N. of ℄ Transmission Tower line Set Bt. Spk in E. Cb. 7's of N. end.	

F.B. 2173 Pg. 132
Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No.
Survey by R. L. Willey Notes R.L.B. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

A

Notes Ck'd by	Survey of Banewell Ave SS
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by ELWilley
Checked	Notes ELW Date
Date	Indexed

F. B. 2173 Pg. 133

C.I. 205414

BANEWELL AVE S.S

TOPOGRAPHY

TUDOR ST.

FROM ± LARK ELLEN AVE

TO ± E OF BANEWELL AVE

9-25-58

E L Willey
D. L. Burkholder
J. P. McCall
E A Swann

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76F3095 GE #247—8-57

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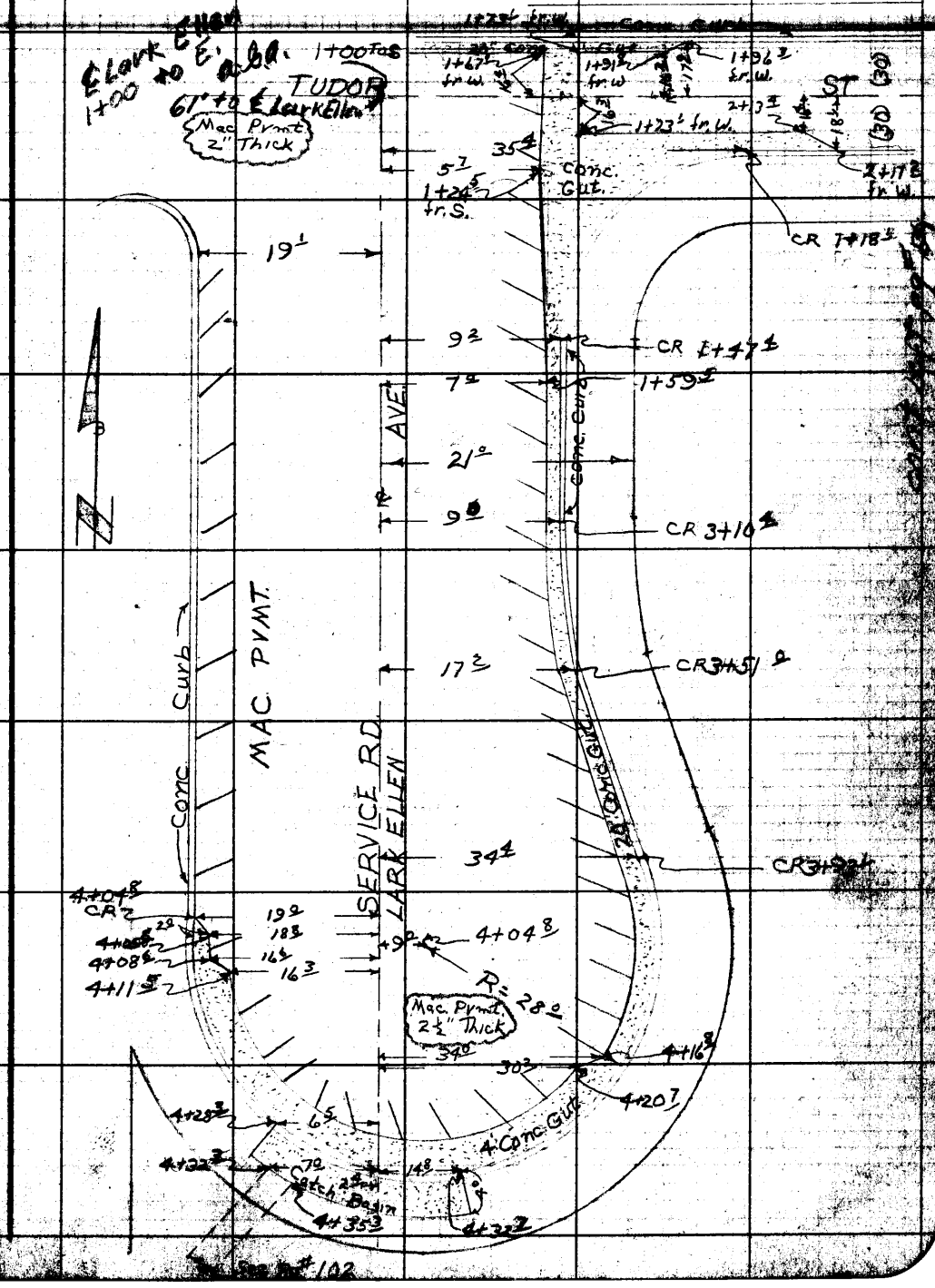
F.B. 2178 Pg. 134

Notes Ck'd by	Survey of Bonewell Ave SS	F. B. 2173 Pg. 135
Map No.	JN 205414 Tape Std °F	
Office Work	Surveyed by E L Willey	
Checked	Notes " Date 9-19-58	
Date	Indexed A. C. Johnson	



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2700 LOS ANGELES COUNTY ENGINEERING BLDG.

F.B. 2173 Pg. 136

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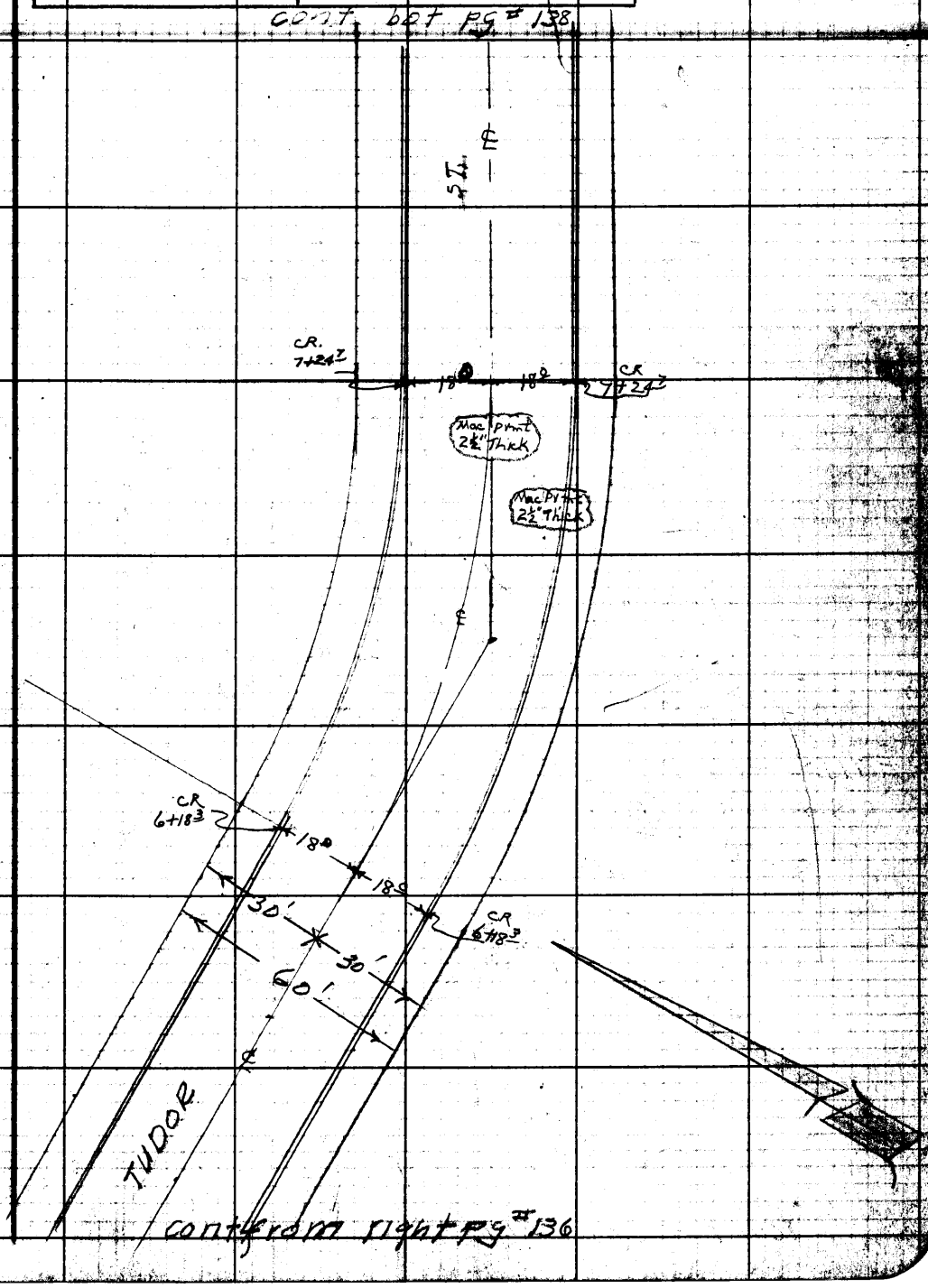
Notes Ck'd by	Survey of Banewell Ave. 55
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 9-26-58
Date	Indexed A. C. Johnson

F. B. 2173 PG. 137



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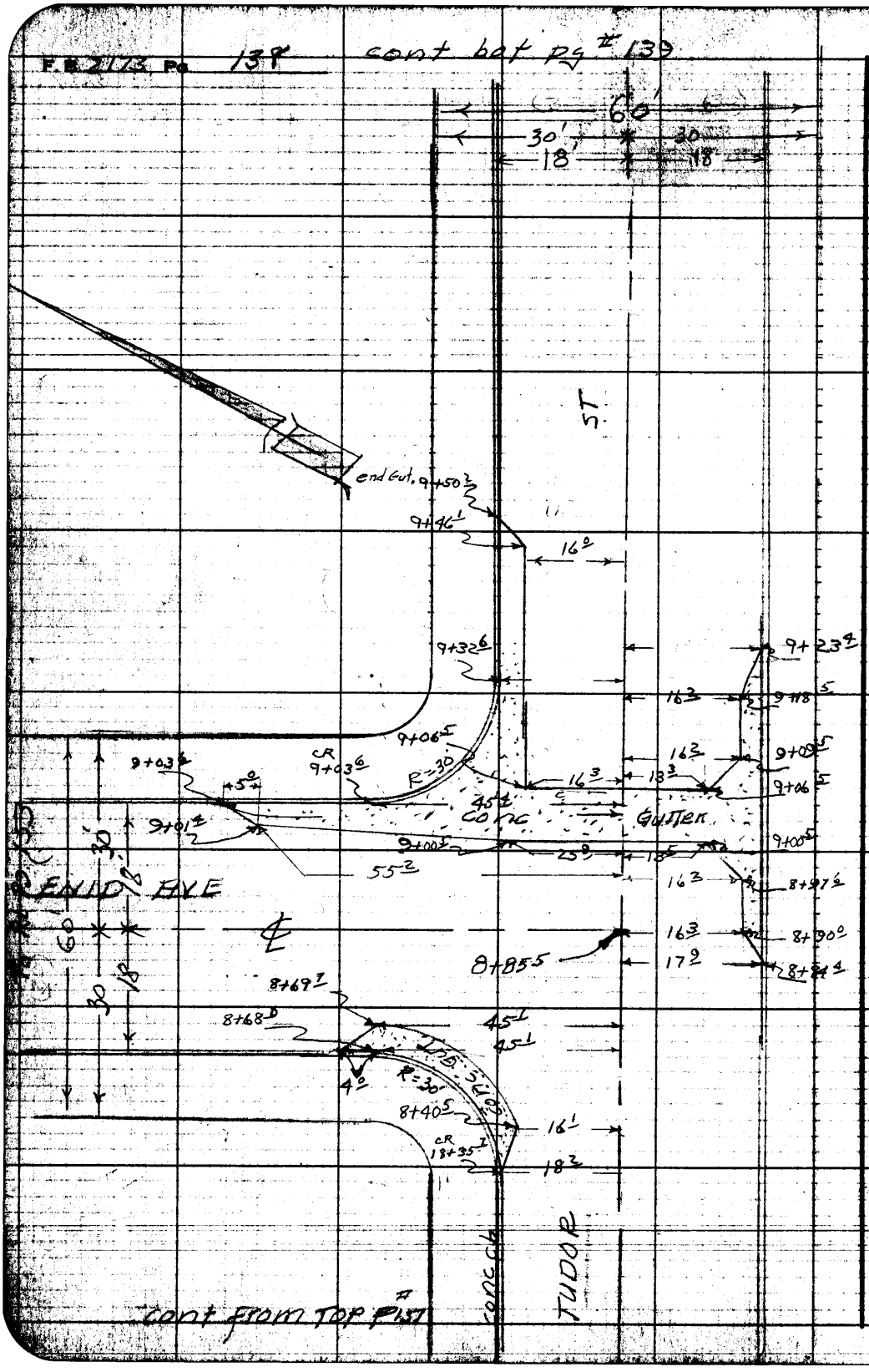
76F3095 CE #247—3-57



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900 Los Angeles County Engineering Bldg.

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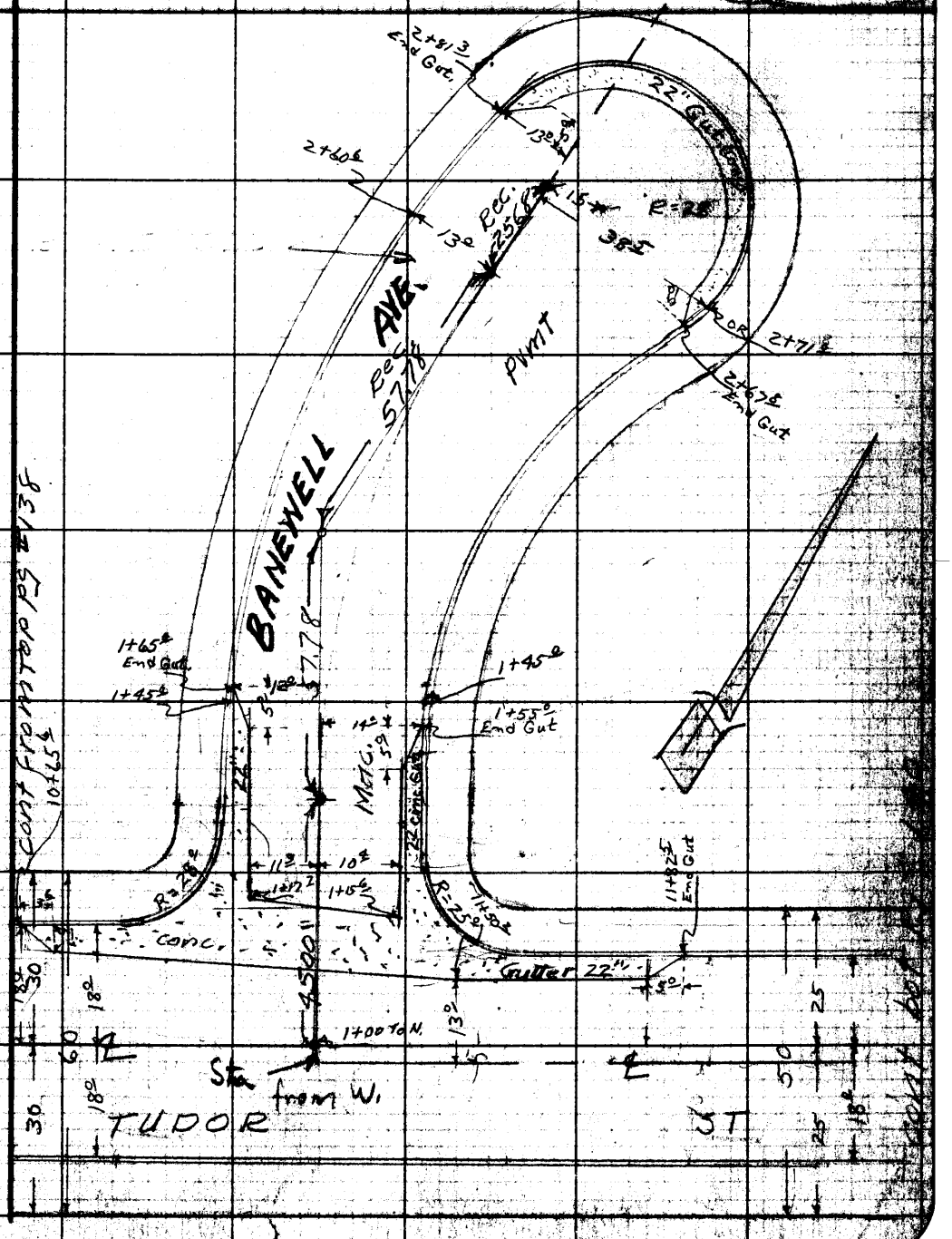
Notes Ck'd by	Survey of Banewell Ave SS	F. B 2173 Pg 139
Map No.	JN 205414 Tape Std °F	
Office Work	Surveyed by E L Willey	
Checked	Notes " Date 9-28-17	
Date	Indexed C. Johnson	

Note There is a swimming pool on Lot 176, T. 20022



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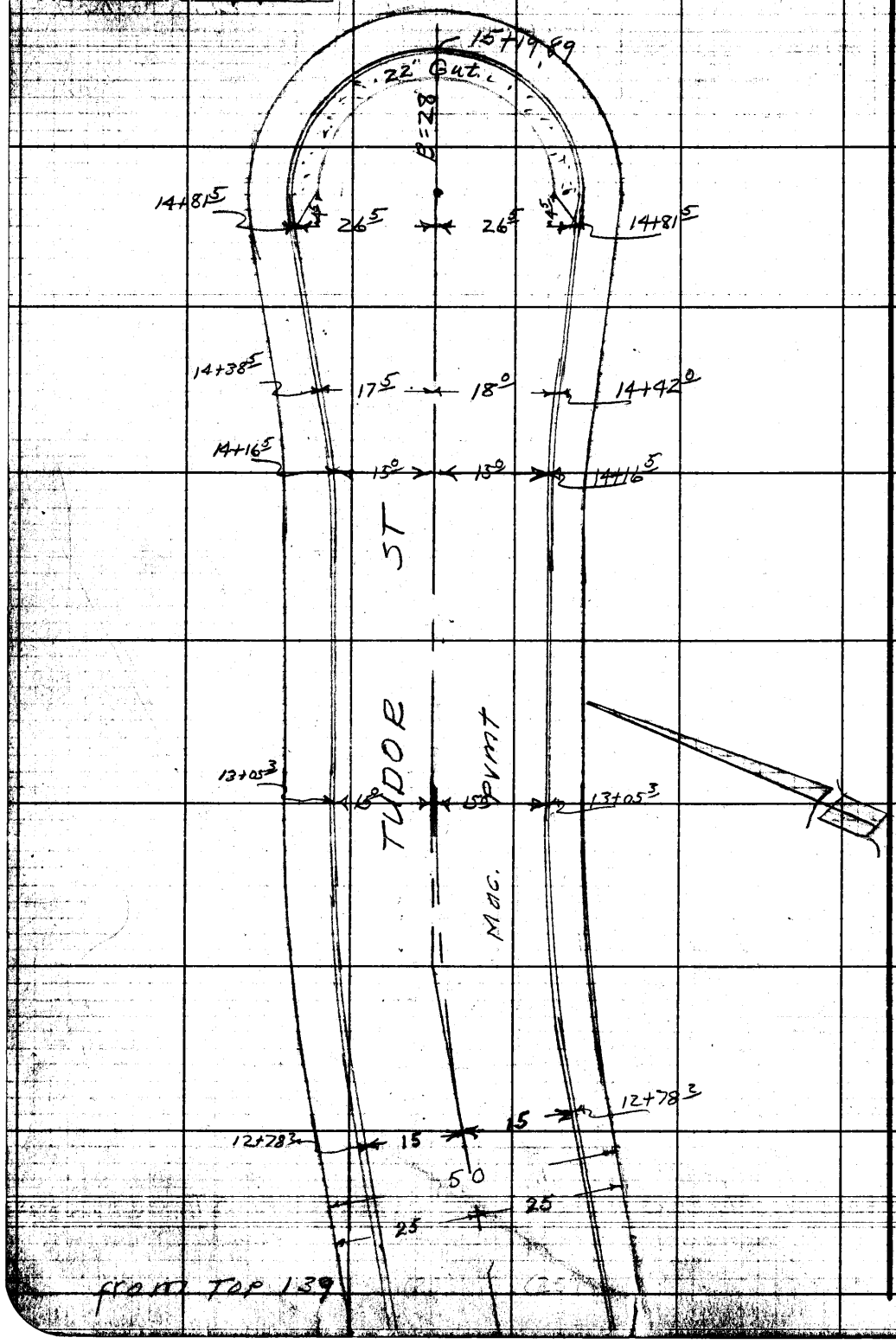
REPORT TO LOS ANGELES COUNTY ENGINEER 700 Los Angeles County Engineering Bldg.

F.B. [illegible] PG. 140



from Top 139

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Profile No.	Notes Red. Date	Plotted Date	Job No. 205414 Division No.	F. B. 2173 Pg. 141
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey of Banewell Ave SS Survey by R.L. Willey Notes R.L.W. Date Map No. Index [illegible] O. Johnson	

C.I. 2054.14

BANEWELL AVE SS

CROSS SECTIONS

TUDOR ST.

FROM LARKELLEN AVE

TO. EAST END TUDOR ST.

9-22-58

R.L. Willey
D.L. Burkholder
J.P. McGill
R.A. Swann

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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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.	TUDOR ST ℄
					BM HV-1 Elev. 478.564 LARK ELLEN AVE + TUDOR ST. N.W. COR.
BM HV-1				478 564	5' N. of N. Curb Ret. fd. Spk. + Ld. in Curb.
1+00				80 0	℄ int. Lark Ellen Ave. + Tudor st. ℄ Prmt
1+69.9				79 24	℄ Conc. Cross Gut.
				79 19	18° L. Conc. Gut.
				79 83	18° L. Top cb.
					Lark Ellen + Tudor
C.R.				79 37	C.R. S.E. Cor. E. end. gut.
C.R				80 05	" " " " Top cb.
2+00				80 0	℄ Prmt
				79 40	18° Rt Gut
				80 07	18° Rt Top Cb.
				80 16	18° L. Tob cb.
3+00				80 9	℄ Prmt.
				81 01	18° R. Top cb.
				81 06	18° L. Top cb.
C.R.				81 07	Tudor st + Vogue Ave S.W. COR. W. end. Conc. Gut.
				81 72	" " " Top. Cb.
4+00				82 0	℄ Prmt.
				82 10	18° L. Top cb.
				81 94	Tudor + Vogue S.E. COR. E. end gut.
				482 56	" " " Top cb.

F. S. 2173 Pg. 142 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Bagewell Ave SS Date Date No. X-Sec.
Survey by P.L. Willey Notes DSB Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	Tudor St.	
5+00				482 8		℄ Pvmt.
				82 80		18° R Top cb.
				82 98	18° L. Top cb.	
6+00				83 7		℄ Pvmt.
				83 70		18° R Top. cb.
				85 2		195± R. back P/L.
				83 82	18° L. Top cb.	
				85 6	110± L. back P/L	
7+00				84 3		℄ Pvmt.
				84 30		16.5 R Top cb.
				84 42	19.8 L. Tob cb.	
8+00				84 8		℄ Pvmt.
				84 87		18° R Top cb.
				84 99	18° L. Top cb.	
CR.				84 49		Tudor + Enid N.W. Cor. W. end. Conc. Gut.
CR.				85 15		" " Top cb.
9+00				85 2		℄ Pvmt.
				84 74		18° R. Gut.
				85 41		18° R. Top. cb.
9+03.3				85 06		℄ Conc. Cross Gut.
				484 80		18° R. Gut.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 143
Date ____ Date ____ Survey of Banewell Ave SS
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by RLWilley Notes RLW Date 9-29-58
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
9+03 3				485 45		18° R. Top Cb.
				85 19	18° L. Conc. cross Gut	
				85 21		Tudor & Enid N.E. COR. E. end gut.
				85 88		" " Top cb.
10+00				86 8		℄ Prmt.
				86 80		18° R. Top. cb.
				86 82	18° L. Top cb.	
C.R.				87 31		Tudor & Banewell N.W. COR. W. end. Gut
C.R.				87 97		" " Top cb.
11+00				88 1		℄ Prmt
				88 19		18° R Top cb.
				87 67	23° L. Gut.	
				88 20	23° L. Top cb.	
CR				88 30		Tudor & Banewell N.E. Cor. E. end Gut.
CR				88 94		" " Top cb.
12+00				89 2		℄ Prmt
				89 23		18° R Top cb
				89 38	18° L. Top cb.	
13+00				90 3		℄ Prmt.
				90 52		15° R. Top cb.
				490 40	15° L. R Top cb.	

F. B. 2173 Pg. 144 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave 65 Date Date No. X-Sec.
Survey by R.L. Willey Notes R.L.W. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	TUDOR ST.	
14+00				491 3		℄
				91 47		15° R. Top cb.
				93 3		120± R. Back. P/L.
				91 51	15° L. Top. Cb.	
15+00				92 5		℄ pvmt.
				91 91		26± R. Gut.
				92 58		26± R. Top cb.
				91 86	27° L. Gut.	
				92 54	27° L. Top cb.	
15 +19				92 02		℄ conc. Gut.
				92 69		℄ Top cb.
BM HV-18				492 70	BM HV-18 Elev 492.705 fd Bt spk in Ld. 15' N. ℄ of Tudor at Dead end infront Hse #17163	

Profile Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 145
No. ____ Date ____ Date ____ Survey of Barnewell Ave SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L.Willey Notes R.L.W. Date 9-29-58
No. ____ Date ____ Date ____ Map No. ____ In Hse C. Johnson Date ____

F. B. 2173 Pg. 146 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.

76298 S & E #307—7-55

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Profile No. | Notes Red. | Date | Plotted | Date | Job No. 20514 | Division No. | F. B. 2173 | Pg. 147

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Banewell Ave SS | Survey by R.L.Willey | Notes R.L.W. | Date 9-29-58 | Map No. | Indexed C. Johnson | Date

C.I. 20514.

BANEWELL AVE SS

CROSS SECTIONS

LARK ELLEN SERVICE RD

FROM TUDOR ST

TO. BIG DALTON WASH

9-29-58

R.L.Willey
D.S.Burkholder
J.P.McCall
R.A.Swenson

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LARK ELLEN	SERVICE RD
BM-45-10					BM45-10 Elev.: 477.761 Maseline St & Lark Ellen Ave. N.W. COR. 5' N. of N. Cb. Rct. fd. Bt. Spk in Ld.	
1+00				479 3		℄ Int Service Rd. & Tudor St.
CR.				78 90		S.E. Cor. S. End. CR. Gut.
CR.				79 54		" " " Top. Cb.
2+00				79 1		℄ Pvmt.
				79 78		19° R. Top cb.
				78 81	9° L. Gut	
				79 46	9° L. Top. Cb.	
2+50				79 0		℄ Pvmt
				79 87		19° R Top cb.
				78 73	9° L. Gut.	
				79 40	9° L. Top cb.	
				81 4	126.2± L. Back P/L	
3+00				79 0		℄ Pvmt.
				79 83		19° R. Top. Cb.
				78 66	9° L. Gut.	
				79 28	9° L. Top. Cb.	
4+00				79 2		℄ Pvmt.
				79 68		19° R Top cb.
				78 51	36.5 L. Gut.	
				479 15	36.5 L. Top cb.	

F. B. 2173 Pg. 148 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No. X-Sec.
Survey by R. L. Willet Notes B.S.B. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LARK ELLEN	SERVICE RD.
4+				478 30		℄ Gut (at catch basin)
4+32 3				479 28		℄ Top cb.
BM HV-1				478 57	BM HV-1 El. = 478.564 LARK ELLEN AVE & TUDOR ST. N.W. COR. 5' N. of N. End CR	fd. Bt. Spk in Ld.
	CROSS. SECTIONS :- VOGUE AVE FROM TUDOR AVE :- TO BIG. DALION WASH.					
B.M. HV-20				481 70	BM HV-20 Elev. = 481.703, TUDOR ST. + VOGUE AVE. S.W. COR. 5' W. of W. end CR.	fd. Bt. Spk in Ld.
1+00				82 2		℄ Int. Tudor St. + Vogue Ave.
CR.				81 59		S.W. COR. S. End. CR. Gut
CR.				82 24		" " " Top cb.
CR.				81 74		S.E. COR. S. End CR. Gut.
CR.				82 45		" " " Top cb.
2+00				82 2		℄ Prmt.
				81 73		18° R. Gut.
				82 38		18° R. Top cb.
				81 65	18° L. Gut.	
				82 29	18° L. Top cb.	
2+50				82 0		℄ Prmt.
				81 62		18° R. Gut.
				82 24		18° R. Top cb.
				481 54	18° L. Gut.	

Profile Notes Red. ____ Plotted ____ Job No. 205416 Division No. ____ F. B. 2173 Pg. 149
No. ____ Date ____ Date ____ Survey of Bone Well Ave SS.
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Wille Notes D.S.B. Date 9-29-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Job Date ____

76298 S & E #307—7-55

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F. B. 2173 Pg. 150 Job No. 2054-4 Division No. 5 Notes Red. Plotted
Survey of Banewell Ave Date No.
Survey by E.L. Willey Notes Q.S.B. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.
Profile

STATION	B. S.	H. I.	F. S.	ELEV.	VOGUE AVE
2+50				482 20	18° L. Top cb.
				84 6	123° L. Back P/L.
3+00				82 0	& Pvmt.
				81 49	18° R Gut.
				82 12	18° R. Top cb.
				81 52	26.5 L. Gut.
				82 15	22.5 L. Top. cb.
3+69.2				81 32	& Gut.
				82 00	& Top cb.
3+71.5				81 07	11° L. Gut. (at catch basin)
				481 97	11° L. Top cb.
BM HV-19				481 98	BM HV-19 EL. = 481.991 VOGUE AVE AT DEADEND 270± S. of Int. Tudor St. & Vogue Ave. fd. Bt spk & Ld in cb.

CROSS SECTION BANEWELL AVE
FROM TUDOR AVE :: TO 390' ± N. OF TUDOR AVE

BM. HV-17				489 01	BM HV-17 EL. 488.013. TUDOR St & BANEWELL AVE N.E. COR. 5' E. of E. end CR. fd Bt. Spk in Ld.
1+00				88 5	& Int. Tudor St & Banewell Ave.
1+13.5				88 07	& Conc. Cross. Gut. Tudor St. & Banewell Ave.
CR				88 30	N.E. COR. N. End CR. Gut.
CR.				88 80	Top cb.
CR				487 81	N.W. COR N. End CR Gut.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	BANEWELL ℄ AVE	
CR.				488 31	N.W. COR. N. End. CR. Top cb.	
2+00				88 4		℄ Pvmt.
				89 00		25⁵ R. Top. cb.
				88 52	5⁵ L. Top cb.	
2+30				88 7		℄ Pvmt.
				89 14		26° R. Top cb.
				90 9		112° R. Back P/L
				88 64	11° L. Top. Cb.	
3+00				88 8		℄ Pvmt.
				88 72		41° R. Gut.
				89 23		41° R. Top cb.
				88 42	8° L. Gut.	
				88 96	8° L. Top cb.	
3+10²				88 50		℄ Gut.
				489 03		℄ Top cb.
BM HV-16				489 17	BM HV-16 EL 489.186 BANEWELL AVE, 310± N. of Int Tudor St + Banewell Ave. In front of Hse #4914, fd. Bt. Spk + Ld.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205464 Division No. ____ F. B. 2173 Pg. 151
X-Sec. No. ____ Date ____ Date ____ Survey of Banewell Ave SS
Notes Chkd. ____ Checked ____ Survey by P.L. Willey Notes P.L.W. Date 9-29-58
Date ____ Date ____ Map No. ____ Indexed C. Job

F. B. 2173 Pg. 152 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed L. C. Johnson Date Date Date No.

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

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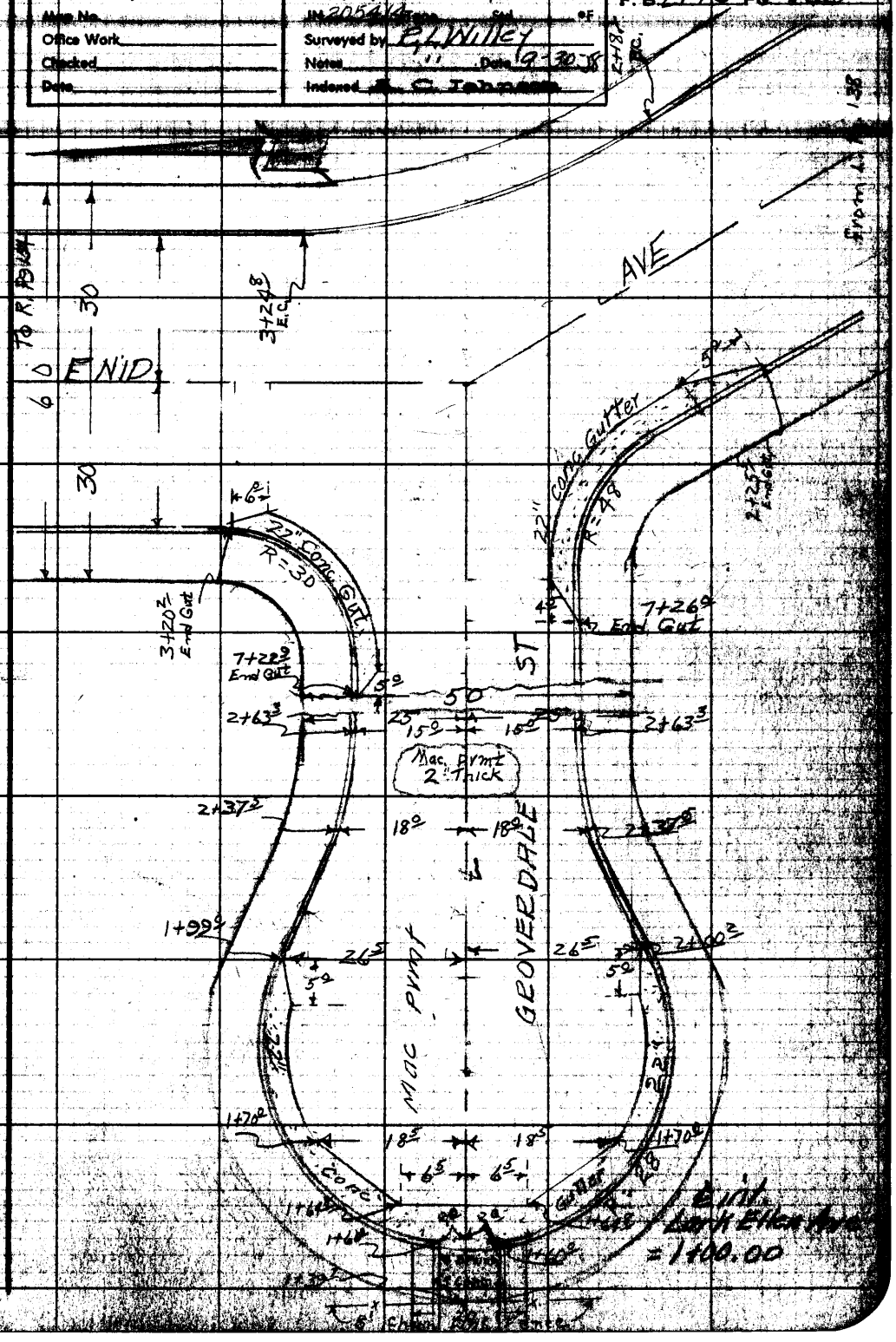
76298 S & E #307—7-55

Notes Ck'd by	Survey of Bancwell Ave SS	F. B. 2173 Pg. [illegible]
Map No.	IN 205414 Tone Std. °F	
Office Work	Surveyed by E. L. Willey	
Checked	Notes " Date 9-30-58	
Date	Indexed [illegible] C. Johnson	



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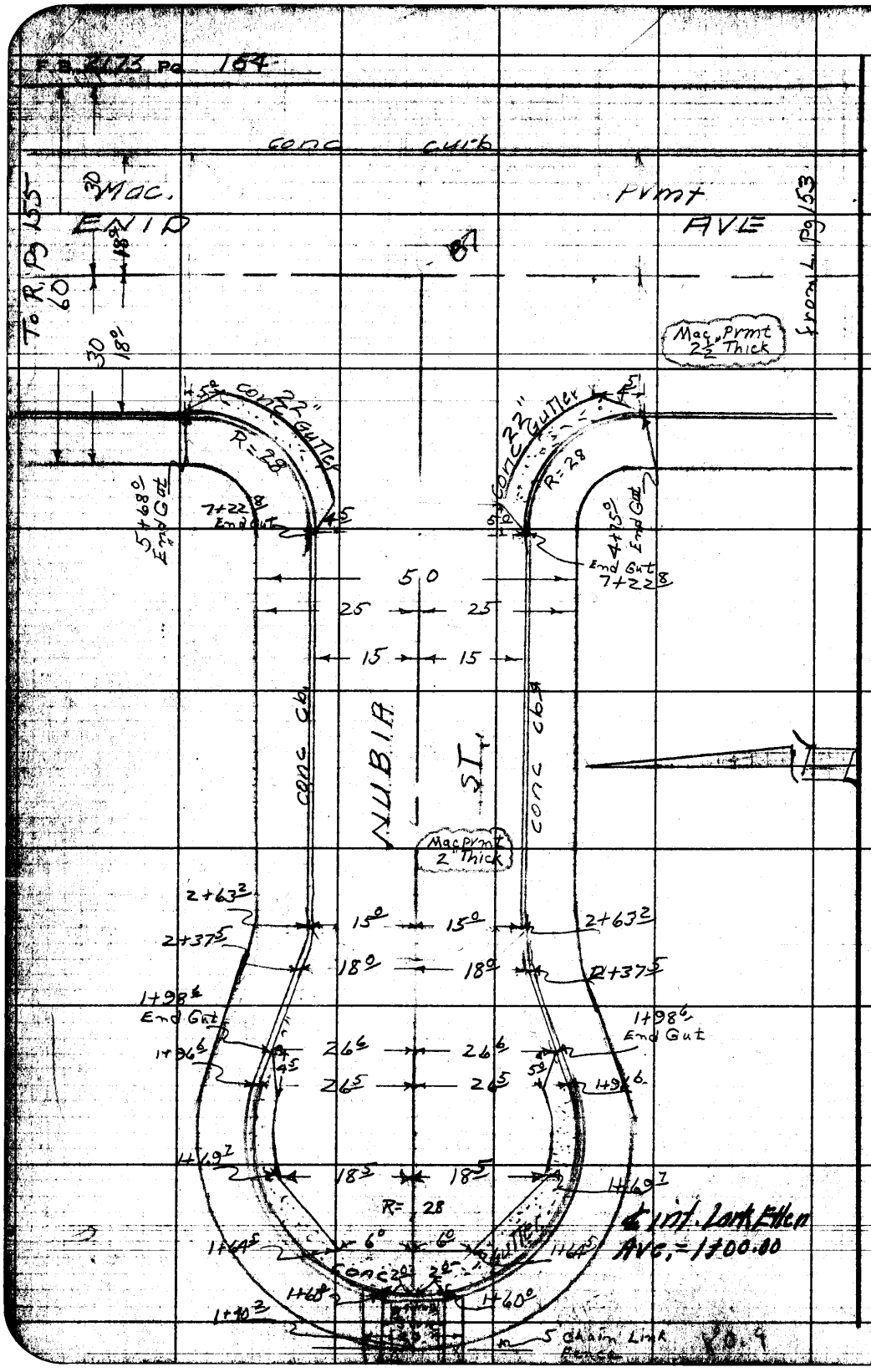
7EF2065 CE #247—3-57



