E Nastia

Survey of Lawndale S.D.
JN 6150.01 Tape 021 Std 69 °F
Surveyed by Monkey Jr
Notes ETWN Date 1.13.65
Indexed

F. B. 2592 PG. 5

JN 6150.01

LAWNDALE S.D.

(E) & (D) OF PROJECT NO 5001

& CHECK IN

INGLEWOOD AVE; 145TH ST TO 149TH ST

147TH ST; INGLEWOOD AVE TO HAWTHORNE AVE.

CONDON AVE; 145TH ST TO 149TH ST.

FIRMONA; 145TH ST. TO 149TH ST.

Monkey Jr
Smiley
Monkey
Love
Merino

Microfilmed Feb. 86

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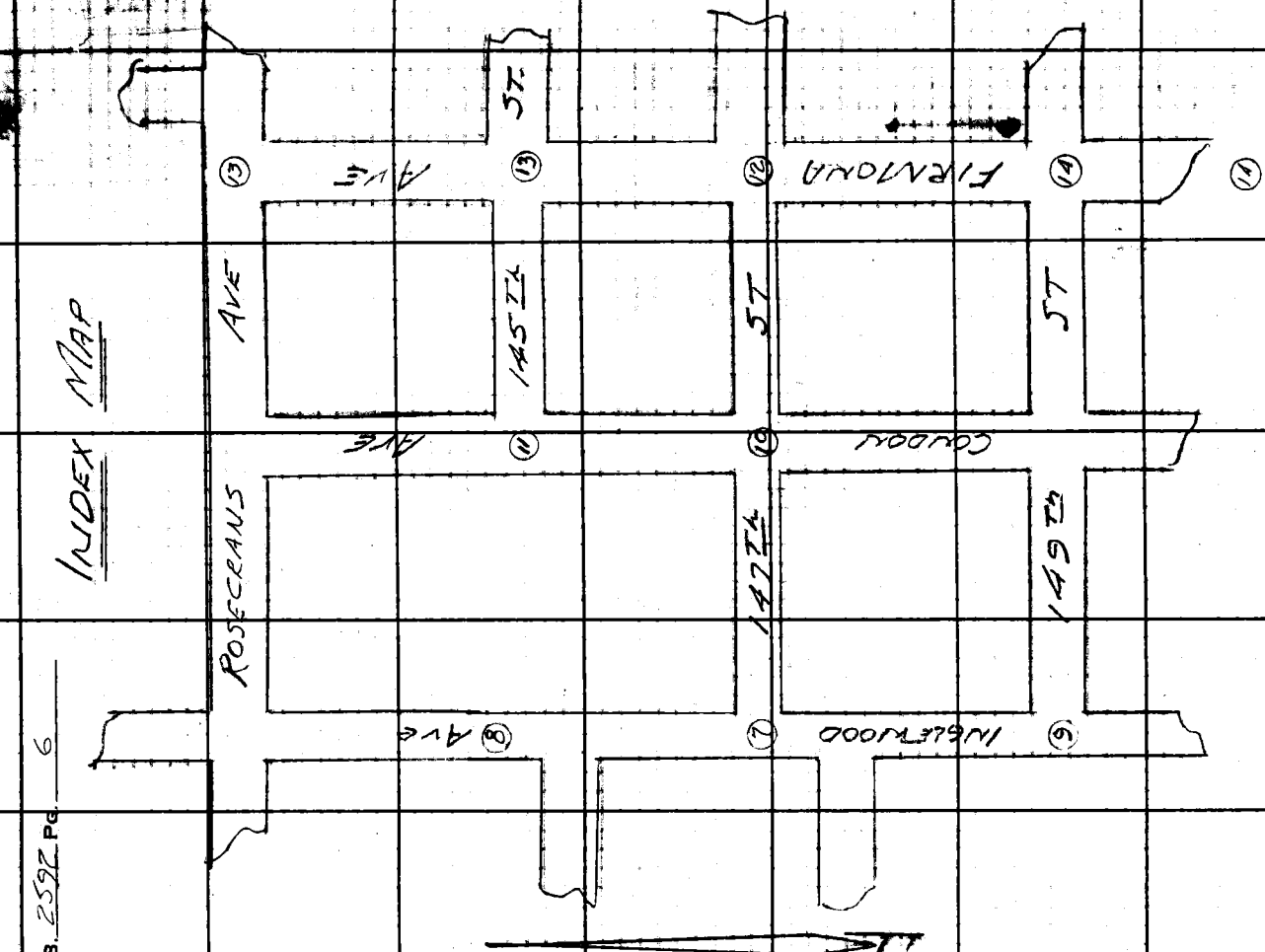
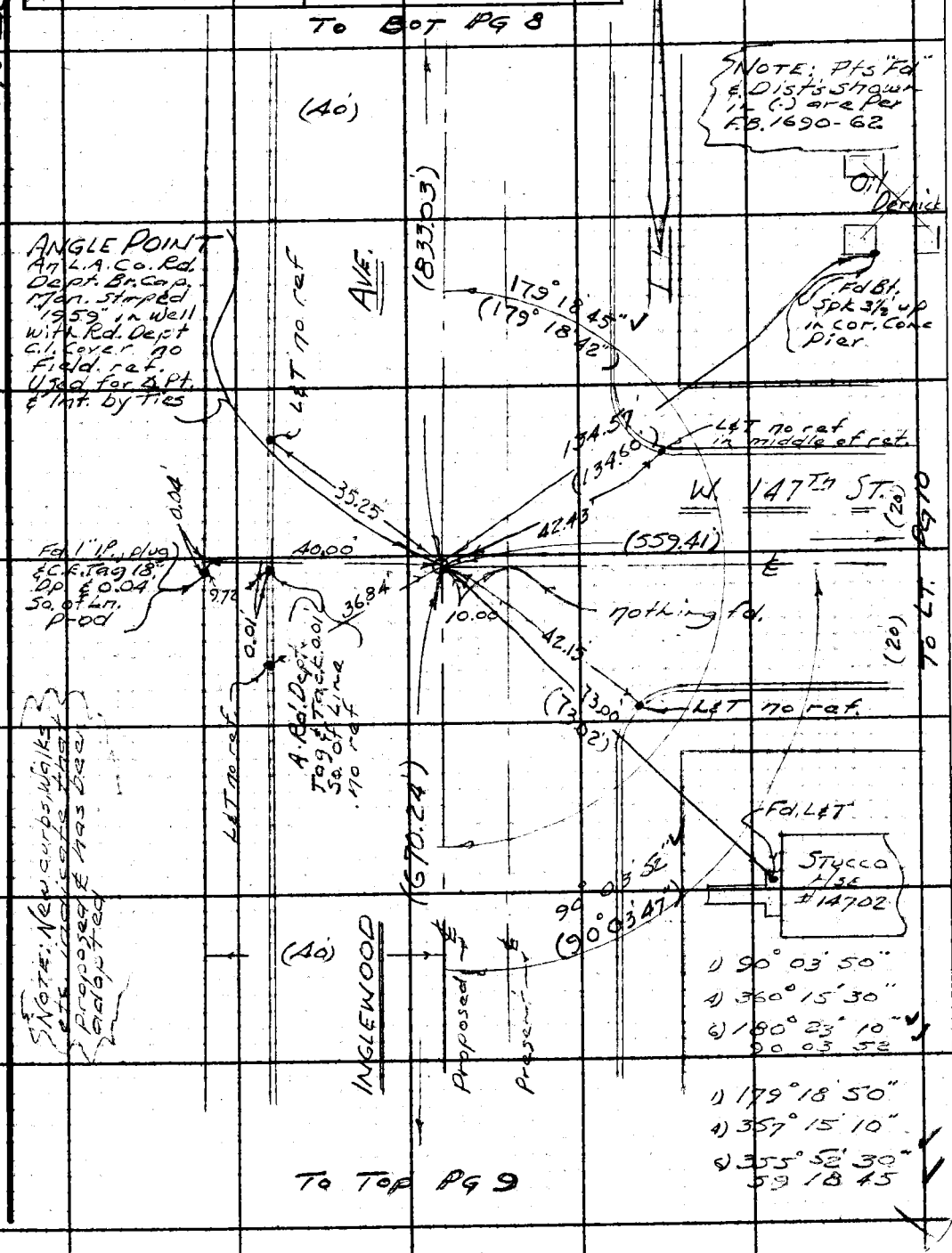
INDEX MAP



F. B. 2592 Pg. 6

Notes Ck'd by H.E. Austin	Survey of Lawndale S.D.	F. B. 2592 Pg. 7
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 1-14-65	
Date	Indexed C. I. GALLI	

W.S. 25, C-2



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7-8-65 CE #310 6-63

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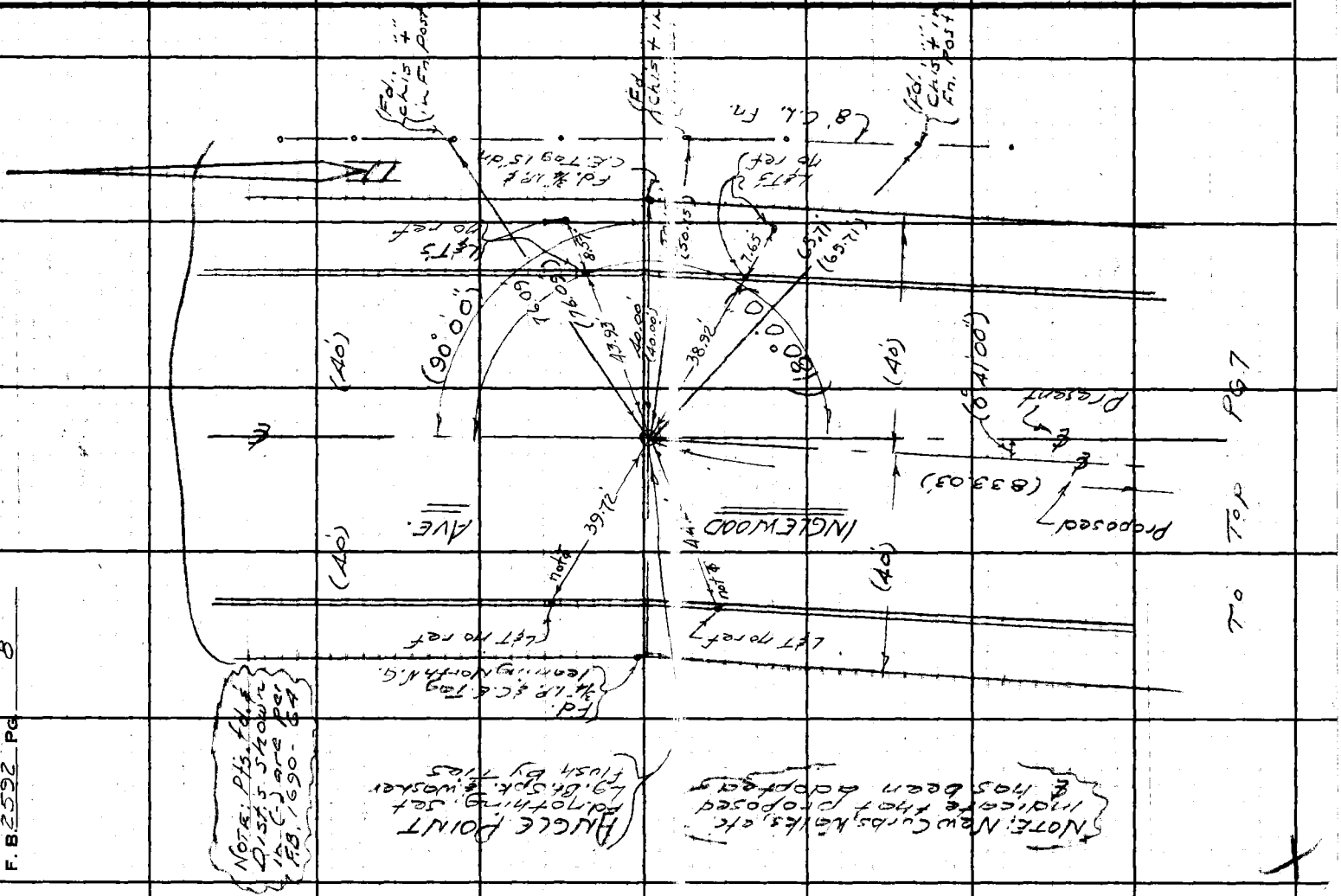
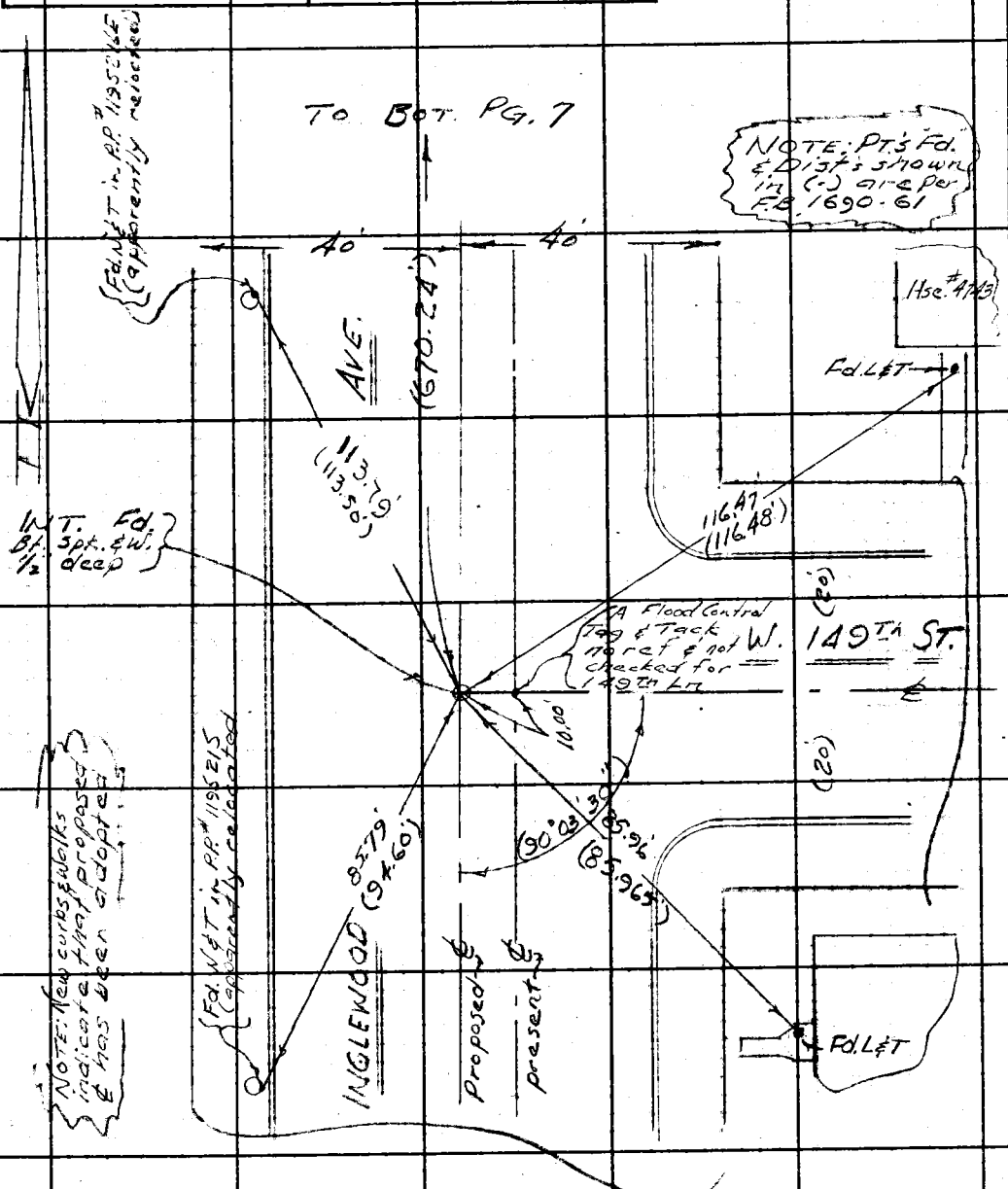


Notes Ck'd by H.E. Austin	Survey of Lawndale S.D.	F. B. 2592 PG. 9
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr	
Checked	Notes ETM Date 1-14-65	
Date	Indexed C. J. GALLO	