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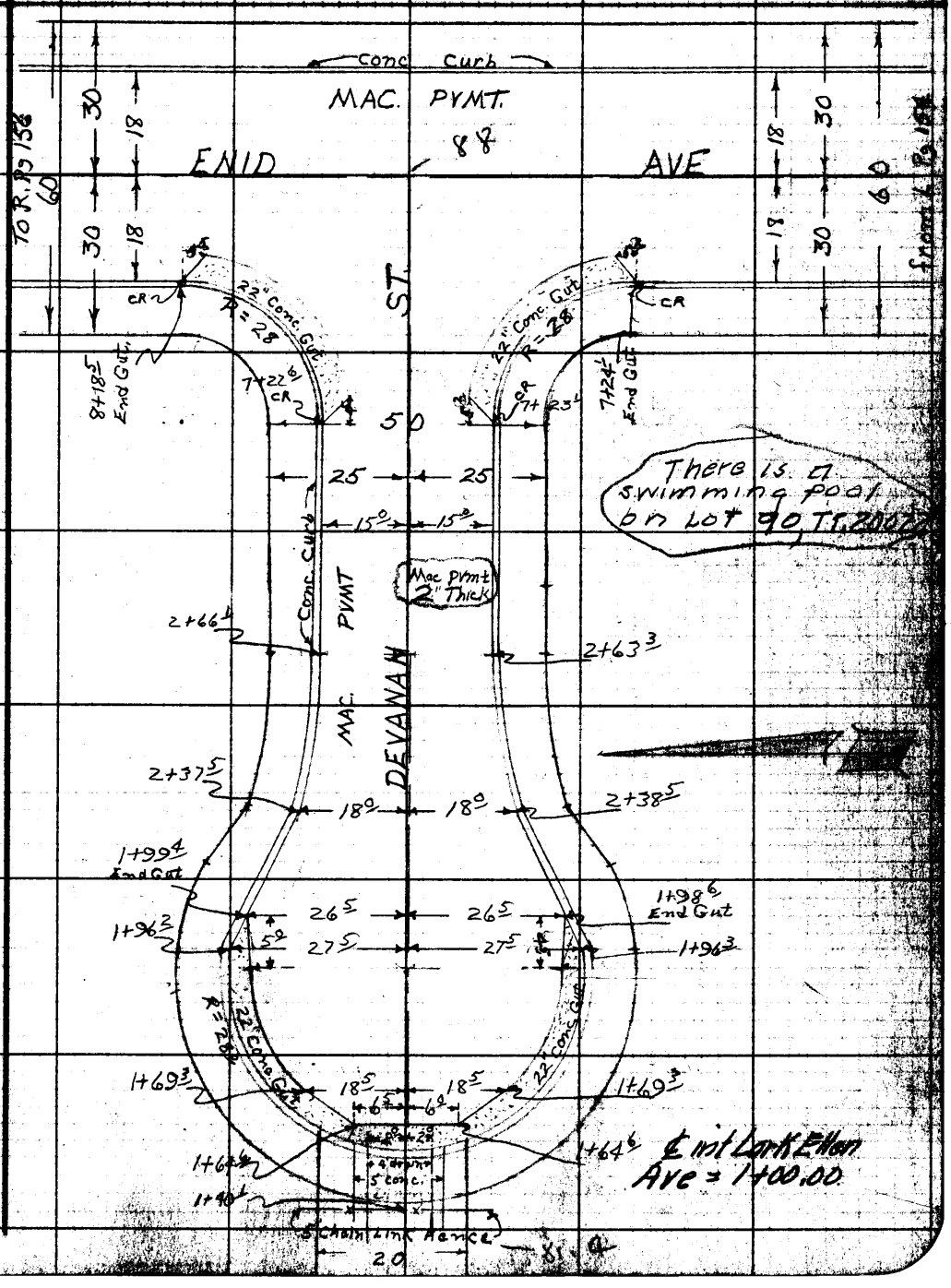
Notes Ck'd by	Survey of Bonewell Ave SS
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by P.L. Willey
Checked	Notes " Date 9-30-58
Date	Indexed C. Johnson

F. B. 2173 Pg. 155



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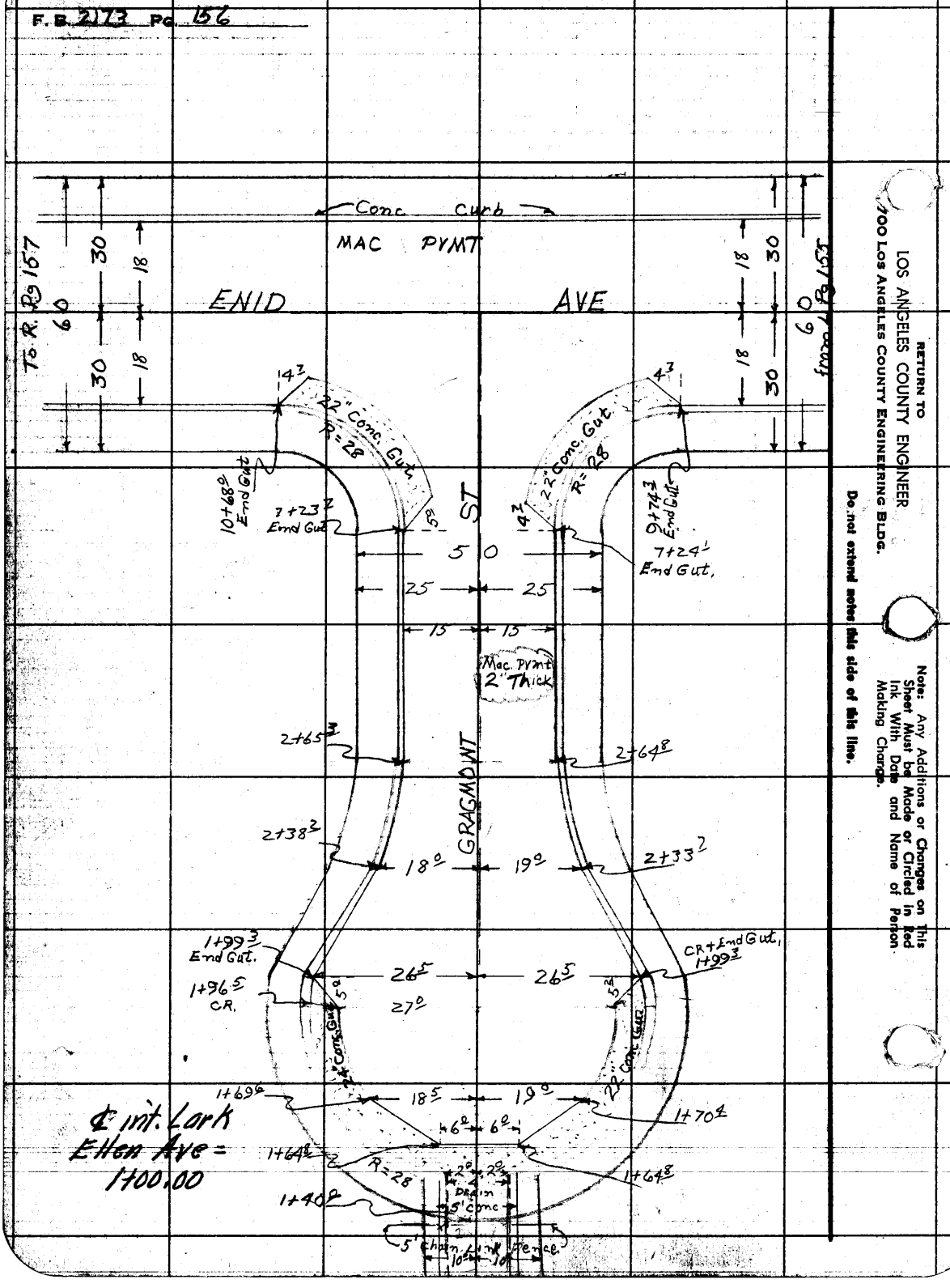
76F3098 CK #247-3-57

F. B. 2173 Pg. 156



℄ Int. Lark Ellen Ave = 1+00.00

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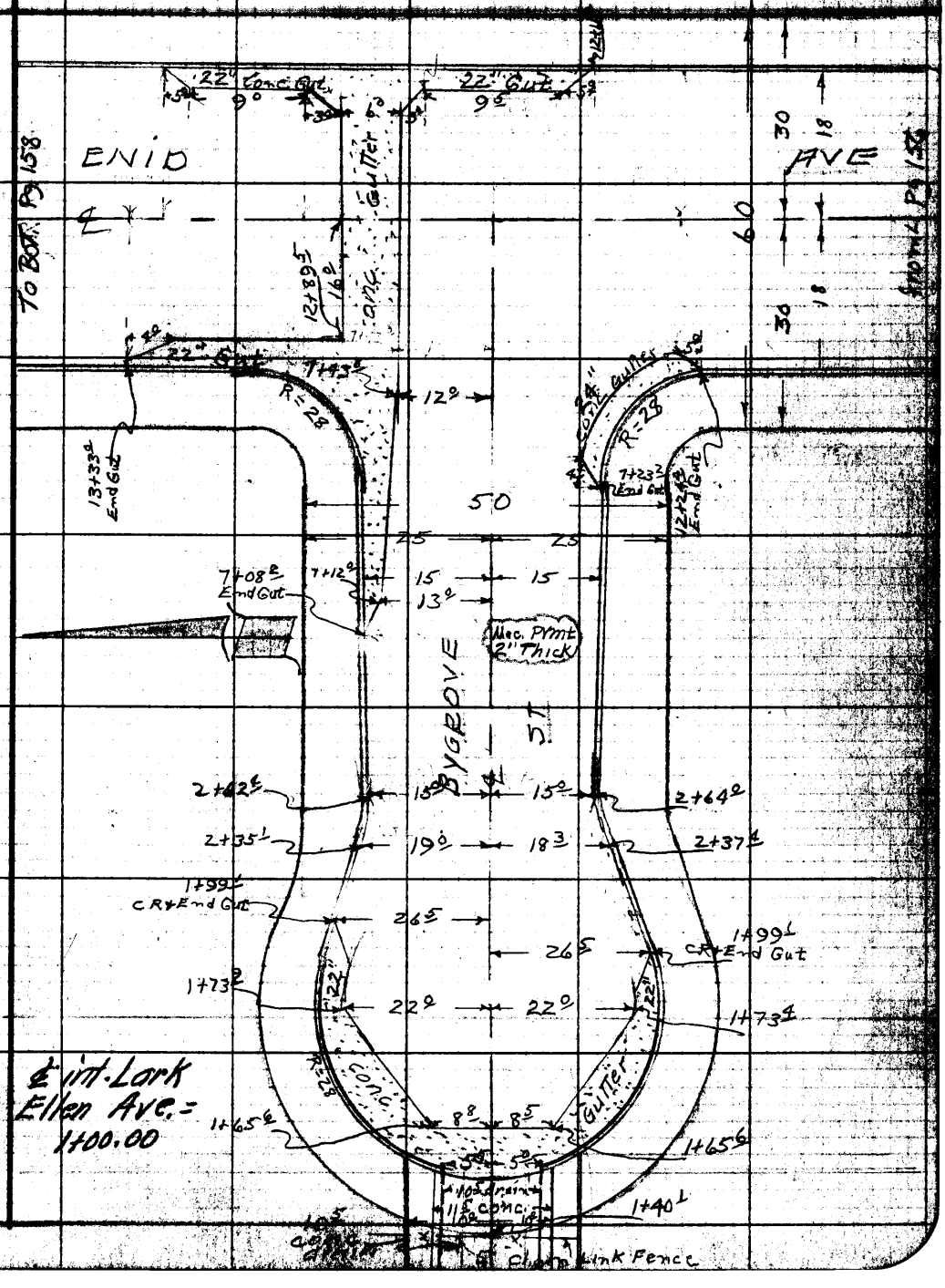
Notes Ck'd by	Survey of Banewell Ave SS
Map No.	JN 2054.14 Tape Std °F
Office Work	Surveyed by E L Willey
Checked	Notes " Date 9-30-58
Date	Indexed C. Johnson

F. B 2173 Pg. 157



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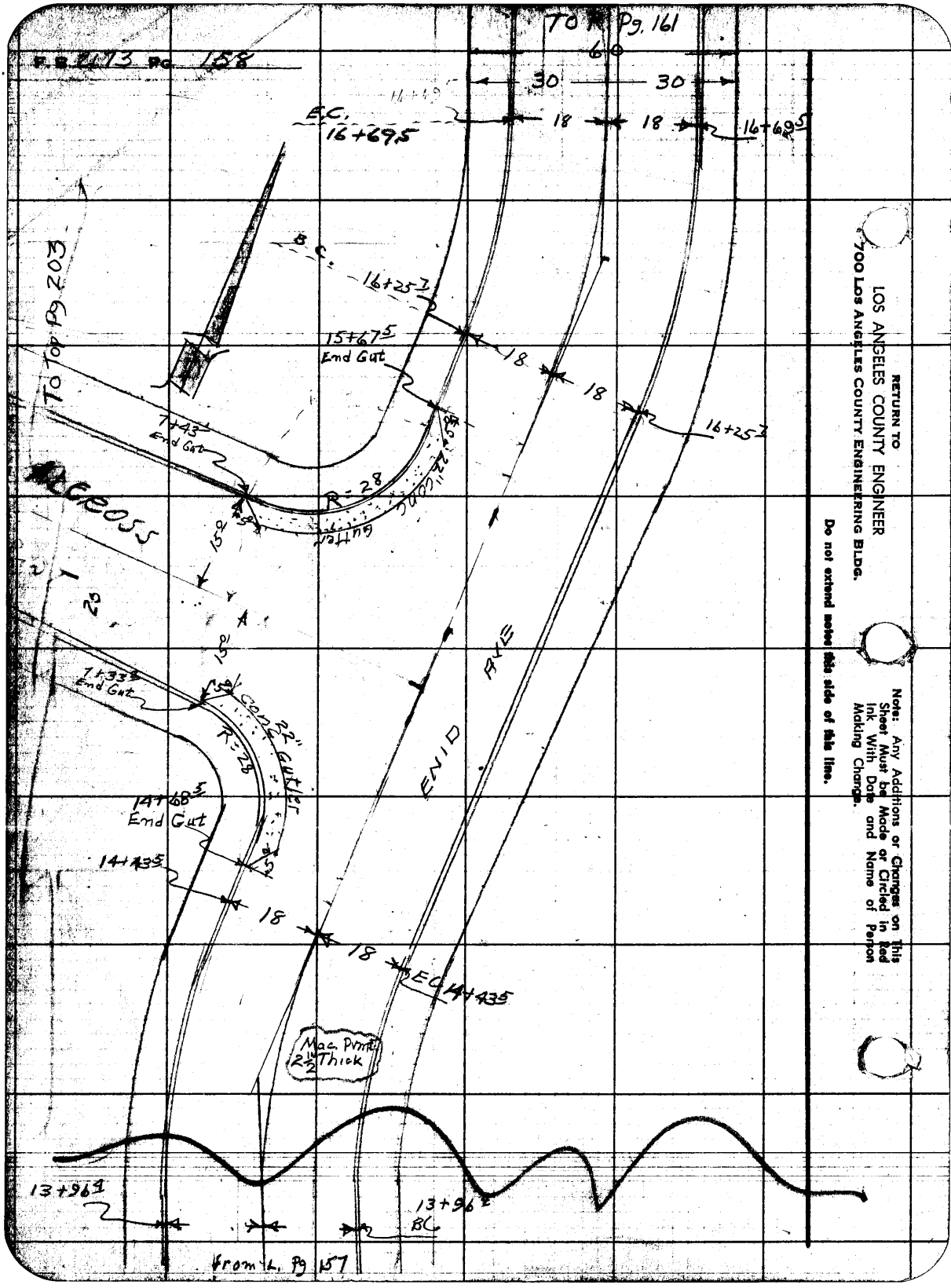
76F3095 CE #247—3-57



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Notes Ck'd by	Survey of BANEWELL AVE SS DIST
Map No.	JN 2055.4 Tape Std °F.
Office Work	Surveyed by R.L. Willey
Checked	Notes " Date 9-30-58
Date	Indexed Tabulated

F. B. 2173 Pg. [illegible]

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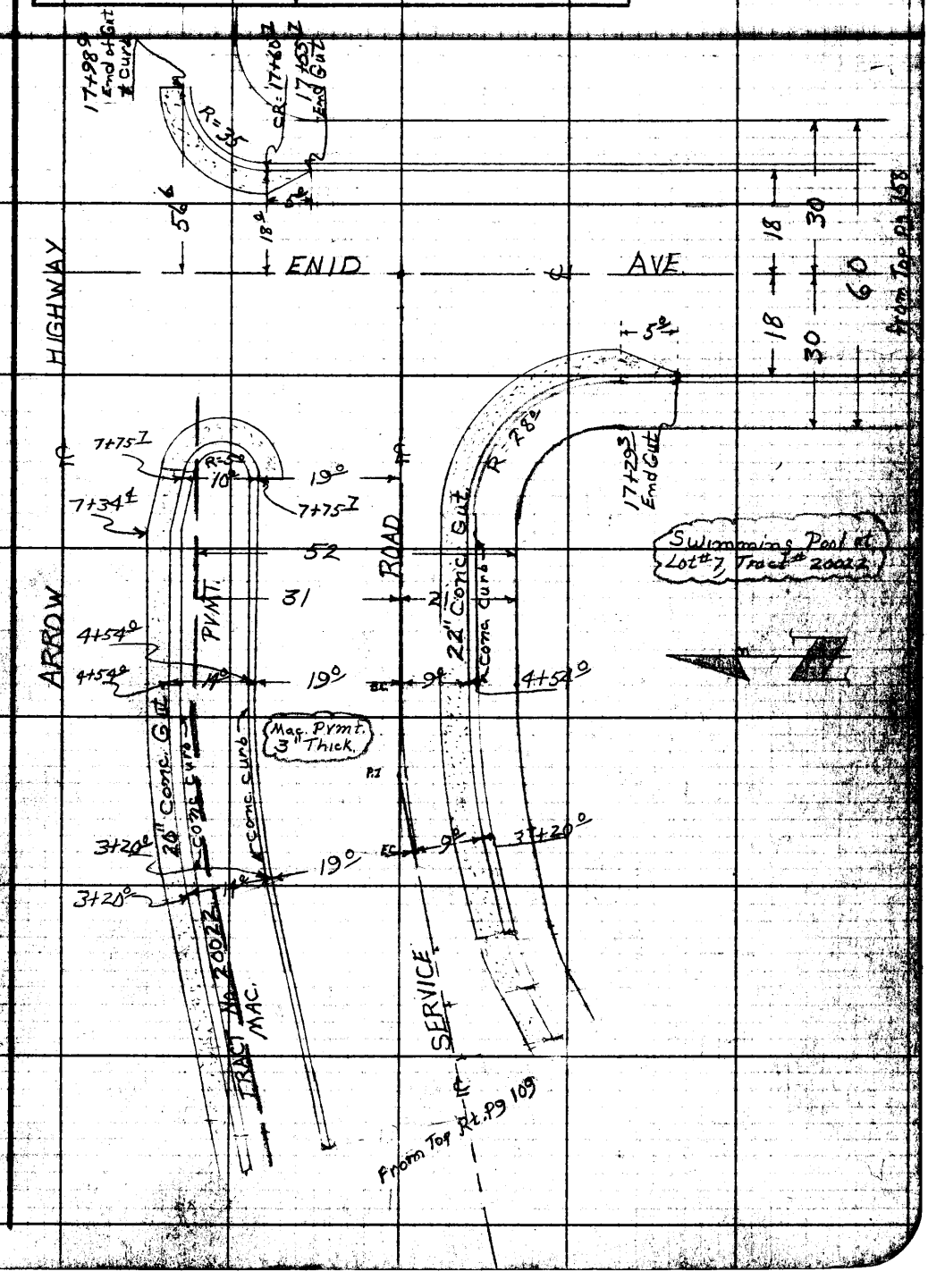

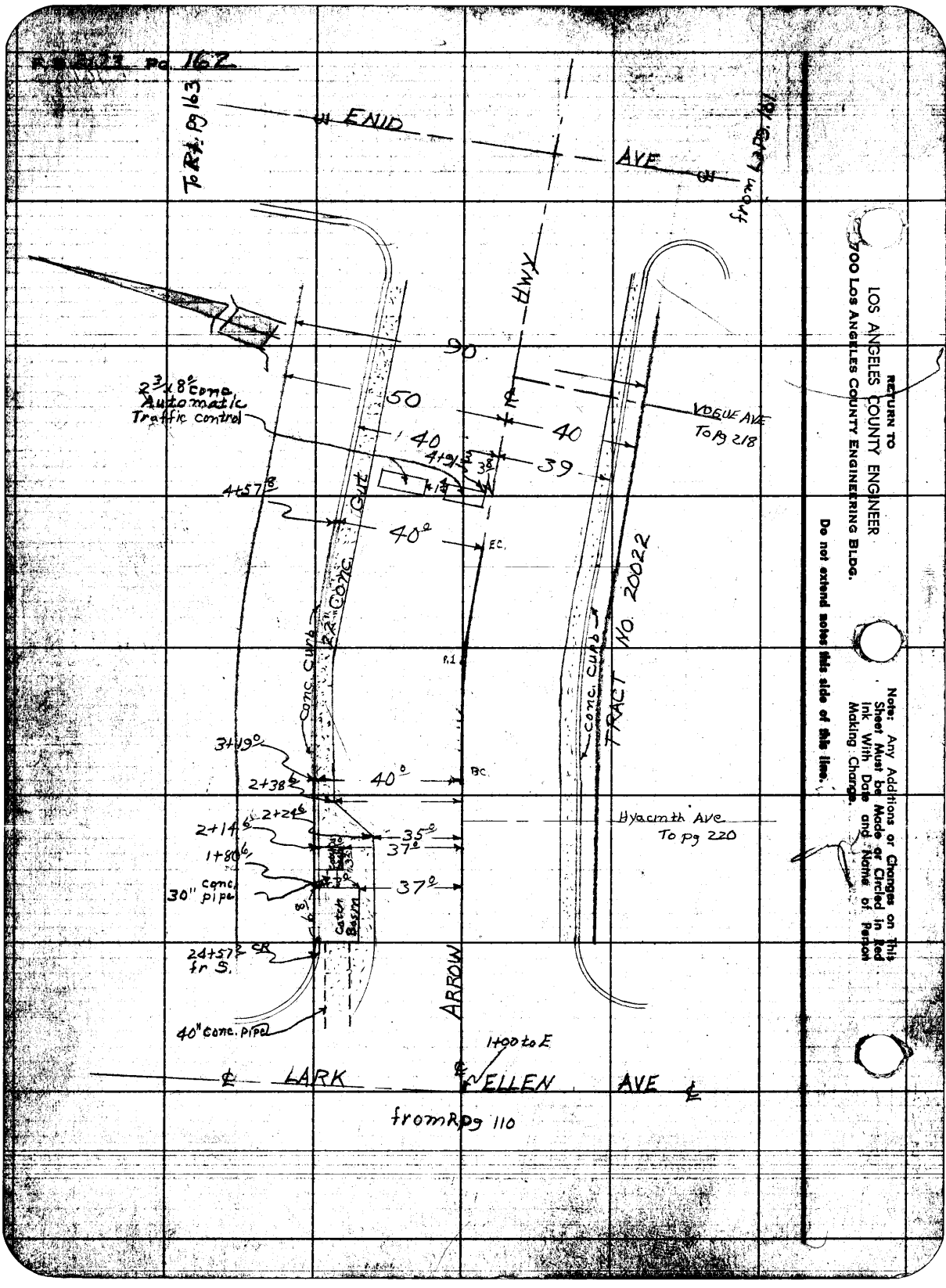

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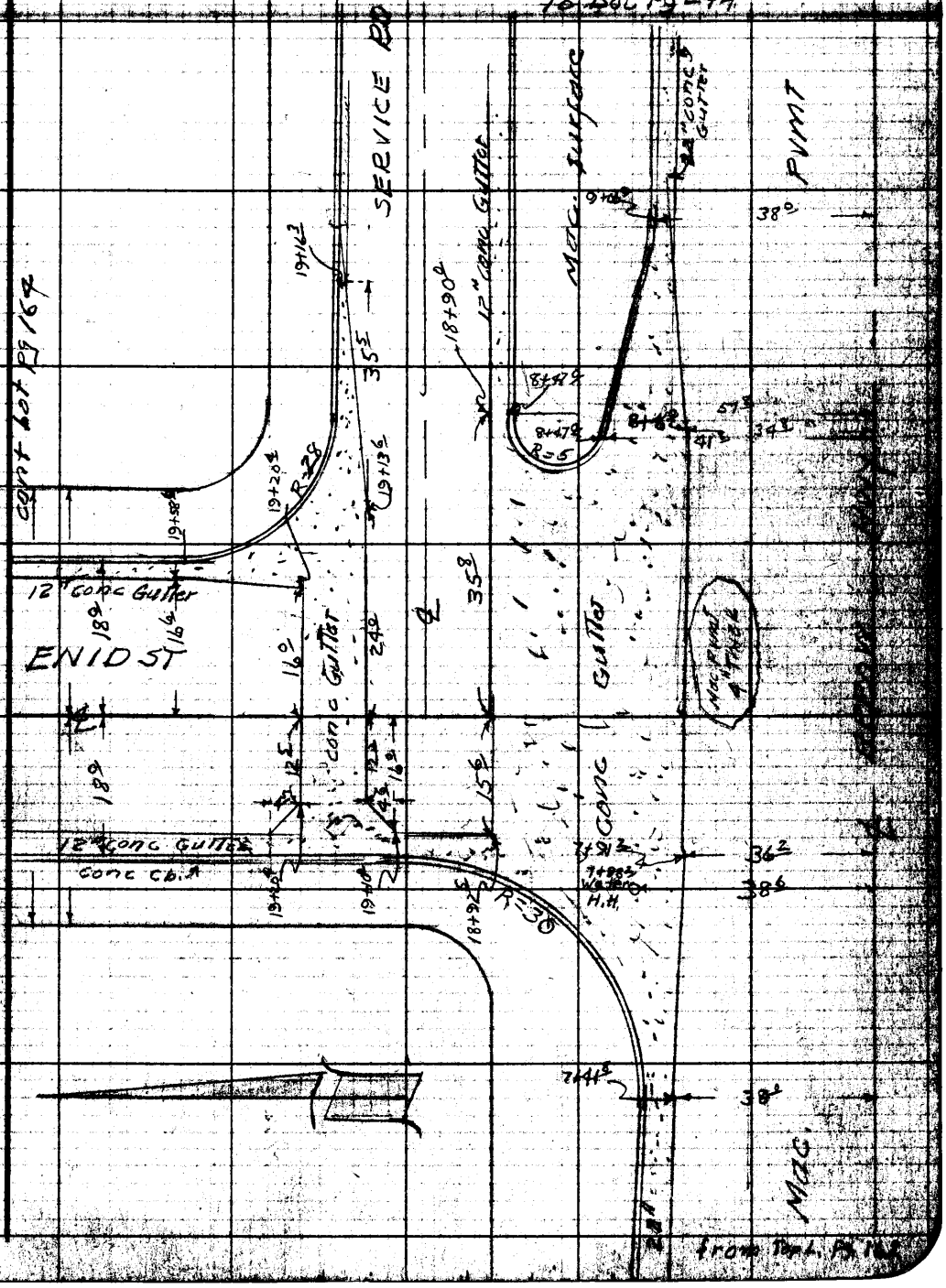
Notes Ck'd by	Survey of BANEWELL AVE SS DIST.
Map No.	JN 2054.14 Tape Std. °F
Office Work	Surveyed by R.L. WILLEY
Checked	Notes Date 9-30-58
Date	Indexed A. C. Johnson 10-27-58

F.B. 2173 Pg. 105

To Bot Pg 244



from Top L. Pg 162

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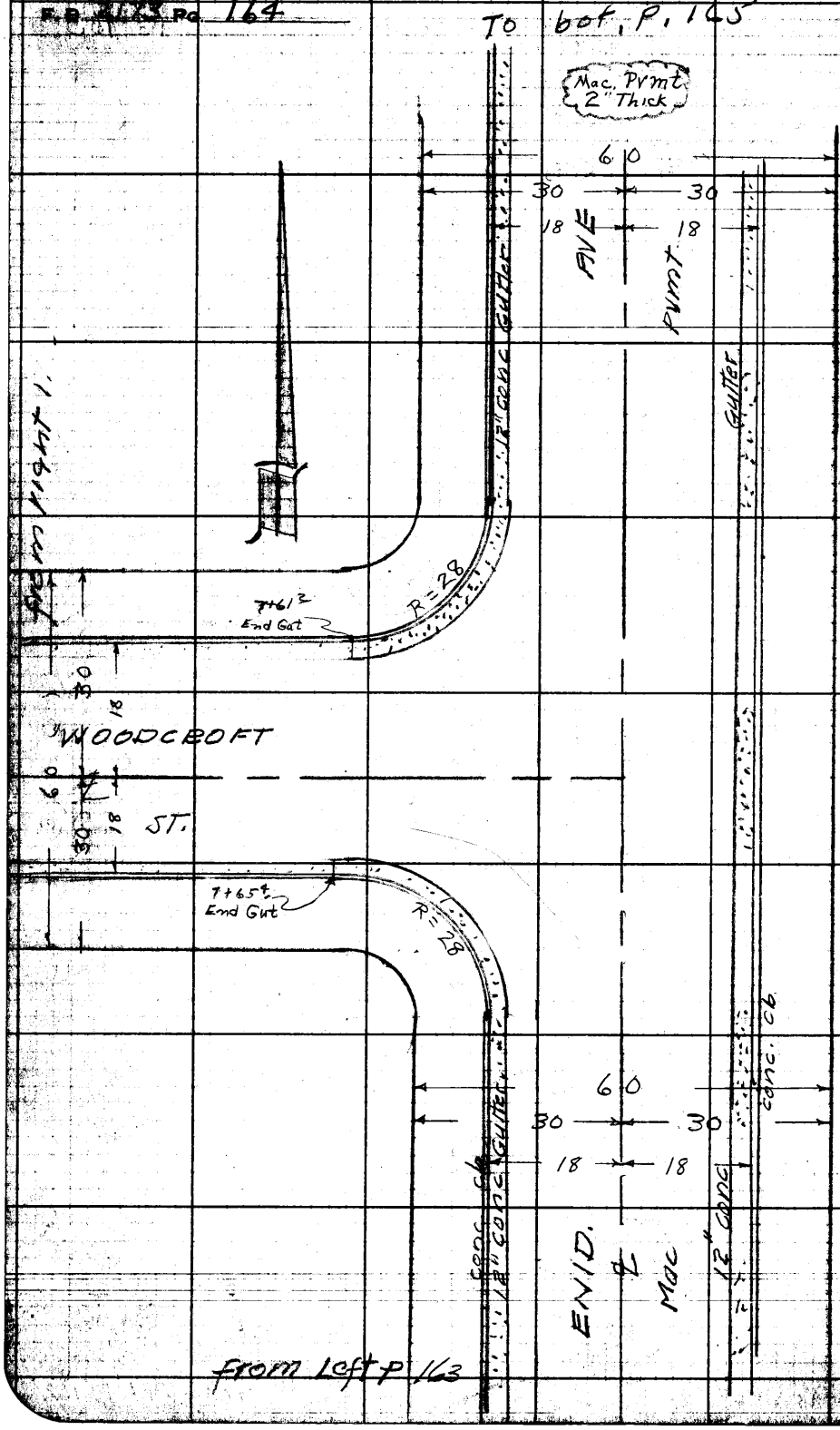
F.B. 2123 Pg. 164



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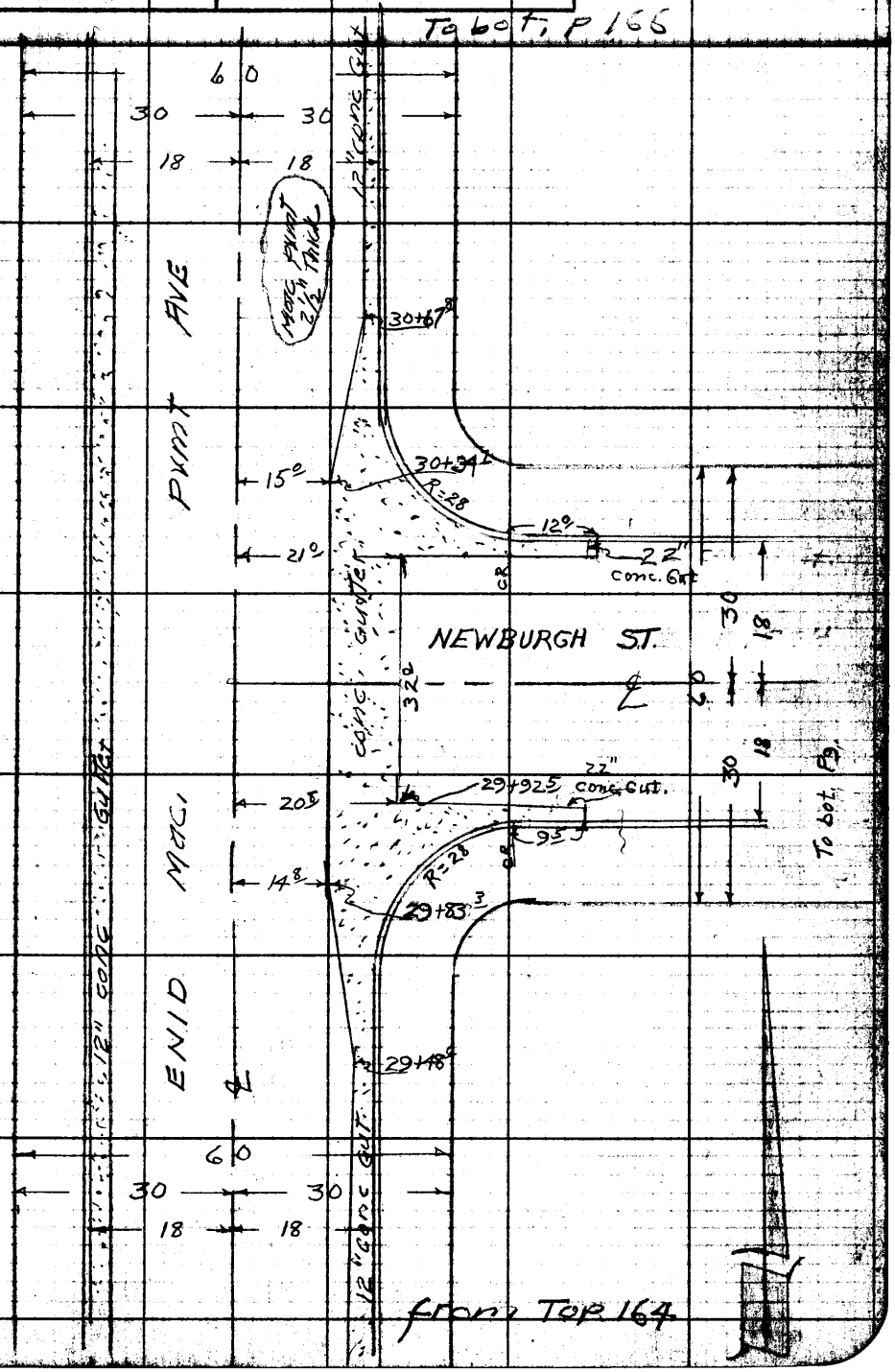
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Banewell Ave SS
IN 2254/4 Tape Std °F
Surveyed by R.L. Willey
Notes " Date 9-18
Indexed C. Johnson

F. B. 2178 Pg. 165

Talbot, P 166



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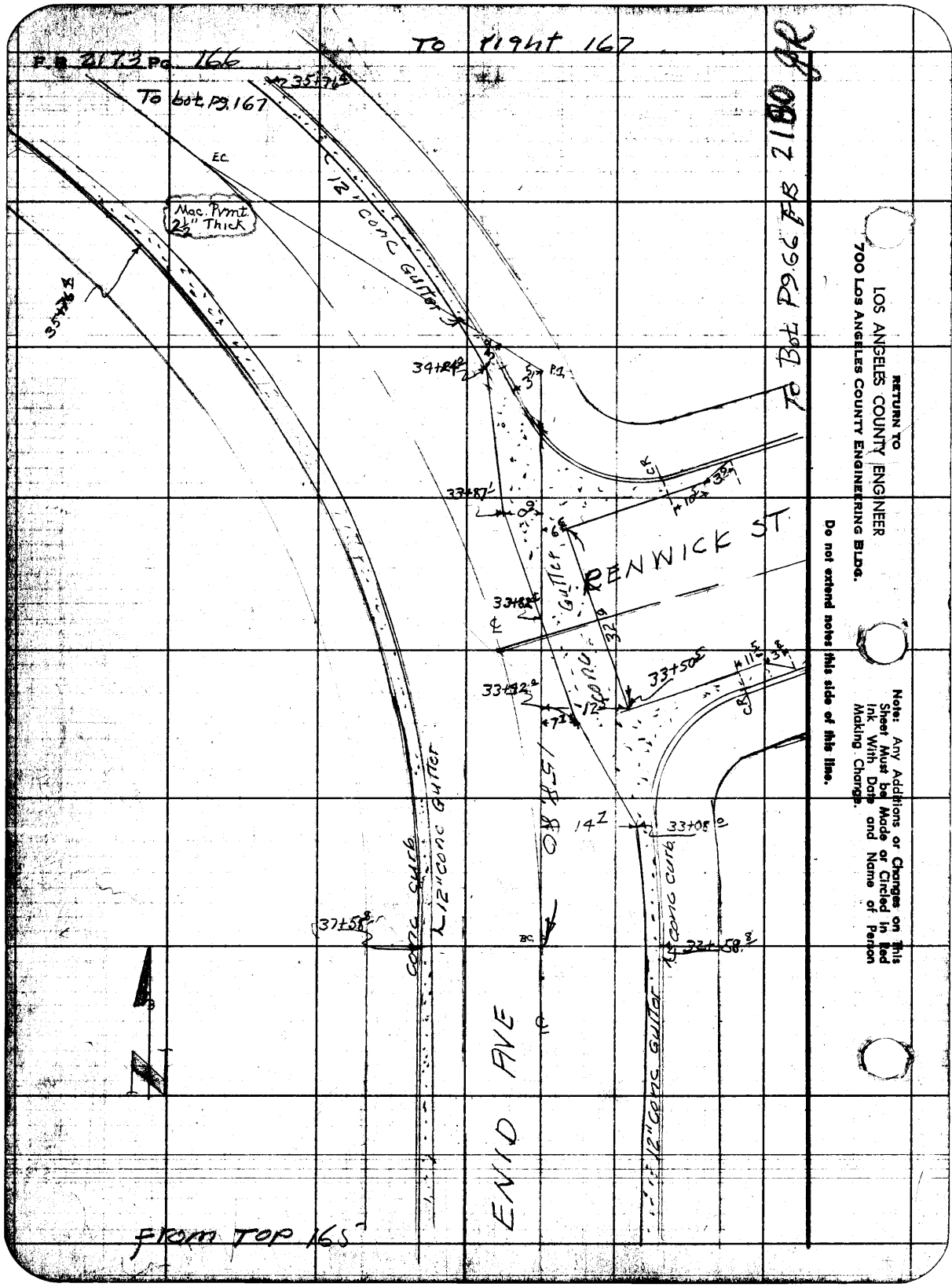
700 LOS ANGELES COUNTY ENGINEERING BLDG.