W.S. 25, C-2



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76F309S CE #310 6-63

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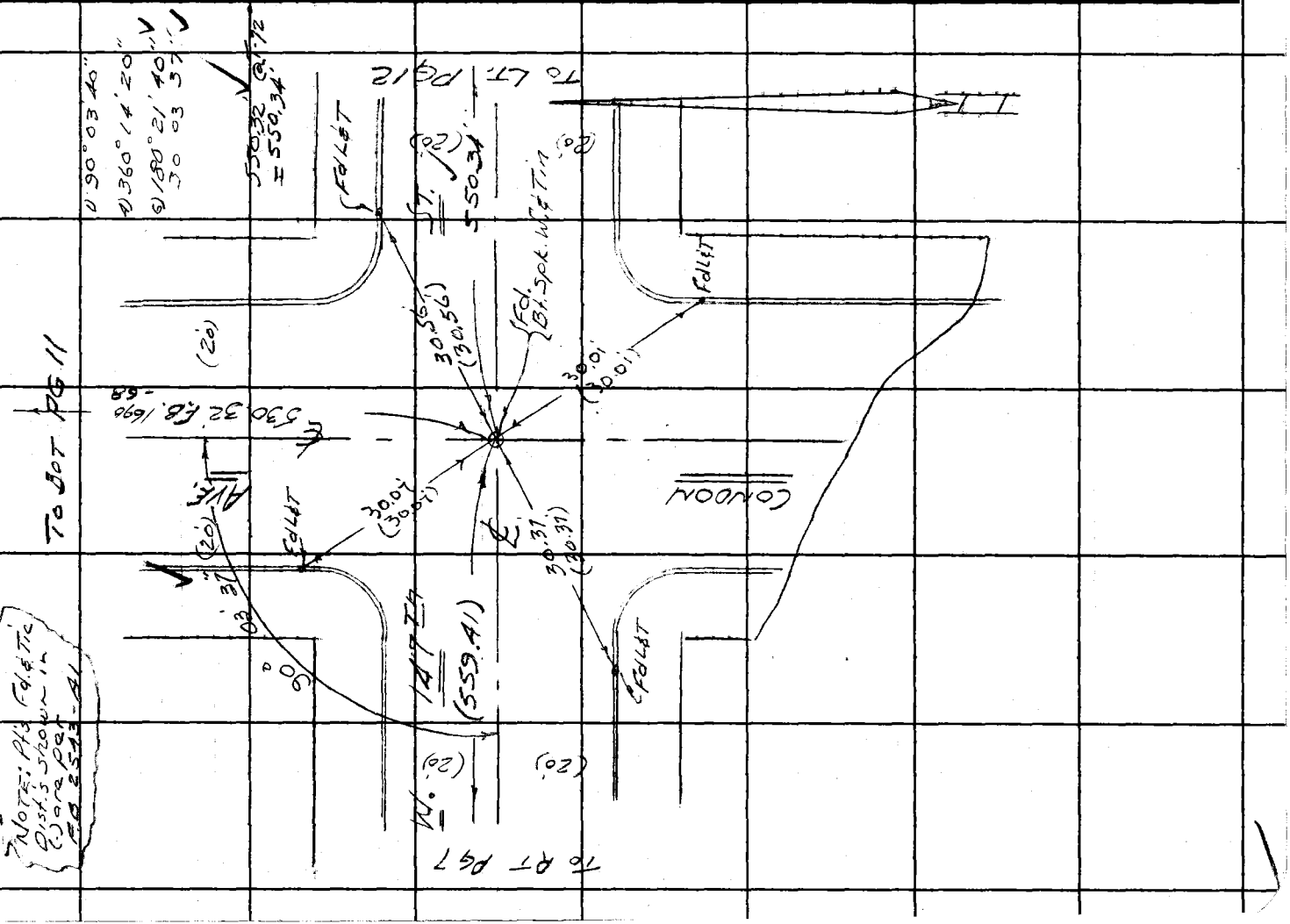
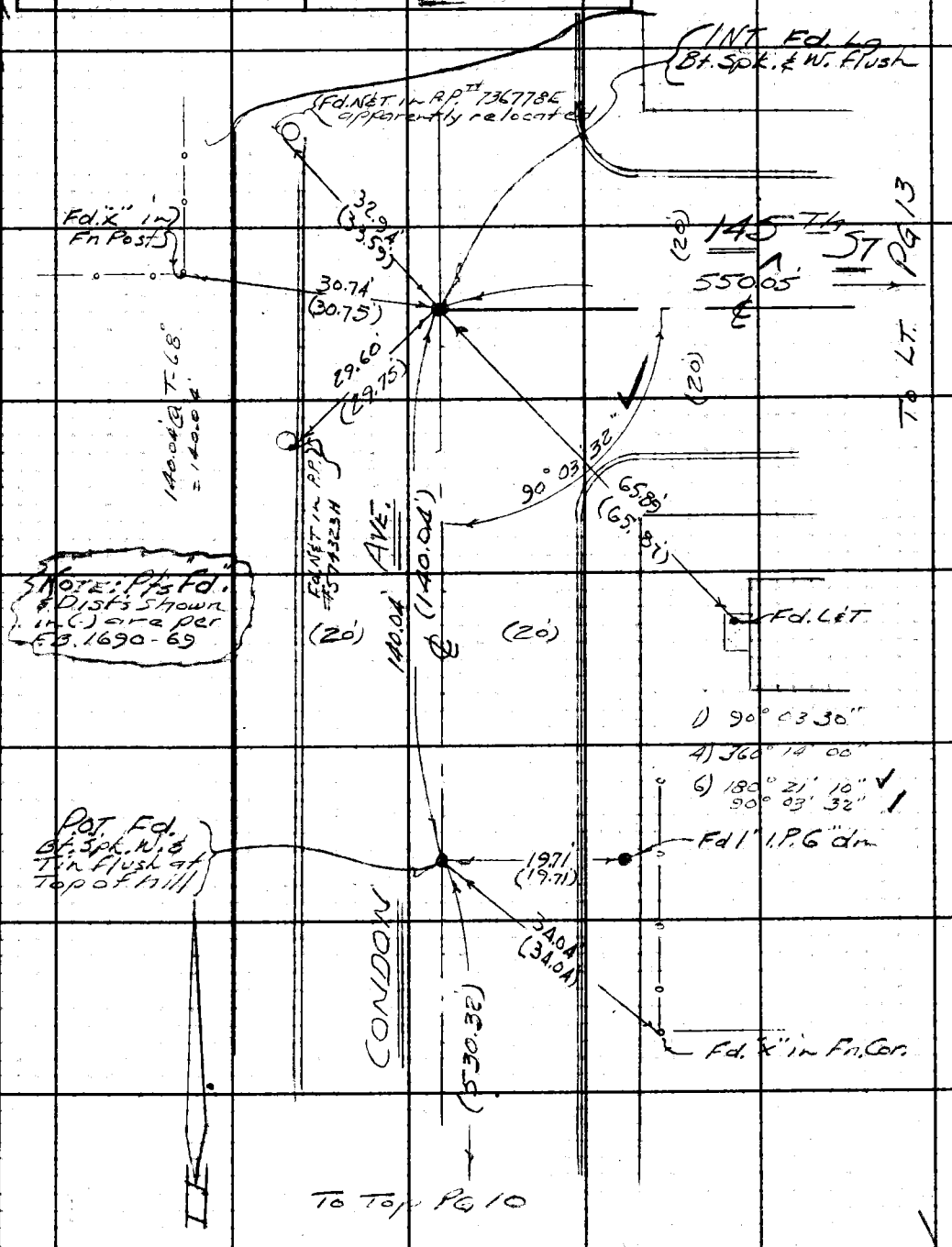
W.S. 2-2, E-2



Notes Ck'd by H.E. Austin	Survey of Lawndale S.D.	F. B. 2592 PG. 11
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 1-14-65	
Date	Indexed G. J. GALLI	

W.S. 25 C-2



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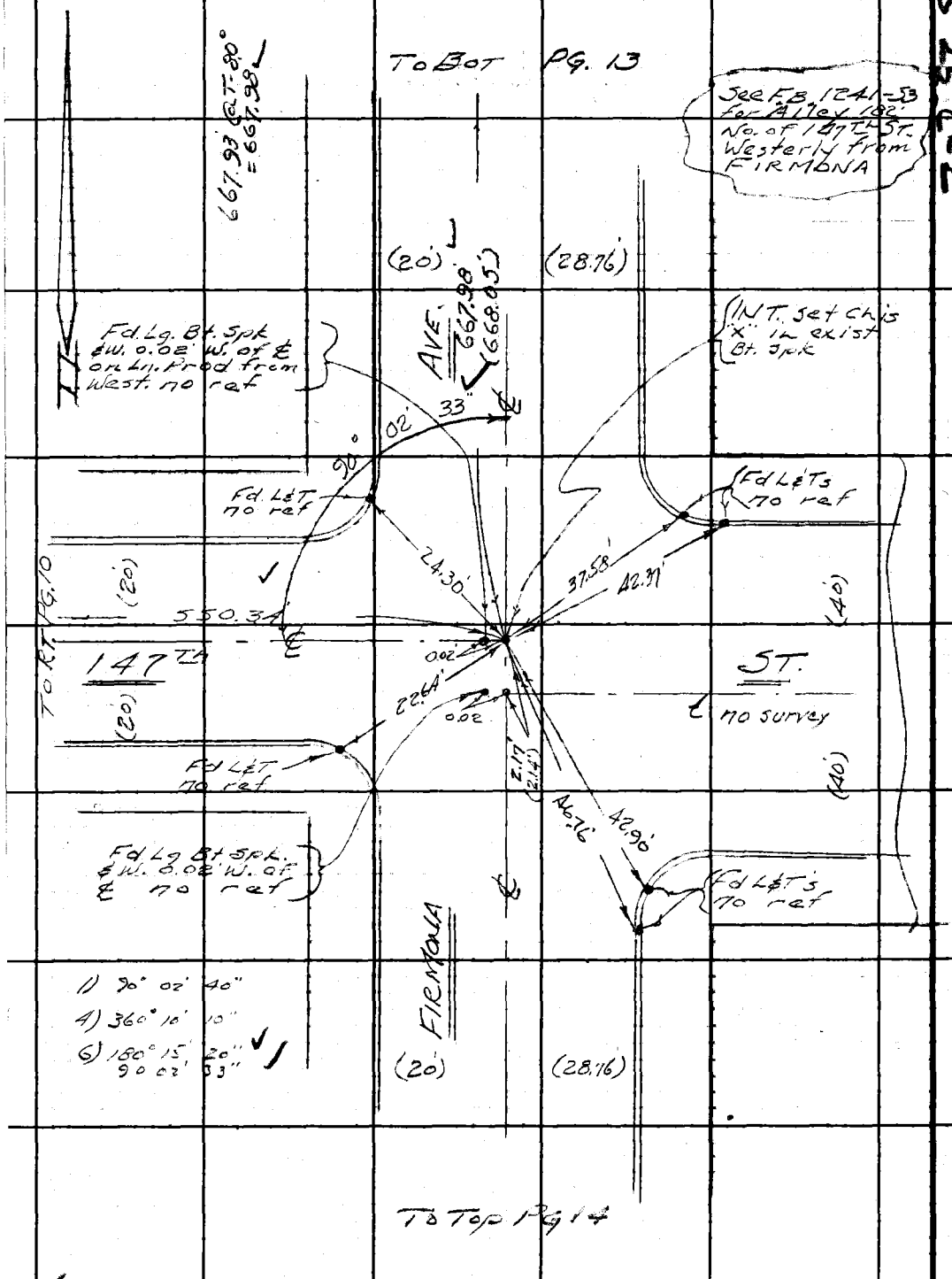
76F309S CE #310 6-63

F. B. 2592 PG. 12



W.S 25 C-2

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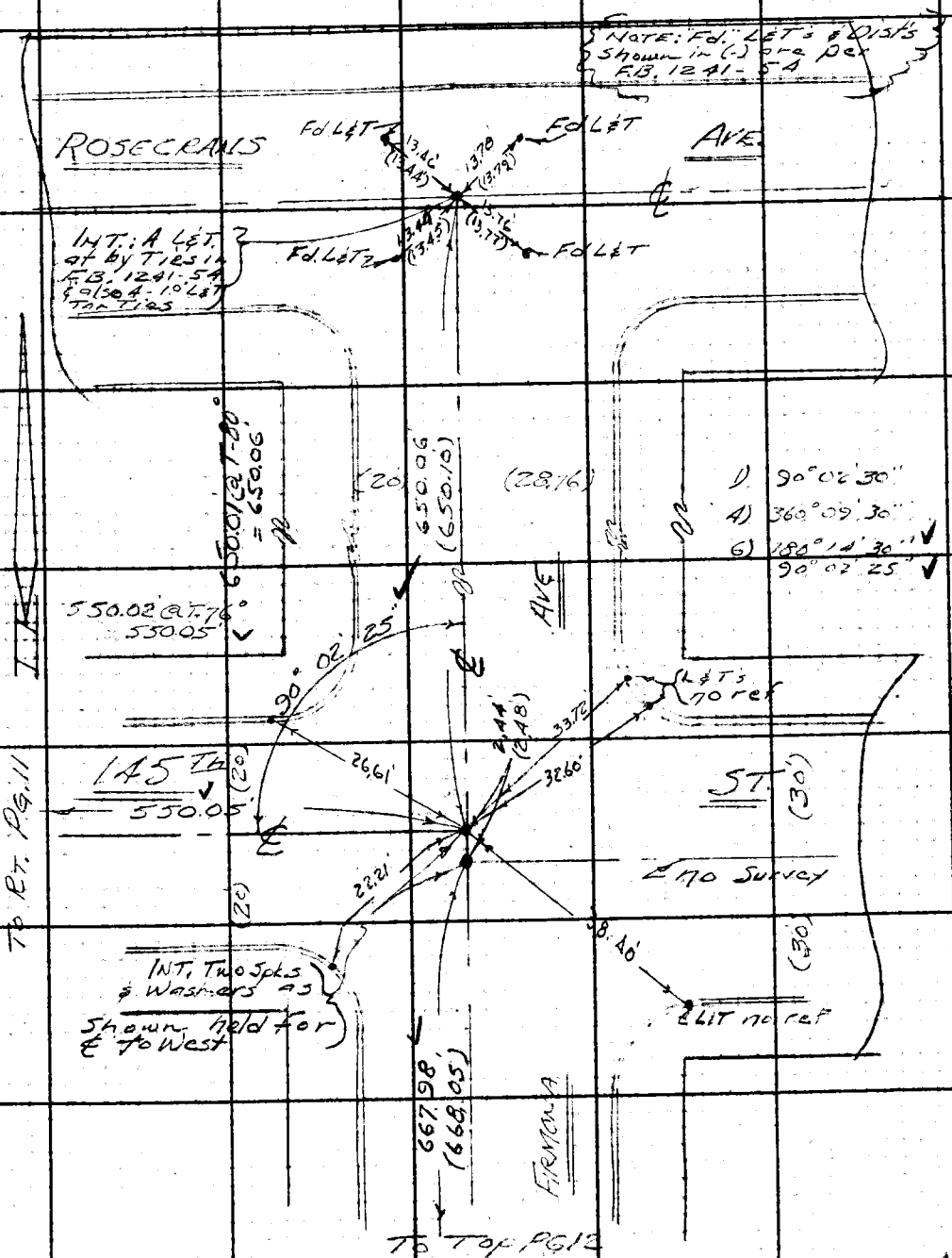
Notes Ck'd by H.E. Austin	Survey of Lawndale S.D.	F. B. 2592 PG. 13
Map No.	JN 615001 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes E T M Jr. Date 1-15-65	
Date	Indexed C. J. GALLI	

WS. 25, C-2



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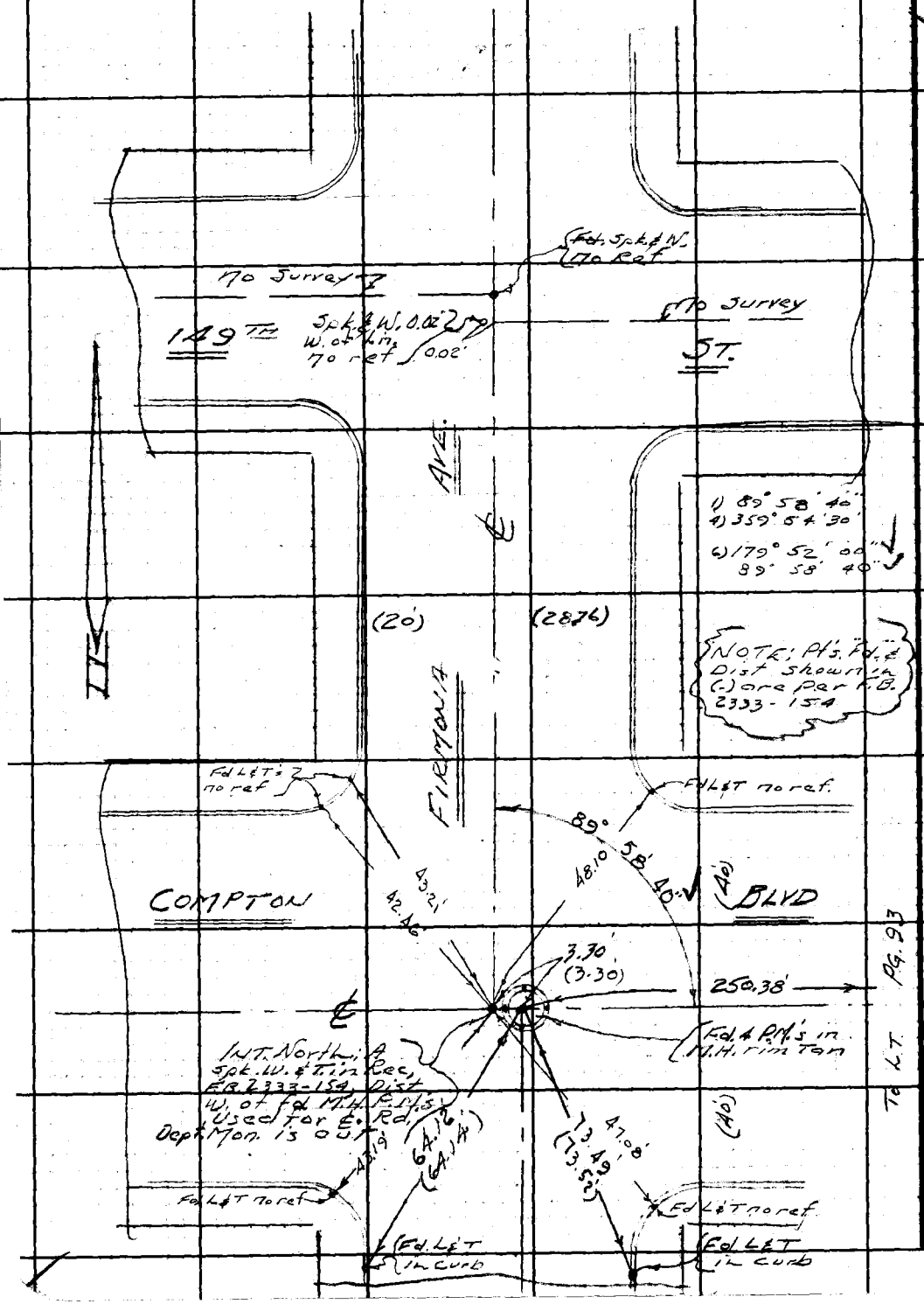
76F3099 CE #310 6-63

F. B. 2592 PG. 14 To BOT PG. 12

WS. 25, C-2



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NOTES RED _____ JOB NO. 6150.01 SURVEY OF Lawndale S.D.
DATE _____ SURVEY BY Mankey Jr.
NOTES CHKD. Miller NOTES BY ETM Jr. DATE Jan. 19, 1965
DATE Feb. 65 INDEXED C. J. GALLI DATE [illegible]

F. B. 2592 PG. 15

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 6150.01						
LAWNDALE S.D.						
BENCH LEVELS						
PRECISE LEVEL NET-LINE #55 DATUM						
Mankey Jr. Smiley Manley Love, Merino						

NOTES RED. JOB NO. 6150.01 SURVEY OF Lawndale S.D.
DATE SURVEY BY Mankey Jr.
NOTES CHKD. Miller NOTES BY ETM Jr. DATE Jan. 19, 1965
DATE Feb. 65 INDEXED C. J. GALLI DATE

F. B. 2592 Pg. 15

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 6150.01						
LAWNDALE S.D.						
BENCH LEVELS						
PRECISE LEVEL NET-LINE #55 DATUM						
Mankey Jr. Smiley Mankey Love, Merino						

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

NOTE: ANY REFERENCE OR CHANGES [illegible] IN THIS LINE, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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765420 S & E-283, 4-64

765420 S & E-308 [illegible]

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Tor. B.M. 3-2	87.477				87.477	Torrance B.M. 3-2 1960 El. - 87.477 F.B. 2447-196 In the City of Torrance at Hawthorne Ave. & 182nd St., in the S.E. Cor., 101.5' S. of the S. end of Cb. Ret. & 3.0' E. of the face of the E. cb. A County Engineer B.M. brass cap mon. marked "55, Tor. 3-2" set in conc. in a well and protected by a cast iron cover mkd. "County Eng. Mon."
+	6.158		6.223			
⊼	93.635	+4.721	4.720	+4.720		
−	1.437		1.503			
T.P.	92.198					
+	6.129		6.193			
⊼	98.327	+2.512	2.508	+2.508		
−	3.617		3.685			
T.P.	94.710					
+	3.610		3.698			
⊼	98.320	−2.100	2.102	−2.102		
−	5.710		5.800			
T.P.	92.610					
+	1.573		1.476			
⊼	94.183	−2.850	−2.850	−2.850		
−	4.423		4.326			
T.P.	89.760					
+	4.942		5.053			
⊼	94.702	+0.140	+0.143	+.140		
−	4.802		4.910			
T.P.	89.900					
+	5.332		5.371			
⊼	95.232	+0.609	+0.608	+.608		
−	4.723		4.763			
T.P.	90.509					
+	5.630		5.891			
⊼	96.139	+4.068	+4.071	+4.069		
−	1.562		1.820			
T.P.	94.577					

JOB NO. 6150.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Mankey Jr. DATE
NOTES BY ETM Jr. DATE Jan 25, '65 NOTES CHKD.
INDEXED C. J. [illegible] DATE DATE

F.B. 2560 Pg. 16

768420 S & E-353 4-54

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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. (Fd)	94.577'					T.P. per Pg 16
+	4.152		4.332			
⊼	98.729	-4.066	-4.069	-4.068		
−	8.218		8.407			
T.P.	90.511					
+	2.132		2.000			
⊼	92.643	-2.280	-2.280	-2.280		
−	4.412		4.280			
T.P.	88.231					
+	5.351		5.459			
⊼	93.582	+0.363	+0.367	+.363		Torrance BM 3-1 1960 El. 88.586 F.B. 2447-195
−	4.988		5.092			In the City of Torrance at Hawthorne Ave.
Tor. BM. 3-1 (Fd)	88.594				88.586	& 174th St. (Artesia Blvd), on S.E. Cor. 3.5'
+	5.710		5.923			E. of the E. face of the curb &
⊼	94.304	+1.138	+1.134	+1.136		75.2' S.W.ly from the W'ly cor. of
−	4.572		4.789			a Mobilgas Station Bldg. A Co.
T.P.	89.732					Eng. B.M. brass cap mon. mkd
+	9.825		9.95[illegible]			"55, Tor. 3-1", set in conc. 10"
⊼	99.557	+9.682	+9.6[illegible]	+9.683		below the surface in a well &
−	0.143		0.269			protected by a cast iron
T.P.	99.414					cover mkd "County Engineer Monument"
+	6.039		6.047			
⊼	105.453	+4.395	+4.396	+4.395		
−	1.644		1.651			
T.P.	103.809					
+	2.298		2.458			
⊼	106.107	-3.316	-3.313	-3.315		
−	5.614		5.771			
T.P.	100.493					

NOTES RED. JOB NO. 6150.01 SURVEY OF Lawndale S.D.
DATE SURVEY BY Cheney Jr.
NOTES CHKD Miller NOTES BY [illegible] DATE Jan 25 '[illegible]
DATE Feb. 6.5 INDEXED C. J. GALLI DATE

F.B. 2592 Pg. 17

765420 S & E-965

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720 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 450.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Montgomery DATE 1/30/1965 NOTES CHKD
NOTES BY E.T. Galli DATE 1/30/1965 DATE
INDEXED E.T. GALLI DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. (Fd.)	100.493					T.P. Per Pg 17
+	4.192		4.068			
∧	104.685	-0.808	-0.805	-.807		
- (Set)	5.000		4.873			BM SD 3236 EL FB. 2592-18
BM SD 3236	99.685				99.678	Grevillea Ave & 173rd ST. S.W. Cor.
+	0.152		0.224			Bt. Spk. in Cb. 5.0' W. of W. end Cb. Ret
∧	99.837	-6.989	6.990	-6.989		
-	7.141		7.214			
T.P.	92.696					
+	3.530		3.597			
∧	96.226	-2.269	-2.269	-2.269		
- (Set)	5.799		5.866			B.M. S.D. 3237 EL FB. 2592-18
BM S.D. 3237	90.427				90.420	173rd ST. So. Curb 320' W. of E Grevillea Ave
+	5.786		5.831			Bt. Spk. in cb over C.B., on E. In Apt. Hse. #4558
∧	96.213	+2.378	+2.379	+2.378		
-	3.408		3.452			
T.P.	92.805					
+	12.326		12.271			
∧	105.131	+12.265	+12.268	+12.266		
-	0.061		0.003			
T.P.	105.070					
+	8.288		8.253			
∧	113.352	+4.864	+4.866	+4.865		
- (Set)	3.418		3.387			BM S.D. 3238 EL. FB. 2592-18
B.M. S.D. 3238	109.934				109.929	173rd ST. W. end Caldesac 250'W. of
+	2.108		2.152	2.143		Firmenich Ave., A Bt. Spk in Cb. 2'N. of
∧	112.042	-7.235	-7.246	-7.232		173rd St. E. P. Rod.
-	9.313		9.338	-9.330		BM SD 3239 EL. FB. 2592-18
BM SD 3239	102.729				102.698	173rd St, 15' S. of S. Curb, in front Hse. #4558
						Bt. Spk. in N. Cb. 405' E. of E Inglewood Ave.

766420 S & E-2-3

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NOTES RED. JOB NO. 4/5201 SURVEY OF Lennox Sewer Dist. No. 2
DATE SURVEY BY Hawkins DATE 2-25-59
NOTES CHKD Miller NOTES BY C. J. Galli DATE 2-26-59
DATE 2-26-59 INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM S.D. 3239 (SCP)	102.699				102.693	BM S.D. 3239 EL FB. 2592-18
+	3.020		3.092			173rd ST. W. C.L. & 5' N. of a C.B. Ret. in front Hse. # 4709
=	105.719	-0.524	-0.522	-.523		Bt. Spk. in N. C.L. 105' E. of E. Inglewood Ave.
-	3.544		3.614			
T.A.	102.175					
+	7.593		7.396			
=	109.768	+6.445	+6.445	+6.445		
- (3rd)	1.148		0.959			BM S.D. 3240 EL FB. 2592-19
BM S.D. 3240	108.620				108.615	173rd ST. & Inglewood Ave. S.E. Cor.
+	3.798		4.531			Bt. Spk. in C.B. 2.0' E. of E. end C.B. Ret.
=	112.418	-1.521	-1.525	-1.523		
-	5.319		6.056			
T.P.	107.099					
+	1.566		1.867			
=	108.665	-5.571	-5.570	-5.571		
-	7.137		7.437			BM S.D. 3241 EL FB. 2592-19
BM S.D. 3241 (3rd)	101.528				101.521	172nd ST. & Inglewood Ave. S.E. Cor.
+	6.130		6.202			Bt. Spk. in C.B. 2.0' E. of E. end C.B. Ret.
=	107.658	+4.267	+4.263	+4.265		
-	1.863		1.939			BM S.D. 3242 EL FB. 2592-19
BM S.D. 3242 (3rd)	105.795				105.786	171st ST. & Inglewood Ave. S.E. Cor.
+	0.463		0.372			Bt. Spk. in C.B. 2.0' E. of E. end C.B. Ret.
=	106.258	-10.778	-10.778	-10.778		
-	11.241		12.150			
T.P.	95.017					
+	2.122					
=	97.139	-2.467	-2.467	-2.467		
- (3rd)	4.329					
BM S.D. 3243	92.810					BM S.D. 3243 EL FB. 2592-19
						171st ST. & C.L. of Aviation Blvd. S.E. Cor.
						Bt. Spk. in S. end of R.C. Ret.

JOB NO. 6150.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Mackey Jr. DATE
NOTES BY [illegible] DATE Jan 26, 1965 NOTES CHKD
INDEXED C. J. GALLI DATE DATE

P. B. 2592 Pg. 22

768420 G & E-[illegible]

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720 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(set) BMSD3243	92.610				92.601	B.M.S.D. 3243 EL F.B. 2592-19
+	8.434		8.775			171st ST. So. Cb. & 385' ± E. of Inglewood Ave ℄
⊼	101.041	+4.331	4.326	+4.328		Bt. Spk. in cb. at B.C.R. & 15' ± E. of Hse. #4712
−	4.103		4.449			
(set) BMSD3244	96.941				96.929	BMSD 3244 EL F.B. 2592-20
+	4.529		4.595	4.609		171st ST. W. end Caldesac 280' W. of
⊼	101.470	-0.784	-0.791	-0.788		Firmona Ave ℄ Bt. Spk. in cb. 2' N. of ℄
−	5.313		5.386	5.397		
(set) BMSD3245	96.157				96.141	B.M.S.D. 3245 EL F.B. 2592-20
+	5.763		5.831			171st ST & FIRMONA AVE S.W. Cor
⊼	101.920	+4.372	+4.370	+4.371		Bt. Spk. 20' W. of W. end Cb. Ret.
−	1.391		1.461			
T.P.	100.529					
+	10.853		10.759			
⊼	111.382	+10.409	+10.408	+10.408		
−	0.444		0.351			
T.P.	110.938					
+	4.570		4.798			
⊼	115.508	+1.102	+1.101	+1.101		
−	3.468		3.697			B.M.S.D. 3246 EL F.B. 2592-20
(set) BMSD. 3246	112.040				112.021	172nd ST. in N. Cb. & 245' ± W. of Firmona Ave ℄
+	0.838		0.923	0.922		Bt. Spk. 18.3' N. of 172nd ST ℄ & in front Hse. #4625
⊼	112.878	-11.336	-11.331	-11.337		
−	12.174		12.254	12.329		
T.P.	100.704					
+	2.105		2.181			
⊼	102.809	-2.791	-2.792	-2.792		
−	4.886		4.973			BMSD 3247 EL F.B. 2592-20
(set) BMSD3247	97.913				97.892	172nd ST. & Firmona Ave. S.W. Cor
						Bt. Spk. 20' W. of W. end S.W. Cb. Ret.

766420 S & E-393 4-60

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PUBLIC WORKS BUILDING

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM SD 3247 (Set)	97.913'				97.892	BM SD 3247 EL FB 2592-20
+	0.831		0.714			172nd St. & Firmona Ave S.W. Cor.
∧	98 744	- 7.943	7.941	-7.942		Bt. Spk. 2.0' W. of W. end S.W. Cb. Ref
−	8.774		8.655			
T. P.	89.970					
+	3.312		3.211			
∧	93.282	- 1.483	1.485	-1.484		
−	4.795		4.696			BM SD 3248 EL FB 2592-21
BM SD 3248 (Set)	88.487				88.466	172nd ST. So. Cb. & 450' W. of Firmona Ave &
+	4.053		4.167			Bt. Spk. in Cb. by Guy Pole 12.83 E & in front
∧	92.540	- 1.010	1.005	-1.010		of Hse #4540
−	5.063		5.172			
T.P.	87.477					
+	5.143		5.220			
∧	92.620	+ 1.210	+1.210	+1.210		
−	3.933		4.010			BM SD 3249 EL FB 2592-21
BM SD 3249 (Set)	88.687				88.666	172nd ST & Greville Ave S.E. Cor.
+	5.307		5.478			Bt. Spk 2.0' E. of E. end S.E. Cb. Ref
∧	93.994	+4.414	4.411	+4.413		
−	0.893		0.967			
T. P.	93.101					
+	5.253		6.192			
∧	99054	+2.809	2.809	+2.809		BM SD 3250 EL FB 2592-21
−	3.144		3.383			172nd St & 137 Alley W. of Hawthorne Blvd S.W. Cor.
BM SD 3250 (Set)	95.910				95.888	Bt. Spk 2.0' W. of W. end S.W. Cb. Ref
+	3.778		3.713			
∧	99.680	+3.269	3.271	-3.270		
−	7.047		6.984			BM SD 3251 EL FB 2592-21
BM SD 3251 (Set)	92.641				92.618	172nd St & Hawthorne Blvd S.W. Cor.
						Ramset nail 1.0' S. of S. end S.W. Cb. Ref

NOTES RED. JOB NO. 6550.61 SURVEY OF Kornfeld - S.P.
DATE SURVEY BY Markey Jr.
NOTES CHKD Miller NOTES BY Markey Jr. DATE Feb 24 1965
DATE Feb 24 C. J. GALLI INDEXED DATE

FB 2592 PG 21

766420 S & E-[illegible]

PLEASE RETURN TO
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[illegible] 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
(Set) BMSD 3251	92.641				92.618	BMSD 3251 EL FB. 2592-21
+	3.960		3.832			172nd ST. & Hawthorne Blvd. S.W. Cor.
⊼	96.601	-2.212	-2.216	-2.214		Ramset nail 1.0' S. of S. end S.W. Cb. Ret
−	6.172		6.048			
T.P.	90.429					
+	2.379		2.509			
⊼	92.808	-3.487	-3.488	-3.488		
−	5.866		5.997			BMSD 3252 EL FB. 2592-22
(Set) BMSD 3252	86.942				86.916	171st ST. & Hawthorne Blvd S.E. Cor.
+	0.913		0.871			Ramset nail 1.0' S. of S. end S.E. Cb. Ret.
⊼	87.855	-5.239	-5.238	-5.239		
−	6.152		6.109			BMSD 3253 EL FB 2592-22
(Set) BMSD 3253	81.703				81.677	170th ST & Hawthorne Blvd. S.E. Cor
+	0.871		0.772	0.856		Ramset nail 1.0' S. of S. end S.E. Cb. Ret.
⊼	82.574	-5.266	-5.260	-5.262		
−	6.137		6.132	6.118		BMSD 3254 EL FB 2592-22
(Set) BMSD 3254	76.437				76.414	169th ST. & Hawthorne Blvd. S.E. Cor.
+	1.145		1.025			Ramset nail 1.0' S. of S. end S.E. Cb. Ret.
⊼	77.582	-3.777	-3.778	-3.778		
−	4.922		4.803			BMSD 3255 EL FB 2592-22
(Set) BMSD 3255	72.660				72.636	168th ST. & Hawthorne Blvd. S.E. Cor.
+	2.262		2.229			Ramset 1.0' S. of S. end S.E. Cb. Ret.
⊼	74.922	-2.754	-2.758	-2.756		
−	5.016		5.097			BMSD 3256 EL FB. 2592-22
(Set) BMSD 3256	69.906				69.880	167th & Hawthorne Blvd. S.E. Cor.
+	2.703		2.659			Ramset 1.0' So. of S. end S.E. Cb. Ret.
⊼	72.609	-1.387	-1.383	-1.385		
−	4.090		4.042			
T.P.	68.519					

JOB NO. 6150.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Mankey Jr. DATE
NOTES BY ETM Jr. DATE Jan 26, 1965 NOTES CHKD
INDEXED C. J. GALLI DATE DATE

F.B. 2592 Pg. 22

768420 S & E-583

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720 - LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO. 6150.01 SURVEY BY Hawthorne, S.P.
DATE SURVEY BY Manley, Jr.
NOTES CHKD Miller NOTES BY ETM, Jr. DATE Jan 27, 1954
DATE Feb 2, 1954 INDEXED C. J. CALL DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. (Fd)	68.519					T.P. per PG 22
+	5.363		5.395			
=	73.882	+0.984	+0.984	+.984		
-	4.379		4.411			
(Fd) BM SD 3202	69.503				69.477	Brass Disc in Monument Well, Hawthorne Blvd. & 166th St. S.W. Cor. Bk. Spk. in cb. 50' W. of W. end S.W. Cb. Rad
+	5.026		5.108			
=	74.529	+0.203	+0.202	+.203		
-	4.823		4.906			
T.P.	69.706					
+	5.359		5.401			
=	75.065	+1.272	+1.272	+1.272		
-	4.087		4.429			
(Fd) BM SD 3201	70.978				70.952	Brass Disc in Monument Well, W. 166th St. & Graviller Ave. S.W. Cor. Bk. Spk. in Cb. 61' W. of W. end S.W. Cb. Rad
+	4.713		4.966			
=	75.691	+0.361	+0.364	+.362		
-	4.352		4.402			
(Ref) BM SD 3257	71.339				71.314	Brass Disc in Monument Well, W. 166th St. So. Curb 440'± W. of Graviller Ave. & Bk. Spk. in cb. in front of house # 4544
+	5.327		5.593			
=	76.666	+2.298	+2.301	+2.299		
-	3.029		3.282			
(Ref) BM SD 3258	73.637				73.613	Brass Disc in Monument Well, W. 166th St. & Firmona Ave. S.E. Cor. Bk. Spk. in Cb. 2.0' E. of E. end S.E. Cb. Rad
+	4.881		4.931			
=	78.518	+0.161	+0.160	-.161		
-	5.042		5.091			
(Ref) BM SD 3259	73.476				73.452	Brass Disc in Monument Well, W. 166th St. So. Cb. & 250'± W. of Firmona Ave. & Bk. Spk. in cb. by fire hyd. in front of House # 4626
+	4.233		4.092			
=	77.709	-1.678	-1.583	-1.574		
-	5.871		5.675			
T.P.	71.838					

766480 S & E-1

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

Do not extend notes this side of this line

JOB NO 6150.01 SURVEY OF Homedale Sta NOTES RED
SURVEY BY Mayes Co DATE
NOTES BY Stn. Co. DATE Jan 21 1965 NOTES CHKD
INDEXED C. J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	71.898					T.P. Per Pg 23
+	5.099		5.090			
π	76.997	+0.761	+0.763	+.762		
− (Sat)	4.338		4.327			BMSD 3260 EL. FB. 2592-24
BMSD3260	72.659				72.638	W. 165' ± S. T., So. Cb. + Gr. R. # 220' W. of Firmona
+	4.472		4.397			Ave. & Bt. Spk in cb in Front of HSE #4622
π	77.131	+0.004	+0.004	+.004		
−	4.468		4.393			
T.P.	72.663					
+	4.394		4.330			
π	77.057	-0.857	-0.859	-.858		
−	5.251		5.189			
T.P.	71.806					
+	4.445		4.305			
π	76.251	-0.954	-0.954	-.954		
−	5.399		5.259			
T.P.	70.852					
+	1.017		1.766			
π	71.869	-1.948	-1.945	-1.947		
−	5.965		5.911			
T.P.	68.904					
+	2.999		2.778			
π	71.903	-3.181	-3.182	-3.182		
−	6.180		5.940			
T.P.	65.723					
+	4.078		4.102			
π	69.801	+1.114	+1.114	+1.114		
−	2.264		2.988			
T.P.	66.837					

F. B. 2592 Pg. 24

768420 S & E-353

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[illegible] ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. (Fd)	66.837'					T.P. per Pg 24
+	1.803'		1.698			
$\bar{x}$	68.640'	-3.237	-3.237	-3.237		
−	5.040'		4.935			BM SD 3204 EL. 63.572' FB. 2583-13
BM SD 3204 (Fd)	63.600'				63.572	Hawthorne Blvd. & 164th St. N.E. Cor.
+	3.663'		3.584'			Bt. Spk. in cb. 50' N. of N. end N.E. cb. Ret.
$\bar{x}$	67.263	-2.292	-2.289	-2.291		
−	5.955		5.873			
T.P.	61.308					
+	2.586		2.622'			
$\bar{x}$	63.894	-3.323	-3.326	-3.325		
−	5.909		5.948			BM SD 3206 EL 57.956' FB 2583-14
BM SD 3206 (Fd)	57.985				57.956	Hawthorne Blvd. & W. 163rd St. N.E. Cor.
+	3.142		3.194			Bt. Spk. in cb. 45' N. of N. end N.E. cb. Ret.
$\bar{x}$	61.127	-2.836	-2.838	-2.837		
−	5.978		6.032			
T.P.	55.149					
+	4.498		4.598'			
$\bar{x}$	59.647	+0.339	+0.336	+.338		
−	4.159		4.262			
T.P.	55.488					
+	4.471		4.558			
$\bar{x}$	59.959	-0.737	-0.734	-.735		
−	5.208		5.292			
T.P.	54.751					
+	4.668		4.728			
$\bar{x}$	59.419	-0.958	-0.956	-.958		
−	5.626		5.684			
T.P.	53.793					

NOTES RED. JOB NO. 6150.01 SURVEY OF Hawndale S.D.
DATE SURVEY BY Mackey Jr.
NOTES CHKD. Miller NOTES BY ETM Jr. DATE Jan 27, 1965
DATE Feb. 65 INDEXED C. J. GAUL DATE

F.B. 2592 Pg. 25

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 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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JOB NO. 6150.01 SURVEY NO. [illegible] NOTES RED
SURVEY BY Stanley DATE Nov 22 1945 NOTES CHKD
NOTES BY C. J. GALLI DATE
INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. (FD)	53.793					T.P. Det Pg 25
+	4.498		4.528			
∏	58.291	+0.496	+0.498	+.496		
−	4.002		4.090			BM 30 3209 EL 54.260 F.B. 2583-15
BM 30 3209 (FD)	54.289				54.260	Hawthorne Blvd. 1.45 S/ET. of R.R. Cor.
+	5.230		5.268			Screw in lead in Cb 2' N. of Hand Hole Ret.
∏	59.519	+0.210	+0.210	+.210		
−	5.020		5.058			
T.P.	54.499					
+	4.791		4.801			
∏	59.290	-0.903	-0.901	-.902		
−	5.694		5.702			
T.P.	53.596					
+	4.242		4.169			
∏	57.838	-0.769	-0.770	-.770		
−	5.011		4.939			
T.P.	52.827					
+	4.064		4.081			
∏	56.891	-1.344	-1.341	-1.342		
−	5.548		5.532			
T.P.	51.343		[illegible]			
+	5.232		[illegible]			
∏	56.725	+1.292	[illegible]	+1.293		
−	3.950		[illegible]			
T.P.	52.775		[illegible]			
+	[illegible]		[illegible]			
∏	[illegible]	[illegible]	[illegible]	.951		
[illegible]	[illegible]		[illegible]		52.688	[illegible] 2541-B
						[illegible] 3.6 Cb
						[illegible] 4.5 Cb Ret