PURPOSE CE #347—3-57



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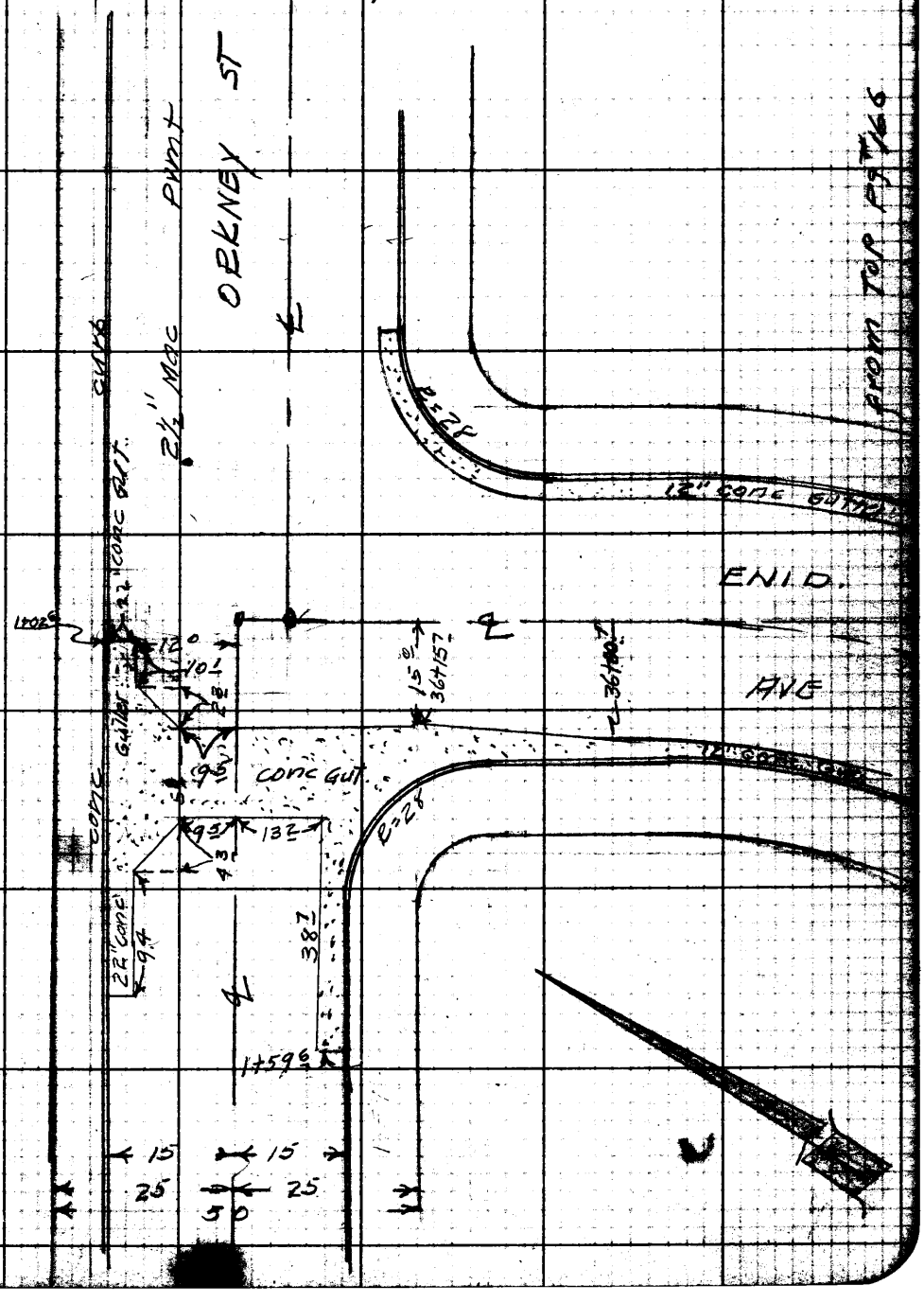
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Pinewell Ave SS	F. B. 2175 Pg. 167
Map No.	JN 205414 Tape Std. °F	
Office Work	Surveyed by: R L Willey	
Checked	Notes Date 9-14-55	
Date	Indexed A. C. Johnson	

To bot Pg #68



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768098 CK #247—7-55

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Profile	Notes Red.	Plotted	Job No. 205414	Division No.	F. B. 2173
No.	Date	Date	Survey of Banewell Ave SS		
X-Sec.	Notes Chkd.	Checked	Survey by RLWilley	Notes DLB	Date 9-6-58
No.	Date	Date	Map No.	Inspector	

C1 2054.14

BANEWELL AVE SS

ENID AVE

~~Profile & X sec~~

FROM - TUDOR ST.

TO : ORKNEY.

9-2-58

R.L. Willey
D.L. Burkholder
J.P. McCall
R.A. Swann

Topog shown on Pg 138 and Pgs. 153 to 168

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	ENID	AVE
Fd. BM HY-15				485 70	BM HY-15, Elev. = 485.702 TUDOR ST. + ENID AVE. N.W. COR, 5' N. of N. End	CR. Bt. Spk & Ld.
1+00				85 3		℄ Int. Enid Ave & Tudor St.
CR				85 12		N.E. Cor. N. end CR Gut.
CR				85 29		" " " " Top Cb.
CR				85 00	N.W. Cor N. end CR Gut	
CR				85 63	" " Top Cb.	
2+00				85 9		℄ Prmt.
				86 08		18° R Top Cb.
				86 04	18° L. Top Cb	
CR.				85 55	Enid & Groverdale. S.W. Cor. Send CR Gut.	
				86 18	" " " " Top Cb.	
3+00				86 4		Semi-Tan. Pavmt.
				86 46		19° R Top Cb.
				85 75	24° L. Gut.	
				86 40	24° L. Top. Cb.	
CR.				85 [illegible]	N.W. COR N. end CR Gut	
CR.				86 50	" " " " Top Cb.	
4+00				86 7		℄ Prmt.
				86 85		18° R. Top Cb.
				86 85	18° L. Top Cb.	
CR				486 52	Enid + Nubia S.W. Cor. Send CR Gut.	

F. S. 2173 Pg. 170 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Barewell Ave. S.S. Date Date No. X-Sec.
Survey by R.L. Willey Notes D.L.B. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	ENID ℄ AVE	
CR.				487 12	Enid & Nubia S.W. Cor. S. end CR. Top Cb.	
5+00				87 2		℄ Prmt
				87 27		18° R. Top cb.
				86 64	28⁵L. Gut.	
				87 16	28⁵L. Top Cb.	
CR				86 88	Enid & Nubia N.W. Cor. N. end CR. Gut	
CR.				87 50	" " " " Top cb	
6+00				87 6		℄ Prmt.
				87 67		18° R Top. Cb.
				87 65	18° L. Top Cb.	
7+00				87 9		℄ Prmt.
				88 06		18° R Top cb.
				88 05	18° L. Top cb.	
CR.				87 52	Enid & Deranah S.W. Cor. S. end CR. Gut.	
CR.				88 14	" " " Top cb.	
8+00				88 4		℄ Prmt.
				88 47		18° R. Top cb.
				87 84	22³L. Gut.	
				88 45	22³L. Top cb.	
CR				87 91	Enid & Deranah. N.W. COR. N. end CR. Gut.	
CR.				488 52	" " " Top cb.	

Profile Notes Red. ____ Plotted ____ Job No. 2054.14 Division No. 10 F. B. 2173 Pg. 171
No. ____ Date ____ Date ____ Survey of BANEWELL AVE SS DIST
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes DRB Date 10-1-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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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.	Enid	Ave.
9+00				488 8		℄ Pvmt.
				88 87		18° R. Top Cb.
				88 86	18° L. Top Cb.	
CR.				88 21	Enid & Gragmont. S.W. COR S. end CR. Gut.	
CR.				88 83	" " " Top cb.	
10+00				88 8		℄ Pvmt.
				88 79		18° R. Top cb.
				88 05	30° L. Gut.	
				88 66	30° L. Top cb.	
				87 89	Enid & Gragmont. N.W. COR. N. end CR. Gut.	
				88 50	" " " " Top cb.	
11+00				88 4		℄ Pvmt.
				88 38		18° R. Top Cb.
				88 40	18° L. Top cb.	
12+00				87 9		℄ Pvmt.
				87 98		18° R. Top. cb.
				88 01	18° L. Top cb.	
CR.				87 30	Enid & Bygrove. S.W. COR. S. end CR Gut.	
CR.				87 91	" " " Top cb.	
12+66.5				87 09		18° R. End Gut.
				487 73		18° R. Top cb.

F. B. 2173 Pg. 172 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No. X-Sec.
Survey by B.L. Willey Notes D.L.B. Notes Chkd. Checked
Indexed Date Date No.

76298 S & E #307—7-55

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

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STATION	B. S.	H. I.	F. S.	ELEV.	ENID	℄ AVE
12+86				487 10		℄ Cross Gut.
13+00				87 5		℄ Pvmt,
				87 11		18° R. Gut.
				87 77		18° R. Top cb.
				87 02	22 7 L. Gut,	
				87 67	22 7 L. Top cb.	
CR				87 22	Enid & Bygrove N.W. COR. N. End CR. Gut.	
CR.				87 85	" " " " Top cb.	
3 + 32 5				87 39	18° L. End Gut,	
				88 00	18° L. Top cb,	
14+00				88 4		Semi-Tan Pvmt,
				88 46		18° R. Top cb.
				88 46	18° L. Top cb.	
CR.				88 42	Enid & Alcross S.W. COR. S end CR. Gut.	
CR.				89 04	" " " Top cb.	
15+00				89 0		℄ Pvmt,
				89 15		18 R. Top cb.
				88 12	36 5 L. Gut.	
				88 80	36 5 L. Top cb.	
				88 72	Enid & Alcross N.W. COR. N. end CR. Gut.	
				489 34	" " " Top cb.	

Profile Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 173
No. ____ Date ____ Date ____ Survey of Barnewell Ave SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Miller Notes D.L.B. Date 9-3-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	ENID	AVE
16+00				489 4		℄ Prmt.
				89 53		18° R. Top cb.
				89 56	18° L. Top cb.	
17+00				89 7		℄ Prmt.
				89 98		18° R. Top cb.
				89 82	18° L. Top Cb.	
				88 91	Enid & Arrow Hwy Service Rd. S.W. Cor. S. end CR. Gut.	
				89 52	" " " Top cb	
				89 54		Enid & Arrow Hwy S.E. Cor. S. end CR. Gut.
				90 17		" " " Top cb.
18+00				89 9		℄ Prmt.
				90 0		18° R Prmt.
				89 6	18° L. Prmt.	
18+11.5				89 9		℄ Prmt. Bot brk
18+18.0				90 3		℄ Prmt Top brk
18+37.5				90.5		℄ Int Arrow Hwy
18+76.4				89 7		℄ Conc Gut, Flowline
18+92.0				90 0		℄ N. Edge Conc. Gut.
19+00				89 9		℄ Prmt.
				90 1		18° R. Prmt.
				489 47	20.5 L. Gut.	

F. B. 2173 Pg. 174 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave. SS Date Date No. X-Sec.
Survey by R.L. Willey Notes D.L.B. Notes Chkd. Checked
Index C. Johnson Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	ENID	AVE
19+00				490 12	20⁵ L. Top Cb.	
FD. BM HV-36				490 ~~27~~ 26	BM. HV-36 Elev. = 490.263 N.W. COR. 5' N. of N. END	ENID AVE. & ARROW HWY. CR. Bt. Spk + Ld.
CR.				89 61	Enid & Arrow Hwy N.W. COR. N. End CR. Gut	
CR.				90 24	" " " " Top cb.	
19+17²				89 76		℄ CROSS GUT.
CR.				89 92		Enid & Arrow Hwy Service Rd. N.E. COR. N. end CR. Gut.
CR.				90 55		" " " " Top cb.
20+00				90 4		℄ Pvmt.
				89 95		18° R. Gut.
				90 57		18° R. Top cb.
				89 90	18° L. Gut.	
				90 55	18° L. Top c.	
21+00				90 6		℄ Pvmt.
				90 14		18° R. Gut.
				90 76		18° R. Top cb.
				90 10	18° L. Gut.	
				90 76	18° L. Top cb.	
22+00				90 8		℄ pvmt.
				90 26		18° R. Gut.
				90 92		18° R. Top cb.
				490 29	18° L. Gut.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2544 Division No. ____ F. B. 2173 Pg. 175
X-Sec. No. ____ Date ____ Date ____ Survey of Bonewell Ave. SS
Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes R.L.B. Date 9-3-58
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Enid	Ave.
22+00				490 98	18° L. Top cb.	
CR				90 32	Enid & Woodcroft, S.W. cor. S. end CR Gut.	
CR.				90 97	" " " Top cb.	
23+00				91 00		℄ Prmt.
				90 40		18° R. Gut.
				91 05		18° R. Top cb.
				90 46	19³ L. Gut.	
				91 09	19³ L. Top cb.	
				90 55	Enid & Woodcroft. N.W. COR. N. end CR. Gut.	
				91 19	" " " " Top cb.	
24+00				91 1		℄ Prmt.
				90 53		18° R. Gut.
				91 20		18° R. Top cb.
				90 58	18° L. Gut.	
				91 26	18° L. Top cb.	
25+00				91 2		℄ Prmt.
				90 67		18° R. Gut.
				91 34		18° R. Top cb.
				90 77	18° L. Gut.	
				91 43	18° L. Top cb.	
26+00				491 4		℄ Prmt.

F. B. 2173 Pg. 176 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No.
Survey by R.L. Willey Notes DLB Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	S. S.	H. I.	F. S.	ELEV.	ENID	℄ AVE
26+00				490 84		18° R. Gut.
				91 49		18° R. Top cb.
				90 95	18° L. Gut	
				91 63	18° L. Top Cb.	
27+00				91 6		℄ Prmt.
				90 99		18° R. Gut.
				91 64		18° R. Top Cb.
				91 14	18° L. Gut.	
				91 78	18° L. Top cb.	
28+00				91 7		℄ Prmt.
				91 14		18° R. Gut.
				91 79		18° R. Top cb.
				91 31	18° L. Gut.	
				91 95	18° L. Top cb.	
29+00				92 0		℄ Prmt.
				91 28		18° R. Gut.
				91 94		18° R. Top cb.
				91 49	18° L. Gut.	
				92 13	18° L. Top cb.	
CR.				91 41		Enid & Newburgh. S.E. COR. S. End CR. Gut.
CR				492 11		" " " " Top cb.

Profile Notes Red. Plotted Job No. 20414 Division No. F. B. 2173 Pg. 177
No. Date Date Survey of Banewell Ave 55
X-Sec. Notes Chkd. Checked Survey by R.L. Willis Notes DLB Date 9-3-58
No. Date Date Map No. Indexed C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Enid	Ave
30+00				492 1		℄ Pvmt.
				91 64	18° L. Gut.	
				92 27	18° L. Top cb.	
CR.				91 71		Enid + Newburgh. N.E. COR. N. end CR. Gut.
CR.				92 35		" " " " Top cb.
31+00				92 3		℄ Pvmt.
				91 77		18° R. Gut.
				91 42		18° R. Top cb.
			?	91 81	18° L. Gut.	
				92 45	18° L. Top cb.	
32+00				92 5		℄ Pvmt.
				91 90		18° R. Gut.
				92 58		18° R. Top cb.
				92 01	18° L. Gut.	
				92 66	18° L. Top cb.	
33+00				92 9		Semi-Tan Pvmt. (crown)
				92 21		16.5 R. Gut.
				92 83		16.5 R. Top cb.
				92 24	19.5 L. Gut.	
				92 90	19.5 L. Top cb.	
CR.				492 23		Enid + Renwick S.E. COR. S. end CR. Gut.

F. B. 2173 Pg. 178 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No.
Survey by R.L. Willey Notes D.L.B. Notes Chkd. Checked X-Sec.
Indexed [illegible] Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	Enid	Ave.
CR.				492 89		Enid & Renwick S.E. COR. S. end CR. Top cb.
34+00				92 56		Semi-Tan Conc. Gut.
				92 56		1^{8} R. Gut.
				93 09		1^{8} R. Top cb.
				92 55	0^{8} L. ℄ cross Gut.	
				93 0	19^{5} L. pvmt. (crown)	
				92 39	36^{0} L. Gut.	
				93 04	36^{0} L. Top cb.	
CR.				92 41		Enid & Renwick. N.E. COR. N. end. CR. Gut.
CR.				93 05		" " " " Top cb.
34+04^{6}				92 51		Semi-Tan Gut.
				93 10		Semi-Tan Top cb.
34+31^{5}				93 08		Semi-Tan Top cb.
				92 42		Semi-Tan Gut.
35+00				93 0		Semi-Tan (Pvmt.)
				92 51		13^{0} R Gut.
				93 14		13^{0} R. Top cb.
				93 1	5^{0} L. Pvmt. (crown)	
				92 59	23^{0} L. Gut.	
				93 32	23^{0} L. Top cb.	
36+00				493 4		℄ Pvmt.

Profile Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 179
No. ____ Date ____ Date ____ Survey of Barnewell Ave SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by E.L. Willey Notes DLB Date 9-3-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	Enid	Ave
36+00				492 72		18° R. Gut
				93 38		18° R Top cb.
				92 73	18° L. Gut.	
				93 41	18° L. Top cb.	
				92 74		Enid & Orkney S.E. COR. S. end CR. Gut
				93 41		" " " . Top cb.
				92 80	Enid & Orkney S.W. COR. S. end CR. Gut.	
				493 49	" " " " Top cb.	
FD. BM. HV-26				493 40	BM. HV-26 Elev. = 493.410 Enid Ave & Orkney St. S.E. COR. 5' S. of S. end CR.	Bt. spk & Ld. in curb.

F. B. 2173 Pg. 180 Job No. 208414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave 55 Date Date No. X-Sec.
Survey by B.L. Willey Notes D.L.B. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

Profile	Notes Red	Plotted	Job No. 205414	Division No.	F. B. 2173	Pg. 181
No.	Date	Date	Survey of Banewell Ave SS			
X-Sec.	Notes Chkd.	Checked	Survey by RLWilley	Notes DLB	Date	
No.	Date	Date	Map No.	Indexed C. Johnson		

C.I 2054,14

BANEWELL AVE SS.
Profile & X-Sec,
GROVERDALE ST

FROM LARK ELLEN

TO ENID AVE

SEE Pg 153 FOR TOPOG,

9-3-58
RL Willey
DL Burkholder
J.P. McCall
RA Swann

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

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

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Do not extend notes this side of this line.

F. B. 2173 Pg. 182 | Job No 2554.4 | Division No. | Profile | Notes Red. | Plotted | No.
Survey of Lancewell Ave. 55 | Date | Date | No.
Surveyed by E. C. Johnson | Notes 2L-13 | Notes Chkd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	GROVERDALE ST
FD BM-HV-2				479 39	BM. HV-2 Elev. = 479.392 Lark Ellen Ave. & Groverdale St. N.W. COR. 5' N. of N. end CR. Bt. spk & Ld. in curb,
1+00				801	℄ int Lark Ellen Ave. & Groverdale St.
1+30°				796 7	℄ Gut. at 4' drain (Flowline)
1+30°				805 4	℄ Top cb. at 4' drain
1+40°				807 5	℄ Top conc. drain (brk)
1+50L				815 0	℄ Top conc. drain (brk)
1+60°				813 2	℄ Top cb. at 4' drain
1+60°				803 8	℄ Gut at 4' drain (Flowline)
1+64L				808 4	℄ Top brk, Edge Gut.
1+99°				809 8	26.5L. End Gut.
				816 1	26.5L. Top cb
				826	145.4L. Back P/L Lot # 120, Tr. # 20022
2+00				816	℄ Pvmt.
				809 4	26.5R. End Gut.
				815 0	26.5R. Top cb.
				829	129.1R. Back P/L Lot # 121, Tr. # 20022
3+00				820	℄ Pvmt.
				819 7	15°R. Top cb.
				824 3	15°L. Top cb.
4+00				824	℄ Pvmt.
				482 33	15°R. Top cb.

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile Notes Red. Plotted Job No. 2254 Division No. F. B. 2123 Pg. 183
No. Date Date Survey of Bagwell Eng. Co.
X-Sec. Notes Chkd. Checked Survey by E.L.Miller Notes D.L.S. Date 9-6-55
No. Date Date Map No. Index C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.	GROVERDALE ST.
4+00				482 89	15° L, Top cb.
5+00				834	
				83 53	15° R, Top cb.
				83 96	15° L. Top cb.
5+70±				86 0	125± R, Back P/L. Lot #12 Tr. #20022
				86 7	125± L, Back P/L. Lot #114, Tr #20022
6+00				84 6	& Prmt.
				84 52	15° R. Top cb,
				84 92	15° L, Top cb.
7+00				85 6	& Prmt.
				85 60	15° R. Top cb.
				86 07	15° L. Top cb.
				85 29	Groverdale & Enid S.W. COR. W. End CR. Gut.
				85 93	" " " Top cb.
				85 68	Groverdale & Enid N.W. COR. W. End. CR. Gut.
				86 20	" " " Top cb.
7+72±				86 3	Int. Groverdale (℄) & Enid (P.I)
FD BM HV-14				486 56	BM HV-14 Elev. 486.562, Groverdale St. & Enid Ave, N.W. COR. 5' N. of N. End CR. Bt. spk & Ld in cb.

F. B. 2173 Pg. 184 Job No. 2054-A Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of BANEWELL AVE. SS Date 9-3-58 Date _____ No. _____

Survey by R.L. Willey Notes D.L. Burkholder Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

79298 S & E #307—7-55

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Profile	Notes Red.	Plotted	Job No. 205414	Division No.	F. B. 2173	Pg. 185
No.	Date	Date	Survey of Banewell Ave SS			
X-Sec.	Notes Chkd.	Checked	Survey by B.L. Willey	Notes D.L.B.	Date 9-3-58	
No.	Date	Date	Map No.	Indexed C. Johnson	Date	

C.I. 205414

BANEWELL AVE SS
Profile & X-Sec.
NUBIA ST.

FROM ÷ LARKELLEN.

TO ÷ ENID AVE

SEE Pg #154 FOR TOPOG.

9-6-58 -

B.L. Willey
D.L. Burkholder
J.P. McCall
R.A. Swann

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	NUBIA	ST.
BM HV-3					BM HV-3 Elev=480.006 LARK ELLEN AVE & NUBIA ST.	
					N.W. COR. 5' N. of N. End CR. Bt. Spk+Ld in cb.	
1+00				481 0		Int. Lark Ellen Ave & Nubia St.
1+30				80 16		℄ Gut. Flowline 4' drain
1+30				80 97		℄ Top cb. at 4' drain
1+40				81 41		℄ Top drain (brk.)
1+50^{2}				82 09		℄ Top drain (brk)
1+60				82 00		℄ Top cb. at 4' Dr.
1+60				81 00		℄ Gut Flowline 4' Dr.
1+64^{7}				81 55		℄ Edge Conc. Gut.
1+96^{6}				81 65		26^{6} R. End Gut
				82 29		26^{6} R. Top cb.
				81 64	26^{6} L End Gut.	
				82 28	26^{6} L Top cb.	
2+00				82 2		℄ Prmt.
				84 0		125$^{\pm}$ R. Back P/L. Lot #101, Tr. 20022
				84 0	125$^{\pm}$ L. Back P/L, Lot #100, Tr. 20022	
3+00				83 2		℄ Prmt.
				83 43		15^{0} R Top cb.
				83 39	15^{0} L. Top cb.	
4+00				84 2		℄ Prmt
				484 39		15^{0} R Top cb.

F. B. 2123 Pg. 186 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No.
Survey by BLWilley Notes PLS Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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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.	NUBIA	ST.
4+00				484.42	15° L. Top cb.	
5+00				85 1		℄ Prmt.
				85 28		15° R. Top cb.
				87 1		125± Back P/L Lot # 105, Tr. 20022
				85 27	15° L. Top cb.	
				87 3	125± L. Back P/L. Lot # 96, Tr. 20022	
6+00				86 0		℄ Prmt.
				86 11		15° R. Top cb.
				86 03	15° L. Top cb.	
7+00				86 7		℄ Prmt.
				87 09		15° R. Top cb.
				87 00	15° L. Top cb.	
				86 47		Nubia & Enid. S.W. COR. S. end CR Gut.
				87 10		" " " " Top cb.
				86 54	N.W. COR. N. end CR. Gut.	
				87 15	" " " " Top cb.	
7+72 ?				87 3		℄ Int Nubia & Enid (Prmt)
FD BM HV-13				487 57	BM HV-13 Elev.=487.566 NUBIA ST + ENID AVE. NW. COR. 5' N. of N. End CR. Bt. Spk. + Ld in cb.	

Profile Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 187
No. ____ Date ____ Date ____ Survey of Renewell Ave. SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes D&R Date 9-3-58
No. ____ Date ____ Date ____ Map No. ____ Index ____ Date ____

F. B. 2173 Pg. 188 Job No. 2054.14 Division No. 10 Notes Red. Plotted Profile

Survey of BANEWELL SS. Date 9-3-58 Date No.

Survey by R.L. Willey Notes D.L. Burkholder Notes Chkd. Checked X-Sec.

Index C. Johnson Date Date Date No.

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

76298 S & E #307—7-55

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Do not extend notes this side of this line.

Profile No. | Notes Red. | Date | Plotted | Date | Job No 205414 Division No. | Survey of Banewell Ave SS | F. B. 2173 Pg. 189

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey by R.L.Willey | Notes D.L.B. Date 9-3-58 | Map No. | Indexed C. Johnson Date

C.I. 205414

BANEWELL AVE SS
Profile & X-Sec.
DEVANA H.

FROM ± LARK ELLEN AVE
TO ± ENID AVE

9-6-58

R.L. Willey
D.L. Burkholder
J.P. McCall
E.A. Swaim

TOPOG SHOWN ON PG. 155

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

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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F. B. 2173 Pg. 190 Job No. 7x 2214 Division No. 4 Notes Red. Plotted
Survey of Bank Well Ave S.S. Date No.
Survey by C. Hawley & Associates Notes Chkd. Date X-Sec.
Indexed C. Hawley Notes D&B Checked Date Profile No.

STATION	B. S.	H. I.	F. S.	ELEV.	DEVANAH ST
					BM HV-4 Elev.= 480.511 Lark Ellen Ave & Devanah St.
BM HV-4				480 51	N. W. COR. 5' N. of N. End. C.R. Bt spk+Ld in cb.
1+00				81 5	Int. Lark Ellen Ave & Devanah St.
1+30				80 64	℄ Gut, Flowline 4' Drain
1+30				81 48	℄ Top cb at 4' Drain.
1+40				81 88	℄ Top drain (brk)
1+50				82 61	℄ Top drain (brk)
1+60				82 46	℄ Top cb at 4' drain
1+60				81 51	℄ Gut, Flowline 4' drain
1+64.7				82 00	℄ Edge Conc. Gut.
1+98.6				82 11	26.5 R. End Gut.
				82 76	26.5 R. Top cb.
1+99.4				82 10	26.5 L. End Gut.
				82 79	26.5 L. Top cb.
2+00				82 6	℄ Prmt.
				83 9	125± R. Back P/L Lot #81, Tr. 20022
				84 5	125± L. Back P/L Lot #80, Tr 20022
3+00				83 8	℄ Prmt.
				83 97	15° R Top cb.
				83 97	15° L. Top cb.
4+00				85 0	℄ Prmt.
				485 25	15° R Top cb.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DEVANAH	ST
4+00				485 30	15° L. Top cb.	
5+00				86 0		℄ Prmt.
				86 25		15° R. Top cb.
				86 31	15° L. Top cb.	
5+50±				89 0		125± R. Back P/L. Lot # 86, Tr. 20022
				89 0	125± L. Back P/L Lot # 75, Tr 20022	
6+00				87 2		℄ Prmt.
				87 28		15° R. Top cb.
				87 31	15° L. Top cb.	
7+00				88 0		℄ Prmt.
				88 25		15° R. Top cb.
				88 28	15° L. Top cb.	
				87 67		Devanah + Enid S.W. COR W. end CR. Gut.
				88 28		" " " Top cb.
				87 67	N.W. COR. W. end CR. Gut.	
				88 30	" " " Top cb.	
7+73±				88 3		℄ int Enid. Prmt.
FD. BM HV-12				488 50	BM HV-12 Elev. 488.517, Enid Ave + Devanah St. N.W. COR. 5' N. of N. end CR. Bt. Spk + Ld in cb.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. S. 2173 Pg. 191
Date ____ Date ____ Survey of Bonewell Ave. SS
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes Bk B Date 9-3-53
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. 273 Pg. 192 Job No. 2054.14 Division No. 10 Notes Red. Plotted Profile

Survey of BANEWELL AVE. SS. Date 9-6-58 Date No.

Survey by R.L. Willey Notes D.L. Burkholder Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date Date No.

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

76298 S & E #307—7-55

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Profile	Notes Red.	Plotted	Job No. 205414	Division No.	F. B. 2173	Pg. 193
No.	Date	Date	Survey of Banewell Ave SS			
X-Sec.	Notes Chkd.	Checked	Survey by R.L. Willey	Notes DLB	Date 9-6-58	
No.	Date	Date	Map No.	Indexed C. Johnson		

C.I. 2054.14

BANEWELL AVE SS
Profile & X-Sec.
GRAGMONT ST

FROM:- LARKELLEN AVE

TO— ENID AVE

9-6-58
R.L. Willey
D.L. Burkholder
J.P. McCall
R.A. Swann

ELEV.	TOPOG SHOWN ON PG. 156
F. B.	
H. I.	
B. S.	
STATION	

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76298 S & E #307—7-55

76298 S & E #307—7-55

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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.	GRAGMONT ℄. ST
FD. BM HV-5				481 03	BM HV-5 Elev.=481.034 LARK ELLEN AVE + GRAGMONT ST. N.W. COR. 5' N. of N. End CR. Bt spk + Ld. in cb.
1+00				81 9	Prmt. ℄ Int. Lark Ellen & Gragmont
1+30				81 12	℄ Gut. Flowline 4' drain
1+30				81 95	℄ Top cb. at 4' drain.
1+40				82 37	℄ Top drain (brk)
1+50				83 08	℄ Top drain (brk)
1+60				82 94	℄ Top cb at 4' drain
1+60				82 05	℄ Gut. Flowline 4' drain
1+64 7				82 48	℄ Edge Gut.
1+99 3				82 61	26.5 R. End Gut.
				83 26	26.5 R. Top cb.
				82 59	26.5 L. End Gut.
				83 23	26.5 L. Top cb.
2+00				83 3	℄ prmt.
				84 6	125± R. Back p/L. Lot # 61, Tr. 20022
				85 1	125± L. Back p/L Lot # 60, Tr 20022
3+00				84 1	℄ Prmt.
				84 26	15° R Top cb.
				84 28	15° L. Top cb.
4+00				85 0	℄ Prmt.
				485 28	15° R. Top cb.

F. B. 2173 Pg. 194
Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No.
Survey by B.L. Willey Notes DLB Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GRAGMONT	ST
4+00				485 26	15° L. Top cb.	
5+00				86 1		℄ Parmt.
				86 25		15° R. Top cb.
				88 9		125± R. Back P/L. Lot # 66, Tr 20022
				86 28	15° L. Top cb.	
				88 6	125± L. Back P/L Lot # 54, Tr. 20022	
6+00				87 1		℄ Prmt.
				87 23		15° R. Top cb.
				87 25	15° L. Top cb.	
7+00				88 0		℄.
				88 32		15° R. Top cb.
				88 25	15° L. Top cb.	
CR.				87 87		Gragmont & Enid. S.W. COR. W. end. CR. Gu[illegible]
CR.				88 47		" " " Top cb.
CR.				87 85	N.W. COR. W. end CR. Gut.	
CR.				88 46	" " " Top cb.	
7+73.6				88 8		℄ Int Enid.
FD BM HV-11				488 50	BM HV-11, Elev. = 488.488 N.W. COR. 5' N. of N. End CR.	ENID AVE & GRAGMONT ST Bt. Spk & Ld. in cb.

Profile Notes Red. Plotted Job No. 2454 Division No. F.B. 2173 PG. 195
No. Date Date Survey of Barnewell Ave SS
X-Sec. Notes Chkd. Checked Survey by B.L. Willey Notes D.L.B. Date 9-8-58
No. Date Date Map No. Indexed C. Johnson Date

F. B. 2173 Pg. 196 Job No. 2054.M Division No. 10 Notes Red Plotted Profile

Survey of BANEWELL S.S. Date 9-6-58 Date No.

Survey by R.L. Willey Notes D.L. Burkholder Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1.56

Profile	Notes Red	Plotted	Job No. 205414	Division No.	F. B. 2173 Pg. 197
No.	Date	Date	Survey of Banewell Ave SS		
X-Sec.	Notes Chkd.	Checked	Survey by RLW	Notes DJB	Date 9-6-58
No.	Date	Date	Map No.	Indexed	Date

C.I. 205414

BANEWELL AVE SS

BYGROVE ST

CROSS SECTIONS -

FROM: LARK ELLEN AVE

TO ENID AVE

FOR. TOPOG. SHOWN Pg 157

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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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.

F. B. 2173 Pg. 198 Job No 20544 Division No 55
Survey of Bonnie Ave & Lark Ellen
Surveyed by E. Kuller Notes E. Johnson
Indexed
Profile No. Plotted Date
X-Sec. No. Checked Date
Notes Red. Date
Notes Chkd. Date

STATION	B. S.	H. I.	F. S.	ELEV.	BYGROVE ST.
FD. BM HV-6				481 56	BM HV-6 Elev. = 481.560 LARK ELLEN AVE & Bygrove St. N.W. COR. 5' N. of N. End CR. Bt. Spk & Ld. in cb.
1+00				82 4	Prmt. ℄ Lark Ellen Ave & Bygrove St.
1+30				81 60	℄ Gut. Flowline 10⁵ drain
1+30				82 41	℄ Top cb at 10⁵ drain
1+40				82 65	℄ Top drain (brK)
1+50				83 54	℄ Top drain (brK)
1+60				83 34	℄ Top cb. at 10⁵ drain
1+60				82 43	℄ Gut. Flowline 10⁵ drain
1+64				82 95	℄ Edge Gut.
1+99				83 11	26⁵ R. End Gut.
				83 76	26⁵ R. Top cb.
				83 09	26⁵ L. End Gut.
				83 71	26⁵ L. Top cb.
2+00				83 7	℄ Prmt.
				85 6	125° R. Back P/L, Lot# 42 Tr 20022
				85 0	125° L. Back P/L, Lot# 40, Tr 20022
3+00				84 0	℄ Prmt
				84 21	15° R. Top cb.
				84 22	15° L. Top cb.
4+00				84 6	℄ Prmt
	1			484 75	15° R. Top cb.

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BYGROVE ℄ ST.	
4+00				484 84	15° L. Top cb.	
5+00				85 4		℄ Prmt.
				85 56		15° R. Top cb.
				85 54	15° L. Top cb.	
5+50±				88 6		125± R. Back P/L. Lot # 47, Tr. 20022
				88 1	125± L. Back P/L. Lot # 35, Tr. 20022	
6+00				86 1		℄ Prmt.
				86 36		15° R. Top cb.
				86 28	15° L. Top cb.	
7+00				87 0		℄ Prmt.
				87 28		15° R. Top cb.
				87 24	15° L. Top cb.	
CR.				86 76		BYGROVE + ENID. S.W. COR. W. End CR. Gut.
CR.				87 43		" " " Top cb.
CR.				86 73	N.W. COR. W. End CR. Gut.	
CR.				87 39	" " " Top cb.	
7+74°				87 5		℄ Int Enid Ave.
FB. B.M. HV-10				487 91	BM HV-10, Elev. = 487.904 ENID AVE + BYGROVE ST. N.W. COR. 5' N. of. N. End CR. Bt. Spk + Ld. in cb.	

Profile Notes Red. ____ Plotted ____ Job No. 20541 Division No. ____ F. B. 2173 Pg. 199
No. ____ Date ____ Date ____ Survey of Bane Well Ave SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by P.L. Willey Notes D.L.E. Date 9-3-18
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. Pg. 200

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.

76298 S & E #307—7-55

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.

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

Notes Ck'd by	Survey of BANEWELL AVE SS
Map No.	IN 2054.14 Tape Std. °F
Office Work	Surveyed by R.L. Willey
Checked	Notes D.L. Burkholder Date 8-30-58
Date	Indexed C. Johnson

F. B. Pg. 201

CI 2054.14

BANEWELL AVE S.S.

TOPOGRAPHY

ALCROSS ST.

FROM LARKELLEN AVE

TO ENID AVE

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

Do not extend notes this side of this line.

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

76P309 CE #247—3-57

RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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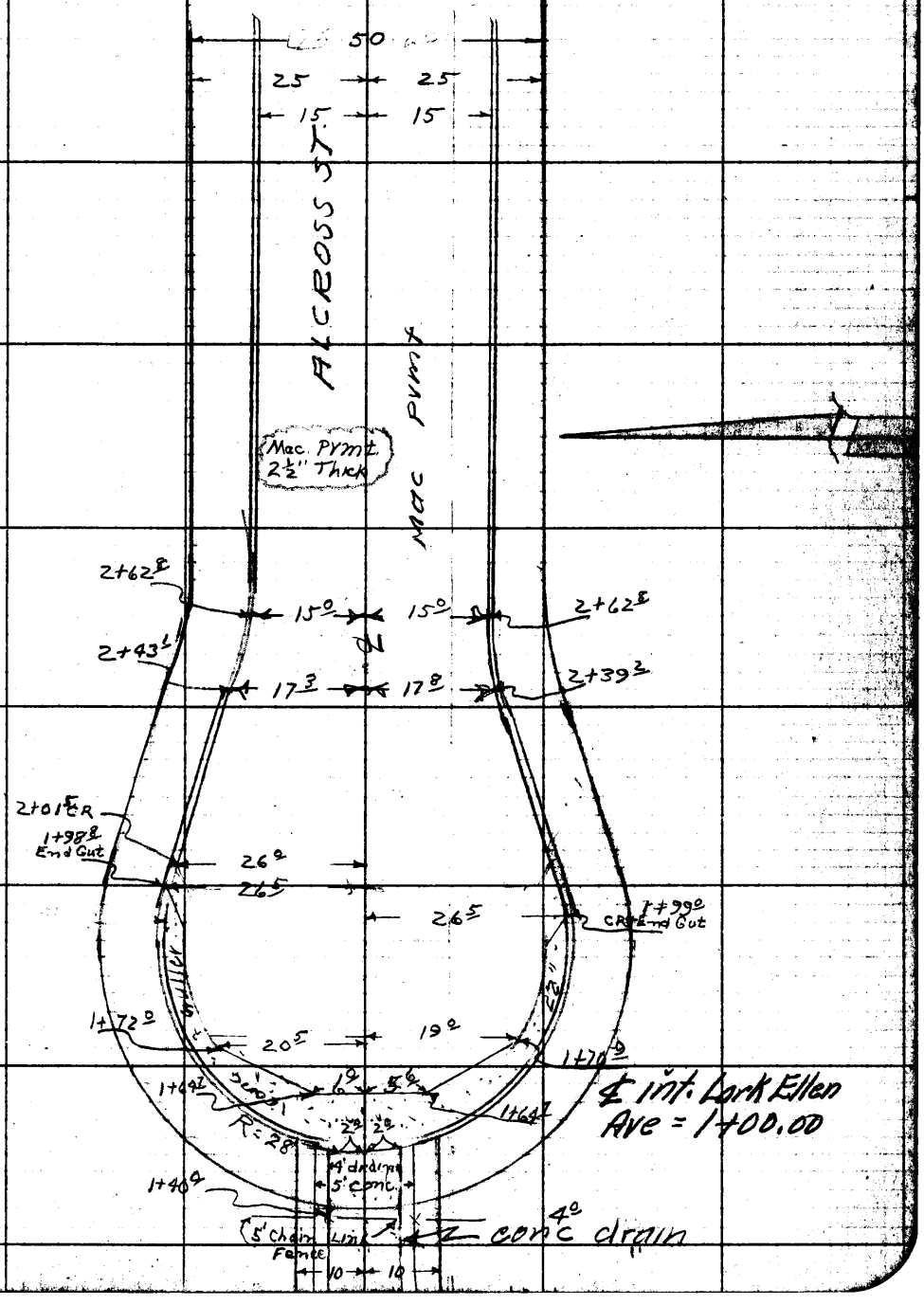
F.B. Pg. 202

Notes Ck'd by	Survey of Bane Well Avess
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 8-30-58
Date	Indexed C. Johnson

F. B. 2173 Pg. 203

from 1 Pg 158



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

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RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

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F.B. 2173 Pg. 204

Profile No. | Notes Red. | Plotted | Job No. 2054.14 Division No. 10 | F. B. 2173 Pg. 205
Date | Date | Survey of BANEWELL AVE SS.
X-Sec. No. | Notes Chkd. | Checked | Survey by R.L. Willey Notes 1963 Date 9-30-58
Date | Date | Map No. | Index C. Johnson

C.I. 2054.14

BANEWELL AVE SS.