B.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION
[illegible]	52.325				52.698	[illegible]
-	[illegible]		[illegible]			[illegible]
+	[illegible]	+1.003	1.297	+1.025		[illegible]
-	[illegible]		5.532			
[illegible]	[illegible]					
-	[illegible]		4.561			
+	53.237	+0.612	+0.650	+.629		
-	3.231		3.911			
[illegible]	[illegible]					
-	[illegible]		[illegible]			
+	53.836	+0.538	+0.535	+.537		
-	[illegible]		[illegible]			
[illegible]	55.004					
+	[illegible]		[illegible]			
+	[illegible]	+0.723	[illegible]	[illegible]		
-	[illegible]		[illegible]			
T.P.	[illegible]					
+	[illegible]		[illegible]			
+	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
-	[illegible]		[illegible]			[illegible]
[illegible]	[illegible]				[illegible]	[illegible]

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE [illegible] 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
[illegible]	56.183				56.156	BMSD 3263 EL [illegible]
+	4.548		4.632			Compton Blvd & Gra[illegible] Cor
X	60.731	+0.759	+0.759	+.759		Bt. Spk in Cb. 25' [illegible]
−	3.789		3.873			BMSD 3264 EL [illegible]
BMSD 3264	56.942				56.915	Compton Blvd & Marsal [illegible] Cor
+	4.573		4.653			Bt. Spk in Cb. 25' W. of W. and N.W. Ch. Rat
X	61.515	+0.750	+0.749	+.750		
−	3.823		3.904			BMSD 3265 EL [illegible]
BMSD 3265	57.692				57.665	Compton Blvd & Kingsdale Ave N.W. Cor
+	4.621		4.669			Bt. Spk in Cb. 25' W. of W. and N.W. Ch. Rat
X	62.313	+0.475	+0.477	+.476		
−	4.146		4.198			
T.P.	58.167					
+	5.993		6.017			
X	64.160	+2.104	+2.106	+2.105		
−	3.889		3.911			
T.P.	60.271					
+	4.679		4.715			
X	64.950	−0.193	−0.196	−.193		
−	4.877		4.911			
T.P.	60.0[illegible]					
+	5.[illegible]		5.6[illegible]			
X	65.631	+1.[illegible]	+1.3[illegible]	+1.822		
−	4.[illegible]		[illegible]			
T.P.	61.[illegible]					
+	4.818		4.751			
X	66.[illegible]	−0.[illegible]	+0.[illegible]	−.215		
−	5.[illegible]		[illegible]			
[illegible]	[illegible]					

SAME DESC.

C. J. GALLE

[illegible] RETURN TO [illegible] COUNTY SURVEYOR [illegible] COUNTY ENGINEERING BLDG.

NOTE: [illegible] NAME OF PERSON MAKING [illegible]

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	61.185					T.P. Per. PG 28
+	5.098		5.140			
⊼	66.283	-0.065	-0.065	-.065		
−	5.163		5.205			
T.P.	61.120					
+	6.032		6.069			
⊼	67.152	+1.214	+1.216	+1.216		
−	4.818		4.853			
T.P.	62.334					
+	5.491		5.533			
⊼	67.825	+0.659	+0.656	+.659		
−	4.832		4.877			
T.P.	62.993					
+	4.946		4.966			
⊼	67.939	+1.579	+1.577	+1.579		
−	3.367		3.389			BMSD [illegible] EL [illegible]
(SET) BMSD 32.70	64.572				64.549	[illegible]
+	6.239		6.228			[illegible]
⊼	70.811	+6.198	+6.198	+6.198		
−	0.041		0.030			BMSD [illegible] EL [illegible]
(SET) BMSD 32.71	70.770				70.743	[illegible]
+	0.006		0.026			[illegible]
⊼	70.776	+6.052	[illegible]	-6.052		[illegible]
−	6.058		[illegible]			[illegible]
T.P.	[illegible]					
+	[illegible]		[illegible]			
⊼	[illegible]	[illegible]	[illegible]	[illegible]		
−	[illegible]		[illegible]			[illegible]
[illegible]	[illegible]				[illegible]	[illegible]

768420 [illegible]

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMSD 3272 (Set)	65.030				65.011	BMSD 3272 EL FB 2598-29
+	6.118		6.163			W. 147th ST. & Condon Ave S.E. Cor.
π	71.148	+6.067	+6.071	+6.069		Bt. Spk in Cb. 5.0' S. of S. end S.E. Cb. Ret
−	0.051		0.092			
T.P.	71.099					
+	9.434		9.474			
π	80.532	+7.879	7.882	+7.880		
−	1.555		1.592			
T.P.	78.976					
+	4.223		4.245			
π	83.799	−3.776	−3.776	−3.776		
−	7.999		8.021			BMSD 3273 EL FB 2598-30
BMSD 3273 (Set)	75.200				75.184	W. 145th ST. & Condon Ave S.E. Cor.
+	0.191		0.179			Bt. Spk in Cb. 5.0' E. of E. end S.E. Cb. Ret
π	75.391	−7.948	−7.946	−7.947		
−	8.139		8.125			
T.P.	67.252					
+	3.325		3.402			
π	70.577	−1.553	−1.555	−1.554		
+	4.878		4.957			
T.P.	65.699					
+	4.056		4.118			
π	69.755	−1.096	−1.095	−1.096		
−	5.152		5.213			BMSD 3274 EL FB 2598-30
BMSD 3274 (Set)	64.603				64.587	Firmona Ave E. Curb @ 420' N. of W.
+	4.754		4.812			147th ST. Bt. Spk on C.B. in front Hse #14520
π	69.357	+2.154	+2.150	+2.152		
−	2.600		2.662			
T.P.	66.757					

JOB NO. 6156.01 SURVEY OF [illegible] NOTES REQ.
SURVEY BY [illegible] DATE
NOTES BY [illegible] DATE Jan 28, 1965 NOTES CHKD.
INDEXED C. J. GALD DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. EL.	DESCRIPTION	
T.P.	66.757					TP Par	
+	4.779		4.759				
=	71.536	-1.030	-1.031	-1.030			
−	5.809		5.790			BMSD3275 EL	FB2590-31
BM SD3275 (Set)	65.727				65.709	147TH ST & Firmona Ave	S.E. Cor.
+	0.130		0.122	0.344		Bl. Spk in Cb. 50'S of C.L. and	S.E. Cb. Ref.
=	66.157	+5.804	-5.813	5.871			
−	6.234		6.237	6.135			
T.P.	59.923						
+	3.459		3.374				
=	63.382	-1.551	-1.547	-1.549			
−	5.010		4.921				
T.P.	58.372						
+	4.472		4.577				
=	62.844	+0.176	+0.178	+.177			
−	4.296		4.299			BMSD3266 EL	FB2598-31
BMSD 3266 (Set)	58.548				58.526	W 149TH St & Kingsdale Ave	N.W. Cor.
+	4.565		4.552			Bl. Spk in Cb 2.0'N. of W.L. and NW. Cb. Ref.	
=	63.113	-0.286	-0.283	-.284			
−	4.851		4.835			BM SD 3267 EL	FB 2598-31
BMSD 3267 (Set)	58.262				58.242	W. 149TH ST & Manse Ave	N.E. Cor.
+	4.742		4.758			Bl. Spk in Cb 2.0'E of E. and S.E. Cb. Ref.	
=	63.004	-0.719	-0.722	-.720			
−	5.461		5.480			BM SD 3268 EL	FB 2598-31
BMSD 3268 (Set)	57.543				57.522	W. 149TH ST & Grenville Ave	S.W. Cor.
+	4.141		4.255			Bl. Spk in Cb 2.0'S of C.L. and S.W. Cb. Ref.	
=	61.684	-0.710	-0.706	-.708			
−	4.851		4.961			BM SD 3269 EL	FB 2598-31
BM SD 3269 (Set)	56.833				56.814	Grenville Ave & Curve	Top of Curb
						Ac	

PLEASE RETURN TO
ROOM 208 ASSESSOR-COUNTY SURVEYOR
LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ARBITRARY OR CHANGED ELEVATIONS ON THIS SHEET MUST BE BOXED AND CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 6152.01 SURVEY OF Compton
SURVEY BY Chas. Kelly DATE 3/24/65
NOTES RED DATE
NOTES CHKD DATE
INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM SD 3260	56.833				56.814	BM SD 3260 EL FB 2502 - 31
+	3.931		4.009			Greenleaf Ave W. Curb ± 300' S. of 149th St.
X	60.764	-1.308	1.309	-1.309		Bt. Spk in Cb. in front of Fire Sta #1500
—	5.239		5.318			56.742 1965 adj. SEE FB 2346-18
T.P.	55.525					
+	4.941		4.913			
X	60.466	+0.198	+0.194	+.196		
—	4.743		4.719			BM SD 3262 EL FB 2502 - 27
BM SD 3262	55.723				55.701	Compton Blvd & Burin Ave N.W. Cor.
+	4.559		4.446			Bt. Spk in Cb 25' W. of W.L. and N.W. Cb. Ret.
X	60.282	-0.313	-0.317	-.316		
—	4.872		4.763			BM SD 3261 EL FB 2502 - 27
BM SD 3261	55.410				55.386	Hawthorne Blvd & Compton Blvd N.W. Cor.
+	3.268		5.242			Bt. Spk. in Curb 2' W. of W.L. and N.W. Cb. Ref.
X	60.678	+2.230	+2.230	+2.230		
—	3038		3.012			
T.P.	57.640					
+	2.532		2.379			
X	60.172	-2.634	-2.632	-2.633		
—	5.166		5011			
T.P.	55.006					
+	4.678		4.584			
X	59.684	-0.820	-0.819	-.819		
—	5.498		5.403			
T.P.	54.186					
+	3.610		3.568			
X	57.696	-1.513	-1.511	-1.512		
—	5.023		5.079			
T.P.	52.673					

769420 [illegible]

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
[illegible] LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: [illegible]

Do not [illegible] this side of this line

B.M.	[illegible]	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
T.P. (Fd)	52.673'					T.P. Per Pg 32					
+	4.438		4.472								
$\bar{x}$	57.111	-0.413	-0.411	-.412							
−	4.851		4.883								
T.P.	52.260										
+	4.659		4.713								
$\bar{x}$	56.919'	-0.360	-0.359	-.360							
−	5.019		5.072								
T.P.	51.900										
+	4.985		5.169								
$\bar{x}$	56.885	-0.293'	-0.292	-.293							
−	5.278		5.461								
T.P.	51.607										
+	4.672		4.702								
$\bar{x}$	56.279	+0.018	+0.018	+.018							
−	4.654		4.684								
T.P.	51.625										
+	4.655		4.709								
$\bar{x}$	56.280	-0.274	-0.274	-.274							
−	4.929		4.983								
T.P.	51.351'										
+	4.584		4.640								
$\bar{x}$	55.935	-0.429	-0.431	-.430							
−	5.013		5.071								
T.P.	50.922'										
+	4.522		4.563								
$\bar{x}$	55.444	-0.680	-0.679	-.680							
−	5.202		5.242								
T.P.	50.242										

768420 [illegible]

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
[illegible] LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN 50.235	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. (Fd)	50.242					T.P. Per PS 33
+	4.727		4.773			
⊼	54.969	+0.397	+0.396	+.396		
−	4.330		4.377			
T.P.	50.639					
+	4.100		4.145			
⊼	54.739	−0.527	−0.525	−.526		
−	4.627		4.670			
T.P.	50.112					
+	4.585		4.698			
⊼	54.697	−0.199	−0.200	−.200		
−	4.784		4.898			
T.P.	49.913					
+	4.560		4.598			
⊼	54.473	−0.426	−0.422	−.424		
−	4.986		5.020			
T.P.	49.487					
+	4.602		4.639			
⊼	54.089	−0.440	−0.443	−.442		
−	5.042		5.082			
T.P.	49.047					
+	4.621		4.659			
⊼	53.668	−0.646	−0.645	−.646		
−	5.267		5.304			
T.P.	48.401					
+	4.536		4.602			
⊼	52.937	−1.333	−1.330	−1.333		
−	5.869		5.932			
T.P.	47.068					

JOB NO. 6150.01 SURVEY OF Lawndale 3D NOTES RED.
SURVEY BY Mackey, Jr. DATE
NOTES BY E.T.M. DATE Jan 29 1965 NOTES CHKD
INDEXED C. J. GALLY DATE DATE

F.B. 25 [illegible] 34

765420 REV 8-62

PLEASE ADDRESS TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ALTERATIONS OR CORRECTIONS IN THESE NOTES SHOULD BE CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not record notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	47.024					
T.P. (Fd)	47.068					T.P. Per Pg 34
+	4.926		5.050			
=	51.994	-0.446	-0.446	-.446		
-	5.372		5.496			
T.P.	46.622					
+	5.711		5.770			
=	52.333	+0.690	+0.690	+.690		
-	5.021		5.080			
T.P.	47.312					
+	5.293		5.412			
=	52.605	+0.130	+0.128	+.128		
-	5.163		5.284			
T.P.	47.442					
+	4.963		5.082			
=	52.405	-0.278	-0.277	-.278		
-	5.241		5.359			
T.P.	47.164					
+	4.951		5.073			
=	52.115	+0.442	+0.442	+.442		
-	4.509		4.651			
T.P.	47.606					
+	4.690		4.806			
=	52.296	-0.381	+0.381	-.381		
-	5.071		5.187			
T.P.	47.225					
+	4.973		5.041			
=	52.190	+0.511	+0.512	+.511		
-	4.447		4.589			
T.P.	47.736					

JOB NO. [illegible] SURVEY BY [illegible] DATE [illegible]
NOTES BY [illegible] DATE [illegible]
NOTES CHECKED BY [illegible] DATE [illegible]
NOTES UNDERS. C. J. CRUZ DATE [illegible]

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

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

Do not extend notes this side of this line

JOB NO. 615-81 SURVEY BY Alhambra
SURVEY BY Engineering Co.
NOTES BY C. J. GALLI
INDEXED DATE
NOTES RED
DATE
NOTES SHEET
DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. EL.EV.	DESCRIPTION
T.P.(Fd)	47.706					T.P. Per Pg 35
+	5.138		5.209			
X	52.874	+1.878	+1.877	+1.877		
−	3.260		3.332			
T.P.	49.614					
+	6.046		6.158			
X	55.660	+2.549	-2.548	+2.548		
−	3.477		3.610			
T.P.	52.163					
+	5.951		6.021			
X	58.114	+4.457	+4.459	+4.457		
−	1.494		1.632			
T.P.	56.620					
+	5.648		5.832			
X	62.268	+2.796	+2.799			
−	2.852		3.033			
T.P.	59.416					
+	6.198		5.958			
X	65.524	+0.861	+0.861			
−	5.247		5.097			
T.P.	60.277					
+	3.857		4.073			
X	64.134	+1.734	-1.733			
−	5.591		5.806			
BM Tac A-2	58.543				58.531	BM Torrance A-2, 1961 El. 58.54' FB. 2149-184 In the City of Torrance at Prairie Ave. and Redondo Beach Blvd., 30' N of Prairie Ave., 18.2' S of Redondo Beach Blvd., 300' SE'ly of the NE Cor. of the Western Gear (Kamman) Auto Supply Bldg., 1' W'ly of the W. face of the W. C. & G. E-W. BM. Brass cap in conc. marked "T.S. Tac A-2, Set in conc. to replace the curb on the N'ly end of the W'ly curb return at the NW'ly corner of the intersection of Redondo Beach Blvd. and Prairie Ave.

765420 S & E-353 4-54

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

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JOB NO. 6150.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Markstyle DATE NOTES CHKD
NOTES BY Atty c/s DATE Jan 25, 65 DATE
INDEXED C. J. Fritz DATE

F.B. 2592 Pg. 16

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Tor. B.M. 3-E (FD)	87.477				87.477	Torrance B.M. 3-2 1960 El. - 87.477 F.B. 2447-196
+	6.158		6.223			In the City of Torrance at Hawthorne
∧	93.635	+4.721	4.720	+4.720		Ave. & 182nd St., in the S.E. Cor., 101.5'
−	1.437		1.503			S. of the S. end of Cb. Ret. & 3.0' E.
T.P.	92.198					of the face of the E. Cb. A County
+	6.129		6.193			Engineer B.M. brass cap mon.
∧	98.327	+2.512	2.508	+2.508		marked "55, Tor. 3-2" Set in conc.
−	3.617		3.685			in a well and protected by a
T.P.	94.710					cast iron cover mkd. "County Eng. Mon."
+	3.610		3.698			
∧	98.320	-2.109	2.102	-2.102		
−	5.710		5.800			
T.P.	92.610					
+	1.573		1.476			
∧	94.183	-2.850	-2.850	-2.850		
−	4.423		4.326			
T.P.	89.760					
+	4.942		5.053			
∧	94.702	+0.140	+0.143	+.140		
−	4.802		4.910			
T.P.	89.900					
+	5.332		5.371			
∧	95.232	+0.609	+0.608	+.608		
−	4.723		4.763			
T.P.	90.509					
+	5.630		5.891			
∧	96.139	+4.068	+4071	+4069		
−	1.562		1.820			
T.P.	94.577					

769420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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. (Fd)	94.577					T.P. per Pg 16
+	4.152		4.332			
π	98.729	-4.066	-4.069	-4.068		
−	8.218		8.407			
T.P.	90.511					
+	2.132		2.000			
π	92.643	-2.280	-2.280	-2.280		
−	4.412		4.280			
T.P.	88.231					
+	5.351		5.459			
π	93.582	+0.363	+0.367	+.363		Torrance BM 3-1 1960 El. 88.586 F.B. 2447-195
−	4.988		5.092			In the City of Torrance at Hawthorne Ave.
Tor. B.M. 3-1 (Fd)	88.594				88.586	& 174th St. (Artesia Blvd), on S.E. Cor., 3.5'
+	5.710		5.923			E. of the E. face of the curb &
π	94.304	+1.138	+1.134	+1.136		75.2' S.W.ly from the W'ly cor. of
−	4.572		4.789			a Mobilgas Station Bldg. A Co.
T.P.	89.732					Eng. B.M. brass cap mon. mkd
+	9.825		9.953			"55, Tor. 3-1", set in conc. 10"
π	99.557	+9.682	+9.684	+9.683		below the surface in a well &
−	0.143		0.269			protected by a cast iron
T.P.	99.414					cover mkd "County Engineer Monument"
+	6.039		6.047			
π	105.453	+4.395	+4.396	+4.395		
−	1.644		1.651			
T.P.	103.809					
+	2.298		2.458			
π	106.107	-3.316	-3.313	-3.315		
−	5.614		5.771			
T.P.	100.493					

NOTES RED ____ JOB NO. 6150.01 SURVEY OF Lawndale S.D.
DATE ____ SURVEY BY Manley Jr.
NOTES CHKD Miller NOTES BY ETM Jr. DATE Jan 25, 1965
DATE Feb 65 INDEXED C. J. GALLI DATE