CROSS SECTIONS

ALCROSS ST.

FROM

LARK ELLEN AVE

TO

ENID AVE.

-X- SECTIONS

R.L. Willey
D.L. Burkholder

J.P. McCall
R.A. Swann

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

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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.

STATION	B. S.	H. I.	F. S.	ELEV.	ALCROSS ℄ ST
FD BM. HV-7				482 35	BM HV-7 Elev. = 482.352 LARK ELLEN AVE & ALCROSS ST. N.W. COR. 5' N. of N. End. CR. Bt. Spk + Ld. in Cb.
1+00				83 1	Prmt. ℄ Int. Lark Ellen + Alcross.
1+30				82 23	℄ Gut. Flowline 4' drain
1+30				83 09	℄ Top cb. at 4' drain
1+40				83 28	℄ Top drain (brk)
1+50				84 21	℄ Top drain (brk)
1+60				84 08	℄ Top cb. at 4' drain
1+60				83 09	℄ Gut. Flowline 4' drain
1+64				83 60	℄ Edge Gut.
1+99°				83 48	26.5 R. End Gut.
				84 16	26.5 R. Top cb.
				83 55	26.5 L. End Gut.
				84 25	26.5 L. Top cb.
2+00				84 3	℄ Prmt.
				85 9	125± R. Back P/L. Lot #21, Tr 20022
				86 2	125± L. Back P/L. Lot #20, Tr 20022
3+00				84 7	℄ Prmt.
				84 94	15° R Top cb.
				85 01	15° L. Top cb.
4+00				85 34	℄ Prmt.
				485 0	15° R. Top cb.

F. B. 2173 Pg. 206 Job No. 2054.14 Division No. 10 Notes Red. Plotted Date 9-30-58 Date No. Profile
Survey of BANEWELL AVE. SS Date No. X-Sec.
Survey by R. L. Willey Notes D. L. Burkholder Notes Chkd. Checked Date No.
Indexed C. Johnson Date Date

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	S. S.	H. I.	F. S.	ELEV.	ALCROSS ℄ ST.	
4+00				485 60	15° L. Top Cb.	
5+00				86 0		℄ Prmt.
				86 23		15° R. Top Cb.
				86 26	15° L. Top Cb.	
6+00				86 6		℄ Prmt
				86 91		15° R. Top Cb.
				86 85	15° L. Top Cb.	
6+40±				89 3		125± R. Back P/L Lot #28, Tr 20022
				88 7	125± L. Back P/L. Lot #12, Tr. 20022	
7+00				87 5		℄ Prmt.
				87 95		15° R. Top Cb.
				87 70	15° L. Top Cb.	
CR.				88 12		Enid + Alcross S.W. COR. W. end CR. Gut.
CR.				88 79		" " " " Top Cb.
CR.				87 96	N.W. COR. W. end CR. Gut.	
CR.				88 61	" " " Top Cb.	
7+90.5				89 1		℄ Int. Enid
FD. BM HV-9				489 38	BM HV-9 Elev.=489.38 ENID AVE. + ALCROSS ST. N.W. COR. S'N. of N. End of CR.	Bt. Spk + Ld in Cb.

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 2054M Division No. ____ F. B. 2173 Pg. 207

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Bonewell Ave SS

Survey by R.L. Willey Notes DLB Date ____

Map No. ____ Date ____ Indexed ____ Date ____

F. B. 2173 Pg. 208 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.

Do not extend notes this side of this line.

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700 Los Angeles County Engineering Bldg.

76298 S & E #307—7-55

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 2054.14 | Division No. | F. B. 2173 Pg. 209

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Banewell Ave SS | Survey by EL Willey | Notes DLB | Date 9-14-58 | Map No. | Indexed C. Johnson | Date

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
700 Los Angeles County Engineering Bldg.

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STATION	B. S.	H. I.	F. S.	ELEV.	
					CI 2054.14 BANEWELL AVE SS CROSS SECTIONS
					ARROW HWY SERVICE RD FROM ÷ LARKELLEN AVE TO ÷ ENID AVE. FOR TOPOG SEE PG. 161 #
					9-58 EL Willey DL Burkholder J.P. McCall PA Swain

76298 S & E #307—7-55

76298 S & E #307—7-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	ARROW HWY	℄ SERVICE RD.
FD. BM. HV-8				483 118	BM HV-8, Elev. = 483.118 LARK ELLEN AVE. + ARROW HWY. Most S.Wly COR. 5' S. of S. End CR. Bt. SPK + Ld in cb.	
1+00				84 1	(Edge Prmt)	℄ Int Lark Ellen + Service Rd.
1+30				83 51		℄ Gut
				83 48		9° R. Gut. Flowline 4' drain
1+30				84 28		℄ Top cb.
				84 27		9° R. Top cb. at 4' drain
1+52°				84 54		9° R. Top cb at 4' drain
				83 51		9° R. Gut. Flowline 4' drain
1+53³				84 55		℄ Top cb.
1+53³				83 84		℄ Gut.
1+57¹				84 09		℄ Edge Gut.
1+84⁵				84 41	L. End Gut.	
				84 95	L. Top cb.	
2+00				84 8		℄ Prmt.
				84 24		30⁵ R. Gut.
				84 88		30⁵ R. Top cb.
				85 15	19° L. Top cb.	
3+00				85 6		℄ Prmt
				85 22		9° R. Gut.
				85 87		9° R. Top cb.
				486 35	19° L. Top cb.	

F. B. 2113 PG. 210
Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	ARROW HWY	℄ SERVICE RD.
3+50±				487 6		125± R. Back P/L. Lot #4, Tr. 20022
4+00				86 3		Semi-Tan Prmt.
				85 93		9° R. Gut.
				86 57		9° R. Top cb.
				87 05	19° L. Top cb.	
5+00				86 9		℄ prmt.
				86 65		9° R. Gut.
				87 26		9° R. Top cb.
				87 72	19° L. Top cb.	
6+00				87 6		℄ prmt.
				87 22		9° R. Gut.
				87 83		9° R. Top cb.
				88 39	19° L. Top cb.	
6+50±				88 8		125± R. Back P/L. Lot #9, Tr 20022
7+00				88 2		℄ prmt.
				87 80		9° R. Gut.
				88 43		9° R. Top cb.
				89 05	19° L. Top cb.	
CR.				88 30		Enid & Arrow HWY Service Rd. S.W. COR. W end CR. Gut.
CR.				88 96		" " " " Top cb.
7+75±				489 01	19° L. End Gut.	

Profile Notes Red. ____ Plotted ____ Job No. 2054.14 Division No. 10 F. B. 2173 Pg. 211
No. ____ Date ____ Date ____ Survey of BANEWELL AVE SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by R. L. Willey Notes [illegible] Date 9-30-58
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson Date

76298 S & E #307—7-55

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

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F. B. 2173 Pg. 212 Job No. 2054.4 Division No. 10 Notes Red. Plotted
Survey of BANEWELL AVE. SS. Date 9-30-54 Date No.
Survey by R.L. Willey Notes D.L. Burkholder Checked X-Sec.
Indexed C. Johnson Date Date Date No.
Profile

STATION	B. S.	H. I.	F. S.	ELEV.	ARROW HWY	SERVICE RD.
7+75 Z				489 52	19° L. Top cb.	
8+00				89 5		℄ prmt.
				89 5		9° R prmt.
				89 7	19° L. prmt.	
8+12 5				89 8		℄ Int Enid
FD BM HV-9				489 39	BM HV-9 Elev.=489.398 ENID AVE. & N. W. COR. 5' N. of N. End CR.	ALCROSS ST. Bt. Spk & Ld. in curb.

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 20544 | Division No. | F. B. 2173 | Pg. 213

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Banewell Ave SS | Survey by B.L.Willey | Notes D.L.S. | Date 9-30-58 | Map No. | Indexed C. Johnson | Date 10-28-58

C.I. 205-414

BANEWELL AVE SS.

CROSS SECTIONS

ARROW HWY

FROM: LARE ELLEN

TO: ENID AVE

FOR TOPOG. SEE PG # 162

9-30-58

B.L.Willey

D.L. Burkholder

J.P. McCall

B.A. Swanson

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

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

Do not extend notes this side of this line.

PLEASE RETURN TO

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700 Los Angeles County Engineering Bldg.

76298 S & E #307—7-55

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	ARROW	℄ HWY
FD.					BM HV-21 Elev. =484.46 ARROW HWY & LARK ELLEN AVE	
BM HV-21				484 15	N.E. COR. 5' N of N End CR. Bt. Spk & Ld in Cb.	
1+00				84 9		℄ Int. Lark Ellen Ave.
				84 4		39° R. PVmt.
				84 1	40° L. PVmt.	
CR.				84 42		Arrow Hwy & Lark Ellen S.E. Cor. E. end. CR. Gut.
CR.				85 02		" " Top cb.
CR.				84 28	N.E. COR. E. end CR. Gut.	
CR.				85 00	" " " Top cb.	
1+77²				84 63	35° L. Edge Gut.	
				84 10	40° L. Top steel Grate at drain	(bot. catch basin 6⁶ below grate)
				85 08	40° L. Top cb. at drain	
2+00				85 6		℄ PVmt.
				84 69		39° R. Gut.
				85 26		39° R. Top cb.
				84 56	40° L. Gut.	
				85 31	40° L. Top cb.	
2+13°				84 86	35° L. Edge Gut.	
				84 32	40° L. Top steel Grate at drain	(bot. catch basin 3⁸ below grate)
				85 34	40° L. Top cb. at drain	
3+00				86 4		℄ PVmt.
				485 55		39° R. Gut.

F. B. 2173 Pg. 214 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Bonewell Ave SS Date Date No.
Survey by R.L. Willey Notes DLB Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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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.	ARROW	℄ HWY
3+00				486 08		39° R. Top cb.
				85 44	40° L. Gut,	
				86 14	40° L. Top cb.	
4+00				87 2		Semi Tan. Prmt,
				86 29		39.5 R. Gut.
				86 91		39.5 R. Top cb.
				86 21	39.5 L. Gut.	
				86 86	39.5 L. Top cb.	
5+ 00				88 0		℄. Prmt.
				87 06		39° R. Gut,
				87 70		39° R. Top cb.
				86 98	40° L. Gut.	
				87 61	40° L. Top cb.	
6+00				88 8		℄ Prmt.
				87 89		39° R. Gut.
				88 50		39° R. Top cb.
				87 80	40° L Gut,	
				88 42	40° L. Top cb.	
7+00				89 5		℄ Prmt.
				88 73		39.5 R. Gut.
				489 35		39.5 R. Top cb.

Profile Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 215
No. ____ Date ____ Date ____ Survey of Banewell Ave 55
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L.Willey Notes R&B Date 10-14-58
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 2173 Pg. 216 Job No 2254 Division No. Profile
Survey of Baldwin Ave SS No. X-Sec.
Survey by R. Kuller Notes BLB Plotted
Indexed C. Johnson Notes Chkd. Checked
Date Date Date
Notes Red. No.
Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	ARROW	℄ HWY
7+00				488 63	40° L. Gut.	
				89 25	40° L. Top cb.	
CR.				89 02		END AVE & ARROW HWY N.W. COR. W. End CR. Gut.
CR.				89 71		" " " " Top cb.
7+24				89 7		℄ pvmt.
				88 91		39° R. Gut.
				89 50		39° R. Top cb.
7+80				89 35		42½ R. Gut.
				89 97		42½ R. Top cb.
8+00				90 4		℄ pvmt.
				89 7		40° R. pvmt.
				89 64	36½ R. Edge Gut.	
				89 57	39½ R. ℄ Cross Gut.	
8+13				90 5		℄ Int Enid.
8+47				90 04	41½ L. Gut.	
				90 46	41½ L. Top cb.	
9+06				90 04	38½ L. Gut.	
				90 72	38½ L. Top cb.	
CR.				89 95		ENID AVE. & ARROW HWY. S. E. COR. E. end CR. Gut.
CR.				90 59		" " " Top cb.
FD BM HV-36				490 25	BM HV-36 ELEV = 490.263, ENID AVE & ARROW HWY N.W. COR. 5' N. of N. End CR. Bt. Spk. & Ld. in cb.	

Notes Ck'd by	Survey of Barnewell Ave SS
Map No.	IN 205414 Tape Std °F
Office Work	Surveyed by R.L.Willey
Checked	Notes " Date 9-30-58
Date	Indexed A.O. Johnson 10-27-58

F. B. 2173 Pg. 211

C I 205414

BARNEWELL AVE SS

TOPOGRAPHY

VOGUE AVE

FROM ± ARROW HWY

TO ± WOODCROFT ST

9-30-58

R.L. Willey

D.L. Burkholder

J.P. McCall

R.A. Swann

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

Do not extend notes this side of this line.

RETURN TO
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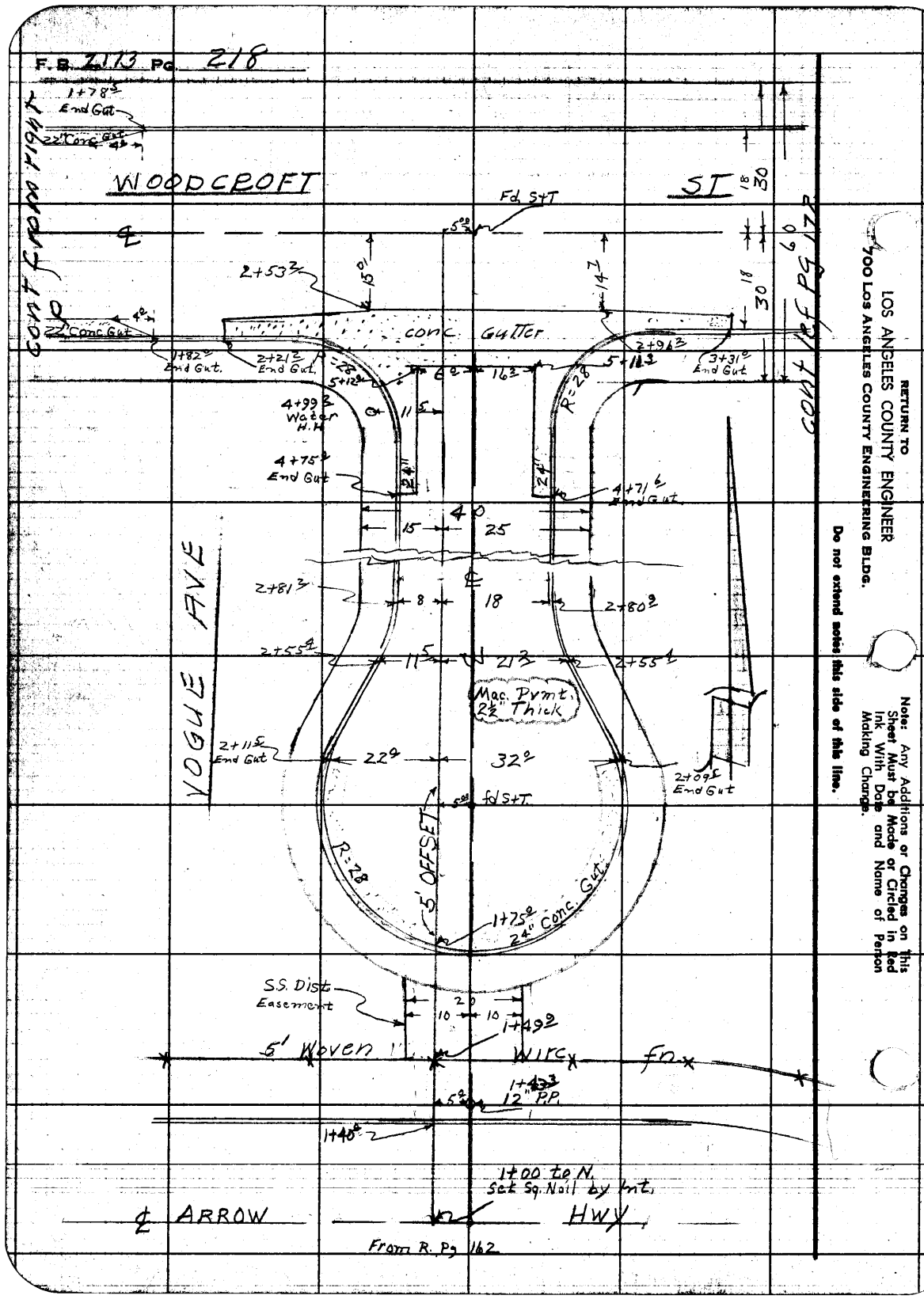
76FS093 CE #247—3-57



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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Banewell Ave SS
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by E L Willey
Checked	Notes ELW Date 9-30-58
Date	Indexed C. Johnson 10-27-58

F. B. 2173 Pg. 219

C.I. 205414
BANEWELL AVE SS
HYACINTH AVE
FROM: ARROW HWY
TO WOODCROFT ST

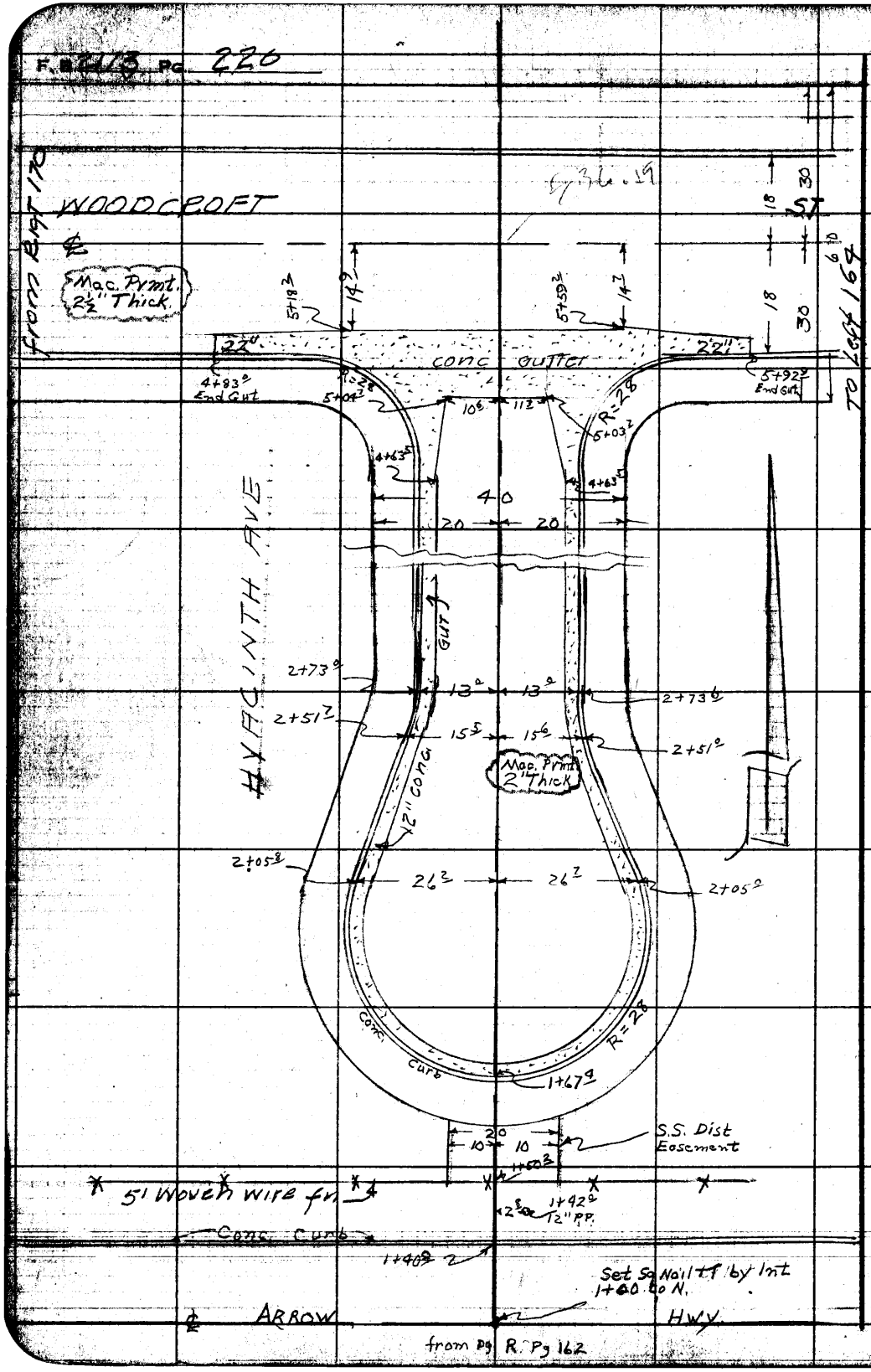
9-30-58
E L Willey
D L. Burkholder
J P McCall
R A Swann

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

Do not extend notes this side of this line.

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

7673065 CE #247—3



RETURN TO
LOS ANGELES COUNTY ENGINEER
1700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Profile No. | Notes Red. | Plotted | Job No 205414 Division No. | F. B. 2173 Pg 221
Date | Date | Survey of Banewell Ave SS
X-Sec. No. | Notes Chkd. | Checked | Survey by P.L.Willey Notes D.S.B. Date 10-14-58
Date | Date | Map No. | Index E. O. Johnson

C.I. 2054.14

BANEWELL AVE SS.

CROSS SECTIONS

WOODCROFT ST

FROM:- LARK ELLEN AVE

TO :- ENID AVE

FOR TOPOG. SEE
PGS 118 Thru. 220 and 164

10-14-58
P L Willey
D L Burkholder
T.P. McCall
E A Station

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

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

Do not extend notes this side of this line.

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

76298 S & E #307—7-55

76298 S & E #307—7-55

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.

STATION	B. S.	H. I.	F. S.	ELEV.	WOODCROFT	ST
FD.					BM HV-22 Elev. = 484.09' LARK ELLEN AVE + WOODCROFT ST	
BMHV-22				484 10	N.E. COR. 5' N. of N. End CR.	Bt spk + Ld. in Cb.
1+00				83 8		℄ Int Enid + Woodcroft
1+30				83 42		℄ Cross Gut.
CR				83 45		S.E. COR. E. end CR. Gut.
CR.				84 10		" " " Top cb.
CR.				83 40	N.E. COR. E. end CR. Gut.	
CR.				84 06	" " " Top cb.	
2+00				84 0		℄ Pvmt.
				84 16		18° R. Top cb.
				84 21	18° L. Top cb.	
CR				83 77		Woodcroft + Vogue S.W. COR. W. end CR Gut.
CR				84 35		" " " Top cb.
3+00				84 7		℄ Pvmt.
				84 44		24° R. Gut
				85 04		24° R. Top cb.
				84 95	18° L Top cb.	
CR.				84 36		Woodcroft + Vogue S.E. COR. E. end of CR. Gut.
CR.				85 02		" " " " Top cb.
4+00				86 0		℄ Pvmt.
				86 10		18° R. Top cb.
				486 14	18° L. Top cb.	

F. B. 2173 Pg. 222
Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No. X-Sec.
Survey by R.L. Willey Notes DLB Notes Chkd. Checked
Indexed L. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	WOODCROFT ℄ ST	
						Woodcroft + Hyacinth,
CR,				486 64		S.W. COR. W. end CR. Gut,
CR,				87 24		" " " Top cb.
5+00				87 3		℄ Pvmt,
				86 79		18^{5} R. Gut.
				87 32		18^{5} R. Top cb,
				87 53	18^{0} L. Top cb.	
						Woodcroft + Hyacinth
CR				87 73		S.E. COR. E. end CR. Gut.
CR.				88 35		" " " Top cb.
6+ 00				88 5		℄ Pvmt.
				88 66		18^{0} R. Top cb,
				88 63	18^{0} L. Top cb.	
7+00				88 7		℄ Pvmt,
				89 84		18^{0} R. Top cb.
				89 88	18^{0} L. Top cb.	
						Woodcroft + Enid
CR				90 04		S.W. COR. W. end CR. End Gut
CR,				90 70		" " " " Top cb.
CR. 7+61 ^{3}				90 05	N.W. COR. W. end CR. End Gut,	
CR.				90 70		
8+00				90 7		℄ Pvmt,
				90 8		18^{0} R. Pvmt,
				490 9	18^{0} L. Pvmt	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 223
Date ____ Date ____ Survey of Baneyvell Ave SS
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by RLWillc Notes DSB Date 10-14-58
Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

F. B. 2173 Pg. 224 Job No. 205414 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Bancwell Ave SS Date _____ Date _____ No. _____

Survey by B.L. Willey Notes D.L.B. Notes Chkd. _____ Checked _____ X-Sec.

Indexed K. C. Johnson Date _____ Date _____ Date _____ No. _____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	WOODCROFT ℄	ST.
8+08 2 FD BMHV-37				490 9	BMHV-37 Elev = 490.980 (Print) ℄ Enid Ave.	
				490 95	S.W. COR. 5' S. of S. end CR. Bt Spk + Ld. in Cb.	

F. B. 2173 Pg. 225

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 205414 | Division No. | Survey of Banewell Ave SS | Survey by R.L. Willey | Notes D.S.B. | Date 10-14-58

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Map No. | Index C. Johnson

C.I. 205414

BANEWELL AVE SS

CROSS SECTIONS

VOGUE AVE

FROM ARROW HWY

TO WOODCROFT.

FOR TOPOG SEE PG # 218

10-14-58
R.L. Willey
D.L. Burkholder
J.P. McCall
R.A. Swann

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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F. B. 2173 Pg. 226 | Job No. 20544 Division No. | Profile | Notes Red. | Plotted | No.
Survey of Borrowell Ave S.S. | Date | Date | No.
Survey by R.E. Whitley Notes B.L.B. | Notes Chkd. | Checked | X-Sec.
Indexed | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	VOGUE	AVE
FD BM HV-40				486 41	BM HV-40 Elev.=486.435 WOODCROFT ST	VOGUE AVE. 360± So. of Int.
						VOGUE AVE. 10± E VOGUE. BC spandrel wall
1+00				86 3		5' R. & Int. Arrow Hwy (prmt)
1+40				85 30		5' R. & Gut.
1+40				85 97		5' R. & Top cb.
1+46.5				86 2		5' R. & Bot. brk.
1+50.0				86 8		5' R. & Top brk (5' chain Link Fence)
1+62.0				87 1		5' R. & Top brk
1+74.5				86 49		5' R. & Top cb.
1+74.5				86 00		5' R. & Gut.
1+76.5				86 20		5' R & Edge Gut.
2+00				86 3		5' R & prmt.
				85 77		32.8' R. Gut.
				86 39		32.8' R. Top cb.
				85 77	22.7' L Gut	
				86 30	22.7' L. Top cb.	
2+23±				89 1		130± R. Back P/L Lot # 7, Tr. 19381
				86 9	135± L. Back P/L Lot # 5, Tr. 19381	
3+00				85 6		5.0' R. & parmt.
				85 83		18.0' R. Top cb
				85 80	8.0' L Top cb.	
4+00				485 3		5.0' R & prmt

OFFSET LINE 5'

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	YOGUE	AVE
4+00				485 47		18° R Top cb.
				85 35	8° L. Top cb.	
CR.				84 58		vogue & woodcroft. S.E. COR. S. end CR. Gut.
CR.				85 08		" " " " Top cb.
CR.				84 40	S.W. COR. S. end CR. Gut.	
CR.				84 91	" " " " Top cb.	
5+00				84 6		5° R Pvmt.
				84 46		22° R. Gut
				85 06		22° R. Top cb.
				84 35	10² L. Gut.	
				84 80	10² L. Top cb.	
5+10±				88 2		130° ± R. Back P/L. Lot # 13, Tr. 19381
				85 6	135± L. Back P/L. Lot # 1, Tr. 19381	
5+15°				84 21		5° R. ℄ cross Gut.
5+32.7				84 5		5° R. ℄ Int Woodcroft.
FD BM Hr-22				484 13	BM Hr 22 Elev = 484.097 LARK ELLEN AVE & WOODCROFT ST N.E. COR. 5' N. of N. end CR. Bt. Spk & Ld. in Cb.	

5' OFFSET LINE

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F.B. 2173 Pg. 227
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Barnewell Ave. SS
Date ____ Survey by P.L. Willey Notes DSB Date 10-14-58
Map No. ____ Indexed C. Johnson

F. B. 2173 Pg. 228 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed A. A. Johnson Date Date Date No.

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

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76298 S & E #307—7.55

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 2054.14 | Division No. | F.B. 2173 | Pg. 229

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Banewell Ave SS | Survey by R.L. Willey | Notes D.S.B. | Date 10-14-58 | Map No. | Indexed C. Johnson | Date

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STATION	B.S.	H.I.	F.S.	ELEV.	
					C.I. 2054.14 BANEWELL AVE S.S. CROSS SECTION S. HYACINTH AVE
					FROM ARROW HWY TO WOODCROFT ST FOR TOPOG, SEE PG # 220 10-14-58 R.L. Willey D.L. Burkholder J.P. McCall B.A. Swann

76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	HYACINTH	℄ AVE
FD. BMHV-39				488 43	BM HV-39 Elev.=488.425 HYACINTH AVE 360± S. of ℄ INT WOODCROFT ST. & HYACINTH AVE & 10± E of ℄ Bt spk & Ld in Cb.	
1+00				88 4		℄ Int. Arrow Hwy
1+40				87 36		℄ Gut.
1+40				88 02		℄ Top cb.
1+48				88 1		℄ Bot brk
1+50				88 9		℄ Top brk.
1+67				88 35		℄ Top cb.
1+67				87 91		℄ Gut.
2+00				88 3		℄ Pvmt.
				88 12		27⁵ R. Gut.
				88 65		27⁵ R. Top cb.
				87 66	27⁵ L. Gut.	
				88 15	27⁵ L. Top cb.	
2+20±				91 9		130± R. Back P/L. Lot# 19, Tr. 19381
				90 3	130± L. Back P/L Lot# 17, Tr. 19381	
3+00				88 2		℄ Pvmt.
				88 01		13° R. Gut.
				88 51		13° R. Top cb.
				87 49	13° L. Gut.	
				87 99	13° L. Top cb.	
4+00				488 0		℄ Pvmt.

F. B. 2173 Pg. 230 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No.
Survey by P.L. Willey Notes DLB Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	HYACINTH ℄	AVE
4+00				487 85		13° R. Gut.
				87 34		13° R. Top cb.
				87 40	13° L. Gut.	
				87 90	13° L. Top cb.	
4+50±				92 3		130± R. Back P/L Lot# 24 Tr. 19381
				88 7	130± L. Back P/L Lot# 13, Tr. 19381	
CR.				87 72		Woodcroft & Hyacinth S.E. COR S. End CR. Gut.
CR.				88 21		" " " " Top cb
CR.				87 18	S.W. COR. S. End CR. Gut.	
CR.				87 65	" " " Top cb.	
5+00				87 6		℄ Prmt.
				87 77		23° R. Gut.
				88 27		23° R. Top cb.
				87 04	20° L. Gut.	
				87 56	20° L. Top cb.	
5+07²				87 46		℄ Cross Gut.
5+25¹				87 8		(Prmt) ℄ Int. Woodcroft St.
FD. BMHV-38				488 22	BMHV-38 Elev. = 488.200 S.E. COR. 5' S. of S. end CR.	WOODCROFT ST. & HYACINTH AVE. Bt. spk & Ld. In cb.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 231
Date ____ Date ____ Survey of Bancroft Ave. SS
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes ____ Date 10-14-57
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2173 Pg. 232 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed K. C. Johnson Date Date Date No.

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

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76298 S & E #307—7-55

Notes Ck'd by	Survey of Banewell Ave SS
Map No.	JN 2054.14 Tape Std °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 10-2-54
Date	Indexed ~~J. C. Johnson~~ 10-27-58

F. B. 2173 Pg. 233

C. I. 2054.14

BANEWELL AVE SS

TOPOGRAPHY

BANEWELL AVE

FROM ÷ ARROW HWY

TO ÷ NEWBURGH ST

10-1-58

R.L. Willey

D.L. Burkholder

J.P. McCall

R.A. Swann

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76F309S CE #247—3-57

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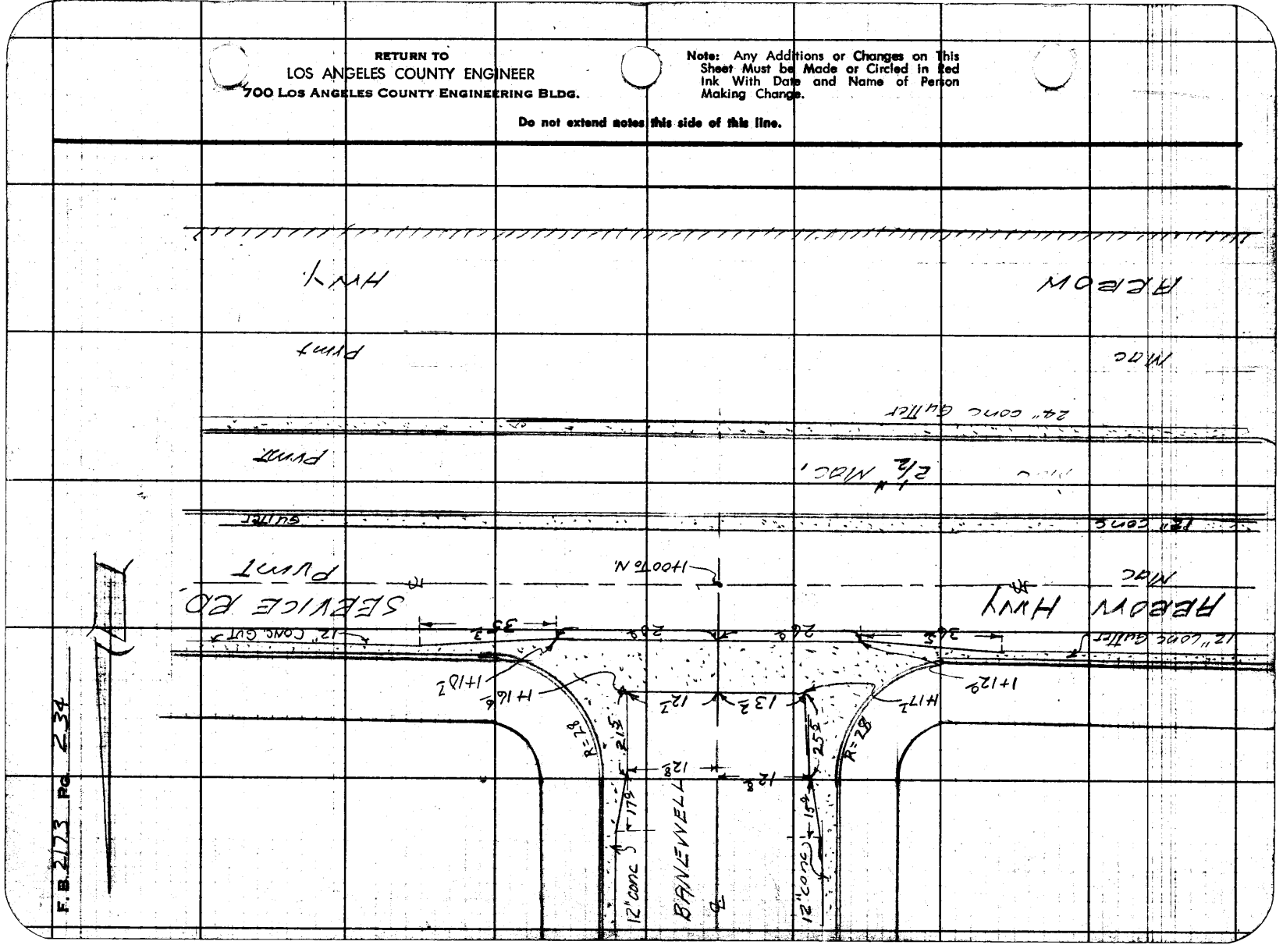
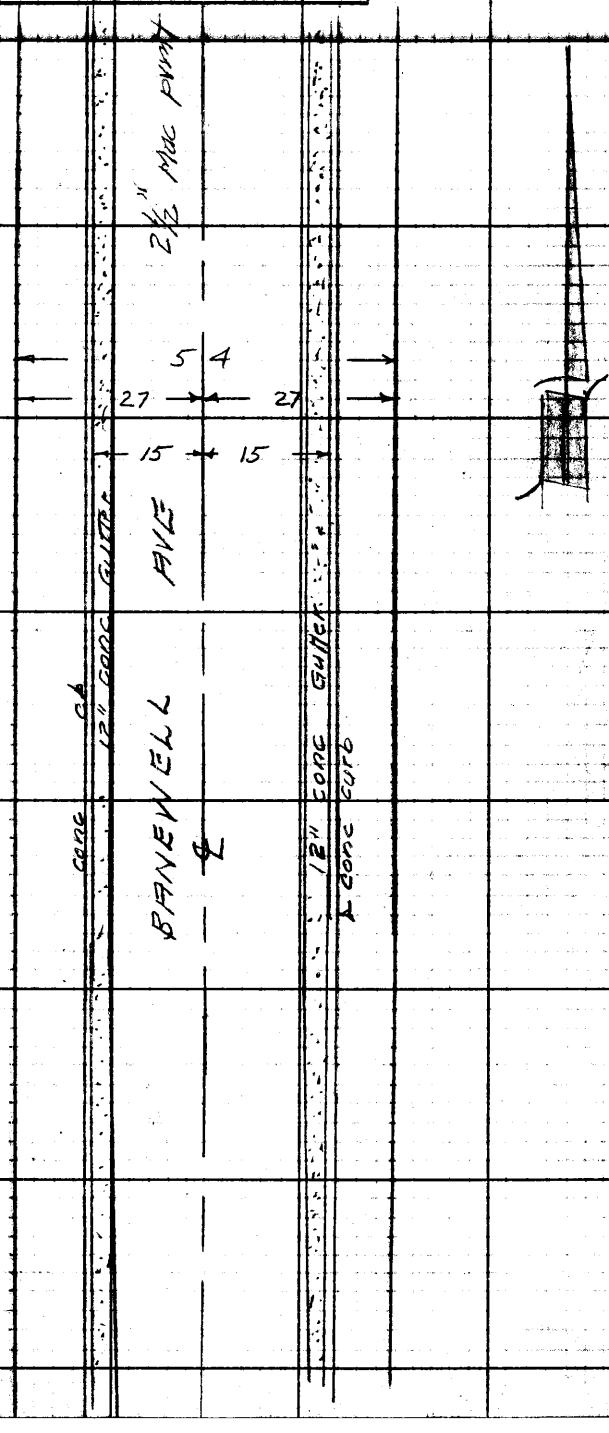


F.B. 2173 Pg. 234

Notes Ck'd by	Survey of Banewell Ave SS
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by R L Willey
Checked	Notes [redacted] Date 10-2-58
Date	Indexed

F. B. 2173 Pg. 235



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76F3098 CE #247—3-57

F. B. 2123 Pg. 236

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Profile No. _____ X-Sec. No. _____

Notes Red _____ Date _____ Notes Chkd _____ Date _____

Plotted _____ Date _____ Checked _____ Date _____

Job No. _____ Survey of _____ Survey by _____ Map No. _____

Division No. _____ Notes _____ Date _____ Indexed _____ Date _____

F. B. 2[illegible] Pg. 27

C. Johnson

C.I. 2054.14

BANEWELL AVE. S.S.