F. B. 2592 Pg. 17

765420 S & E-353 4-54

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

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JOB NO. 6150.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Mackay & Jr. DATE DATE
NOTES BY Eff & Jr. DATE July 25, 1965 NOTES CHKD
INDEXED E. J. Cliff DATE DATE

F.B. 2598 Pg. 18

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. (Fd)	100.493					T.P. Per Pg 17
+	4.192		4.068			
℄	104.685	-0.808	-0.805	-.807		
−	5.000		4.873			
BM S.D. 3236 (Set)	99.685				99.678	BM S.D. 3236 EL FB. 2598-18
+	0.152		0.224			Grevillea Ave & 173rd ST. S.W. Cor.
℄	99.837	-6.989	6.990	-6.989		Bt. Spk. in Cb. 5.0' W. of W. end Cb. Ret
−	7.141		7.214			
T.P.	92.696					
+	3.530		3.597			
℄	96.226	-2.269	-2.269	-2.269		
−	5.799		5.866			
BM S.D. 3237 (Set)	90.427				90.420	B.M. S.D. 3237 EL FB. 2598-18
+	5.786		5.831			173rd ST. So. Curb 5.20' W. of ℄ Grevillea Ave
℄	96.213	+2.378	+2.379	+2.378		Bt. Spk. in cb, over C.B., on E. Ln Apt. Hse. #4558
−	3.408		3.452			
T.P.	92.805					
+	12.326		12.271			
℄	105.131	+12.265	+12.268	+12.266		
−	0.061		0.003			
T.P.	105.070					
+	8.282		8.253			
℄	113.352	+4.864	+4.866	+4.865		
−	3.418		3.387			
B.M. S.D. 3238 (Set)	109.934				109.929	BM S.D. 3238 EL. FB. 2598-18
+	2.108		2.152	2.143		173rd ST. W. end Caldesec, 250' W. of
℄	112.042	-7.235	7.246	7.237		Firmona Ave., A Bt Spk in cb. 2.0' N. of
−	9.343		9.398	9.380		173rd ℄ Prod.
BM S.D. 3239 (Set)	102.699				102.693	BM S.D. 3239 EL. FB. 2598-18
						173rd ST. N. Cb. 5' W. of a cb. Ret., in front Hse. #4709
						Bt. Spk. in N. CB. 4.05' E. of ℄ Inglewood Ave

768420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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
(set) BM.S.D. 3239	102.699				102.693	BM.S.D. 3239 EL F.B. 2598-18
+	3.020		3.092			173rd ST., N. cb. & 5' N. of a cb. Ret., in front Hse. # 4709
⊼	105.719	-0.524	-0.522	-.523		Bt. Spk. in N. cb. 405' ± E. of ℄ Inglewood Ave.
−	3.544		3.614			
T.P.	102.175					
+	7.593		7.396			
⊼	109.768	+6.445	+6.445	+6.446		
−	1.148		0.959			BM.S.D. 3240 EL F.B. 2598-19
(set) BM.S.D. 3240	108.620				108.615	173rd ST. & Inglewood Ave S.E. Cor.
+	3.798		4.531			Bt. Spk. in cb. 2.0' E. of E. end cb. Ret.
⊼	112.418	-1.521	-1.525	-1.523		
−	5.319		6.056			
T.P.	107.099					
+	1.566		1.867			
⊼	108.665	-5.571	-5.570	-5.571		
−	7.137		7.437			BM.S.D. 3241 EL F.B. 2598-19
(set) BM.S.D. 3241	101.528				101.521	172nd ST. & Inglewood Ave S.E. Cor.
+	6.130		6.202			Bt. Spk. in cb. 2.0' E. of E. end cb. Ret.
⊼	107.658	+4.267	+4.263	+4.265		
−	1.863		1.939			BM.S.D. 3242 EL F.B. 2598-19
(set) BM.S.D. 3242	105.795				105.786	171st ST. & Inglewood Ave S.E. Cor.
+	0.463		0.372			Bt. Spk. in cb. 2.0 E. of E. end cb. Ret.
⊼	106.258	-10.778	-10.778	-10.778		
−	11.241		11.150			
T.P.	95.017					
+	2.122		2.428			
⊼	97.139	-2.407	2.406	-2.407		
−	4.529		4.834			BM.S.D. 3243 EL F.B. 2598-19
(set) BM.S.D. 3243	92.610				92.601	171st ST. So. cb. & 385' ± E. of Inglewood Ave ℄
						Bt. Spk. in So. cb. at B.C.R. 15' ± E. of Hse # 4712

NOTES RED ____ JOB NO. 6150.01 SURVEY OF Lawndale S.D.
DATE ____ SURVEY BY Monkey Jr.
NOTES CHKD Miller NOTES BY ____ DATE Jan 26, 1965
DATE Feb. 65 INDEXED C. J. GALLI DATE ____

F.B. 2598 PG. 19

768420 S & E-353 4-54

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

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Do not extend notes this side of this line

JOB NO. 6150.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Markey Jr. DATE
NOTES BY ETM Jr. DATE Jan 26, 1965 NOTES CHKD
INDEXED C. T. Gallt DATE

F. B. 2598 PG. 20

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMSD3243 (set)	92.610				92.601	B.M.S.D. 3243 EL F.B. 2598-19
+	8.434		8.775			171ST ST. So. Cb. & 385' ± E. of Inglewood Ave ℄
⊼	101.044	+4.331	4.326	+4.328		Bt. Spk. in cb. at B.C.R. & 15' ± E. of Hse. #4712
−	4.103		4.449			
BMSD3244 (set)	96.941				96.929	BMSD 3244 EL F.B. 2598-20
+	4.529		4.595	4.609		171ST ST. W. end Caldesac 280' W. of
⊼	101.470	-0.784	-0.791	-0.788		Firmona Ave ℄ Bt. Spk. in cb. 2' N. of ℄
−	5.313		5.386	5.397		
BMSD3245 (set)	96.157				96.141	B.M.S.D. 3245 EL F.B. 2598-20
+	5.763		5.831			171ST ST & FIRMONA AVE. S.W. Cor
⊼	101.920	+4.372	+4.370	+4.371		Bt. Spk. 20' W. of W. end Cb. Ret.
−	1.391		1.461			
T.P.	100.529					
+	10.853		10.759			
⊼	111.382	+10.409	+10.408	+10.408		
−	0.444		0.351			
T.P.	110.938					
+	4.570		4.798			
⊼	115.508	+1.102	+1.101	+1.101		
−	3.468		3.697			B.M.S.D. 3246 EL F.B. 2598-20
BMSD. 3246 (set)	112.040				112.021	172nd ST. in N. Cb. & 245' ± W. of Firmona Ave ℄
+	0.838		0.923	0.992		Bt. Spk. 18.3' N. of 172nd ST ℄ & in front Hse. #4625
⊼	112.878	-11.336	-11.331	-11.337		
−	12.174		12.254	12.329		
T.P.	100.704					
+	2.105		2.181			
⊼	102.809	-2.791	-2.792	-2.792		
−	4.896		4.973			BMSD 3247 EL F.B. 2598-20
BMSD3247 (set)	97.913				97.892	172nd ST. & Firmona Ave. S.W. Cor.
						Bt. Spk. 20' W. of W. end. S.W. Cb. Ret.

768420 S & E-353 4-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. JOB NO. 6158.01 SURVEY OF Lawndale S.D.
DATE SURVEY BY Mackey Jr.
NOTES CHKD Miller NOTES BY Mackey Jr. DATE Jan 26, 1965
DATE Feb 6, 65 INDEXED C.J. GALLI DATE

F.B. 2598 Pg. 21

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM SD 3247 (Set)	97.913'				97.892	BM SD 3247 EL FB 2598-20
+	0.831		0.714			172nd St. & Firmona Ave S.W. Cor.
⊼	98 744	-7.943	7.941	-7.942		Bf. Spk. 2.0' W. of W. end S.W. Cb. Ref
−	8.774		8.655			
T. P.	89.970					
+	3.312		3.211			
⊼	93,282	-1.483	1.485	-1.484		
−	4.795		4.696			BM SD 3248 EL FB 2598-21
BM SD 3248 (Set)	88.487				88.466	172nd St. So. Cb. & 450' W. of Firmona Ave &
+	4.053		4.167			Bf. Spk in Cb. by Guy Pole 1283009E & in front
⊼	92.540	-1.010	1.005	-1.010		of Hse #4540
−	5.063		5.172			
T.P.	87.477					
+	5.143		5.220			
⊼	92.620	+1.210	+1.210	+1.210		
−	3.933		4.010			BM SD 3249 EL FB 2598-21
BM SD 3249 (Set)	88.687				88.666	172nd St. & Grevillea Ave S.E. Cor
+	5.307		5.478			Bf. Spk 2' E. of E. end S.E. Cb. Ref
⊼	93.994	+4.414	4.411	+4.413		
−	0.893		1.067			
T. P.	93.101					
+	5.953		6.192			
⊼	99 054	+2.809	+2.809	+2.809		BM SD 3250 EL FB 2598-21
−	3.144		3.383			172nd St. & 1st Alley W. of Hawthorne Blvd S.W. Cor.
BM SD 3250 (Set)	95.910				95.888	Bf. Spk 2.0' W. of W. end S.W. Cb. Ref
+	3.778		3.713			
⊼	99.688	-3.269	3.271	-3.270		
−	7.047		6.984			BM SD 3251 EL FB 2598-21
BM SD 3251 (Set)	92.641				92.618	172nd St. & Hawthorne Blvd S.W. Cor.
						Ramset nail 1.0' S. of S. end S.W. Cb. Ref

768420 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
(Set) BMSD 3251	92.641				92.618	BMSD 3251 EL FB 2598-21
+	3.960		3.832			172nd ST. & Hawthorne Blvd. S.W. Cor.
⊼	96.601	-2.212	-2.216	-2.214		Ramset nail 1.0' S. of S. end S.W. Cb. Ret
−	6.172		6.048			
T.P.	90.429					
+	2.379		2.509			
⊼	92808	-3.487	-3.488	-3.488		
−	5.866		5.997			BMSD 3252 EL FB 2598-22
(Set) BMSD 3252	86.942				86.916	171st ST. & Hawthorne Blvd S.E. Cor.
+	0.913		0.871			Ramset nail 1.0' S. of S. end S.E. Cb. Ret.
⊼	87.855	-5.239	-5.238	-5.239		
−	6.152		6.109			BMSD 3253 EL FB 2598-22
(Set) BMSD 3253	81.703				81.677	170th ST & Hawthorne Blvd S.E. Cor
+	0.871		0.772	0.856		Ramset nail 1.0' S. of S. end S.E. Cb. Ret.
⊼	82574	-5.266	-5.260	-5.262		
−	6.137		6.032	6.118		BMSD 3254 EL FB 2598-22
(Set) BMSD 3254	76.437				76.414	169th ST. & Hawthorne Blvd. S.E. Cor.
+	1.145		1.025			Ramset nail 1.0' S. of S. end S.E. Cb. Ret.
⊼	77.582	-3.777	-3.778	-3.778		
−	4.922		4.803			BMSD 3255 EL FB 2598-22
(Set) BMSD 3255	72.660				72.636	168th ST. & Hawthorne Blvd. S.E. Cor.
+	2.262		2.339			Ramset 1.0' S. of S. end S.E. Cb. Ret.
⊼	74.922	-2.754	-2.758	-2.756		
−	5.016		5.097			BMSD 3256 EL FB 2598-22
(Set) BMSD 3256	69.906				69.880	167th & Hawthorne Blvd S.E. Cor
+	2.703		2.659			Ramset 1.0' So. of S. end S.E. Cb. Ret.
⊼	72.609	-1.387	-1.383	-1.385		
−	4.090		4.042			
T.P.	68.519					

JOB NO. 6150.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Mankey Jr. DATE
NOTES BY ETM Jr. DATE Jan 26, 1965 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2598 PG. 22

768420 S & E-353 4-54

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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. (Fd)	68.519					T.P. per PG 22
+	5.363		5.395			
⊼	73.882	+0.984	+0.984	+.984		
−	4.379		4.411			BMSD 3202 EL 69.477 FB 2583-13
(Fd) BMSD 3202	69.503				69.477	Hawthorne Blvd. & 166th ST. S.W. Cor.
+	5.026		5.108			Bt. Spk. in cb. 50' W. of W. end S.W. Cb. Ret.
⊼	74.529	+0.203	+0.202	+.203		
−	4.823		4.906			
T.P.	69.706					
+	5.359		5.701			
⊼	75.065	+1.272	+1.272	+1.272		
−	4.087		4.429			BMSD 3201 EL 70.937 FB 2583-12
(Fd) BMSD 3201	70.978				70.952	W. 166th ST & Grevillea Ave. S.W. Cor.
+	4.713		4.966			Bt. Spk in Cb. 61' W. of W. end S.W. Cb. Ret.
⊼	75691	+0.361	+0.364	+.362		
−	4.352		4.602			BMSD 3257 EL FB 2598-23
(set) BMSD 3257	71.339				71.314	W. 166th ST., So. Curb 410'± W. of Grevillea Ave ℄
+	5.327		5.593			Bt. Spk. in cb. in front of Hse. #4544
⊼	76.666	+2.298	+2.301	+2.299		
−	3.029		3.292			BMSD 3258 EL FB. 2598-23
(set) BMSD 3258	73.637				73.613	W. 166th ST & Firmona Ave. S.E. Cor.
+	4.881		4.931			Bt. Spk. in Cb 2.0' E. of E. end S.E. Cb. Ret.
⊼	78.518	−0.161	−0.160	−.161		
−	5.042		5.091			BMSD 3259 EL FB. 2598-23
(set) BMSD 3259	73.476				73.452	W. 166th ST. So. Cb. & 250'± W. of Firmona Ave ℄
+	4.233		4.092			Bt. Spk in cb., by fire Hyd, in front of Hse. #4626
⊼	77.709	−1.578	−1.583	−1.576		
−	5.811		5.675			
T.P.	71.898					

NOTES RED ____ JOB NO. 6150.01 SURVEY OF Lawndale S.D.
DATE ____ SURVEY BY Mankey Jr
NOTES CHKD Miller NOTES BY ETM Jr DATE Jan 27, 1965
DATE Feb. 65 INDEXED C. J. GALLE DATE

F.B. 2598 PG. 23

768420 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.	71.898'					T.P. Per Pg 23
+	5.099'		5.090			
⊼	76.997	+0.761	+0.763	+.762		
−	4.338'		4.327			BMSD 3260 EL. F.B. 2598-24
BMSD3260 (Set)	72.659				72.638	W. 165th ST., So. Cb. at B.C.R. & 220' W. of Firmona
+	4.472		4.397			Ave ℄. Bt. Spk in cb in Front of Hse #4622
⊼	77.131	+0.004	+0.004	+.004		
−	4.468		4.393			
T.P.	72.663'					
+	4.394		4.330			
⊼	77.057	-0.857	-0.859	-.858		
−	5.251		5.189			
T.P.	71.806					
+	4.445		4.305			
⊼	76.251	-0.954	-0.954	-.954		
−	5.399		5.259			
T.P.	70.852					
+	4.017		3.766			
⊼	74.869	-1.948	-1.945	-1.947		
−	5.965		5.711			
T.P.	68.904					
+	2.999'		2.778			
⊼	71.903	-3.181	-3.182	-3.182		
−	6.180		5.960			
T.P.	65.723'					
+	4.078		4.102			
⊼	69.801'	+1.114	+1.114	+1.114		
−	2.964		2.988			
T.P.	66.837					

JOB NO. 450.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Monkey Jr. DATE
NOTES BY ETM Jr. DATE Jan 27, 1965 NOTES CHKD
INDEXED [illegible] GALLI DATE DATE

F. B. 2598 PG. 24

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. (Fd)	66.837					T.P. per Pg 24
+	1.803		1.698			
$\bar{\pi}$	68.640	-3.237	-3.237	-3.237		
−	5.040		4.935			BM SD 3204 EL. 63.572' F.B. 2583-13
BM SD 3204 (Fd)	63.600				63.572	Hawthorne Blvd. & 165th St. N.E. Cor.
+	3.663		3.584			Bt. Spk. in cb. 50' N. of N. end N.E. cb. Ret.
$\bar{\pi}$	67.263	-2.292	-2.289	-2.291		
−	5.955		5.873			
T.P.	61.308					
+	2.586		2.622			
$\bar{\pi}$	63.894	-3.323	-3.326	-3.325		
−	5.909		5.948			BM SD 3206 EL 57.956' FB 2583-14
BM SD 3206 (Fd)	57.985				57.956	Hawthorne Blvd. & W. 163rd St. N.E. Cor.
+	3.142		3.194			Bt. Spk. in cb. 45' N. of N. end N.E. cb. Ret
$\bar{\pi}$	61.127	-2.836	-2.838	-2.837		
−	5.978		6.032			
T.P.	55.149					
+	4.498		4.598			
$\bar{\pi}$	59.647	+0.339	+0.336	+.338		
−	4.159		4.262			
T.P.	55.488					
+	4.471		4.558			
$\bar{\pi}$	59.959	-0.737	-0.734	-.735		
−	5.208		5.292			
T.P.	54.751					
+	4.668		4.728			
$\bar{\pi}$	59.419	-0.958	-0.956	-.958		
−	5.626		5.684			
T.P.	53.793					

NOTES RED ____ JOB NO. 6150.01 SURVEY OF Lawndale S.D.
DATE ____ SURVEY BY Mankey Jr.
NOTES CHKD. Miller NOTES BY ETM Jr. DATE Jan 27, 1965
DATE Feb. 65 INDEXED C. J. GAIN DATE

F. B. 2598 PG. 25

768420 5 & E-353 4-54

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JOB NO. 6150.01 SURVEY OF Lawndale S.D. NOTES RED
SURVEY BY Markey Jr. DATE
NOTES BY ETM Jr. DATE Jan 27 1965 NOTES CHKD
INDEXED J. J. GALLI DATE DATE

F. B. 2598 PG. 26

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. (Fd)	53.793'					T.P. Per PG 25
+	4.498		4.588'			
⊼	58291	+0.496	+0.498	+.496		
−	4.002		4.090			BM S.D. 3209 EL 54260 F.B. 2583-15
BM SD 3209 (Fd)	54.289				54.260	Hawthorne Blvd & W. 159th ST. N.E. Cor.
+	5.230		5.268			Screw in lead in Cb 5' N. of N. end N.E. Cb. Ret.
⊼	59.519	+0.210	+0.210	+.210		
−	5.020		5.058			
T.P.	54.499'					
+	4.791		4.801			
⊼	59.290	-0.903	-0.901	-.902		
−	5.694		5.702			
T.P.	53.596					
+	4.242		4.169			
⊼	57.838	-0.769	-0.770	-.770		
−	5.011		4.939			
T.P.	52.827'					
+	4.064		4.081			
⊼	56.891'	-1.344	-1.341	-1.342		
−	5.408		5.422			
T.P.	51.483					
+	5.242		5.176'			
⊼	56.725	+1.292	1.294	+1.293		
−	3.950		3.882			
T.P.	52.775					
+	4.843		4.844'			
⊼	57.618	-0.050	-0.051	-.051		
−	4.893'		4.895			BM SD 3001 EL 52.679' F.B. 2521-8
BM SD 3001 (Fd)	52.725				52.698	Hawthorne Blvd. & 154th ST. S.E. Cor.
						Nail in lead 1' S. of S. end S.E. Cb. Ret.

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. JOB NO 6150.01 SURVEY OF Kenwood-Ave S.D.
DATE SURVEY BY Engineering Co. DATE Jan 29, 1965
NOTES CHKD Miller NOTES BY Engineering Co. DATE Jan 29, 1965
DATE Feb 65 INDEXED J. J. Call DATE

F.B. 2598 PG. 33

B.M.	1ST RUN Sz.664	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.(Ed)	52.673'					T.P. Rec. Pg 32
+	4.438		4.472			
Σ	57.111	-0.413	-0.411	-.412		
−	4.851		4.883			
T.P.	52.260					
+	4.659		4.713			
Σ	56.919'	-0.360	-0.359	-.360		
−	5.019		5.072			
T.P.	51.900					
+	4.985		5.169			
Σ	56.885	-0.293'	-0.292	-.293		
−	5.278		5.461			
T.P.	51.607					
+	4.672		4.702			
Σ	56.279	+0.018	+0.018	+.018		
−	4.654		4.684			
T.P.	51.625					
+	4.655		4.709			
Σ	56.280	-0.274	-0.274	-.274		
−	4.929		4.983			
T.P.	51.351'					
+	4.584		4.640			
Σ	55.935	-0.429	-0.431	-.430		
−	5.013		5.071			
T.P	50.922'					
+	4.522		4.563			
Σ	55.444	-0.680	-0.679	-.680		
−	5.202		5.242			
T.P	50.242					

768420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN 50.235	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. (Ed)	50.242					T.P. Per. PG. 33
+	4.727		4.773			
⊼	54.969	+0.397	+0.396	+.396		
−	4.330		4.377			
T.P.	50.639					
+	4.100		4.145			
⊼	54.739	−0.527	−0.525	−.526		
−	4.627		4.670			
T.P.	50.112					
+	4.585		4.698			
⊼	54.697	−0.199	−0.200	−.200		
−	4.784		4.898			
T.P.	49.913					
+	4.560		4.598			
⊼	54.473	−0.426	−0.422	−.424		
−	4.986		5.020			
T.P.	49.487					
+	4.608		4.639			
⊼	54.089	−0.440	−0.443	−.442		
−	5.042		5.082			
T.P.	49.047					
+	4.621		4.659			
⊼	53.668	−0.646	−0.645	−.646		
−	5.267		5.304			
T.P.	48.401					
+	4.536		4.602			
⊼	52.937	−1.333	−1.330	−1.333		
−	5.869		5.932			
T.P.	47.068					

JOB NO. 6180.01 SURVEY OF Lawndale S.D. NOTES RED.
SURVEY BY Markey Jr. DATE
NOTES BY ETM Jr. DATE Jan 29 1965 NOTES CHKD.
INDEXED C. J. GAITT DATE DATE

F.B. 2598 PG. 34

5420 353 3-51

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B.M.	1ST RUN 47.064	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
T.P. (Fd)	47.068					T.P.	Per	Pg	34		
+	4.926		5.050								
⊼	51.994	-0.446	-0.446	-.446							
−	5.372		5.496								
T.P.	46.622										
+	5.711		5.770								
⊼	52.333	+0.690	+0.690	+.690							
−	5.021		5.080								
T.P.	47.312										
+	5.293		5.412								
⊼	52.605	+0.130	+0.128	+.128							
−	5.163		5.284								
T.P.	47.442										
+	4.963		5.082								
⊼	52.405	-0.278	-0.277	-.278							
−	5.241		5.359								
T.P.	47.164										
+	4.951		5.093								
⊼	52.115	+0.442	+0.442	+.442							
−	4.509		4.651								
T.P.	47.606										
+	4.690		4.806								
⊼	52.296	-0.381	-0.381	-.381							
−	5.071		5.187								
T.P.	47.225										
+	4.973		5.061								
⊼	52.198	+0.511	+0.512	+.511							
−	4.462		4.549								
T.P.	47.736										

NOTES RED. _____ JOB NO. 6150.01 SURVEY OF Lawndale S.D.
DATE _____ SURVEY BY Mankey Jr
NOTES CHKD. Miller NOTES BY ETM Jr DATE Jan 29, 1965
DATE Feb 65 INDEXED R. J. GALLE DATE

F. B. 2598 PG. 55

768420 353 3-51

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JOB NO. 6150.01 SURVEY OF Lawndale S.D. NOTES RED. DATE
SURVEY BY Monkey Jr. DATE
NOTES BY ETM Jr. DATE Jan 29, 1965 NOTES CHKD. DATE
INDEXED C. J. GALLI DATE

F.B. 2598 PG. 36

B.M.	1ST RUN 47.732	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.(Fd)	47.736'					T.P. Per Pg. 35
+	5.138		5.209'			
⊼	52.874	+1.878	+1.877	+1.877		
−	3.260		3.332			
T.P.	49.614'					
+	6.046		6.158			
⊼	55660	+2.549	−2.548	+2.548		
−	3.497		3.610			
T.P.	52.163					
+	5.951		6.091			
⊼	58.114	+4.457	+4.459	+4.457		
−	1.494		1.632			
T.P.	56620					
+	5.648		5.832			
⊼	62268	+2.796	+2.799			
−	2.852		3.033			
T.P.	59.416					
+	6.108		5.958			
⊼	65.524	+0.861	+0.861			
−	5.247		5.097			
T.P.	60.277					
+	3.857		4.073			
⊼	64.134	−1.734	−1.733			
−	5.591		5.806			
B.M. Tor. 4-2 (Fd)	58.543				58.531	B.M. Torrance 4-2, 1961 EL 58.531' F.B. 2447-194 In the City of Torrance at Prairie Ave and Redondo Beach Blvd., 300' E. of ℄ Prairie Ave., 48.2' S. of ℄ Redondo Beach Blvd., 88.0' N.E.'ly of the N.E. Cor of the Wynn Bros (Leanse) Auto Supply Bldg. & 10° back of the cb. A Co. Engr. B.M. brass cap mon. mkd "55, Tor. 4-2," Set in conc. 10" below the surface in a well & protected by a C.I. cover mkd "Co. Eng[illegible]

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes E.T.M. Jr. Date
Date	Indexed C. J. GALLI FEB 1

F. B. 2592 PG. 37

JN 6150.01

LAWNDALE S.D.

TOPOGRAPHY

in

147th ST. INGLEWOOD AVE

To

FIRMONA AVE

Mankey Jr.
Smiley
Manley
Love
Merino

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

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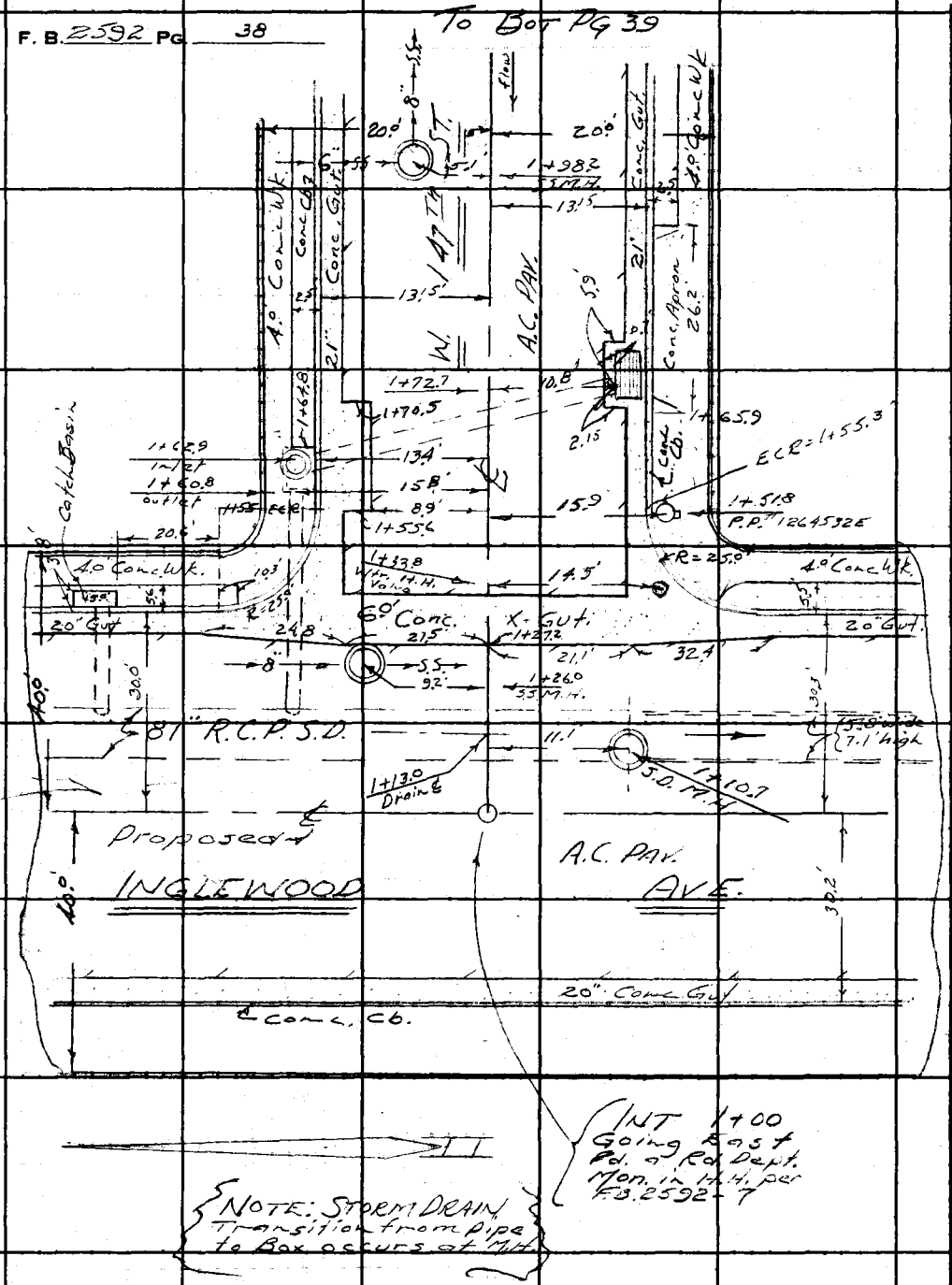
76F309S CE #310 6-63

F. B. 2592 PG. 38



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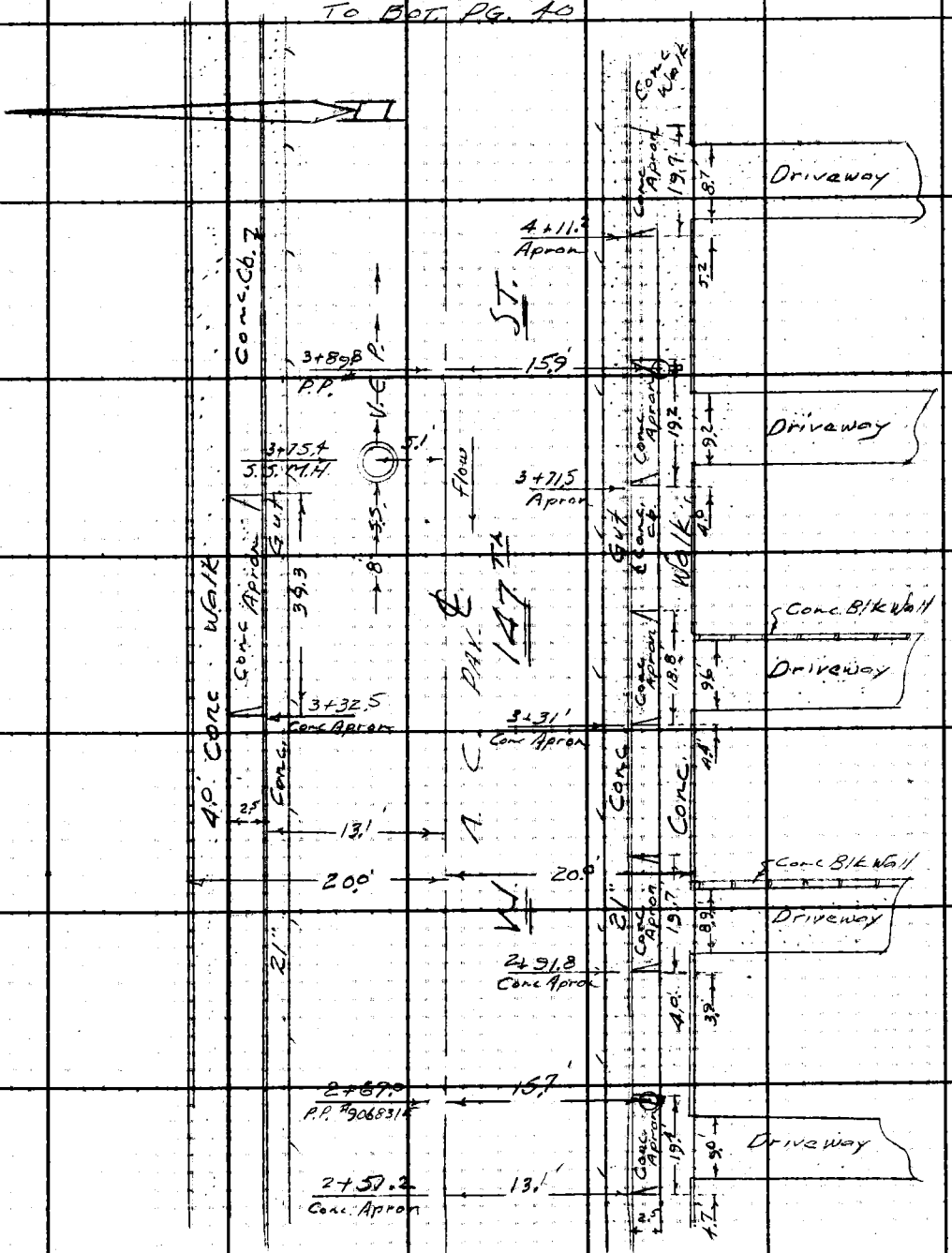
Map No.	JN 6150.01 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes E T M Jr Date 2-1-65	
Date	Indexed C. J. GALLI	



From Top Pg. 38

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76F309S CE #310 6-63

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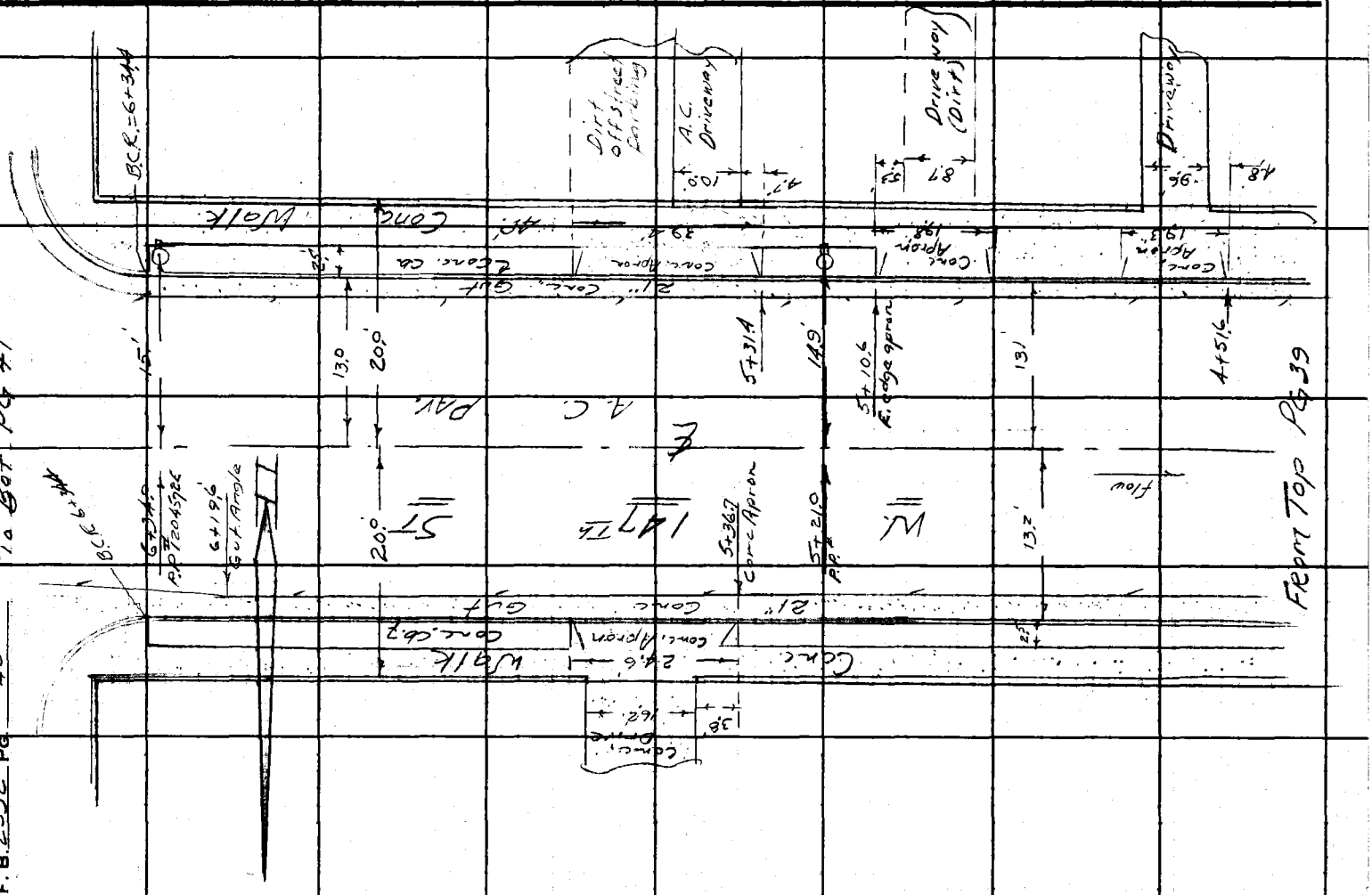
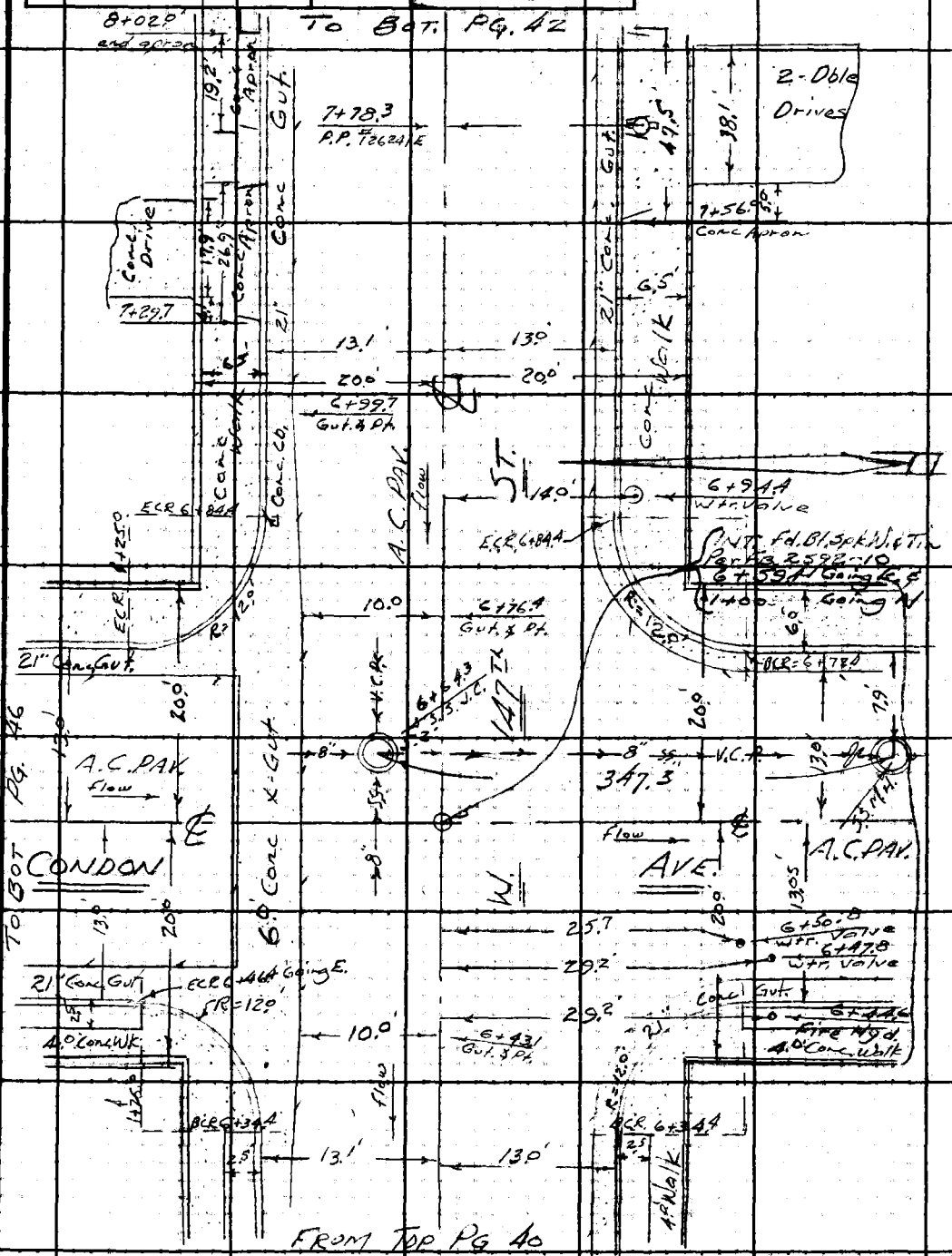