CROSS SECTION

BANEWELL AVE

FROM ARROW HWY

TO NEWBURGH ST

10-15-58

R.L. Willey
D.L. Burkholder
J.P. McCall
R.A. Swann

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

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761-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	BANEWELL & AVE
FD BM HY-35				491 67	BM HY-35, Elev. = 491.671, BANEWELL AVE. + ARROW HWY SERVICE RD. N.E. COR. 5' N of N. end CR. Bt. Spk + Ld. in cb.
1+00				91 3	℄ Int Arrow Hwy Service Rd.
1+11				90 96	℄ Edge Conc. Gut.
1+14				90 96	℄ Flow line conc. Gut.
				91 05	15° R. Flowline conc. Gut.
				90 89	15° L. Flowline conc. Gut.
1+17				90 99	℄ Edge conc. Gut.
				91 02	Banwell Ave + Service Rd. N.E COR. E. end CR. Gut.
				91 68	" " " Top cb.
				91 02	N.E COR. N. end CR. Gut.
				91 67	" " " " Top cb.
				90 56	N.W. COR. W. end CR. Gut.
				91 27	" " " Top cb.
				91 02	N.W. COR. N. end CR. Gut.
				91 66	" " " " Top cb.
2+00				91 5	℄ prmt.
				91 15	15° R. Gut.
				91 79	15° R. Top cb.
				97 1	127± R. Back P/L. Lot #66, Tr. 19381
				91 13	15° L. Gut.
				491 80	15° L. Top cb.

F. B. 2173 Pg. 238 Job No. 205414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No. X-Sec.
Survey by R.L. Willey Notes D & B Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	BANEWELL	℄ AVE
2+00				493 1	127± L. Back P/L Lot #63, Tr 19381	
3+00				91 7		℄ Prmt.
				91 35		15° R. Gut.
				91 95		15° R. Top Cb.
				91 36	15° L. Gut.	
				91 95	15° L Top cb.	
4+00				92 0		℄ Prmt.
				91 50		15° R. Gut.
				92 15		15° R. Top cb.
				91 64	15° L. Gut.	
				92 29	15° L. Top cb.	
5+00				92 2		℄ Prmt.
				91 79		15° R. Gut.
				92 42		15° R. Top Cb.
				97 2		127± R. Back P/L. Lot #69, Tr. 19381
				91 75	15° L. Gut	
				92 43	15° L. Top Cb.	
				94 5	127± L. Back P/L. Lot #59, T. 19381	
6+00				92 4		℄ Prmt.
				91 93		15° R. Gut.
				492 55		15° R. Top cb.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 239
X-Sec. No. ____ Date ____ Date ____ Survey of Banewell Ave. 55
Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes D.L.B. Date 10-16-58
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BANEWELL	℄ AVE
6+00				491 95	15° L. Gut.	
				92 62	15° L. Top cb.	
7+00				92 6		℄ Pvmt.
				92 11		15° R. Gut.
				92 77		15° R Top cb.
				92 11	15° L. Gut.	
				92 77	15° L. Top cb.	
8+00				92 8		℄ Pvmt.
				92 36		15° R. Gut.
				93 00		15° R. Top cb.
				92 30	15° L. Gut.	
				92 97	15° L. Top cb.	
8+60±				97 8		127± R. Back P/L. Lot# 76, Tr. 19381
				94 6	127± L. Back P/L. Lot# 53, Tr. 19381	
9+00				92 9		℄ Pvmt.
				92 50		15° R. Gut.
				93 15		15° R. Top cb.
				92 49	15° L. Gut.	
				93 15	15° L. Top cb.	
10+00				93 2		℄ Pvmt.
				492 68		15° R. Gut.

F. B. 2173 Pg. 240
Job No. 205414 Division No. Notes Red Plotted Profile
Survey of Banewell Ave SS Date Date No.
Survey by BLW/Bell Notes BLW Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	BANEWELL	℄ AVE
10+00				493 31		15° R. Top cb.
				92 67	15° L. Gut.	
				93 30	15° L. Top cb.	
11+00				93 3		℄ PVmt.
				92 85		15° R. Gut.
				93 48		15° R. Top cb.
				92 87	15° L. Gut.	
				93 51	15° L. Top cb.	
11+ 60t				97 1		127t R. Back P/L Lot #81, Tr 19381
				94 4	127t L. Back P/L, Lot #48, Tr. 19381 Banewell Ave + Newburgh St.	
				92 98		S.E. COR. S. end CR. Gut.
				93 65		" " " " Top cb.
				93 10		S.E. COR. E end CR. Gut.
				93 77		" " " " Top cb.
				93 00	S.W. COR. S. end CR. Gut.	
				93 64	" " " " Top cb.	
				92 67	S.W. COR. W. end CR. Gut.	
				93 34	" " " " Top cb.	
12+00				93 5		℄ PVmt.
				93 6		15° R. PVmt.
				493 4	15° L. PVmt.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2054/16 Division No. ____ F. B. 2173 Pg. 241
Date ____ Date ____ Survey of Banewell Ave SS
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes R.L.W. Date 10-16-58
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. 2173 PG. 242 Job No. 205414 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Banewell Ave SS Date _____ Date _____ No. _____

Survey by C. Johnson Notes DLR Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
12+10 8 FD BM HV-33				493 5	BANEWELL ℄ AVE
				492 40	BM HV-33 Elev. = 492.396, END AVE. + NEWBURGH ST. S.E. COR. 5' E. of E. end CR. Bt Spk + Ld. in Cb. ℄ Int. Newburgh St.

Notes Ck'd by	Survey of Banewell Ave SS
Map No.	IN 2054.14 Tape Std °F
Office Work	Surveyed by R.L. Willey
Checked	Notes " Date 9-15-58
Date	Indexed K.C. Johnson 10-27-58

F. B. 2173 Pg. 243

C.I. 2054.14

BANEWELL AVE SS

TOPOGRAPHY

LEAF AVE

FROM ARROW HWY

TO NEWBURGH ST.

10-1-58

R.L. Willey

D.L. Burkholder

J.P. McCall

E.A. Swann

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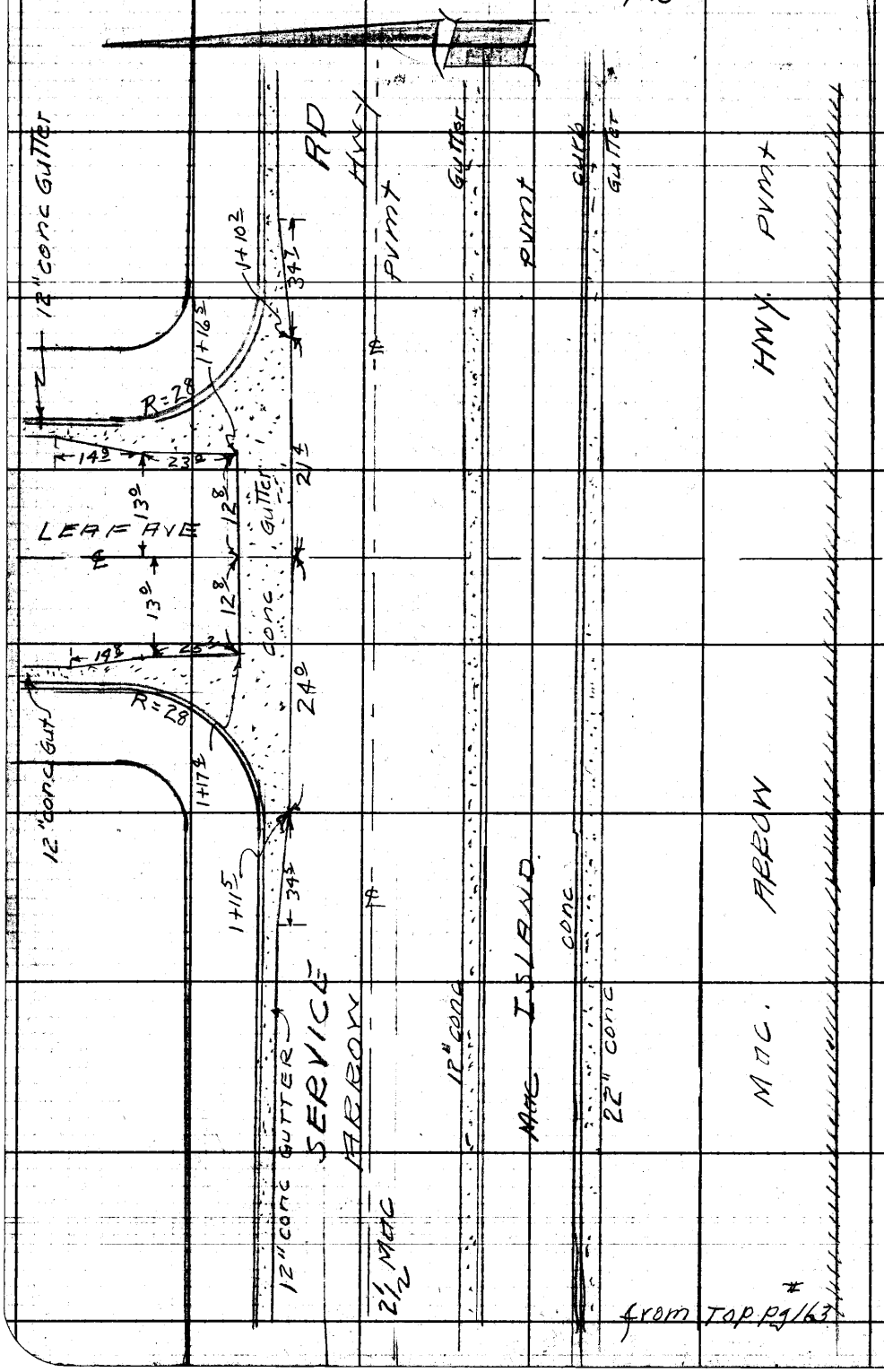
76F3095 CE #247—3-57

F.B. 2173 Pg. 244

To bot p #6
FB #



from Top pg 163 #

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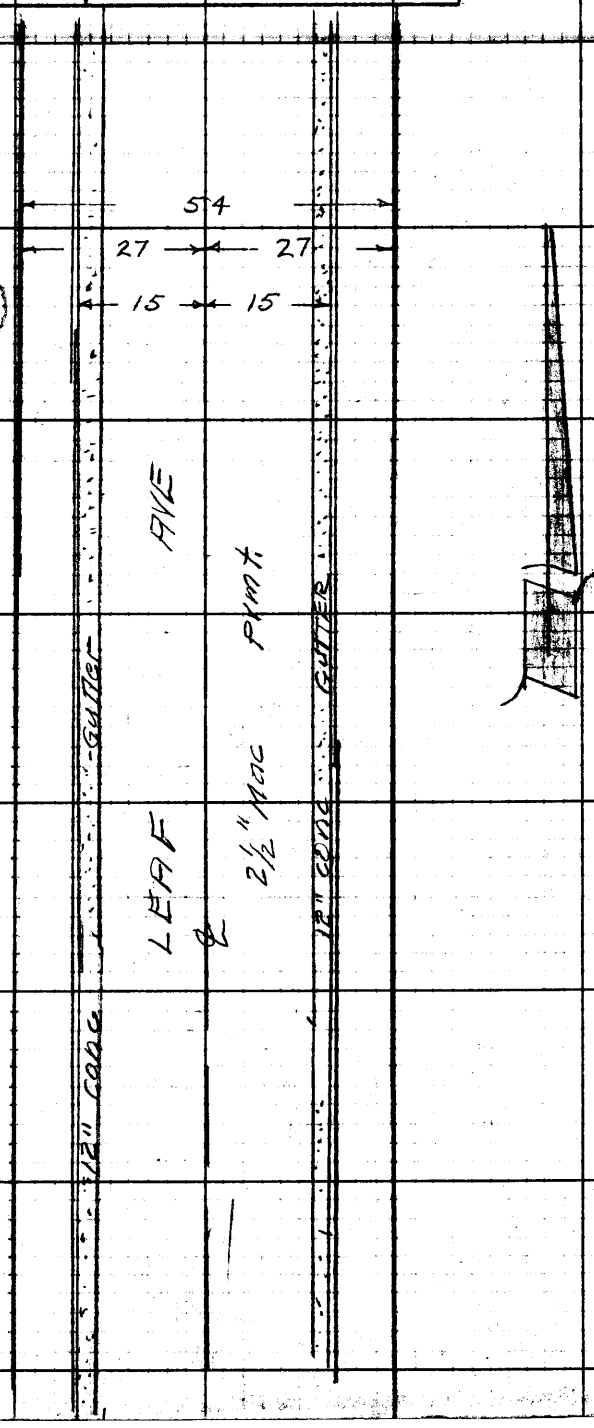
Notes Ck'd by	Survey of Banewell Ave SS
Map No.	JN 205414 Tape Std °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 10-3-58
Date	Indexed L. O. Johnson

F. B 2173 PG. 245



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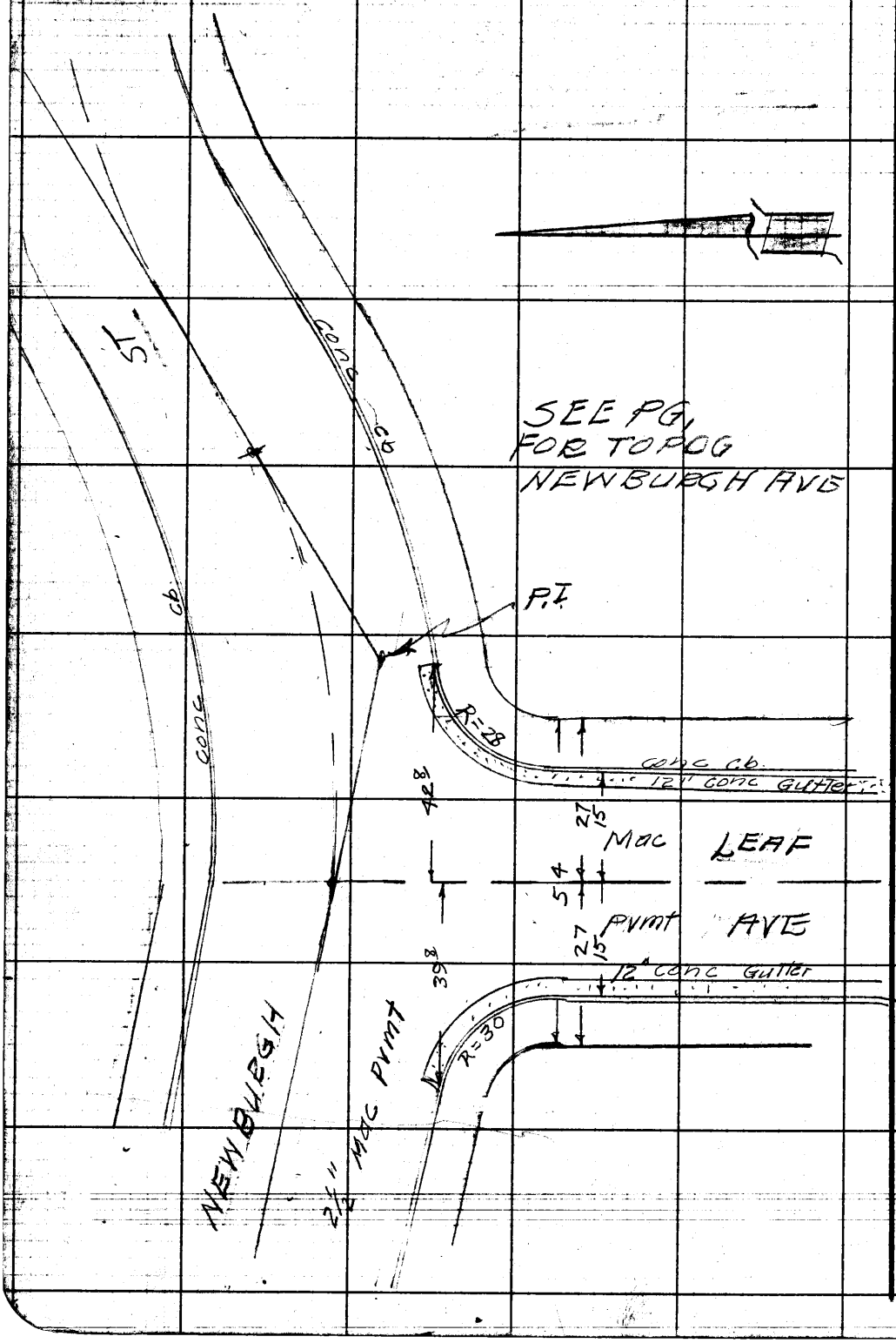
76F3095 CE #247—3-57

F.B. 2173 Pg. 246



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F. B. 2173 Pg. 247

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 2051.14 Division No. ____

X-Sec. No. ____ Notes Chkd ____ Date ____ Checked ____ Date ____ Survey of Banewell Ave. SS Survey by R.L.Willey Notes R.L.W Date 10-15-58 Map No. ____ Indexed C. Johnson

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

C.I. 2051.14

BANEWELL AVE. S.S.

CROSS SECTIONS

LEAF AVE

FROM: ARROW HWY SERVICE RD.
TO NEWBURGH ST

10-15-58
R.L.Willey
D.L.Burkholder
J.P.McCall
R.A.Swarthout

761-293 S & E #307—1-56

76L-298 S & E #307—1-56

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F. B. 2173 Pg. 248 Job No 205940 Division No. Notes Red Plotted Profile
Survey of Bagwell Ave St Date Date No
Survey by E.A. Miller & L.C. Tolman Notes Chkd Checked X-Sec.
Indexed Date Date No

STATION	B. S.	H. I.	F. S.	ELEV.	LEAF	℄ AVE
FD. BM HY-41				495 94	BM HY-41, Elev.=495.940 LEAF AVE & ARROW HWY SERVICE RD. N.E. COR. 5' N. of N. end CR. 2½ Spk. & Ld in Cb.	
1+00				95 3		℄ Int. Arrow Hwy Service Rd.
1+10 ℄				95 05		℄ Edge conc. Gut.
1+13 ℄				95 02		℄ Flowline conc. Gut.
				95 24		15° R. Flowline conc. Gut.
				94 74	15° L. Flowline conc. Gut.	
1+16 ℄				95 06		℄ Edge conc. Gut.
				95 54	LEAF AVE & Service Rd.	N.E. COR. E. end CR. Gut
				96 19		" " " " Top cb.
				95 25		N.E. COR. N. end CR. Gut,
				95 95		" " " " Top Cb,
				94 15	N.W. COR. W. end CR. Gut,	
				94 82	" " " " Top Cb,	
				94 53	N.W. COR. N. end CR. Gut,	
				95 21	" " " " Top Cb,	
1+90 ±				98 3		127 ± R. Back P/L Lot 99, Tr 19381
				96 9	127 ± L. Back P/L Lot 98, Tr 19381	
2+00				95 4		℄ Prmt,
				95 6		9° R. Prmt, Crown
				95 39		15° R. Gut,
				496 03		15° R. Top cb,

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LEAF	℄ AVE
2+00				494 61	15° L. Gut.	
				95 27	15° L. Top cb.	
3+00				95 5		℄ Pvmt.
				95 7		9° R. pvmt. crown
				95 54		15° R. Gut.
				96 17		15° R. Top cb.
				94 81	15° L. Gut.	
				95 44	15° L. Top cb.	
4+ 00				95 7		℄ Pvmt.
				95 9		9° R. pvmt. Crown
				95 70		15° R. Gut.
				96 31		15° R. Top cb.
				94 92	15° L. Gut.	
				95 56	15° L. Top cb.	
5+00				95 9		℄ Pvmt.
				96 1		9° R. Pvmt. Crown
				95 64		15° R. Gut.
				96 50		15° R. Top cb.
				95 11	15° L. Gut.	
				95 75	15° L. Top cb.	
6+ 00				496 0		℄ Pvmt.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 249
X-Sec. No. ____ Date ____ Date ____ Survey of Banewell Ave SS
Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes DLB Date 10-15-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LEAF	℄ AVE
6+00				496 2		9° R. Pvmt crown
				95 97		15° R. Gut.
				96 62		15° R. Top Cb.
				95 25	15° L. Gut.	
				95 88	15° L. Top Cb.	
6+10±				99 8		127± R. Back P/L. Lot #106, Tr 19381
				97 8	127± L. Back P/L. Lot #92, Tr 19381	
7+00				96 1		℄ Pvmt.
				96 3		9° R. Pvmt Crown
				96 12		15° R. Gut.
				96 75		15° R. Top Cb.
				95 40	15° L. Gut.	
				96 07	15° L. Top Cb.	
8+00				96 3		℄ Pvmt.
				96 4		9° R. Pvmt crown
				96 24		15° R. Gut.
				96 88		15° R. Top Cb.
				95 56	15° L. Gut.	
				96 20	15° L. Top Cb.	
9+00				96 5		℄ Pvmt.
				496 6		9° R. Pvmt. Crown

F. B. 2173 Pg. 250
Job No. 205414 Division No.
Survey of Banewell Ave SS
Survey by P.L. Willey Notes D.L.B.
Indexed C. Jobson Date
Notes Red Plotted Profile
Date Date No.
Notes Chkd. Checked X-Sec.
Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEAF	℄ AVE
9+00				496 40		15° R. Gut.
				97 04		15° R. Top cb.
				95 70	15° L. Gut.	
				96 32	15° L Top cb.	
9+20±				99 6		127± R. Back P/L. Lot # 112 Tr. 19381
				98 0	127± L. Back P/L. Lot # 86, Tr. 19381	
10+00				96 6		℄ Pvmt.
				96 8		9° R. Pvmt. Crown
				96 58		15° R. Gut.
				97 24		15° R. Top cb.
				95 84	15° L. Gut.	
				96 47	15° L. Top cb.	
11+00				96 8		℄ Pvmt.
				96 9		9° R. Pvmt. Crown
				96 71		15° R. Gut.
				97 36		15° R. Top cb.
				95 96	15° L. Gut.	
				96 61	15° L. Top cb.	
					Leaf Ave	& Newburgh St.
				96 82		S.E. COR. S. end CR. Gut.
				97 45		" " " " Top cb.
				497 02		S.E COR. E end CR. Gut.

Profile Notes Red ____ Plotted ____ Job No. 205414 Division No. ____ F. B. 2173 Pg. 251
No. ____ Date ____ Date ____ Survey of Banewell Ave SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by E.L. Willey Notes E.L.W. Date 10-15-58
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LEAF ℄ AVE	
					Leaf Ave & Newburgh St.	
				497 69		S.E. COR. E. end CR. Top Cb.
				95 89	S.W. COR. S. end CR. Gut.	
				96 49	" " " " Top Cb.	
				95 44	S.W. COR. W. end CR. Gut.	
				496 07	" " " " Top Cb.	
11+60±				500 3		127± R. Back P/L. Lot # 115, Tr. 19381
				497 4	127± L. Back P/L Lot # 82, Tr. 19381	
11+87.5				96 7		℄ Int. Newburgh St.
FD. BM HV-51				501 55	BM HV-51, Elev. 501.547. HOMEREST AVE & NEWBURGH ST. N.E. COR. 5' N. of N. end CR. Bt. Spk & Ld in Cb.	

F. S. 2173 Pg. 252 Job No. 20414 Division No. Profile
Survey of Banewell Ave 55 Plotted Date No. X-Sec.
Survey by R. L. Wilcox Notes R. L. W. Notes Chkd. Checked Date No.
Indexed C. O. Johnson Date

Notes Ck'd by	Survey of Banewell Ave SS	F. B. 2173 Pg. 253
Map No.	JN 2054.14 Tape Std. °F	
Office Work	Surveyed by Willey	
Checked	Notes Date 1-5-59	
Date	Indexed A. C. Johnson 1-6-59	

BANEWELL AVE SS
2054.14
LOCATION OF M.H.'S.
on
LARK ELLEN AVE
AND
BIG DALTON WASH.

1-5-59
Willey
Mankey Jr
McCall
Swann

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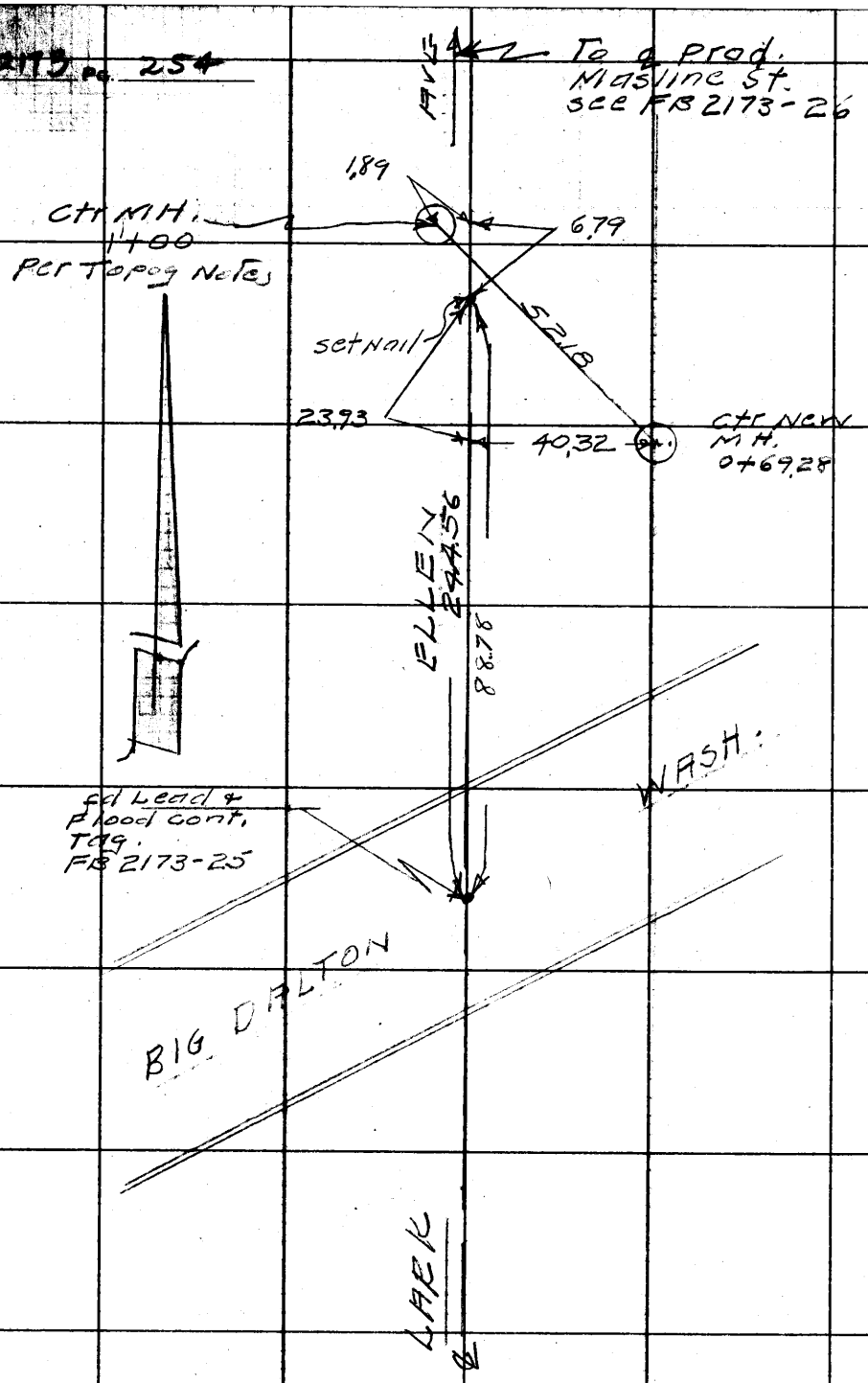
76F309S S&E #247 1-56

F.B. 2173 Pg. 254



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F. B. 2173 Pg. 255

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2054.14 Division No. ____

Date ____ Date ____ Survey of BANDINI AVE 55.

X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by KUSY Notes ____ Date 1 5 59

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

JN 2054.14

BANDINI AVE 55

INVERT'S on MH 0+69.28 & 40.32' Rt

& EAST of & LAKE ELLEN AVE

at

BIG DALTON WASH

&

PROFILE of EAST CURB on LAKE ELLEN AVE

From

BIG DALTON WASH North to TUJUNGA ST.

RL Willey
Mantey Jr.
McCall
Swann

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

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76L-298 S & E #307—1-56

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F. B. 2173 Pg. 256 Job No 2254-1 Division No. 55 Profile
Survey of BANE KELLEN AVE No. X-Sec.
Survey by Kelley Notes Makeyle Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 45-10				477.76'	BM 45-10 EL 477.761 FB 1367-16 LARK ELLEN AVE & MASELINE ST. N.W. COR Bk. Spk. in most Wly curb 5' North of N. end of curb Ref. in front Hse #4903	
M.H. 0+69.28 & 40.32' Rt & East of ℄ LARK ELLEN						
EL of Rim				480.97'		
Invert on 18" VCP Inlet from NW				462.32'	480.97 EL on Rim 18.65 Rim to Invert 462.32	17.15 Rim to Inside top Pipe 1.50 Size Pipe 18.65
" " " Outlet to South				462.00'	480.97 EL on Rim 18.97 Rim to Invert 462.00	17.44 Rim to Inside Top Pipe 1.53 Size Pipe 18.97

PROFILE of EAST Curb on LARK ELLEN AVE.
From BIG DALTON WASH to TUDOR ST.

						RT & EAST
0+04.43	(on BIG DALTON WASH BRIDGE)			480.34'		30.0' Gut
"	(" " " ")			481.32'		30.0' Curb
+50	(in BIG DALTON R/W)			80.45		" Gut
+50	(" " " ")			81.37'		" Curb
1+00				80.60'		" Gut
1+00				81.24'		" Curb
+50				80.41'		" Gut
+50				81.09'		" CB
2+00				80.21		" Gut
2+00				480.86		30.0' CB

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		RT & EAST
2+50				480.06'		30.0' Gut.
2+50				80.71'		" Cb.
3+00				79.78'		" Gut.
3+				80.64'		" Cb.
3+50				79.83'		" Gut.
3+50				80.46'		" Cb.
4+00				79.75'		" Gut
4+00				80.41'		" Cb.
4+50'				79.62'		" Gut
4+50				80.25'		" Cb
5+00				79.49'		" Gut
5+00				80.14'		" Cb
5+39.68	Gut at BCR			79.42'		" Gut
5+39.68		BCR		80.06'		30.0' Cb
5+39.68		ECR		79.70'		42.0' Cb
5+39.68'	Gut at ECR			479.17'		42.0' Gut
5+76.06	℄ Intr LARKELLEN & TUDOR					
BM HV-1				478.57'		

Profile Notes Red Plotted Job No. 2054.14 Division No. F.B. 2173 Pg. 257
No. Date Date Survey of BANEWELL AVE SS
X-Sec. Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date [illegible]
No. Date Date Map No. Indexed C. Johnson Date

F. B. 2173 p. 250

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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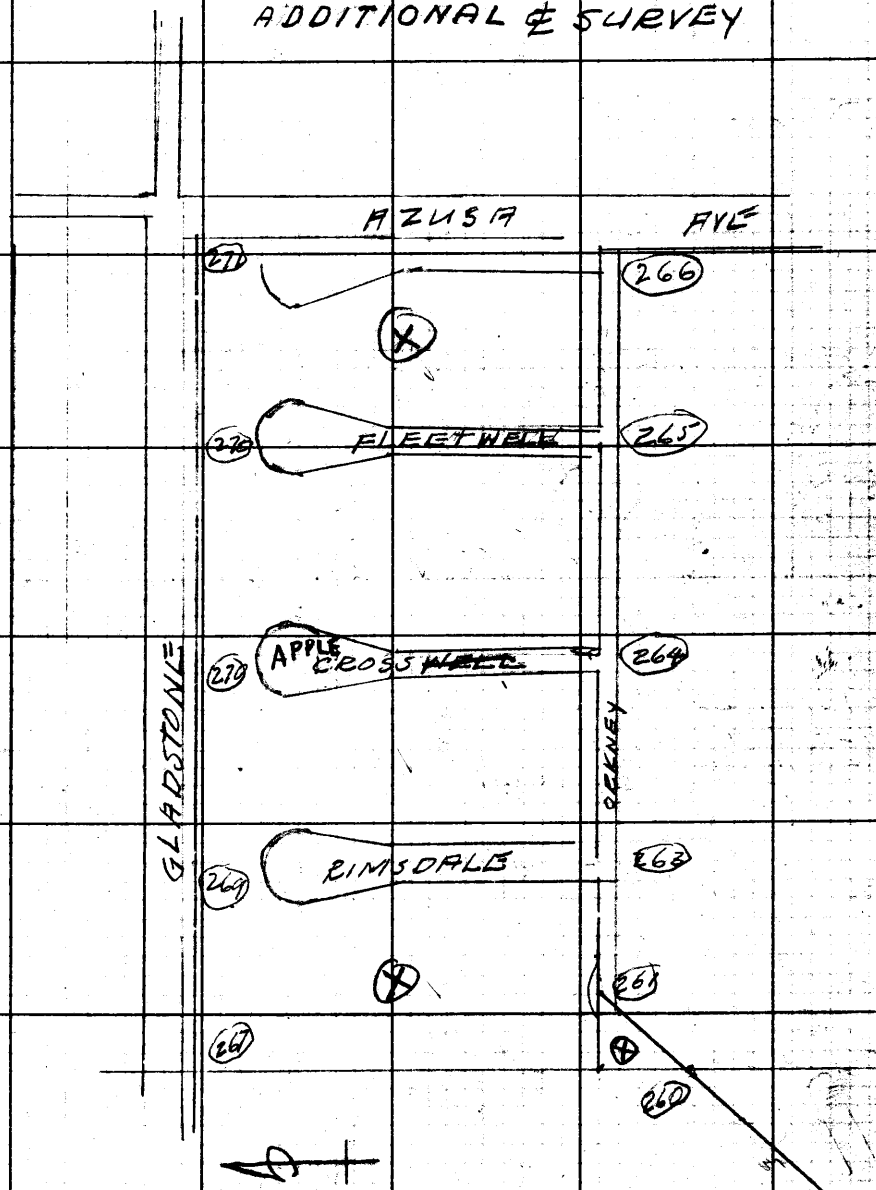
76L-298 S & E #307—1-56

PWFB 1531 850, 851

Notes Ck'd by W. J. BRENNER	Survey of Banewell Ave
Map No.	IN 205414 Tape Std °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 5-15-59
Date	Indexed A. C. Johnson 5-27-59

F.B. 2175 PG. 259

C.I. 205414
BANEWELL AVE
ADDITIONAL ℄ SURVEY



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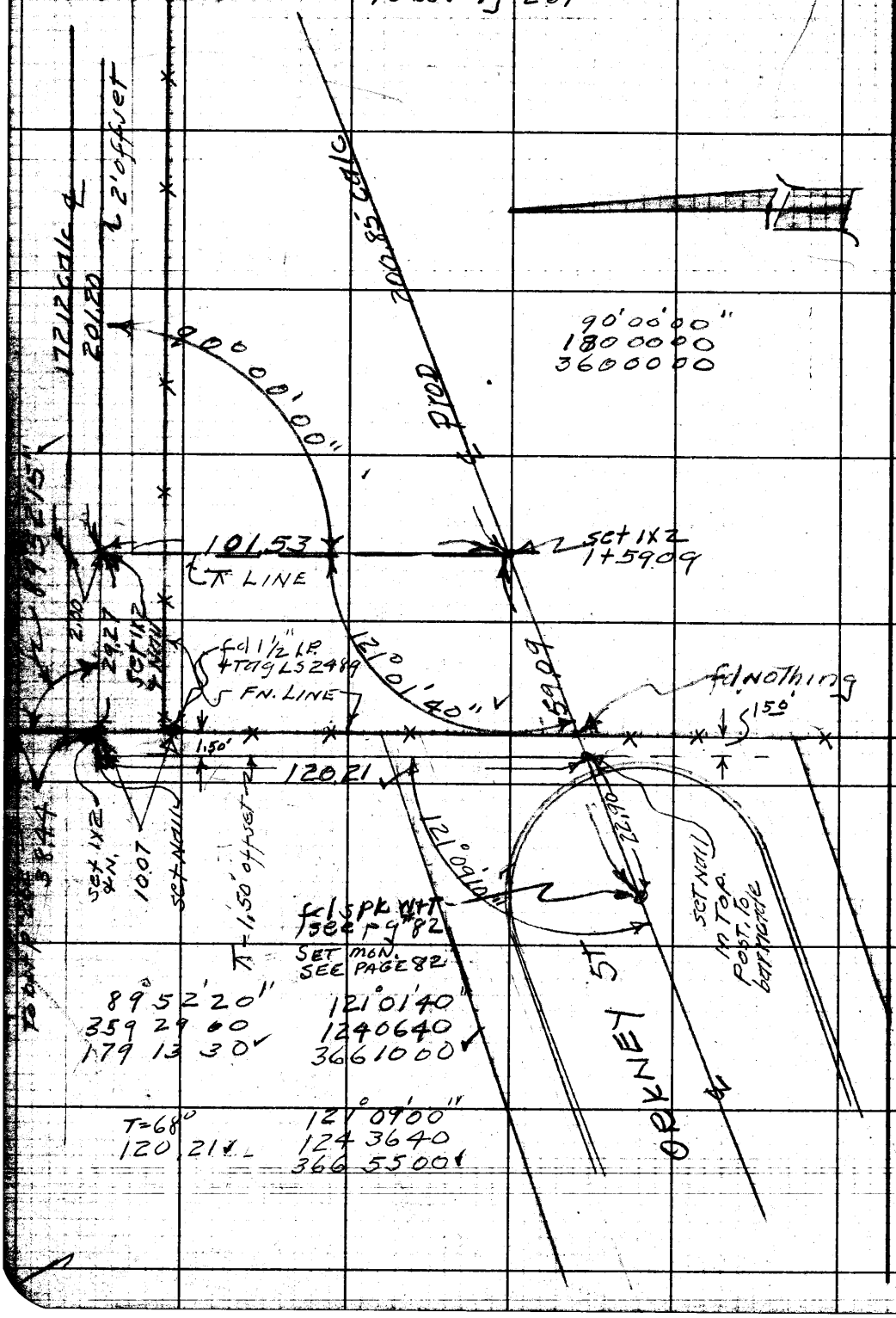
763098 CE #247—7-53

PWFB 1531 852

F.B. 2173 PG. 260

To bot Pg 261

W.S. A7 C-3



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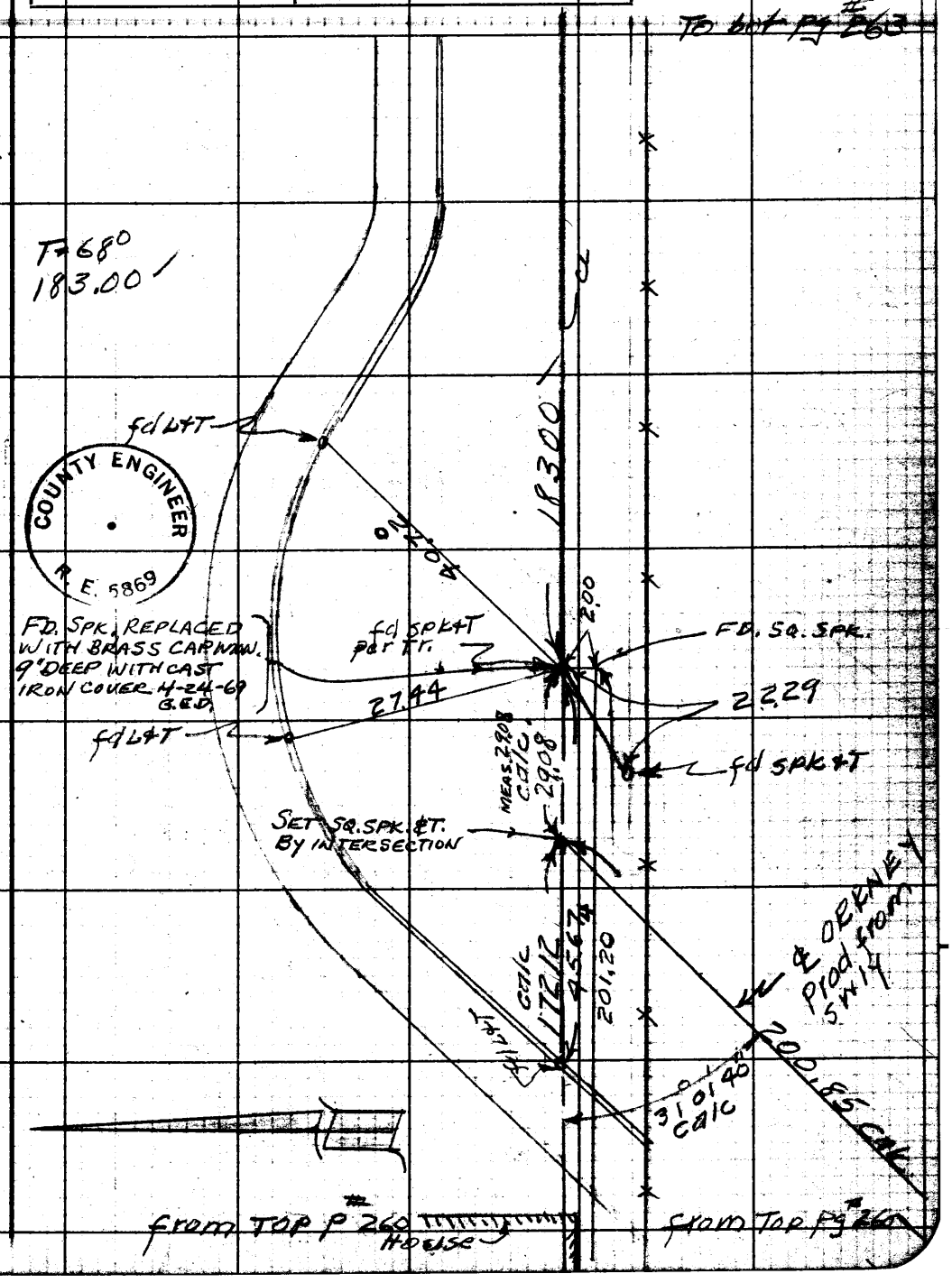
PWFB 1531 853, 854

Notes Ck'd by W. J. BRENNER	Survey of Banewell Ave SS
Map No.	JN 205414 Tape Std 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 5-15-59
Date	Indexed E. C. Johnson

F. B. 2173 PG. 261

W.S 47 C-3



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900 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

PWFB 1531

F. B. 2173 PG. 262

855

To right pg # 268

W.S 47

C - 3

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T=76=23380
23379

23380

TR. LINE

LITTLE DALTON WASH

fd 1½" I.P. + Tag
LS 2489

3849

from left pg # 260

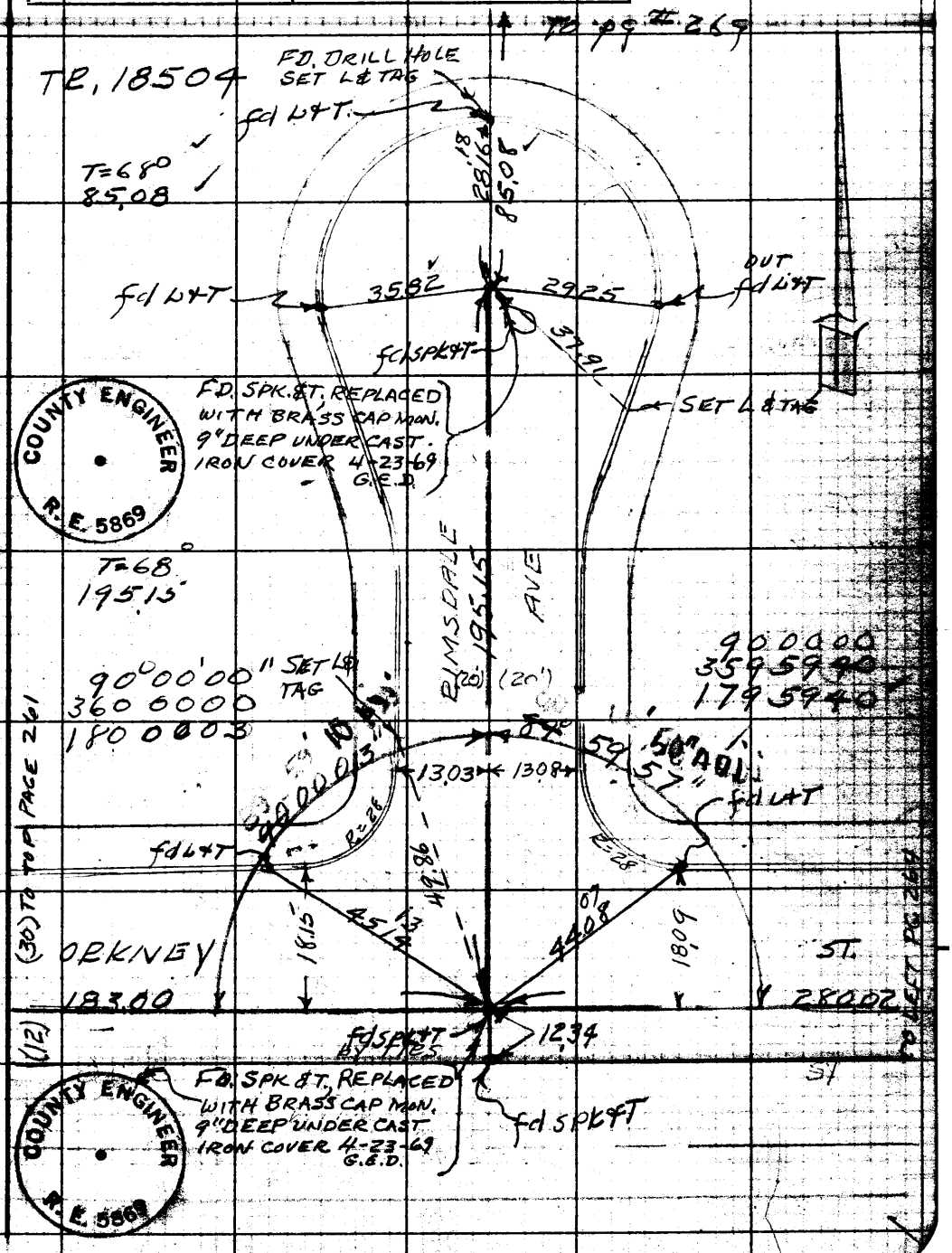
PWFB 1531 856, 857

Notes Ck'd by W. J. BRENNER	Survey of Banewell Ave SS
Map No.	JN 20544 Tape 0109 Std 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 5-18-59
Date	Indexed C. Johnson

F. B. 2173 PG. 263

C-3

W.S. 47



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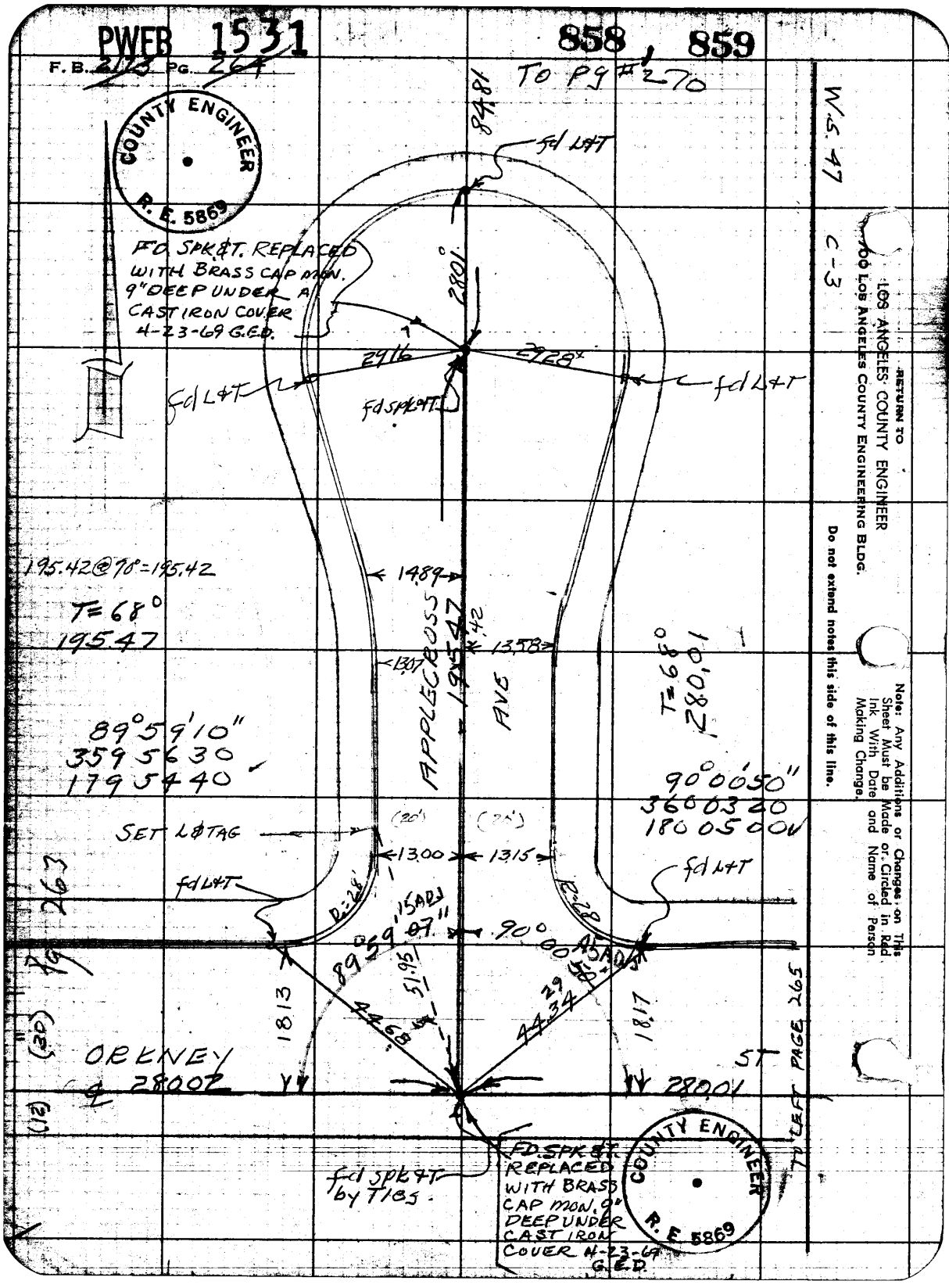
RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247-7

PWFB 1531 858, 859

F.B. 2173 PG. 264



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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PWFB 1531

860, 861

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

Survey of Bracewell Ave SS
Tape 0109 Std. 68 °F.
Surveyed by R. L. Willey
Notes " Date 5-18-59
Indexed H. A. Johnson

F. B. 2175 Pg. 265

C-3

W.S.47

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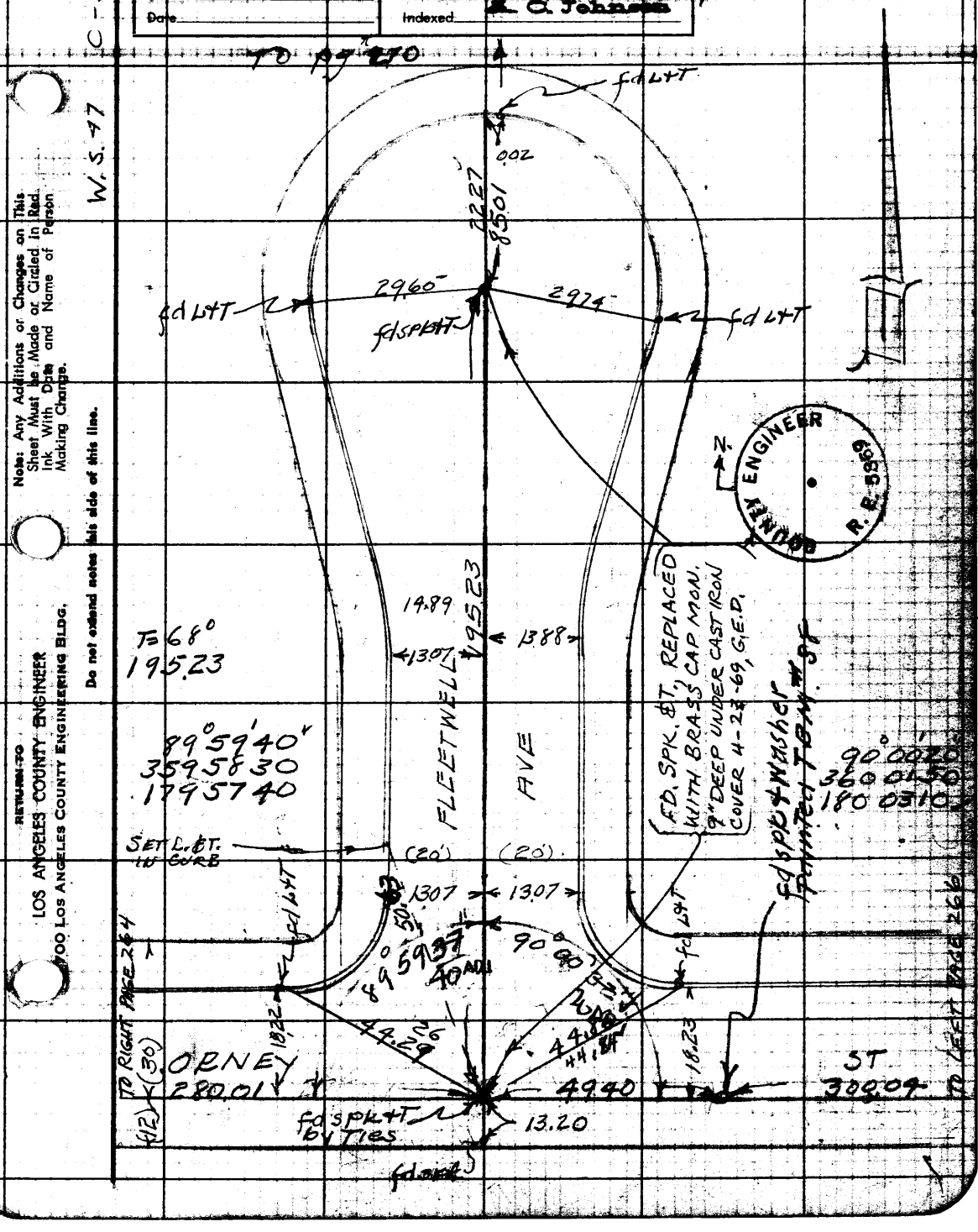
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

78305 CE #247—7-53

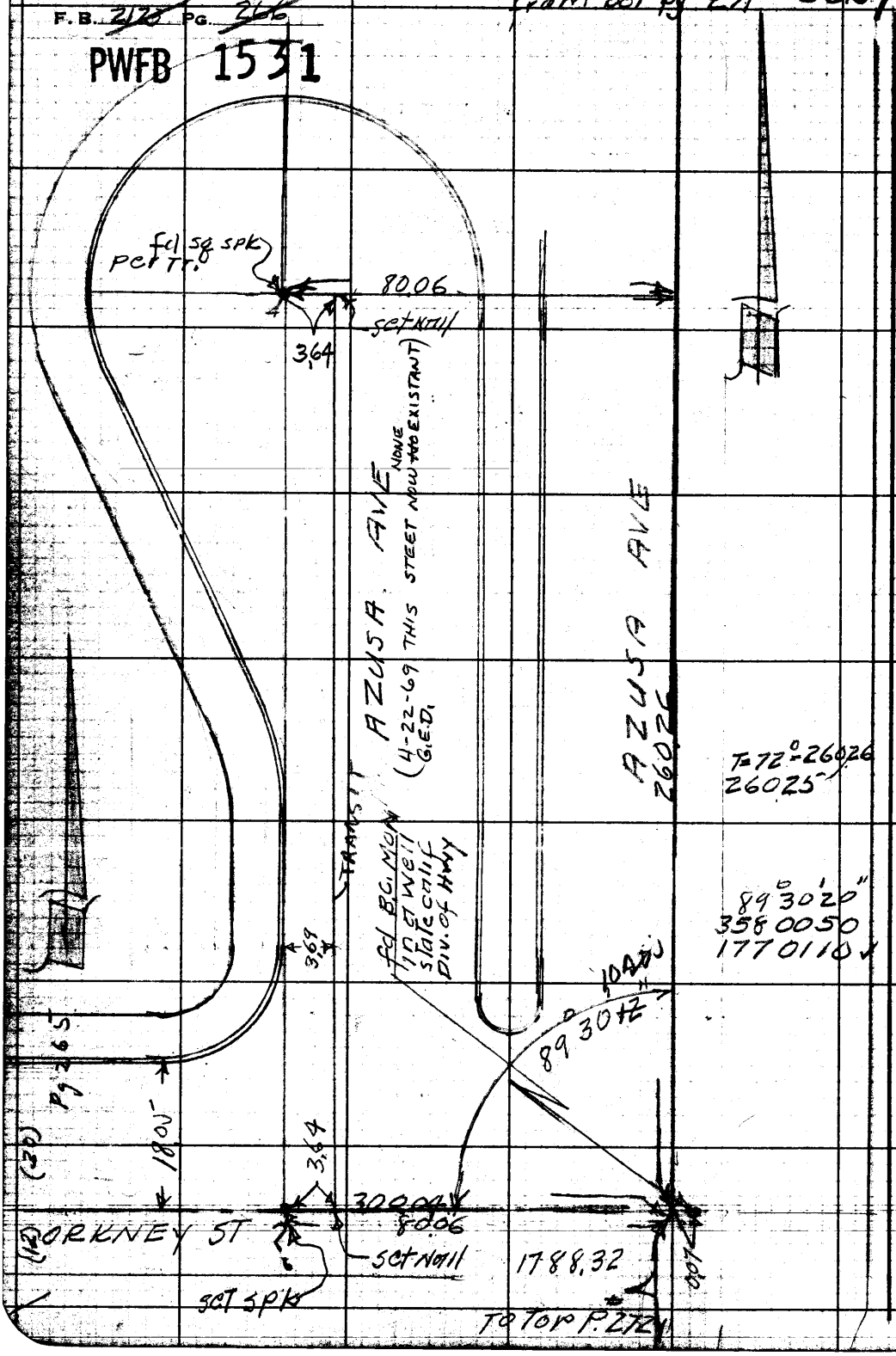


F.B. ~~2173~~ PG. ~~266~~

PWFB 1531

from bot pg #271

862, 863



W.S. 47 C-3

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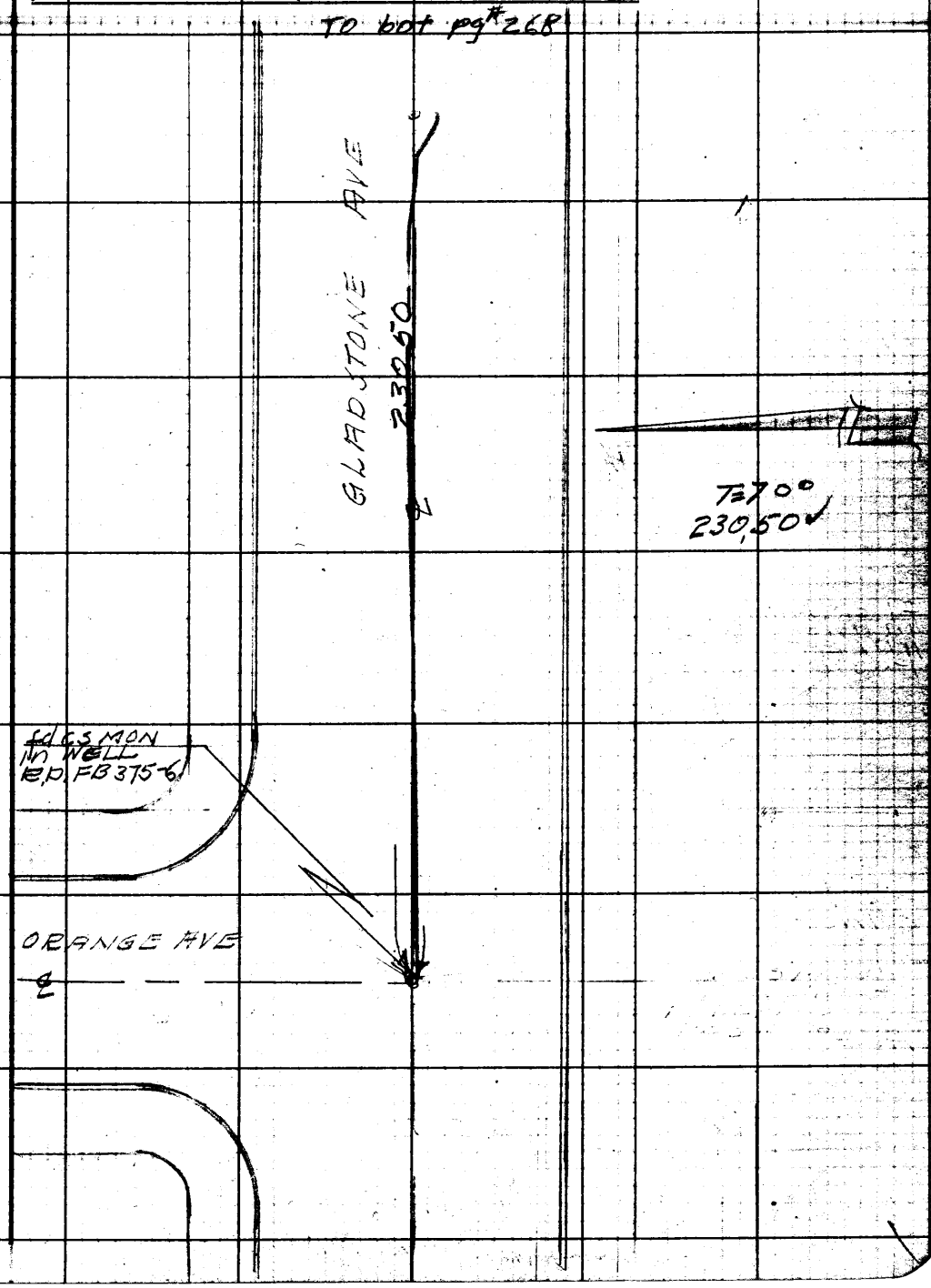
PWFB 1531 864

Notes Ck'd by W. J. BRENNER	Survey of Banewell Ave SS
Map No.	JN 205414 Tape 0109 Std 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 5-19-59
Date	Indexed K. C. Johnson

F. B. 2173 PG. 267

C-3

W.S. 47



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763098 CE #247—7-53

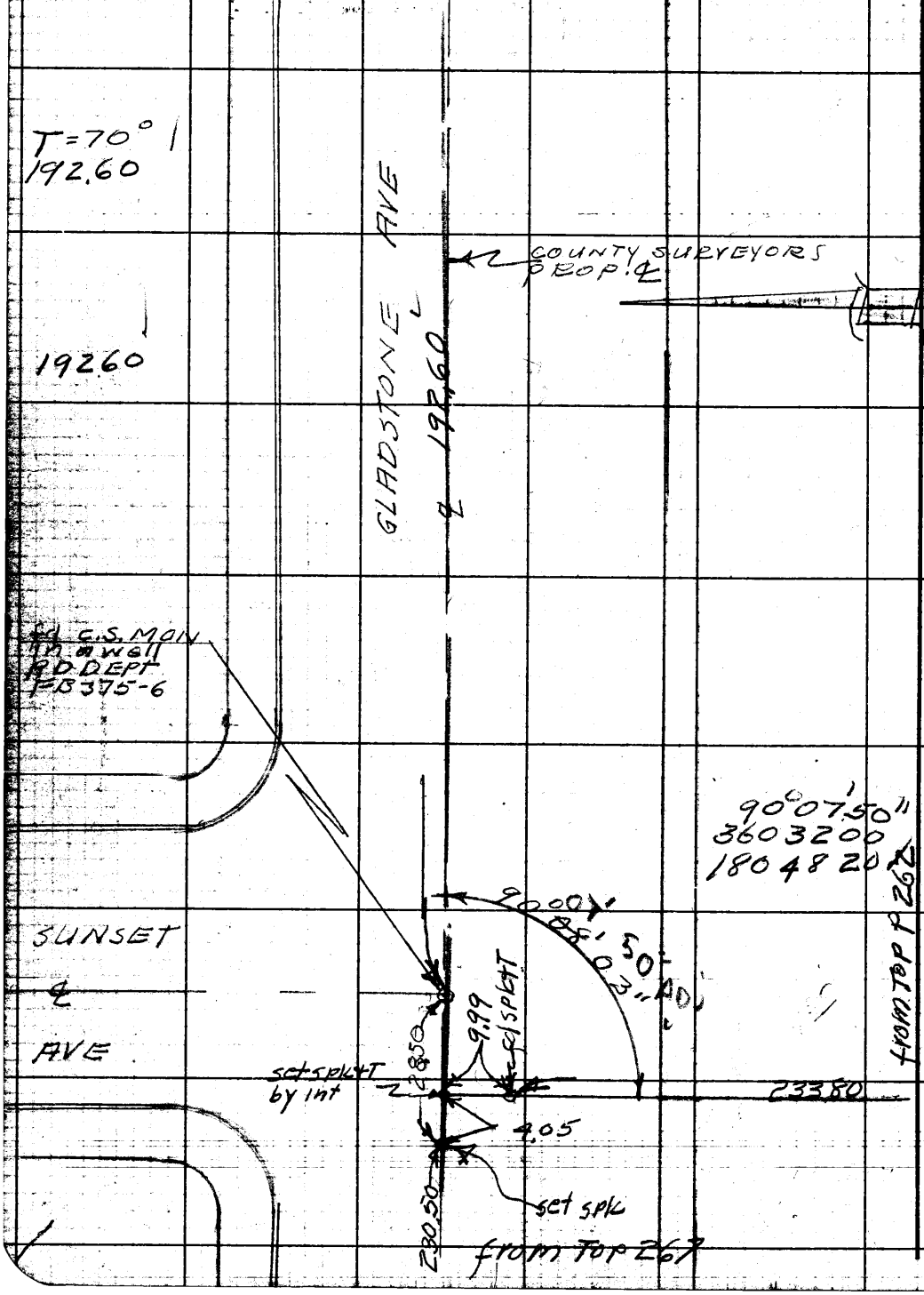
F.B. ~~2173~~ PG. ~~268~~

To bot pg # 269

865

PWFB 1531

W.S. 47 C-3



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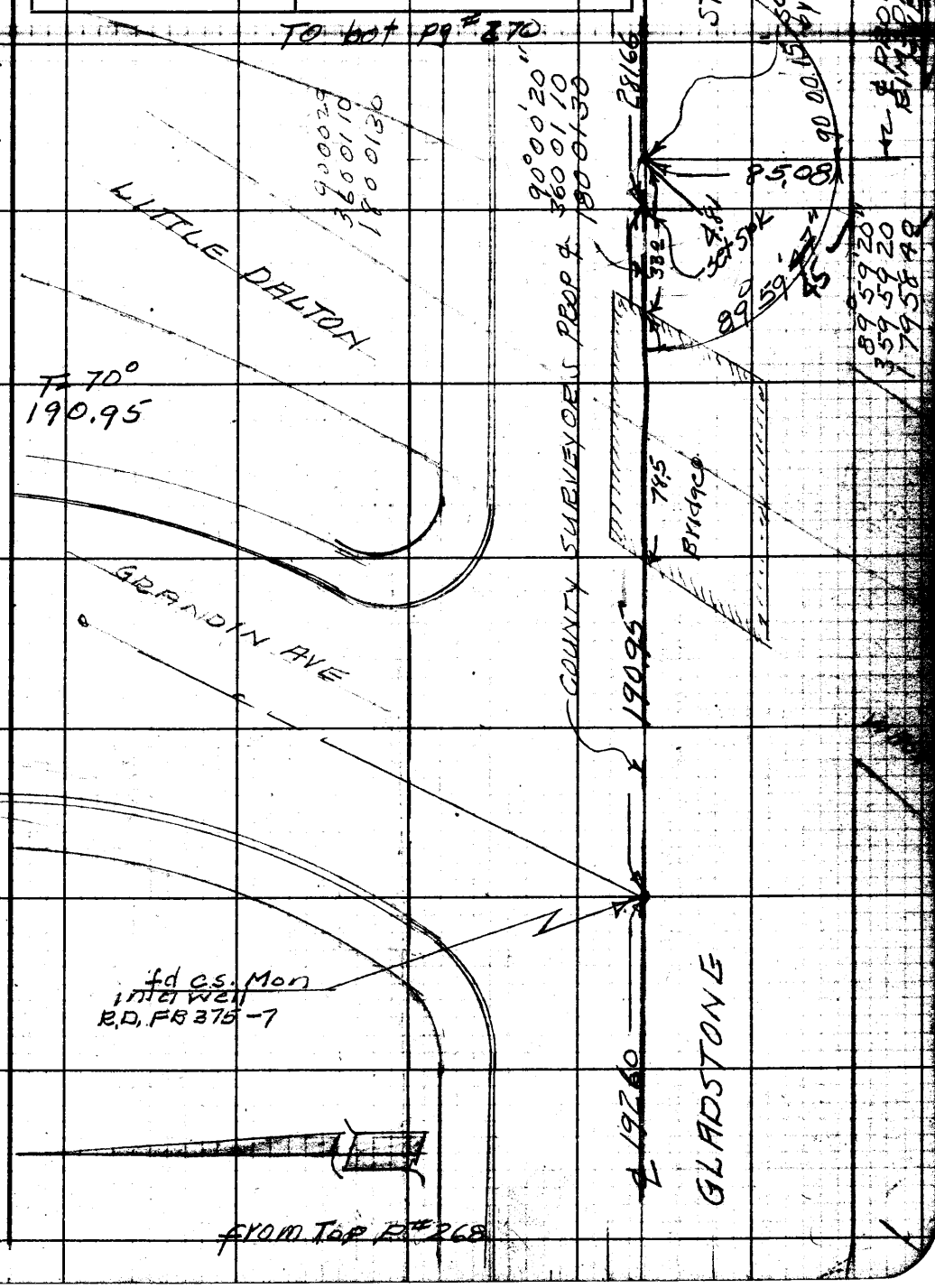
PWFB 1531 866 867

Notes Ck'd by W. J. BRENNER	Survey of Bartlett Ave SS	F. B. 2173 Pg. 269
Map No.	20.6414 Tape 0109 Std 68 °F	
Office Work	Surveyed by R L Willey	
Checked	Notes " Date 5-19-59	
Date	Indexed A. C. Johnson	



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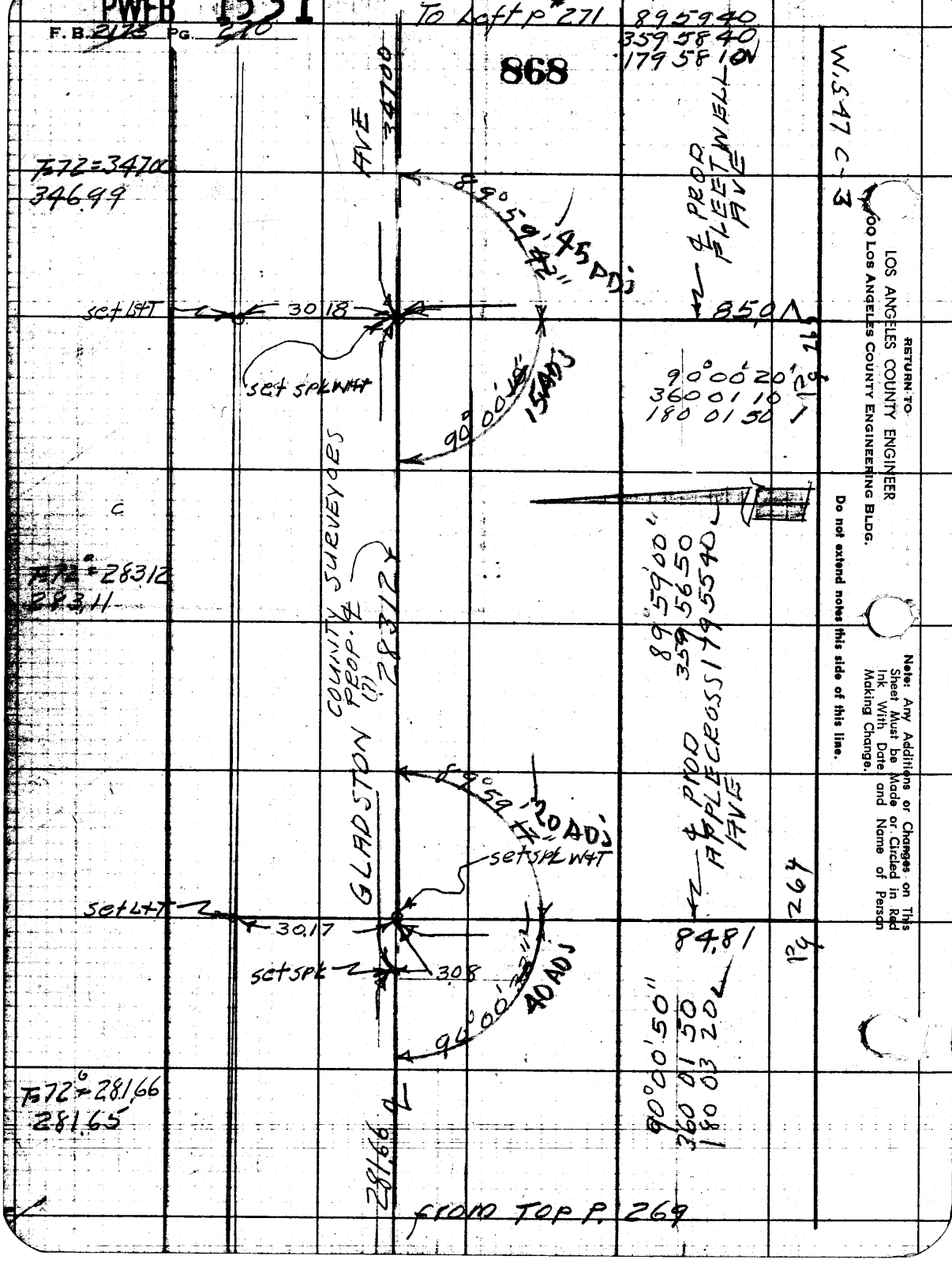
763098 CE #247-7

PWFB 1531

F.B. 2173 PG. 270

868



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900 LOS ANGELES COUNTY ENGINEERING BLDG.