Notes Ck'd. by	Survey of Lawndale S.D.	F. B. 2592 PG. 41
Map No.	JN 6150.01 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 2-1-63	
Date	Indexed G. J. Calls	



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76F309S CE #310 6-63

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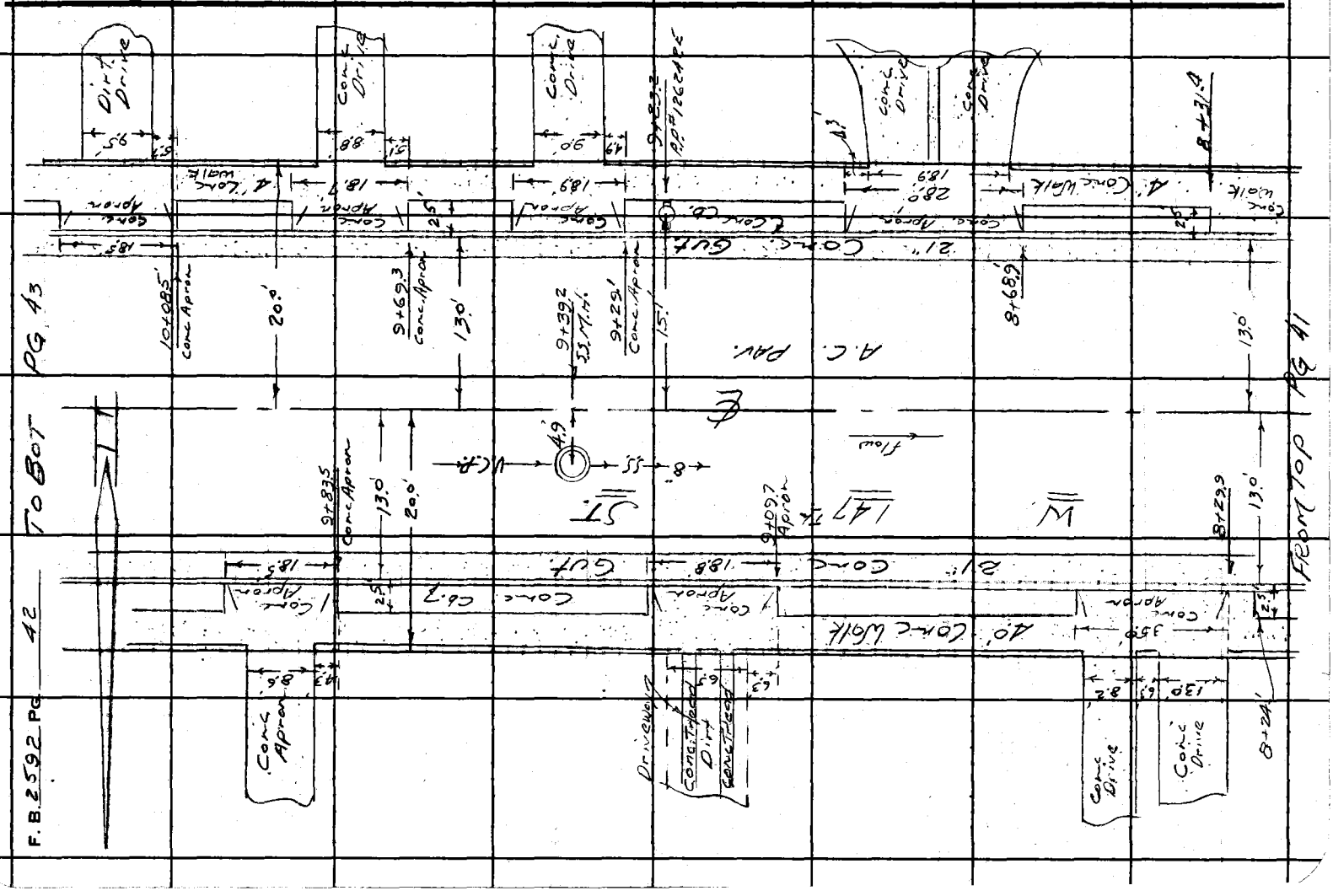
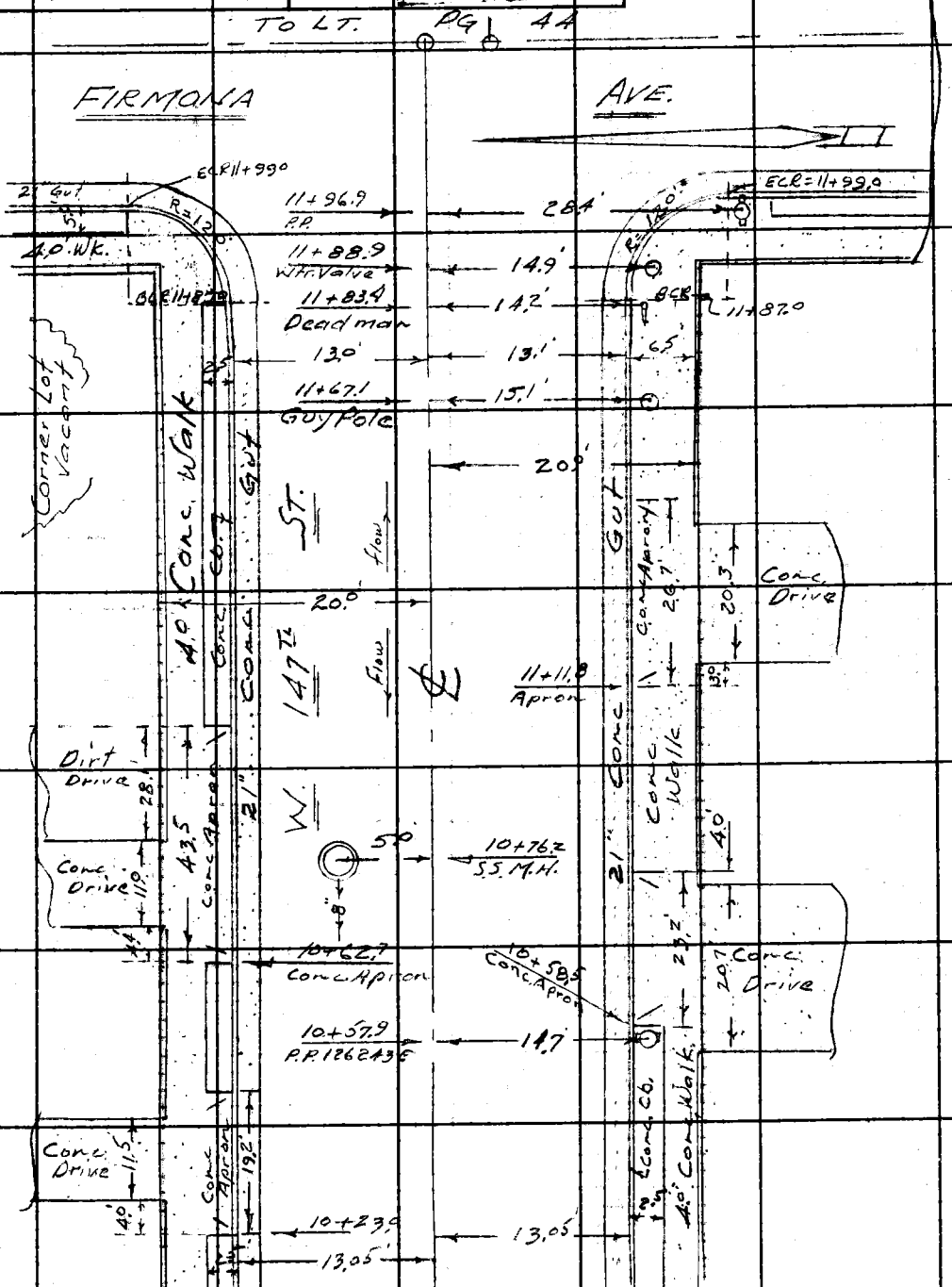


Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Mankey Jr
Checked	Notes ETM Jr Date 2-1-65
Date	Indexed C. J. GALLI

F. B. 2592 PG. 43



FROM TOP PG 42

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Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2598 Pg. 45
Map No.	JN 6150.01 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes EFM Jr. Date 2-1-65	
Date	Indexed C. J. GALLI	

JN 6150.01

LAWNDALE S.D.

TOPOGRAPHY

17

CONDON AVE.

147TH ST to NORTH of 145TH ST

Mankey Jr
Smiley
Manley
Love
Merino

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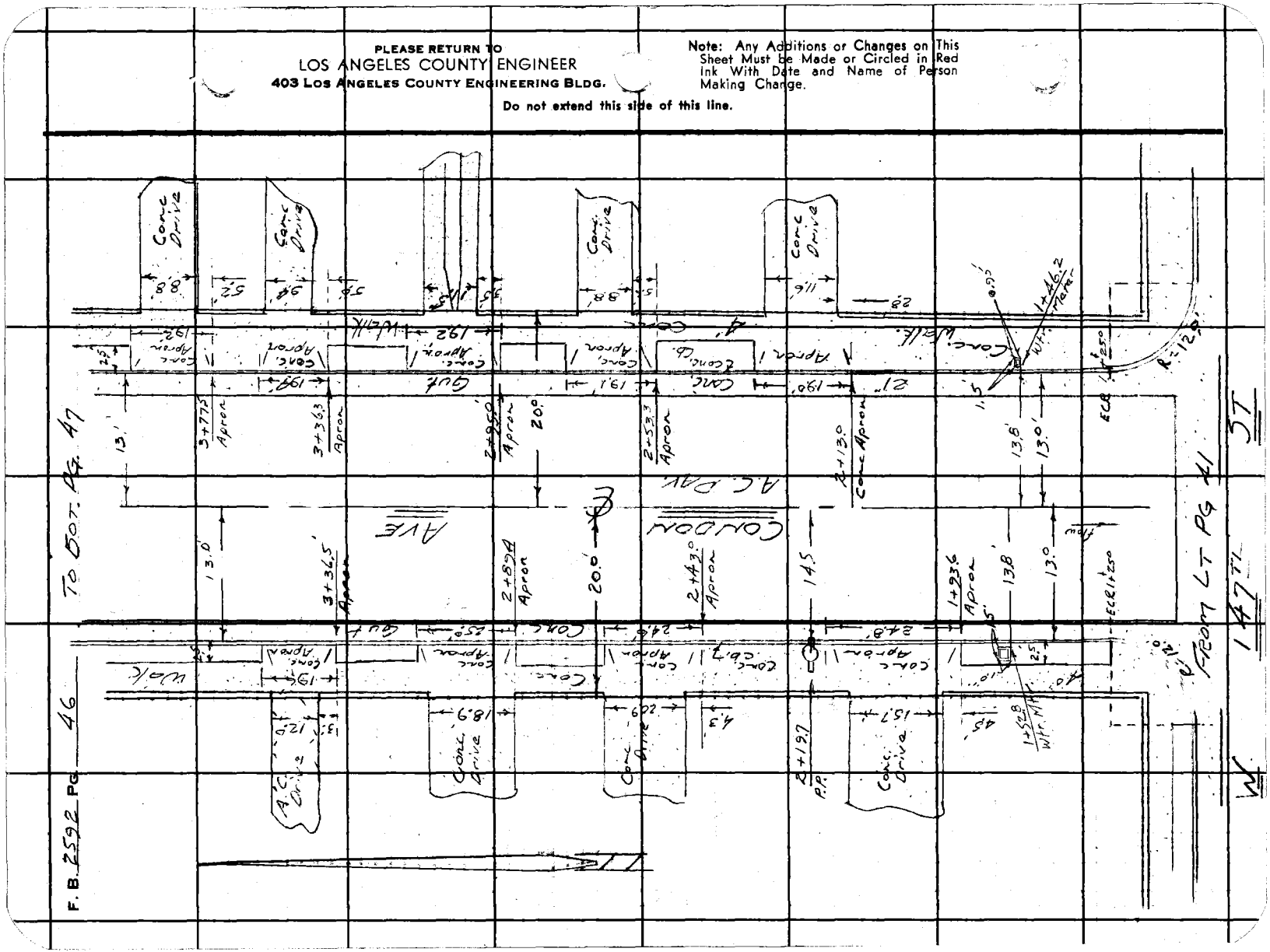
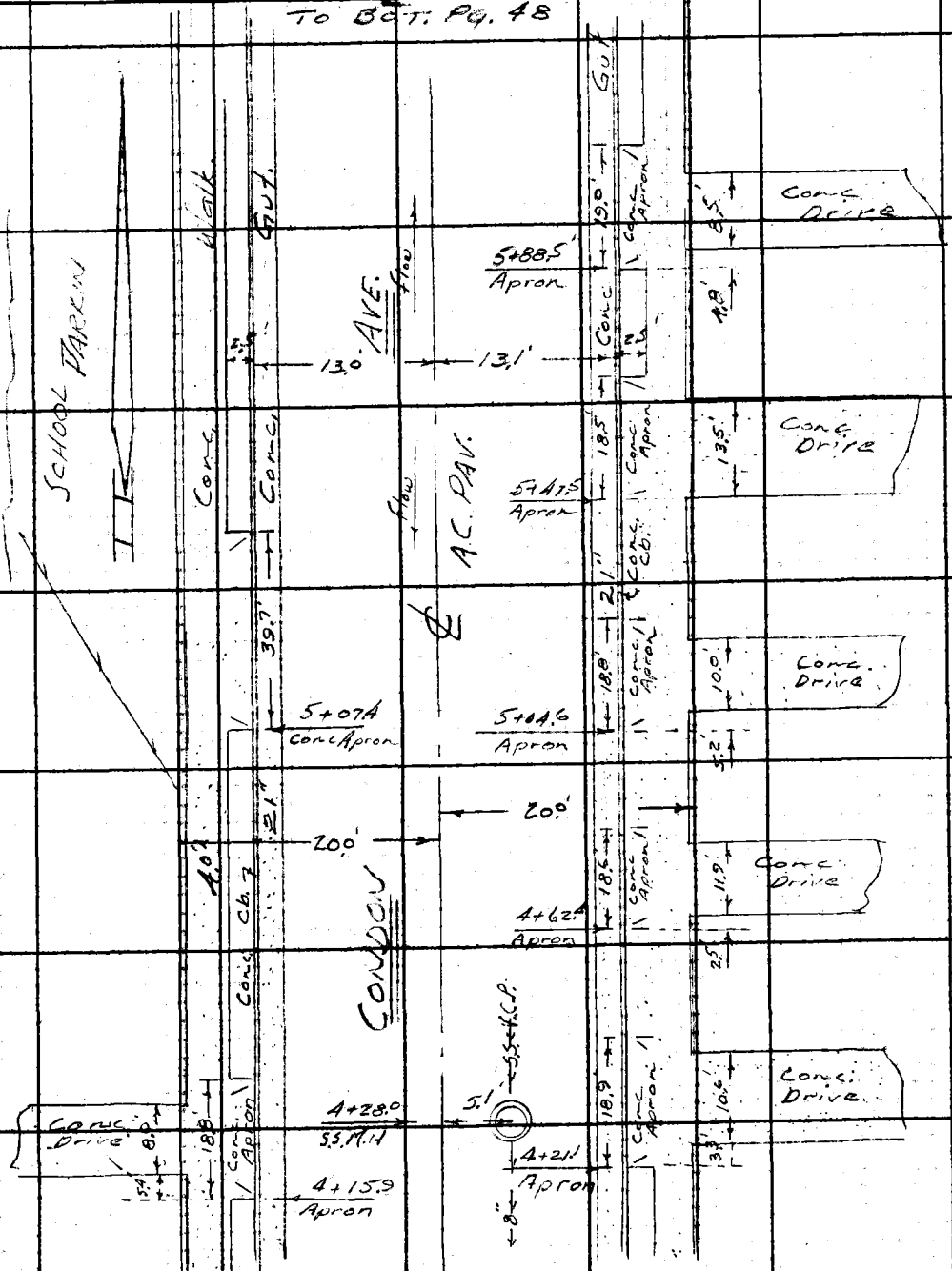


Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date 2-1-65
Date	Indexed C. J. GALLI

F. B. 2592 PG. 47

To Bot. Pg. 48



From Top Pg 46

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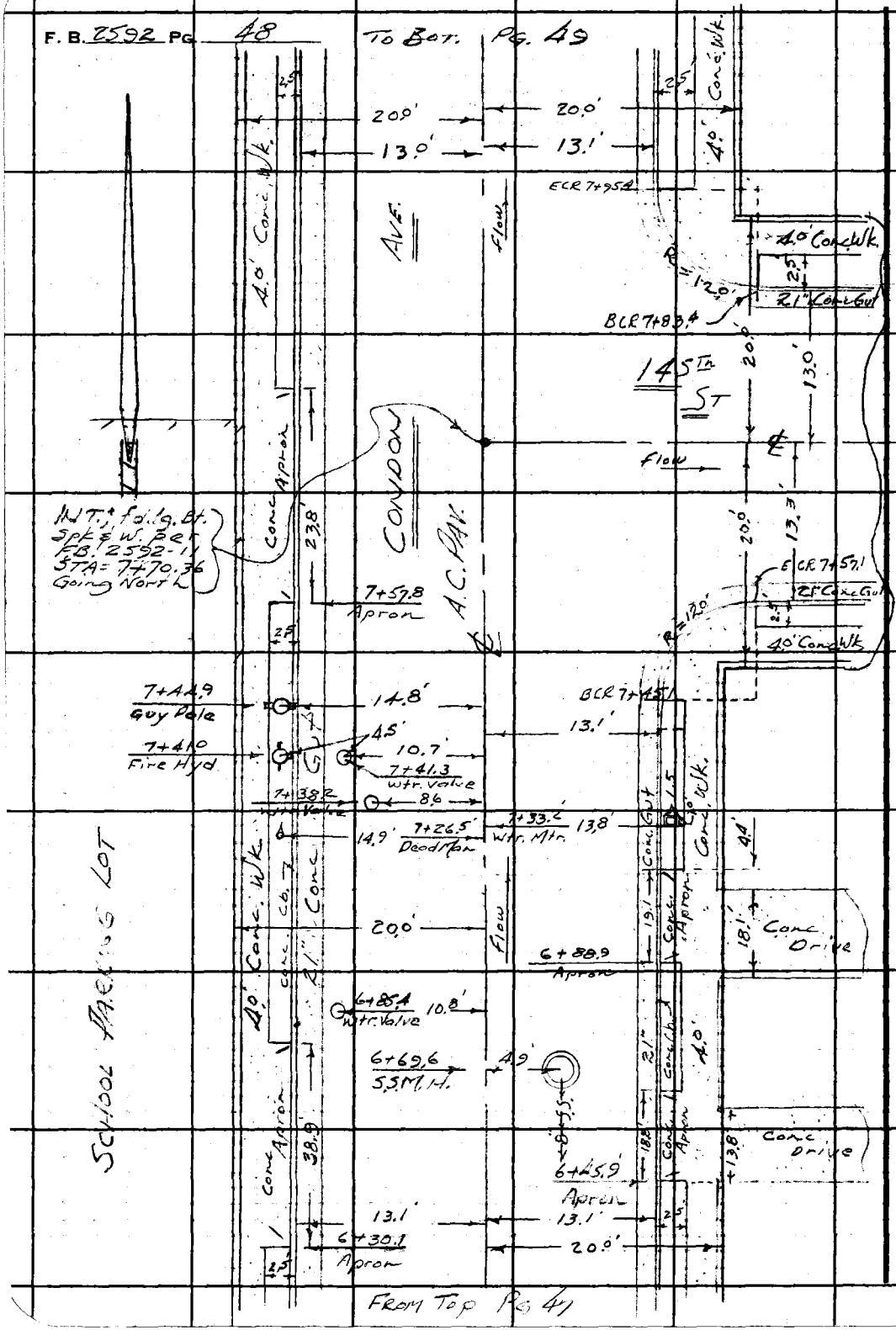
76F309S CE #310 6/63

F. B. 2592 PG. 48 To Bot. Pg. 49



From Top Pg 47

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Notes Ck'd by	Survey of *Lawndale S.D.*
Map No.	JN *6150.01* Tape ___ Std ___ °F
Office Work	Surveyed by *Mankey Jr.*
Checked	Notes *Erin Jr.* Date *2-4-65*
Date	Indexed **G. J. GALLI**

F. B. *3592* Pg. *49*

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76F309S CE #310 6-63

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes E. J. GALLI Date 2-4-65
Date	Indexed

F. B. 2592 PG. 51

JN 6150.01

LAWNDALE S.D.