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PWFB 1531

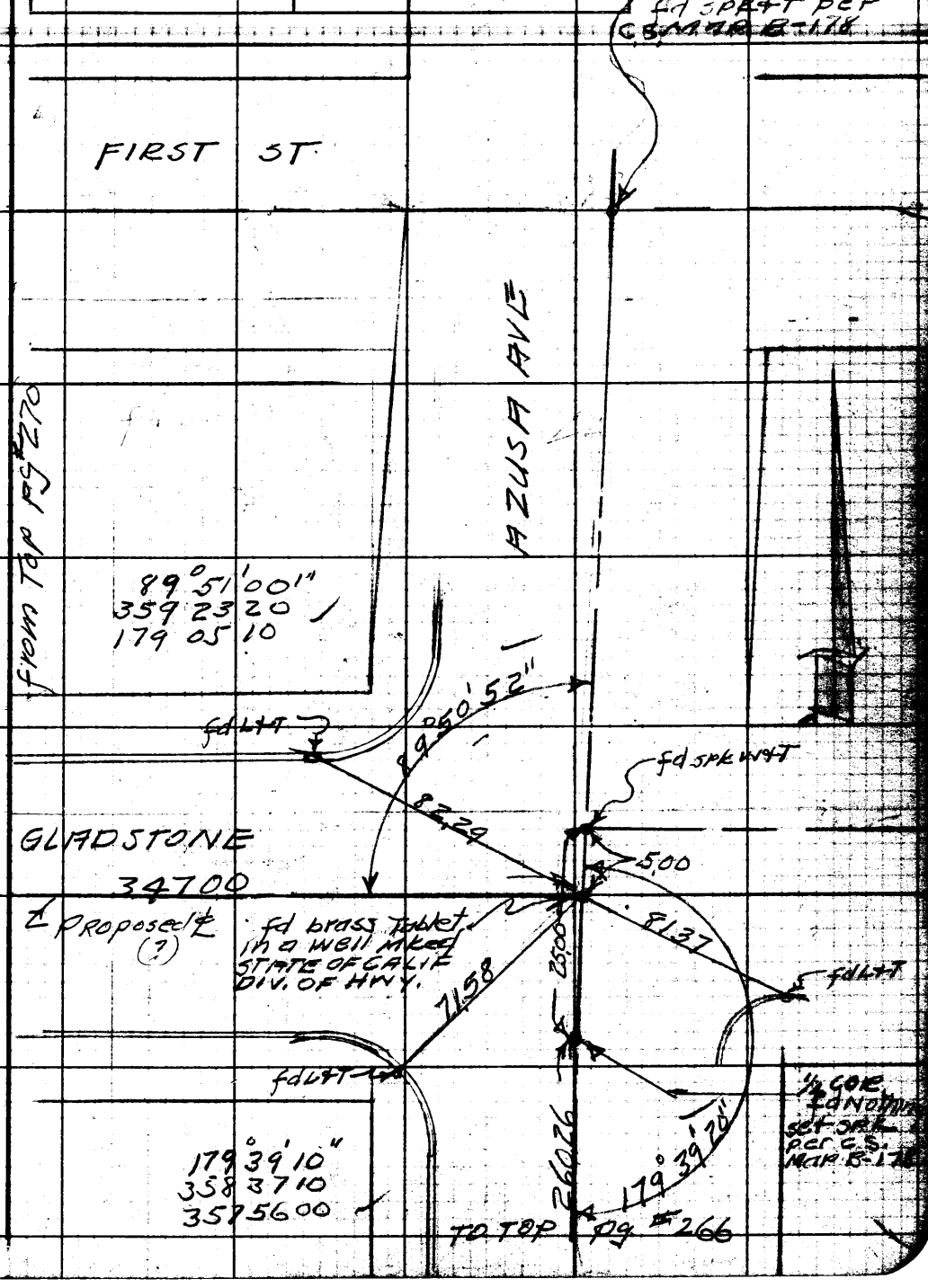
869

Notes Ck'd W. J. BRENNER	Survey of Banewell Ave SS
Map No.	JN 205419 Tape 0109 Std 68 °F
Office Work	Surveyed by R L Willey
Checked	Notes " Date 5-19-59
Date	Indexed A. C. Johnson

F. B 2173 PG. 271

C-3

W.S.47



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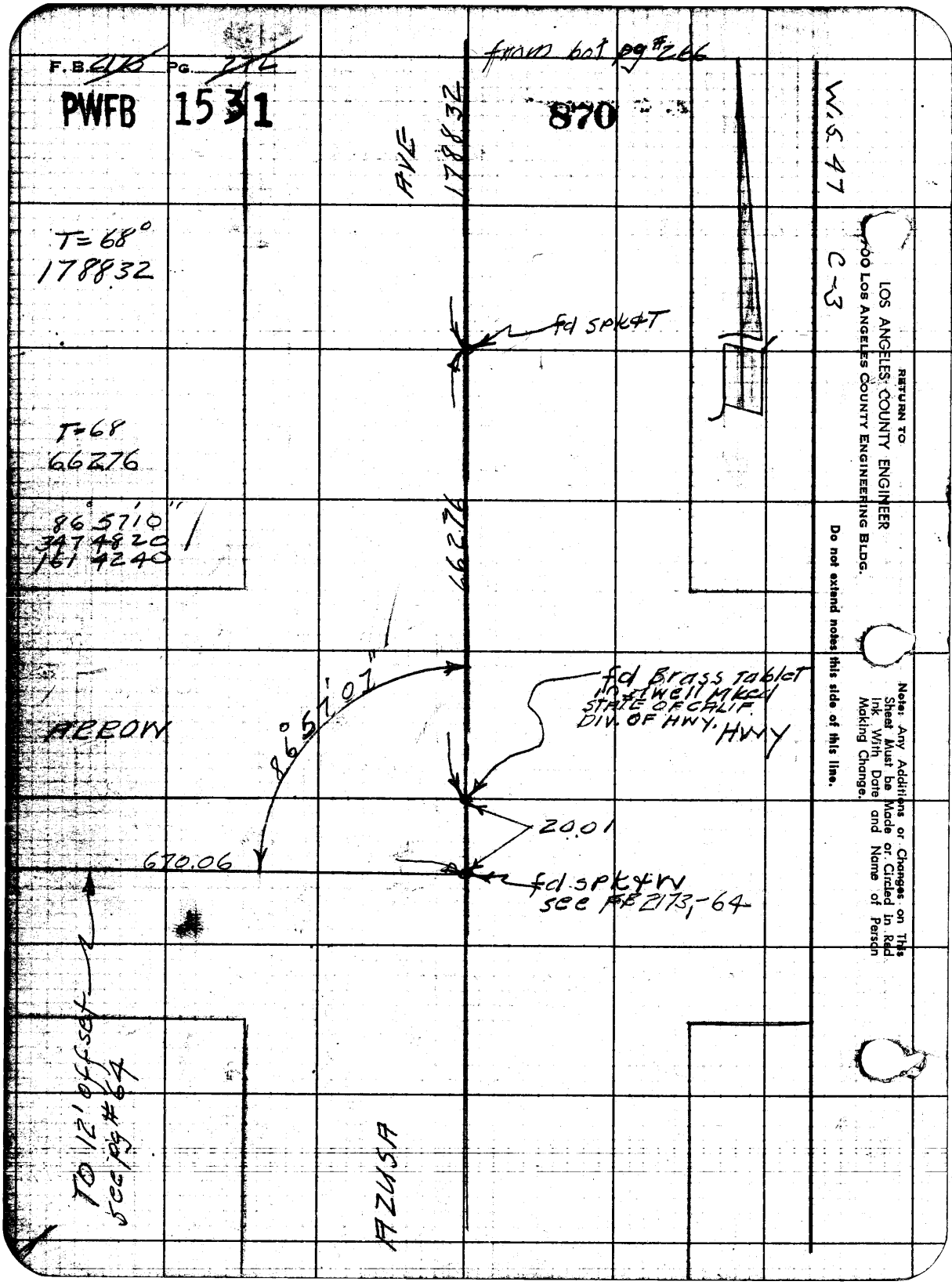
763098 CE #247—7-58


F.B. 216 PG. 272
PWFB 1531
from bot pg #266
870
W.S. 47
C-3
AVE
178832
T=68°
178832
fd SPK&T
T=68
66276
86°57'10"
3474820
1614240
66276
86°57'07"
fd Brass Tablet
in Stwell Mkd
STATE OF CALIF.
DIV. OF HWY.
HWY
ARROW
20.01
670.06
fd SPK&W
see FB 2173,-64
TO 12' offset
see pg #64
AZUSA
RETURN TO
LOS ANGELES COUNTY ENGINEER
1100 LOS ANGELES COUNTY ENGINEERING BLDG.
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F. B. 2173 PG. 273

NOTES RED. JOB NO 205414 SURVEY OF Banewell Ave SS
DATE SURVEY BY R. L. Willey
NOTES CHKD. NOTES BY Willey DATE 5-21-59
DATE INDEXED C. Johnson DATE 5-27-59

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
					indexed	205414 BANEWELL AVE BENCH LEVELS 5-21-59

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

76420 S & E-353 4-54

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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
(Fd) BMHV31	500.767				500.767	BM HV 31 El = 500.767 FB 2173-14
	6018		6,096			leaf Ave & Orkney St. S. E. Cor
⊼	506,785	+3.385	+3.389		+3.3870	Bt spk in curb. 5' S. of S. E. C.R.
(Fd)	2,633		2,707		504.158	
BMHV 32	504.152				~~504.1640~~	BM HV 32 El = 504.158 F.B. 2173-14
	6.258		6190			Orkney St (S. side) 250'± E. of
⊼	510,410	+1,872	+1.869		+1.8705	leaf Ave.
	4.386		4321			Bt spk in curb. front Ho # 17152
T.P.	506.024					
	4418		4540			
⊼	510442	+0,317	+0,316		+0.3165	
set	4.101		4,224		506.347	
BMHV-53	506.341				~~506.3410~~	B.M. HV-53
	4.971		4867			Orkney St 200'± W. of ℄ Rimsdale Ave
⊼	511.312	+0.347	+0345		+0.3460	bt spk in N. curb in front Ho # 17201
set	4.624		4522		506.696	at E end catch basin.
BMHV54	506.688				~~506.6870~~	BM HV 54
	5140		5098			Orkney St & Rimsdale Ave NW COR
⊼	511,828	+0,897	0897		+0.8970	Bt spk in curb 5' W. of W. end CR
set	4,243		4201		507.594	BM HV 55
BM HV55	507.585				~~507.584~~	Rimsdale Ave N end.
	4113		4181			Bt spk in curb 5' E. of ℄ Prod.
⊼	511,698	-0,587	-0,588		-0.5875	
	4700		4769			
T.P	506,998					
	4.719		4.498			
⊼	511,717	+0.575	+0576		+0.5755	
	4144		3922		507.586	BM HV 56
BMHV56	507.573				~~507.5720~~	Orkney St & Apple Cross Ave NW Cor.
						Bt spk in curb 5' W of W. end CR

JOB NO. 205414 SURVEY OF Banewell Ave NOTES RED.
SURVEY BY R.L. Willey DATE
NOTES BY " DATE 5-29-59 NOTES CHKD.
INDEXED C. Johnson DATE DATE

F.B. 2173 PG. 274

76S420 S & E-353 4-54

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725 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
BM HV56	507.573				~~507.5720~~	
	5.795		5.776		507.586	
π	513.368	+1.132	+1.132		+1.1320	
set	4.663		4.644		508.720	BM HV57
BM HV57	508.705				~~508.7040~~	Apple Ave N. end
	4607		4588			Bt spk in curb 5' E. of ℄ Prod
π	513.312	-1.011	-1.011		-1.0110	
	5.618		5599			
TP	507.694					
	5740		5587			
π	513.434	+2.217	+2.216		+2.2165	
set	3523		3371		509.920	BM HV58
BM HV58	509.911				~~509.9095~~	Orkney + Fleetwell NW Cor
	5.589		5.516			Bt. spk. in ob., 5' W. of W. end C.R.
π	515.500	+1.215	+1.216		+1.2155	
set	4.374		4300		511.148	BM HV59
BM HV59	511.126				511.1250	Fleetwell Ave N end
	4250		4152	4179		Bt spk in curb 5' E of ℄ Prod.
π	515.376	-0.1[illegible]7	-0.109	-0.114	-0.1015	
	4367		4261	4293		
TP	511.009					
	5700		5.569			
π	516.709	+2.980	+2.981		+2.9805	
fd	2720		2588		514.021	TBM NO. 37. Mked EL 514.41 No. ref.
TBM	513.989				~~513.9940~~	ORNEY AVE 150' W of ℄ Azusa Ave
	4833		4.730			fd spk bend in N. curb 35' W of end CR
	518.822	+0.811	+0.810		+0.8105	
set	4022		3920		514.833	BM HV60
BM # HV60	514.800				~~514.8045~~	Orkney Ave & (service Rd) AZUSA Ave NW COR
						Bt spk in curb 5' W. W end CR

NOTES RED _____ JOB NO. 2054 14 SURVEY OF Bonewell Ave
DATE _____ SURVEY BY R.L. Willey
NOTES CHKD. _____ NOTES BY C. Johnson DATE 5-21-59
DATE _____ INDEXED _____ DATE _____

F. B 2173 PG. 275

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO 20544 SURVEY OF Baldwin Ave NOTES RED
SURVEY BY R.L. Miller DATE
NOTES BY " DATE 5-21-59 NOTES CHKD
INDEXED J. C. Johnson DATE DATE

F.B. 2173 Pg. 276

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM HV60	514.800				~~514.8045~~	BM HV 60 El=514.800 F.B. 2173-275 Orkney Rd & Azusa Ave. NW cor. btsplk in curb 5' W of W end CR
	6080		6002		514.833	
T	520.880	+2.108	+2.108		+2.1080	
	3972		3894			
BM HV61	516908				516.9125	BM HV 61 Azusa Ave W. barrel 8.0' W of ℄ Azusa Ave in west curb 5'± S of S. end curb Ret.
	5691		6.101			
T	522.599	+1.893	~~+1.898~~	~~+1.898~~	+1.8955	
fd	3798		4203		~~518.843~~ 518.808	BM 11-26A 518.843 F.B. 2435, pg
BM 11-26A	518.801					Gladstone St & Azusa Ave N E cor. fd Brass cap Mon. Mkd BM 11-26A CO. ENGR 5869, 1958, set in conc. 25'± N 42'E of N end curb Ret.
	5061		5284			
T	523.862	-0.737	-0.736			
	5.798		6.020			
T.P.	518.064					
	1.707		1.453			
T	519.771	-4.563	-4.567			
	6.270		6020			
T.P.	513.501					
	1.782		1.772			
T	515.283	-4.229	-4.224			
	6011		5.948			
T.P.	509.272					
	3.118		2.997			
T	512.390	-2.133	-2.136			
	5251		5133			
T.P.	507.139					
	4223		4143	4329		
T	511.362	-1.087	-1.093	-1.088		
	5310		5236	5417		
T.P.	506.052					

+.0350

F. B 2173 PG. 277

NOTES RED. JOB NO. 205414 SURVEY OF Banewell Ave.
DATE SURVEY BY R L Willey
NOTES CHKD. NOTES BY " DATE 5-21-59
DATE INDEXED [illegible] C. Johnson DATE

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	506052		4061			
	4158		-0.023			
π	510210	-0.022	4094			
	4180		4094			
T.P.	506030	7/6/59	4894			
	4331					
π	510361	-1.871	-1.872			
	6202		6166			
BM HV.	504159					

76S420 S & E-353 4-54

F. B 2173 Pg. 278

JOB NO. 205414 SURVEY OF Bonevell Ave NOTES RED.
SURVEY BY R L Willey DATE
NOTES BY " DATE 5-21-59 NOTES CHKD.
INDEXED DATE DATE

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

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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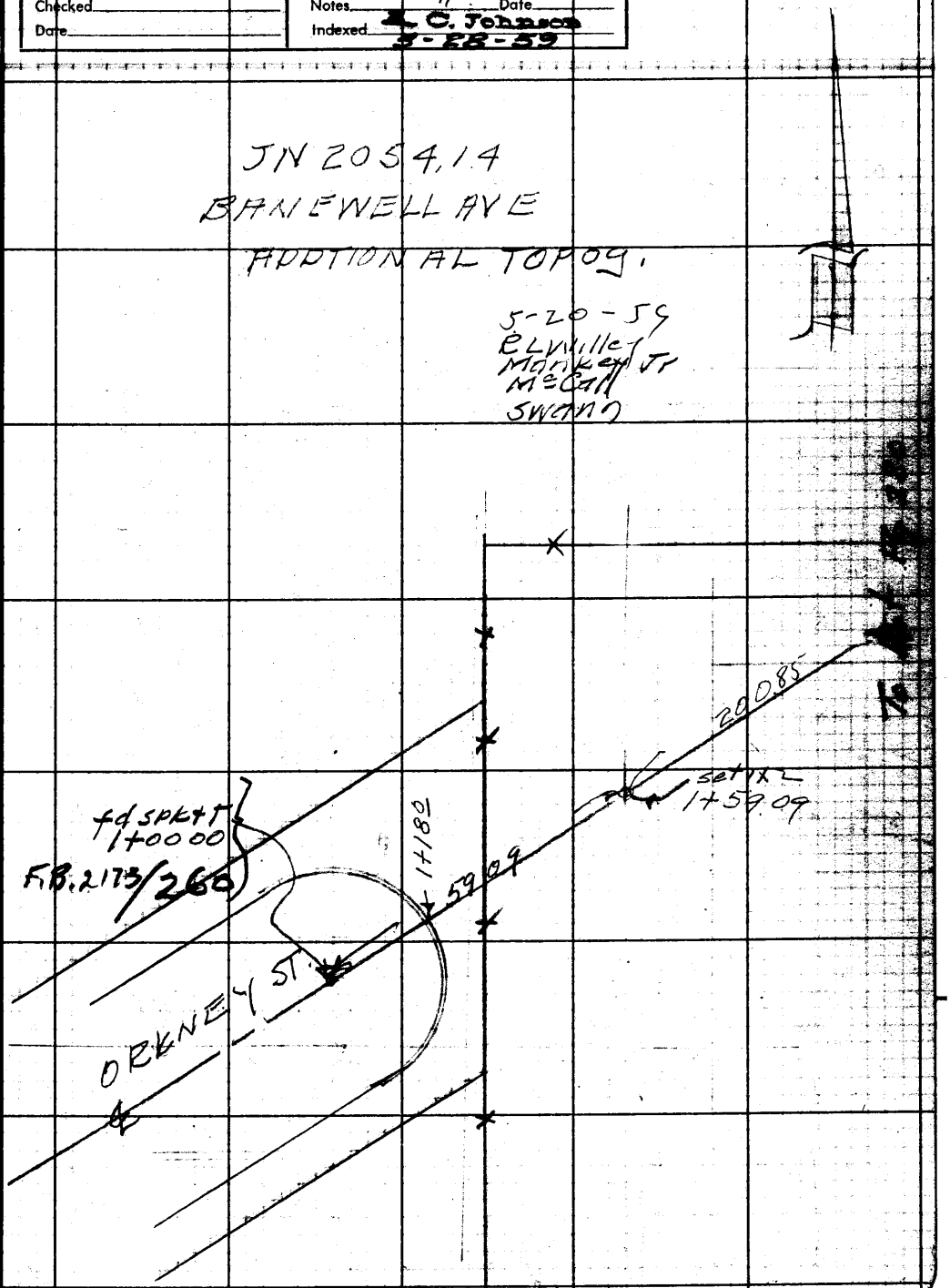
76S420 S & E-353 4-54

Notes Ck'd by	Survey of Banewell Ave	F. B. 2173 PG. 279
Map No.	JN 205414 Tape Std °F	
Office Work	Surveyed by R.L.Willey	
Checked	Notes " Date	
Date	Indexed L. C. Johnson 3-28-59	

JN 2054.14
BANEWELL AVE
ADDITIONAL TOPOG.

5-20-59
R.L.Willey
Mankey Jr
McCall
Swann



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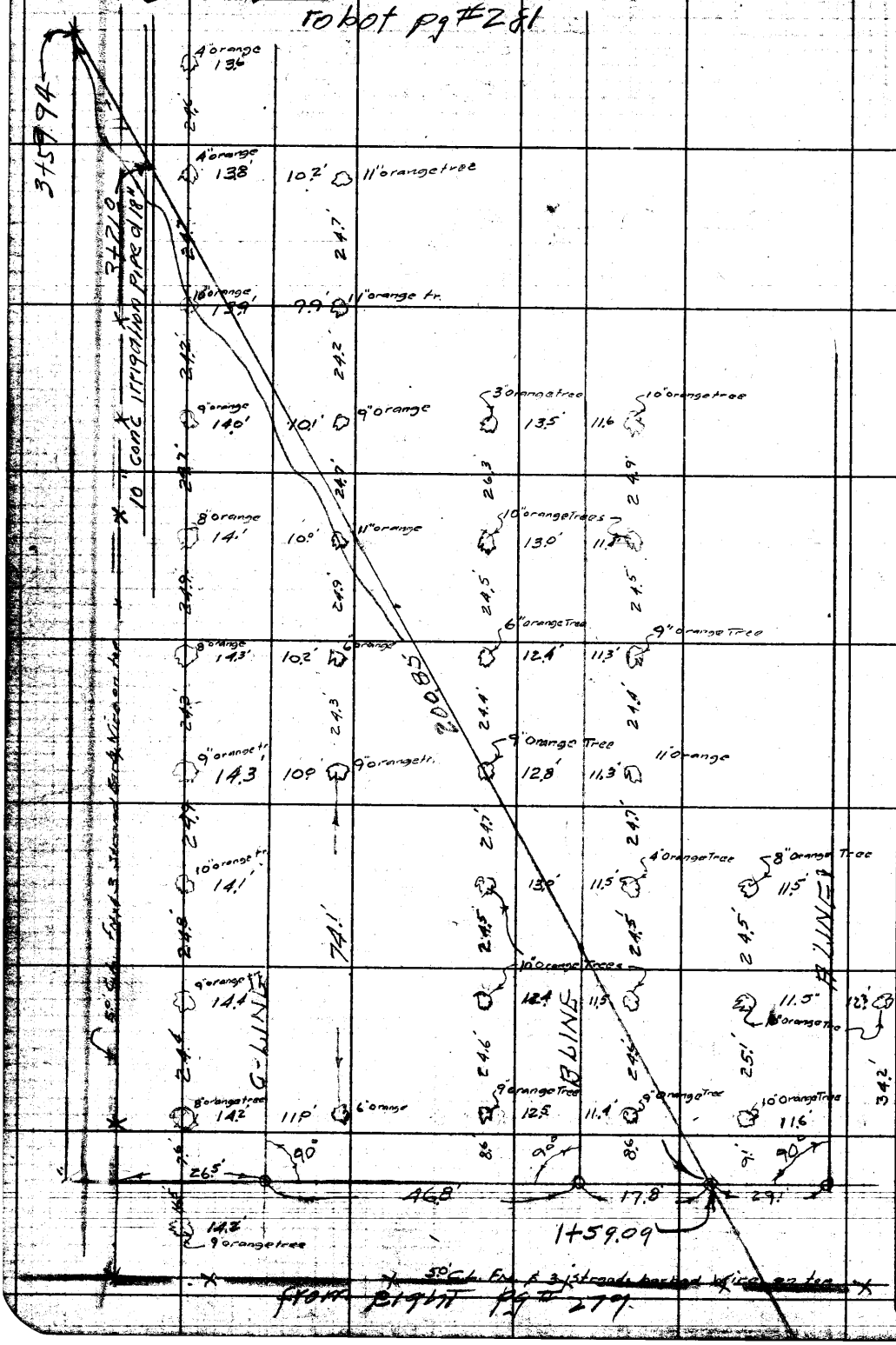
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2173 PG. 280

robot pg #281



from right pg # 279

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1700 LOS ANGELES COUNTY ENGINEERING BLDG.

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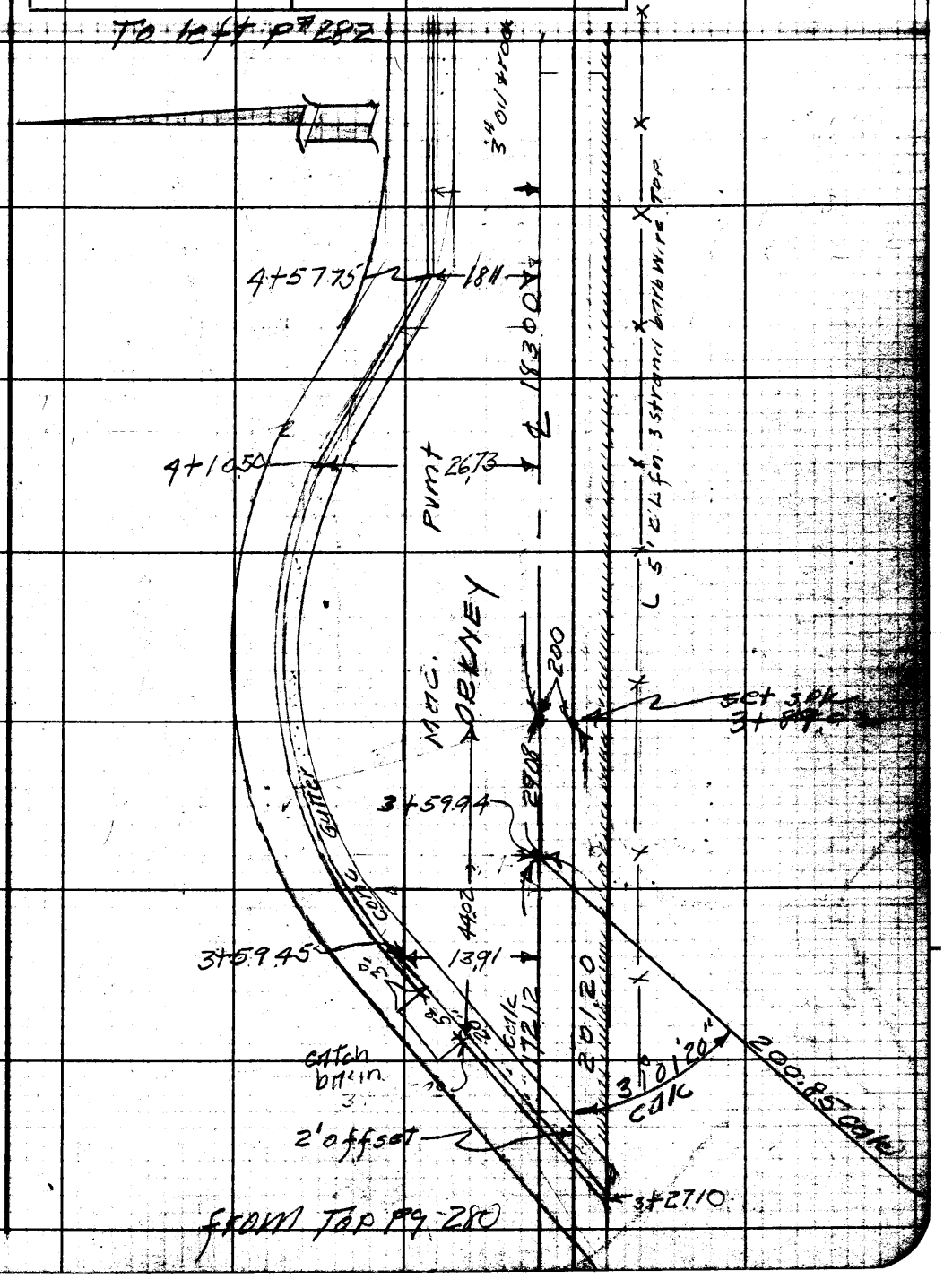
Notes Ck'd by	Survey of Banewell Ave	F. B. 2173 Pg. 281
Map No.	IN 305414 Tape Std °F	
Office Work	Surveyed by R L Willey	
Checked	Notes " Date 5-20-59	
Date	Indexed A. C. Johnson	



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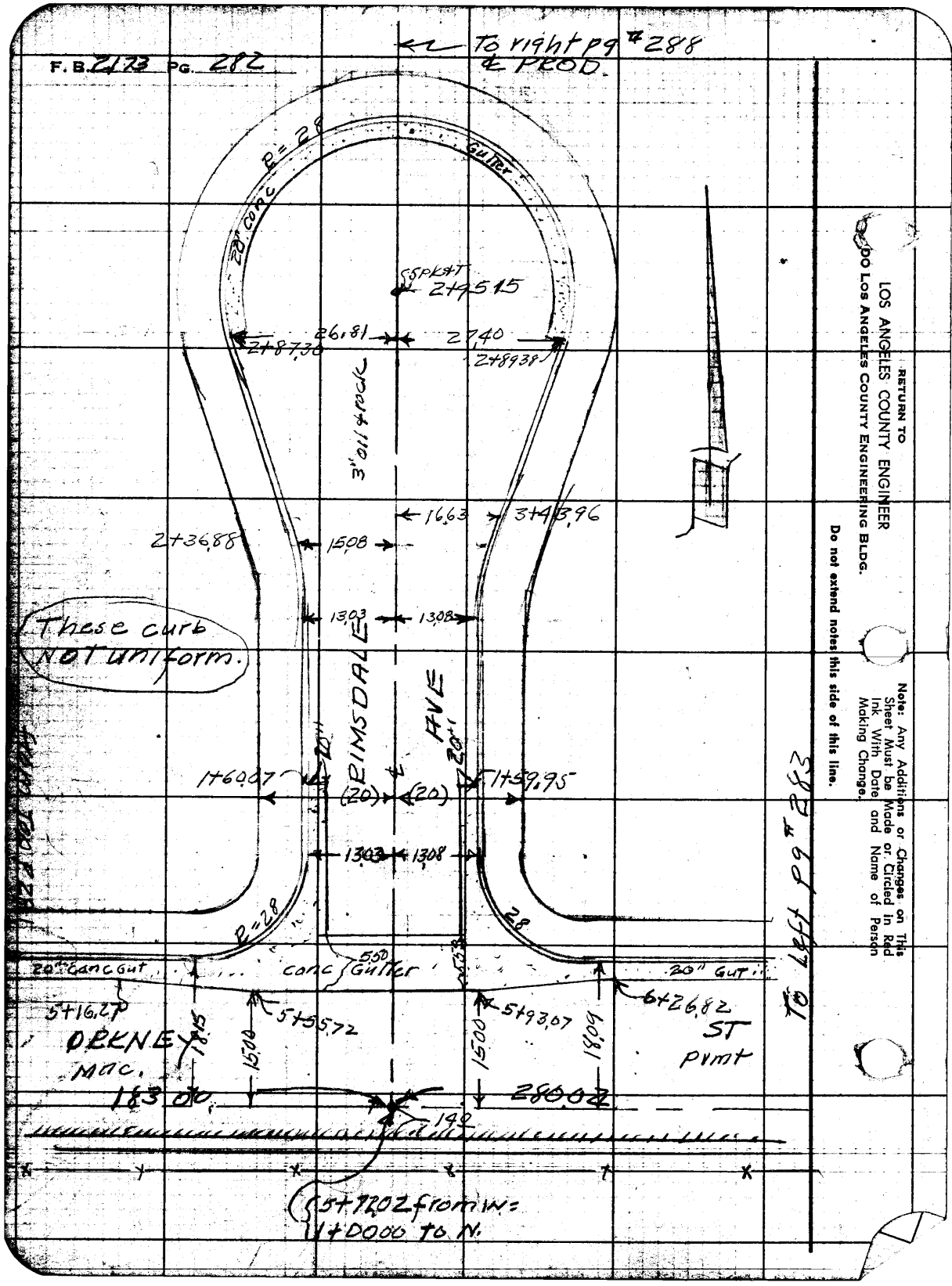
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F.B. 2173 PG. 282



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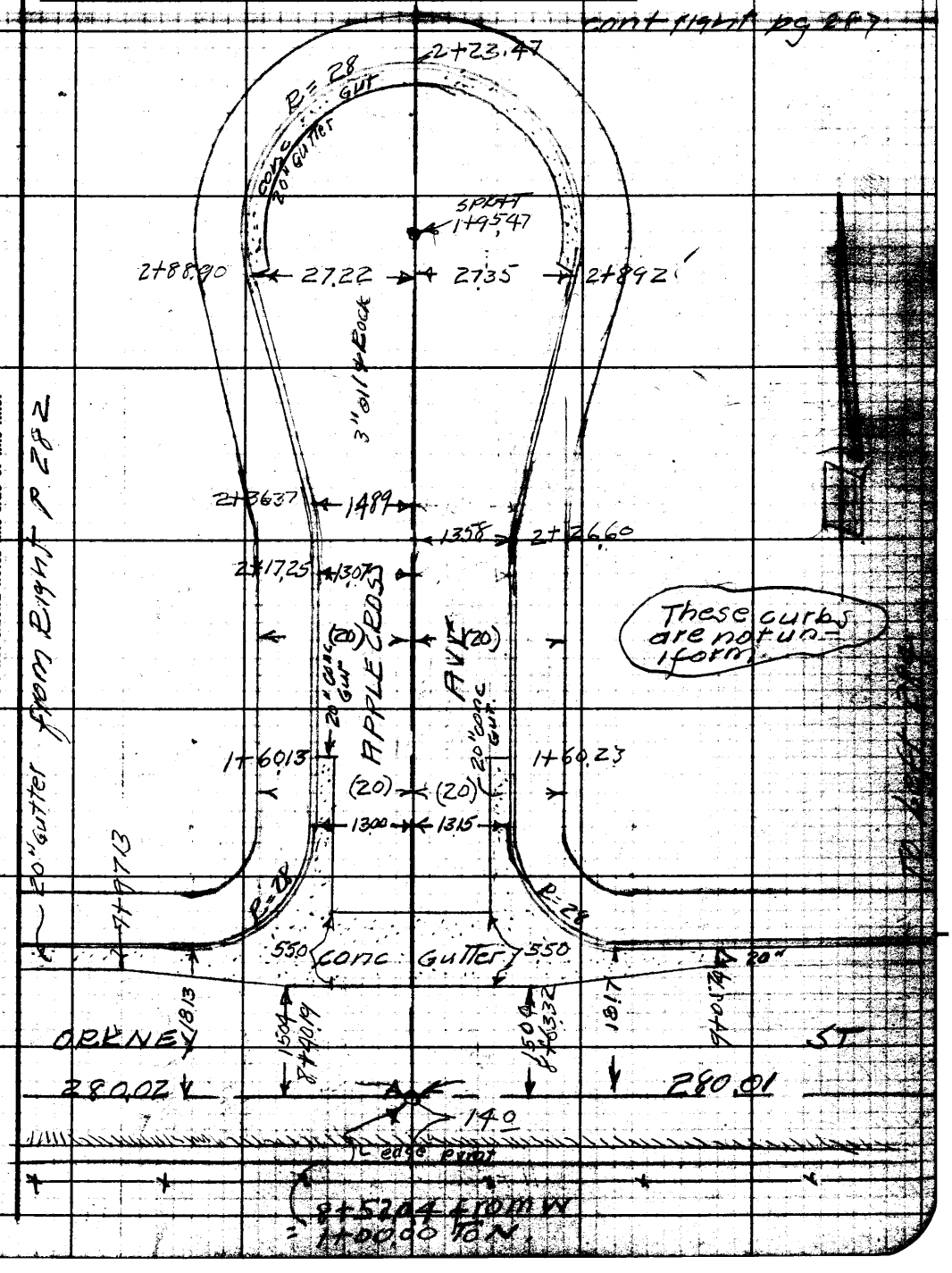
Notes Ck'd by	Survey of Banewell Ave	F. B. 2173 PG. 283
Office Work	Surveyed by R L Willey	
Checked	Notes 11 Date 5-20-59	
Date	Indexed A. C. Johnson	



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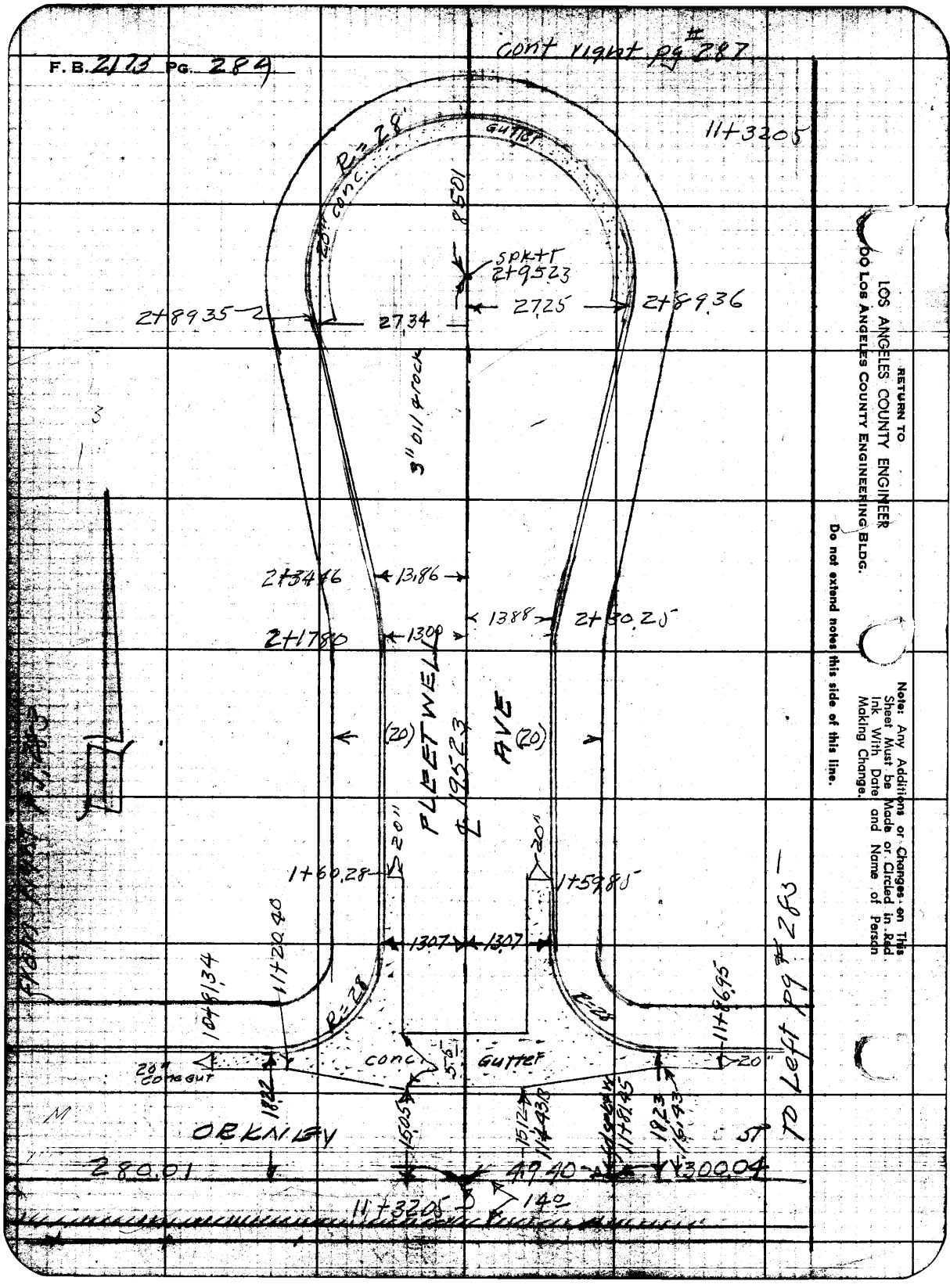
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53



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LOS ANGELES COUNTY ENGINEER
DO Los Angeles County Engineering Bldg.

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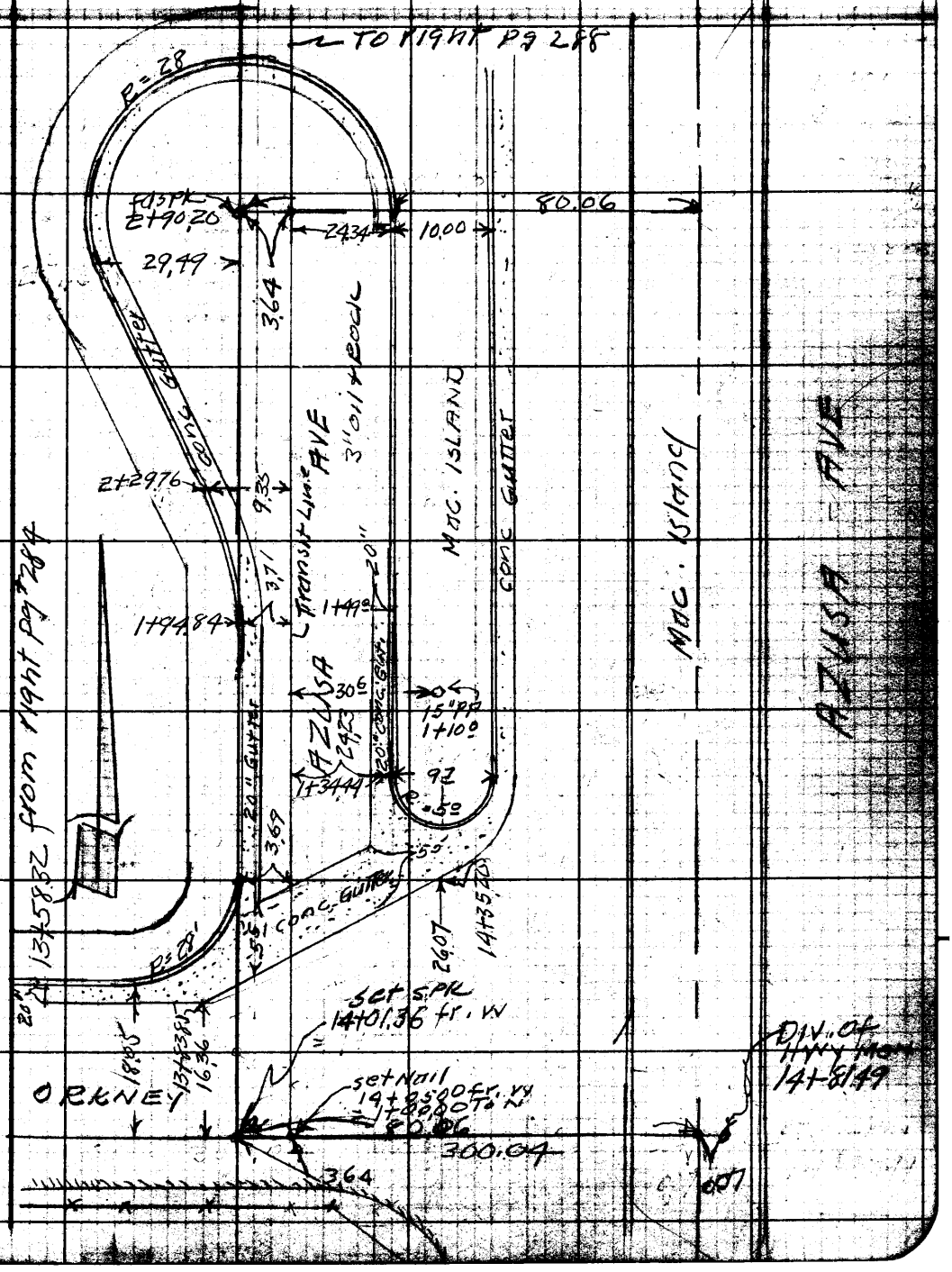
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of [illegible] Well Ave	F. B. 2173 Pg. 285
Map No.	[illegible]	
Office Work	Surveyed by R.L. Willey	
Checked	Notes	Date 5-20-59
Date	Indexed C. Johnson	



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

76309S CE #247—7-53

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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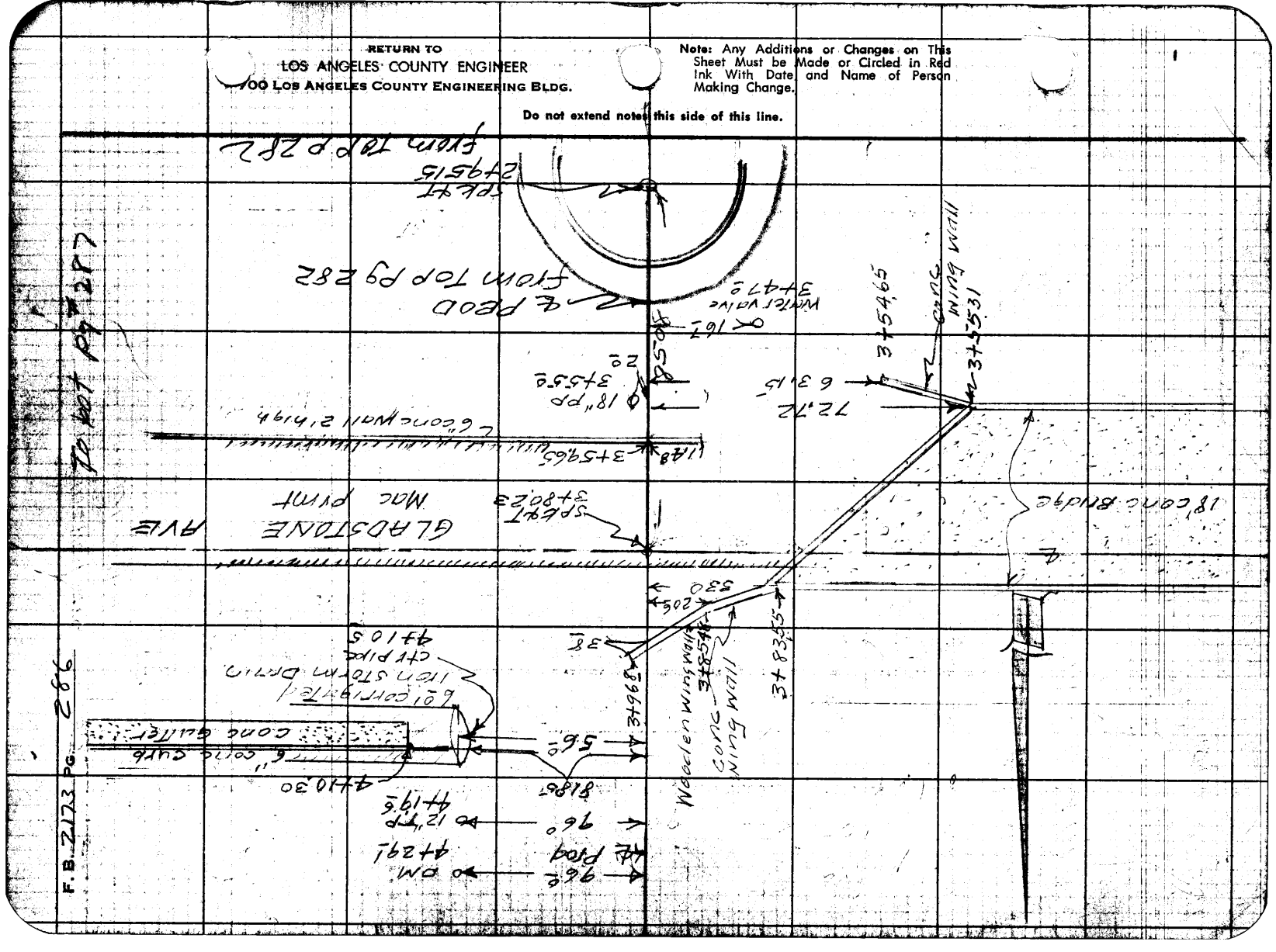
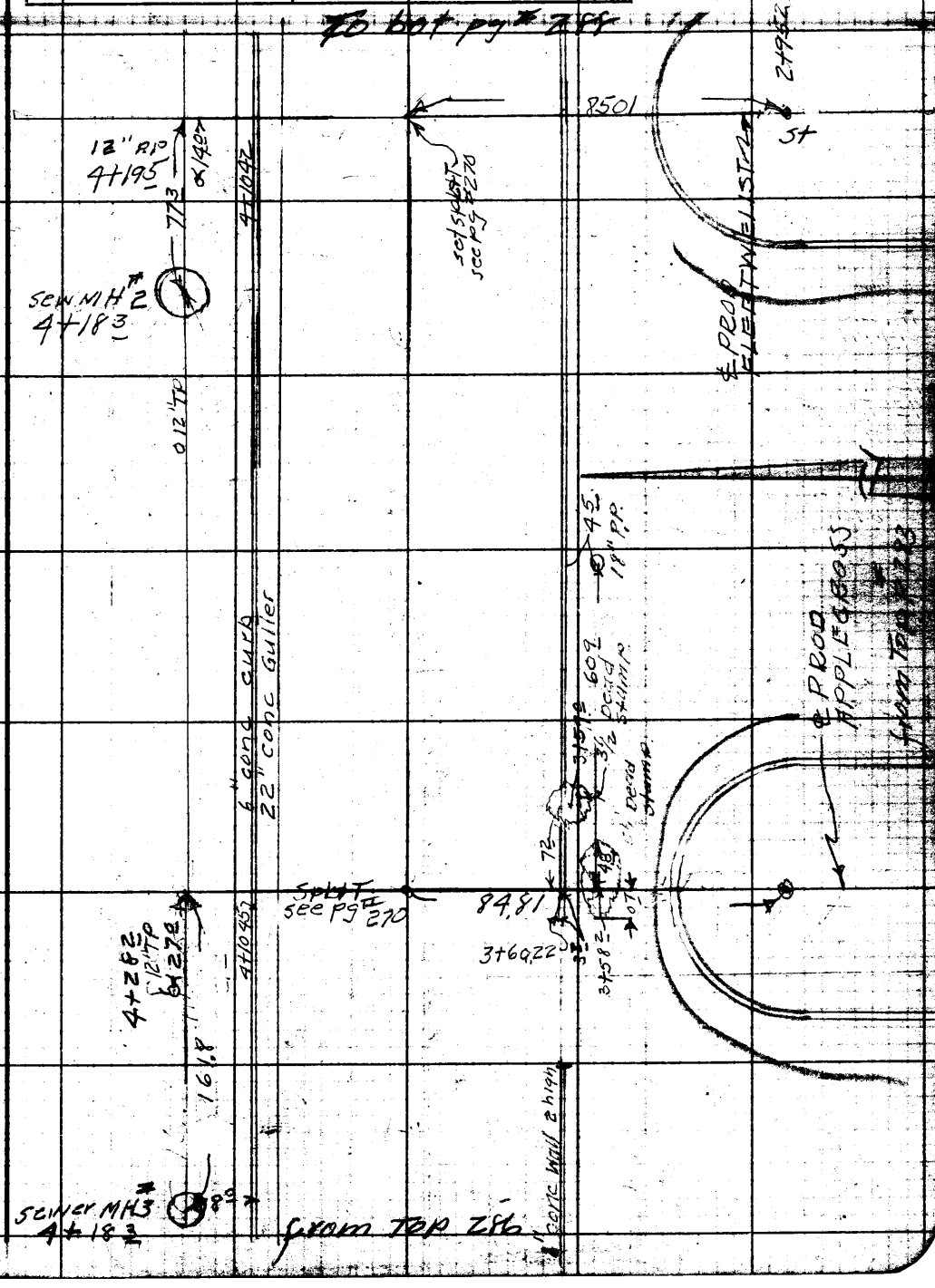


Notes Ck'd by	Survey of Bancwell Ave
Map No.	Tape Std. of
Office Work	Surveyed by R L Willey
Checked	Notes " Date 5-20-59
Date	Indexed C. Johnson

F. B. 2173 PG. 287



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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

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

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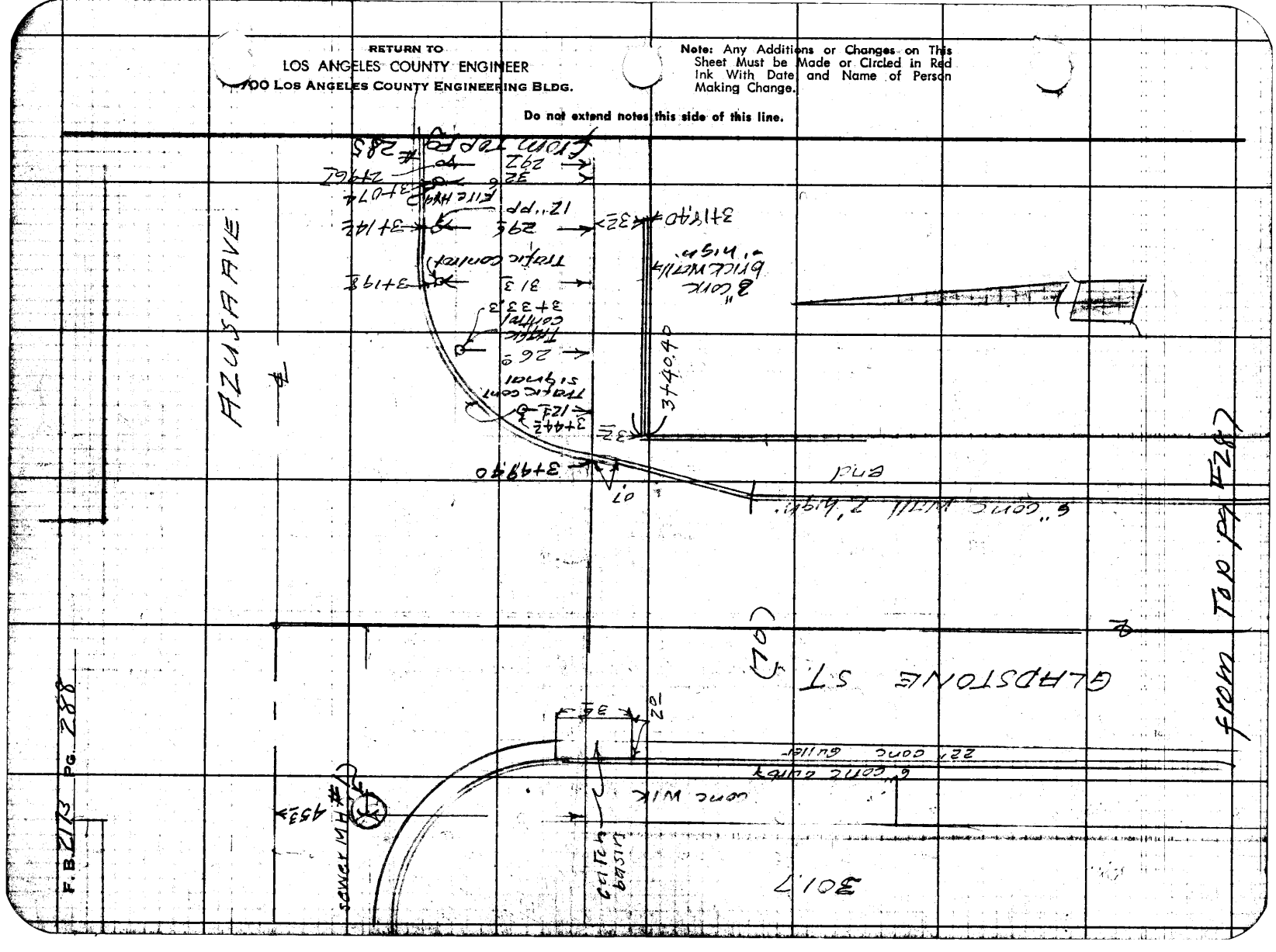

F. B. 2173 PG. 289

Profile No.	Notes Red.	Plotted	Job No. 2054.14	Division No.
	Date	Date	Survey of BANEWELL AVE SS	
X-Sec. No.	Notes Chkd.	Checked	Survey by RLWilley	Notes ETM Jr. Date 5-14-59
	Date	Date	Map No.	Indexed C. Johnson Date 5-28-59

JN 2054.14

BANEWELL AVE. S.S.

X-SECTIONS

on

ORKNEY ST.

Through Orange Orchard

To AZUSA AVE

Sketches Pg. 279 to 288

RLWilley
Markey
McCall
Swann

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

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76L-298 S & E #307—1-56

76L-298 S & E #807—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
BMHV 32				504.16'	BMHV 32 El. 504.158 FB2173-14 Orkney St. S. side 250'± East of Leaf Ave Bt. Spk in Curb Front of Hse #1715E	
1+00	Radius Point of Caldisac East End Orkney			503.9		℄ of Orkney
"				503.34'		18' Rt Gut
"				503.99'		" Curb
"				503.29	18 Lt Gut	
"				503.88	" Cb	
1+18				503.58	Gut on ℄	Prod of Orkney
"				504.25	Cb on ℄	" " "
+50				504.1		℄ " " "
"				503.9		20' Rt
"				504.3'	20' Lt	
2+	TP			504.28'		℄ Prod
"				504.2'		20'
"				504.5'	20'	
+50				504.7'		℄ Prod
"				504.7'		20'
"				504.9'	20'	
3+				505.4'		℄ Prod
"				505.2'		20'
				505.8'	20'	

F. B. 2173 Pg. 290

Job No. 2054.14 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of Bonewell Ave SS Date ____ Date ____ No. ____

Survey by RL Willey Notes Mankey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed R. C. Johnson Date ____ Date ____ Date ____ No. ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ Orkney Prod
3+27.1'				505.63'	6.1' Lt Gut	
"				506.32'	" " Cb	
3+33				506.0'		℄ Top A.C. Berm
3+34.7				505.7'		℄ Bot " "
3+50				505.7'		℄
"				505.8'		7.7 Rt Bot AC Berm
"				506.2		9.2 " Top " "
"				505.7'		20' Rt
"				505.34	9.8' Gut at Catch Basin	
"				506.32'	" Cb " " "	
3+59.94'	℄ Intr.			505.8'		℄
"	"			505.9'		12.0' Bot AC Berm
"	"			506.3'		13.5 Top " "
"	"			505.63'	15.5' Gut	
"	"			506.36'	" Cb.	
4+00				506.2'		℄
"				506.1'		11.2 Bot AC Berm
"				506.4'		12.7 Top " "
"				505.81	28.0 Gut	
"				506.47	" Cb	

Profile Notes Red. ____ Plotted ____ Job No. 2051.14 Division No. ____ F. B. 2173 Pg. 201
No. ____ Date ____ Date ____ Survey of Barnes Hill Ave 55
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-22-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	℄ of Orkney
4+50				506.4'	℄
"				506.3'	11² Bot A.C. Berm
"				506.5'	12² Top " "
"				505.93'	19⁰ Gut
"				506.57'	" Cb
5+00				506.5'	℄
"				506.4'	11² Bot A.C. Berm
"				506.7'	12² Top " "
"				505.97'	18' Gut
"				506.66'	" Cb
BM HV-54				506.69'	BM HV-54 EL FB 2173- Orkney St. & Rimsdale Ave. N.W. Cor. Bt. Spk in Cb. 5' W. of W. end C.R.
W. end C.R. N.W. Cor at Rimsdale				506.06'	18' Gut
" " " " " " "				506.70	" Cb.
N. " " " " " "				506.34	46' Gut
" " " " " " "				506.85	" Cb
5+72.02	℄ Intr Rimsdale & Orkney			506.6'	℄
"				506.5	11² Bot A.C. Berm
"				506.9'	12² Top " "
"				506.36	18' Conc X-Gut
"				506.7	50' on ℄ Rimsdale

F. B. 2173 PG. 292

Job No. 20414 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave SS Date Date No. X-Sec.
Survey by RL Willey Notes Mankey Jr Notes Chkd. Checked No.
Indexed K. O. Johnson Date Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ Orkney
N. end C.R.	N.W. Cor Rimsdale			506.41'	46' Lt Gut	
"	" "	" "	"	506.93'	" " Cb	
E.	" "	" "	"	506.34'	18' Gut	
"	" "	" "	"	506.97'	" Cb	
6+00				506.7		℄
"				506.6'		11.2 Bot Berm
"				507.0'		12.7 Top "
6+50				506.9		℄
"				506.7		11.2 Bot Berm
"				507.0'		12.7 Top "
"				506.44'	18' Gut	
"				507.11'	" Cb.	
7+00				507.00'		℄
"				506.9'		11.2 Bot Berm
"				507.3'		12.7 Top "
"				506.57'	18' Gut	
"				507.21	" Cb.	
7+50				507.2'		℄
"				507.1		11.2 Bot Berm
"				507.6		12.7 Top "

Profile Notes Red ____ Plotted ____ Job No. 2054-14 Division No. ____ F. B. 2473 Pg. 293
No. ____ Date ____ Date ____ Survey of Bauswell Ave SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes Fm. Date 5-22-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄ Orkney
7+50				506.69	18' Gut	
"				507.37	" Cb	
8+00				507.4'		℄
"				507.3'		11.2 Bot Berm
"				507.7'		12.7 Top "
"				506.88	15' Gut	
"				507.53	" Cb.	
BM HY-56				507.57	BM HY-56- EL FB 2173 Orkney St. & Applecross Ave N.W. Cor. Bt. spk in cb. 5' W. of W. end C.R.	
W. end C.R. N.W. Cor. Applecross Ave				506.92	18' Gut	
" " " " " "				507.58'	" Cb	
N " " " " "				507.47'	46' Gut	
" " " " "				507.97	" Cb	
8+52.04				507.7'		℄
"				507.6'		11.3' Bot A.C. Berm
"				508.1'		13.9 Top " "
"				507.42	18' Conc X Gut	
"				507.8	50' LT on ℄ Applecross	
N. end N.W. C.R. Applecross Ave				507.44	46' LT Gut	
" " " " "				507.93	" " Cb	
E " " " "				507.56	18' LT Gut	
" " " " "				508.21	" " Cb	

F. B. 2173 Pg. 294

Job No. 2054/4 Division No. Notes Red Plotted Profile

Survey of Banewell Ave SS Date Date No. X-Sec.

Survey by R.L. Willey Notes Mankey etc Notes Chkd Checked No.

Indexed K. C. Johnson Date Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Orkney
9+00				508.1'		℄
"				508.0'		11.3 Bot A.C. Berm
"				508.6'		12.9' Top " "
9+50				508.4'		℄
"				508.2		11.3 Bot A.C. Berm
"				509.0'		13.0' Top
"				508.65'	18' Lt Cb	
10+00				508.8		℄
"				508.6'		11.4 Bot A.C. Berm
"				509.5'		13.1' Top " "
"				509.05'	18' Lt. Cb.	
10+50				509.3		℄
"				509.1'		11.5 Bot A.C. Berm
"				510.1'		13.3' Top " "
"				509.43'	18' Lt. Cb.	
BM H.V.-58				509.91'	BM H.V. 58 EL FB 2173- Orkney St. & Fleetwell Ave N.W. Cor. Bt. Spk. in Cb. 5' W. of W. end CR	
W. end N.W.C.R. at Fleetwell Ave				509.23'	18' Lt Gut	
" " " " " "				509.92	" " Cb	
N " " " " "				509.93'	46' Gut	
" " " " " "				510.42'	" Cb	

Profile Notes Red ____ Plotted ____ Job No. 2054-64 Division No. ____ F. B. 2173 Pg. 295
No. ____ Date ____ Date ____ Survey of Barnewell Ave 55
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.L. Willey Notes E.T. Mills Date 5-22-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Orkney
11+32.05	℄ Intr Orkney & Fleetwell			510.3'		℄
"				510.2		11.5 Bot A.C. Berm
"				511.3		13.5 Top A.C. "
"				509.94	18' Conc X-Gut	
"				510.3	50' Lt on ℄ of Fleetwell Ave	
N. end N.E. CR. at Fleetwell Ave				510.00	46' Lt Gut	
" " " " " "				510.49	" " Cb	
E. " " " " " "				510.20	18' Gut	
" " " " " "				510.84	" Cb	
12+00				511.1		℄
"				511.0'		11.5' Bot A.C. Berm
"				512.0'		13.5' Top " "
"				511.21'	18' Cb	
12+50				511.9		℄
"				511.7		11.5' Bot A.C. Berm
"				512.7'		13.5 Top " "
"				512.04'	18' Cb	
13+00				512.8'		℄
"				512.7		11.5' Bot A.C. Berm
"				513.5'		13.5 Top " "
"				512.95'	18' Cb	

F. B. 2173 Pg. 296
Job No 2054.14 Division No
Survey of Banewell Ave SS
Survey by R.L. Willey Notes Mankey Jr
Indexed R. C. Johnson Date
Notes Red Plotted Profile
Date Date No
Notes Chkd Checked X-Sec.
Date Date No

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	℄ of Orkney
13+50				513.9'	℄
"				513.7'	11.5' Bo. AC Be
"				514.2'	13.0' Te
"				514.07'	18' Cb FB2173-275
BMHV60				514.80	BM HV 60 EL Orkney ST. & Azusa Ave. N.W. Cor. Bt. Spc. in Cb. 5.0' W. of W. end C.R.
13+73.4 W end N.W. C.R. at AZUSA AVE & Orkney				514.30	18' Gut
" " " " " " " "				514.96	" Cb.
14+01.4 N end " " " " " "				514.90'	46' Gut
" " " " " " " "				515.57	" Cb
14+29.8				516.5	℄
" N end C.R. of 5.0' Rad. W. side divider				516.63'	35.0' Gut
" " " " " " " "				517.26	" Cb
14+39.8' " " " " E, " "				516.90'	35.0' Gut
" " " " " " " "				517.54	" Cb
14+81.49 ℄ Int. Azusa & Orkney				518.2'	℄
"				517.7'	100'
"				518.6'	100'
BMHV.60				514.80'	See Above

Profile Notes Red. Plotted Job No. 2054-14 Division No.
No. Date Date Survey of Banewell Ave SS
X-Sec. Notes Chkd. Checked Survey by R.L. Wing Notes Ethel Date 5-22-59
No. Date Date Map No. Indexed C. Johnson

F. B. 2173 Pg. 2[illegible]

F. B. 2173 Pg. 298

Job No. 2054.1 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Banewall Ave SS Date _____ Date _____ No. _____

Survey by R.L. Willey Notes Mankey Jr. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 S & E #307—1-56

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F. B. 2173 Pg. 2[illegible]

Profile No. | Notes Red. Date | Plotted Date | Job No. 2054.14 Division No. | Survey of Banewell Ave SS
X-Sec. No. | Notes Chkd. Date | Checked Date | Survey by R.L.Willey Notes E.M.J. Date 5-22-39 | Map No. Indexed F. C. Johnson Date

2054.14

BANEWELL AVE S.S.

X-SECTIONS

on

RIMSDALE AVE FROM

ORKNEY ST. TO GLADSTONE ST

Sketch Pg 282

Willey
Markey
McCall
Swann

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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Rimsdale
BMHV-54				506.69'	BM HV 54 E.L. FB 2173- Orkney St. & Rimsdale Ave N.W. Cor. Bt. Spk. in Cb. 5' W. of W. end G.R.	
1+00	℄ Int. Rimsdale & Orkney			506.6'		℄
"				506.8'		50'
"				506.6'	50'	
1+18				506.36'		℄ Conc. X-Gut
E end N.E. G.R. at Orkney				506.34'		41' Gut
E " " " " "				506.98'		" Cb
N " " " " "				506.40		13' Gut
" " " " "				506.94		" Cb
W " N.W. " "				506.04'	41' Gut	
" " " " "				506.67'	" Cb	
N " " " " "				506.33'	13' Gut	
" " " " "				506.86'	" Cb	
1+50				506.7'		℄
"				506.41		13' Gut
"				506.91'		" Cb
"				506.34'	13' Gut	
"				506.87'	" Cb	
2+00				507.0'		℄
"				507.08'		13' Cb
"				507.08'	13' Cb	

F. B. 2173 PG. 300 Job No. 2054.14 Division No. Notes Red. Plotted Profile
Survey of Banewell Ave 55 Date No. X-Sec.
Survey by R.L. Wilkins Mankey Jr Notes Chkd. Checked
Indexed C. Jolly Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Rimsdale
2+50				507.4'		℄
"				507.32'		18.3 Cb.
"				507.27'	18.3 Cb.	
2+95.15	Caldisac Radius Pt. N. end Rimsdale			507.6'		℄
"				506.98'		28' Gut
"				507.51'		Cb
"				507.00	28' Gut	
"				507.52'	" Cb	
3+23.15				507.07'		℄ Gut
"				507.56'	w	℄ Cb
3+25	at toe of Bank			508.6'		℄ Prod
"	" " " "			508.5'		25'
"	" " " "			508.6'	25'	
BM HV 55				507.58'		
3+36	at Top of Bank So. side Gladstone			515.0'		℄
"				515.2'		25'
"				515.4'	25'	
3+49.6'	Top Conc Wall			515.46'		℄
"	So. edge pav Gladstone			515.0		℄
"	Top Conc Wall			515.57		25' Top Conc Wall
"	So. edge pav. Gladstone			514.7		25'

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2054.14 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Barnewell Ave. SS
Notes Chkd. ____ Checked ____ Survey by R.L. Kelley Notes Chkd. ____ Date 5-22-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. 2173 PG. 301

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Rimsdale
3+49.6	So. edge pav, Gladstone			515.4'	25'	
3+70.23	℄ Intr. Rimsdale & Gladstone			515.4'		℄
"				514.5'		50'
"				514.4'		100'
"	at East side F.C. Bridge			515.5'	36'	
BM HV-55				507.58'	BM HV-55 El. FB 2173 Rimsdale Ave, N. end Bt. Spk in Cb. 5' E. of ℄ prod N. side cold sac	
4+10.5	INVERT 72" Corrigated I.P.			505.37'		56' RT
BM HV-55				507.58'	(See Above.)	

F. B. 2173 Pg. 302

Job No. 2024.14 Division No. Notes Red. Plotted Profile

Survey of Bancwell Ave 55 Date No. X-Sec.

Survey by R.L. Willey Notes Mankey Jr. Notes Chkd. Checked No.

Indexed E. C. Johnson Date Date

F. B. 2173 PG. 303

Profile No.	Notes Red.	Plotted	Job No. 2054.14	Division No.
	Date	Date	Survey of Banewell Ave SS	
X-Sec. No.	Notes Chkd.	Checked	Survey by R. Willey	Notes E.R.M.J. Date 5-25-59
	Date	Date	Map No.	Indexed K. C. Johnson Date

JN 2054.14

BANEWELL AVE. SS.

X-SECTIONS
on
APPLECROSS AVE.
from
ORKNEY ST. to GLADSTONE ST.

Sketches Pg 283

Willey
Mankey
McCall
Ciochon

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

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76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Applecross
BM HV 56				507.57'	BM HV 56 EL FB 2173 Orkney St. & Applecross Ave N.W. Cor. Bt. Spk. in Cb. 5' W. of W. end C.R.	
1+00	℄ Intr Orkney ST & Applecross			507.7		℄
"				508.2'		50'
"				507.4'	50'	
E. end N.E. C.R. at Orkney				507.56'		41' Gut
" " " " "				508.21'		" Cb
N " " " "				507.44'		13' Gut
" " " " "				507.93'		" Cb
1+18				507.42'		℄ Conc X-Gut
W. end N.W. C.R. at "				506.91'	41' Gut	
" " " " "				507.58'	" Cb	
N " " " "				507.46'	13' Gut	
" " " " "				507.96'	" Cb	
1+50				507.8'		℄
"				507.47'		13' Gut
"				507.95		" Cb
"				507.49	13' Gut	
"				507.98	" Cb	
2+00				508.1		℄
"				508.30'		13' Cb
"				508.34'	13' Cb	

F. B. 2173 PG. 304

Job No. 205414 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of Banewell Ave SS. Date ____ No. ____ X-Sec. ____

Survey by RL Willey Notes Monkey Jr. Notes Chkd. ____ Checked ____ No. ____

Indexed C. Johnson Date ____ Date ____ Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Applecross
2+50				508.5'		℄
"				508.44'		18.3' Cb
"				508.45'	18.3' Cb	
2+95.47	Caldisas Rad. Pt			508.7'		℄
"				508.07'		28' Gut
"				508.61'		" Cb
"				508.03'	28' Gut	
"				508.59'	" Cb	
3+23.47				508.13'		℄ Gut
"				508.66'		℄ Cb
3+38	at toe of Bank			510.0		℄
"				510.5'		25'
"				509.9'	25'	
3+46	Top of Bank			515.0'		℄
"				514.9'		25'
"				514.5'	25'	
3+60	So. edge par. of Gladstone			514.5'		℄
"				514.5'		10' Par
"				516.35'		" Top Conc Wall
"				514.5'		25' Par
"				516.15'		" Top Conc Wall

Profile Notes Red. ____ Plotted ____ Job No. 20541 Division No. ____ F. B. 2173 Pg. 30
No. ____ Date ____ Date ____ Survey of Banewell Ave SS
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-25-[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Applecross
3+60 Soledgepar Gladstone				514.3	25'	
3+80.28 ℄ Intr Applecross & Gladstone				514.6'		℄
"				514.8		50'
"				515.0'		100'
"				514.4'	50'	
"				514.3'	100'	
4+10.25 N. Cb. of Gladstone				513.96		℄ Prod Gut
" " " "				514.61		℄ Prod Cb
" " " "				514.28		50' Gut
" " " "				514.86		" Cb
" " " "				513.77'	50' Gut	
" " " "				514.42'	" Cb	
4+18.5 MH #2 209.9' RT ℄ Prod Applecross				515.87'	See pg 310 for minus rods etc.	
Invert on 21" Inlet on East				505.86'		
" " " Outlet to West				505.77'		
4+18.5 MH #3 161.8' LT ℄ Prod Applecross				Rim Elev 514.41'	21" Inlet East 514.41 / 8.99 / 505.42 / 1.75 / 503.67	21" Outlet West 514.41 / 9.27 / 505.14 / 1.75 / 503.39
Invert on 21" Inlet on East				503.67'		
" " 21" Outlet to West				503.39'		
BMHV 57				508.70'	BMHV57 EL Applecross Ave N. end Bt. Spk 5.0' E. ℄ Prod N. side Cold. sec	FB 2173-

F. B. 2173 PG. 306

Job No. 2054.14 Division No. Notes Red. Plotted Profile

Survey of Banewell Ave SS Date No. X-Sec.

Survey by R. L. Willey Notes Mankey Jr. Notes Chkd. Checked

Indexed C. Johnson Date Date No.

F. B. 2173 PG. 30

Profile No.	Notes Red.	Plotted	Job No. 2054.14	Division No.
	Date	Date	Survey of Banewell Ave SS.	
X-Sec. No.	Notes Chkd.	Checked	Survey by R. L. Willey	Notes [illegible] Date 5-14-59
	Date	Date	Map No.	Indexed L. C. Johnson Date

JN 2054.14

BANEWELL AVE SS.

X-SECTIONS

on

FLEETWELL AVE.

from

ORKNEY ST. to GLADSTONE ST

Sketch Pg. 284

Willey
Mankey
McCall
Crochon

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Fleetwell
BMHV 58				509.91'	BMHV58 EL FB2173- Orkney ST & Fleetwell Ave N.W. Cor, Bt. Spk in cb. 5° W. of W. end CR.	
1+00	℄ Intr, Orkney & Fleetwell			510.3'		℄
"				510.9'		50'
"				509.8'	50'	
1+18				509.95		℄ Conc X-Gut
E. end N.E. CR at Orkney				510.20'		41' Gut
" " " " " "				510.85		" Cb
N " " " " "				510.00'		13' Gut
" " " " " "				510.49'		" Cb
W " NW " " "				509.24'	41' Gut	
" " " " " "				509.98'	" Cb	
N " " " " "				509.92'	13' Gut	
" " " " " "				510.41	" Cb	
1+50				510.3		℄
"				510.03		13' Gut
"				510.50		" Cb
"				509.95	13' Gut	
"				510.43'	" Cb	
2+00				510.5		℄
"				510.65'		13' Cb
"				510.63'	13' Cb	

F. B. 2173 PG. 308

Job No. 2054.14 Division No. Notes Red. Plotted Profile
Survey of Barewell Ave SS. Date Date No. X-Sec.
Survey by RL Willey Notes Mankey Jr Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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3+80

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Fleetwell
2+50				510.8'		℄
"				510.76'		18.3' Cb
"				510.80'	18.3' Cb	
2+95.23				511.0'		℄
"				510.45'		28' Gut
"				510.91'		Cb
"				510.42'	28' Gut	
"				510.96'	" Cb	
3+ 23.23				510.59'		℄ Gut
"				511.09'		℄ Cb
BM HV 59				511.13'		
3+38	at Toe of Bank			512.3		℄
"	" " "			512.5		25'
"	" " "			512.1'	25'	
3+48	at Top of Bank			515.7'		
"	" " "			515.9'		
"	" " "			515.5'		
3+59.8'	So. edge par at Gladstone			515.9'		℄
"	Top Wall			516.80'		℄ Top of Conc Wall
"	So edge par			516.0		25'
"	Top Wall			517.05		" Top Conc Wall

Profile Notes Red ____ Plotted ____ Job No 2058 Division No. ____ F. B. 2173 Pg. 309
No. ____ Date ____ Date ____ Survey of Bazewell Ave 55
X-Sec. Notes Chkd. ____ Checked ____ Survey by R. Willey Notes CTM Date 5-25-59
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

76L-298 S & E #307—1-56

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F. B. 2173 Pg. 3/0 Job No 20548 Division No. Notes Red. Plotted Profile
Survey of Bonnie Vale Area SS Date No X-Sec.
Survey by R.L. Wright & C. Jackson & Notes Mabury Jr. Date Notes Chkd. Checked No.
Indexed Date Date

STATION	B. S.	H. I.	F. S.	ELEV.				
							℄ of Fleetwell	
3+59.8	So. edge pvt.			515.8'	35' Pvr			
"	Top Wall			516.60'	25' Top Conc Wall			
3+80.24	℄ Intr. Fleetwell & Gladstone			516.2'			℄	
"				516.5'				50'
"				516.8'				100'
"				515.8		50'		
"				515.5'				
4+10.2				515.55	100'		℄ Gut	
4+10.2				516.17			℄ CL	
"				515.92				50' Gut
"				516.56				" CL
"				515.11		50' Gut		
"				515.53		50' CL		
4+185	JC #1 301.7' Rt		℄ Prod of Fleetwell	518.16 W Rim 518.22 S Rim	Inlet N.		8" Stub E.	Outlet W.
	Invert on 21" Inlet on North			508.12	518.18' Rim EL		518.18'	518.18'
	" " 8" Stub " East			509.05'	8.31 Rim to Invert Top Pipe		8.46'	8.34'
	" " 21" Outlet to West			508.09'	509.87		509.72	509.84
				Rim EL	1.75 Size Pipe		.67	1.75
4+185	MH #2 77.3' Lt		℄ Prod of Fleetwell	515.87	508.12 Invert		509.05	508.09
	Invert on 21" Inlet on East			505.86'	Inlet E		Outlet W.	
	" " 21" Outlet to West			505.77	515.87		515.87	
					8.26		8.35	
					507.61		507.52	
					1.75		1.75	
					505.86 Invert		505.77	
BM HV-59				516.13'	BM HV 59 EL Fleetwell Ave N end 61 Spk 5' E of ℄ Rd. N. side Cal. sac		FB 2178	

F. B. 2173 Pg. 51

Profile No. ____ Notes Red ____ Date ____ Platted ____ Date ____ Job No. 205414 Division No. ____

X-Sec. No. ____ Notes Chkd ____ Date ____ Checked ____ Date ____ Survey of Baldwin Ave. SS. Survey by C. Willey Notes C. Willey Date 7-26-55 Map No. ____ Indexed C. Johnson

JN 205414

BALDWIN AVE. SS.

X-SECTIONS

on

AZUSA AVE

From

OLIVE ST to CHADSTONE ST.

Sketch Pg 285

Willey
Manley
McCall
Crochon

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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ of Azusa Ave
BM H.V. 60				514.80'	BM HV 160 EL FB 2173 Orkney St. & Azusa Ave N.W. Cor. Bt. Spk in Cb 52' W. of W. end. C.R.	
1+00	℄ [illegible] Orkney & Azusa			518.3'		℄
"				518.72	1.6' Cb	
"				518.53	7.6' Cb	
"				518.0	8.0' pav	
"				516.8	42.2' pav	
"				515.5	30.06 pav	
W. [illegible] N.W. C.R.				514.30'	108' Gut	
" " "				514.95'	" Cb	
N				514.92	80.0' Gut	
				515.56	" Cb	
1+34.4				516.91	42' Gut	
"				517.53	42' Cb	
"				517.28	52' Cb	
"				516.63'	52' Gut	
1+50				518.5'		℄
"				518.96	3.0' Cb	
"				518.69	7.6' Cb	
2+00				518.7'		℄
"				519.13	3.0' Cb	
"				518.85	7.6' Cb	

F. B. 2173 PG. 312

Job No. 2054.14 Division No. Notes Red Plotted Profile

Survey of Bauwell Ave 53 Date Date No. X-Sec.

Survey by [illegible] Notes Mankey Notes Chkd. Checked

Indexed C. Johnson Date Date Date No.

76L-298 S & E #307-[illegible]6

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STATION	B. S.	H. I.	F. S.	ELEV.		℄ Azusa Ave
2+00				518.3'	80' Pav	
				517.00	42' Gut	
				517.64	42' Cb	
				516.72	52' Cb	
				515.05	80.5' Gut	
				515.69	" Cb	
2+50				518.8		℄
"				519.27	30' Cb.	
				519.01	75' Cb.	
				518.5	80' pav	
				517.21	42' Gut	
				517.84	" Cb	
				516.79	52' "	
				515.11	93' Gut	
				515.78	" Cb	
2+90.4				517.58	42' Gut	
"				518.22	" Cb.	
				516.90	52' Cb.	
				516.27	" Gut	
	at 28'	Rad Point		515.8'	80' Pav	
				515.33	108' Gut	

Profile Notes Red ____ Plotted ____ Job No. 2054 Division No. ____ F. B. 2173 Pg. 313
No. ____ Date ____ Date ____ Survey of Bonn Ave SE
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. 2173 Pg. 314

Job No. 2054 Division No. Notes Red. Plotted Profile

Survey of Bauer Ave SS Date Date

Survey by R L Willey Notes Manley Inc Notes Chkd. Checked

Index H. C. Johnson Date Date Date

3+18.4				515.74		80' Gut
"				516.44		" Cb
	S. end S.W. C.R.	Azusa Ave & Gladstone St		517.85		42' Gut
"	"	"	"	518.50		" Cb
W	"	"	"	517.97		77' Gut
"	"	"	"	518.62		" Cb
℄ Intr		"	"	518.9		℄
W. end N.W. C.R.		Azusa Ave & Gladstone		517.30		75' Gut
"	"	"	"	518.04		" Cb
N	"	"	"	517.90		42' Gut
"	"	"	"	518.59		" Cb
M.H.	See Nectar Ave X-Sections			FB 2173 Pg. 310		45.5 Lt. M.H.
BM HV 61				516.90	BM HV 161 EL	FB 2173 -