TOPOGRAPHY
in
FIRMONA AVE
from
W. 147th N'ly for 500'±

Mankey Jr.
Smiley
Manley
Love
Merino

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76F309S CE #310 6-63

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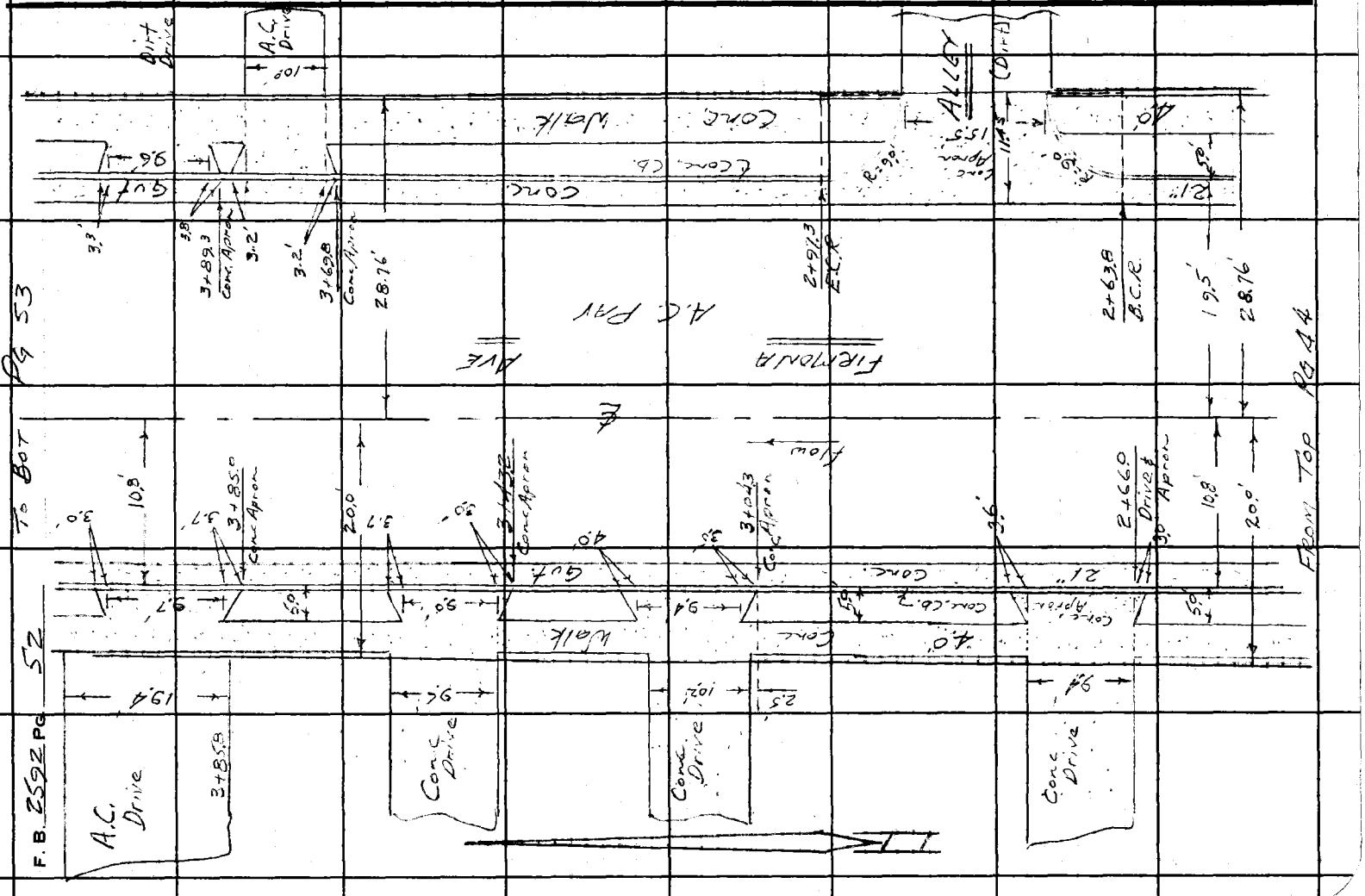
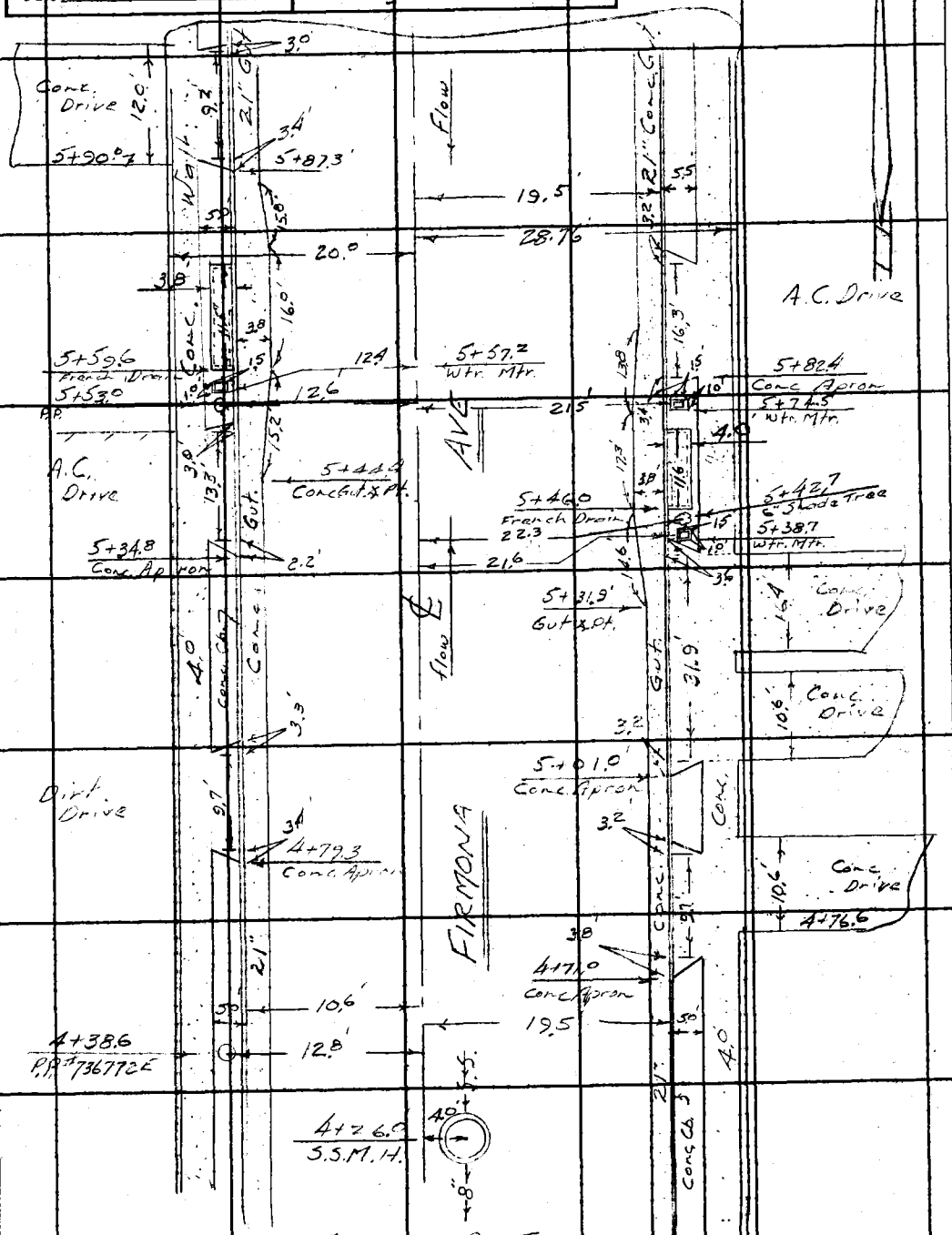


Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Mankey Jr
Checked	Notes ETM Jr Date 2-4-65
Date	Indexed C. J. GALLI

F. B. 2592 PG. 53



FROM TOP PG 52

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76F3098 CE #310 6-63

X-Sec. Notes Chkd. Checked

No. Date Date

JN 6130-01

LAWNDALE S.D.

X-SECTIONS

in

147TH ST.

from

INGLEWOOD AVE. TO FIRMONA AVE.

(See F.B. 2592-37 thru 44 for Topog.)

Mankey Jr.
Smiley
Mankey
Loves
Merino

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

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76L298 S & E #307 9-84

76L288 S & E #907 9-54

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Profile No. ____ Notes Red. ____ Plotted ____ Date ____ X-Sec. No. ____ Notes Cked ____ Checked ____ Date ____ No. ____

Job No. 66L61 Division S.D. Lawndale

Survey of Lawndale Area Storm Drains

Survey by Engineering Notes ETM & JG Date

Indexed C. J. GALLI Date

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STATION	S. S.	H. I.	F. S.	ELEV.	X-Sections in W. 147TH ST
(Fd.) B.M. S.D. 3270				64.55'	B.M. S.D. 3270 EL 64.549 FB. E592-29
					Inglewood Ave. & W. 147th St. N.E. Cor. Bt. Spk. in Cb. 4.0' E. of E. end N.E. Cb. Ref
					Lt. & No. ℄ = ℄ of 147TH ST Rt. & So.
1+00.0	℄ Inglewood Ave			63.99'	℄ A.C. Pav
"	" "			63.80'	40' A.C. Pav
"	" "			64.36'	40' A.C. Pav
1+10.7'	FL. on S.D.M.H. Rim			63.87'	11.1
1+13.0'	Invert 81" R.C.P. S.D.			53.37'	10.50 Rim (Direct to Invert) 11.1'
1+10.7	FL. S.S.M.H. Rim			63.70'	9.2'
"	Invert 8" Inlet on N.			57.33'	Inlet 63.70' Rim EL. 5.70 0.67' Rim to Flowline Size V.C.P. 63.70' 5.75' 0.67 Outlet
"	" " Outlet to S.			57.28'	57.33' Invert 57.28'
1+30.2	Conc. X Gut FL.			63.59	℄
1+30.3	S. end S.E. Cb. Ref			63.95'	38' Cb
1+30.3	" " " "			63.30'	38' Gut
1+55.3	E. " " " "			64.37'	13.1' Cb
1+55.3	" " " "			63.71'	13.1' Gut
1+30.3	N. " N.E. " "			64.23'	38' Cb.
1+30.3	" " " "			63.59	38' Gut
1+55.3	E. " " " "			64.54'	13' Cb.
1+55.3	" " " "			63.87	13' Gut.

Cb. Ref. E. side Inglewood Ave. & 147th St. N.E. Cor.

(Additional Upstream Sections Not Taken because of exist C.B. Structures)

76L298 S & E #307 9-54

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STATION	S. S.	H. I.	F. S.	ELEV.	X-SECTIONS in W. 147th ST. LT & N.	℄ = ℄ 147th ST	RT. & So.
1+98.2	CTR. S.S. M.H.	Rim Elev =		64.19'	5.1'		
	INVERT on	6" Inlet from N.		57.82'	Inlet N. 64.19 5.87 .50	Rim El. Rim to facet Size V.C.P.	Outlet E. 64.19' 6.00 0.67
	" "	8' Outlet to (S.)		57.52'	57.82'	INVERTS	57.52'
2+00				64.26		℄	
"				63.70			13' Gut
"				64.35' 64.55			13' Cb. 20' P/L
"				63.90	13' Gut		
"				64.54' 64.62'	13.1 Cb. 20' P/L & Walk		
3+00				64.36		℄	
T.P.				64.35'			
3+75.4	CTR. S.S. M.H.	Rim Elev =		64.34	5.1'		
	INVERT on	8" Inlet	W.	57.05'	Inlet W. 64.34 6.62 .67	Rim El. Rim to facet Size V.C.P.	Outlet E. 64.34' 6.70 .67
	" "	8" Outlet	E.	56.97'	57.05'	INVERT	56.97'
4+00				64.41'		℄	
"				63.87'			13' Gut,
"				64.50' 64.69'			13' Cb. 20' P/L
"				64.09	13' Gut		
"				64.75' 64.87'	13' Cb. 20' P/L		
5+00				64.55		℄	
T.P.				64.39'			

Profile Notes Red ____ Plotted ____ Job No. 6156 Division No. ____ F.B. 25 92 No. 3
No. ____ Date ____ Date ____ Survey of Lawndale S.D. Date 2-5-65
X-Sec. Notes Chkd. ____ Checked ____ Survey by Markgraf Notes ETM Date 2-5-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in W. 147th ST					
					LT. & NO.		℄ = ℄ 147th ST	RT & SO.		
6+00				64.63			℄			
6+34.4 W. end S.W. C.R. at Condon Ave				64.76				13' Cb.		
6+34.4 " " " " " " "				64.16				" Gut.		
6+46.4 S " " " " " "				65.00				25' Cb.		
6+46.4 " " " " " "				64.32				25' Gut		
6+46.4 10 So. of S. end S.W.C.R. " " "				64.92				35' Cb.		
6+46.4 " " " " " " " " "				64.28				35' Gut		
6+34.4 W. end N.W. C.R. " " "				65.04	13' Cb					
6+34.4 " " " " " "				64.39	13 Gut					
6+46.4 N " " " " " "				65.17	25' Cb					
6+46.4 " " " " " " "				64.50	25' Gut					
See X-SECTIONS (Pg 64) of Condon Ave for Standard upstream sections										
6+59.41 ℄ Int. Condon Ave.				64.77			℄			
6+64.3 CTR. S.S.J.C. Rim El =				64.76		5.2'				
Invert 8" Inlet on W.				55.99	Inlet W. 64.76	Rim EL.	Inlet N. 64.76	Inlet E. 64.76	Rim EL	Outlets 64.76
" " " " N.				56.09	8.10	Rim to Facet	8.00	8.04	Rim to facet	8.15
" " " " E.				56.05	.67	Size V.C.P.	.67	.67	Size V.C.P.	.67
" " Outlet to S.				55.94	55.99	INVERT	56.09	56.05	INVERT	55.94
S.S.M.H. in Condon Ave 342' So. of 147th ST ℄				62.05	62.05' Rim EL 6.55 Rim to facet 0.67 Size V.C.P.					
INVERT of 8" Inlet on N.				54.83	54.83' INVERT					

Profile No. X-Sec. No.
Plotted Date Notes Red Date Notes Chkd Date Division No. 6150.01 Job No. 6150.01 Survey of Lawndale S.D. Survey by Mankey Jr. Notes FTM Jr. Indexed C. J. GALLY Date
Pg. 58 S. 3592

76L298 S & E #307 9-84

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Profile Notes Red____ Plotted____ Job No. 65201 Division No.____
No.____ Date____ Date____ Survey of Condon-Edde S.D. F.B. 23922 Pg 39
Z-Sec. Notes Chkd.____ Checked____ Survey by Markey/Nunez/Ford Date 2-27-85
No.____ Date____ Map No.____ Indexed A. GALLI Date____

STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS	W 147th ST
					Lt ℄ No.	℄ = ℄ 147th ST Rt ℄ So.
6+72.4						
10' So. of S. end S.E. C.R. at Condon Ave.				64.97'		35' Cb.
6+72.4						
" " " "	" "	" "	" "	64.33'		" Gut.
6+72.4						
" " " "	" "	" "	" "	65.00'		25' Cb.
6+72.4						
" " " "	" "	" "	" "	64.38		25' Gut.
6+84.4						
E. " "	" "	" "	" "	65.23'		13' Cb.
6+84.4						
" " " "	" "	" "	" "	64.56'		" Gut.
6+72.4						
N. " N.E.	" "	" "	" "	65.29	25' Cb.	
6+72.4						
" " " "	" "	" "	" "	64.63'	" Gut	
6+84.4						
E. " "	" "	" "	" "	65.27'	13' Cb.	
6+84.4						
" " " "	" "	" "	" "	64.59'	13' Gut	
See X-Sections of Condon Ave for Standard upstream sections Pg 64						
6+94.4				65.08		℄
"				64.93'		6.5'
"				64.79'		11' edge Gut
"				64.65'		13' Gut
"				65.35 / 65.42		13 Cb. 20' P/L
"				64.98	6.5	
"				64.81'	11' edge Gut	
"				64.67' / 65.32	13' Gut / 13' Cb.	
"				65.18'	20' P/L	

76L298 S & E #307 9-54

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7,74

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS IN W. 147TH ST. LT. & NO.	℄ = ℄ of 147TH ST. RT. & SO.
7+34.4				65.25		℄
"				65.20		6.5'
"				65.04		11 edge gut
"				64.87		13' Gut
"				65.51 / 65.64		13' Cb. 20' P/L
"				65.28	6.5'	
"				65.21	11 edge gut	
"				65.05	13' Gut	
"				65.73 / 65.89	13' Cb. 20' P/L	
8+34.4				65.90		℄
"				65.80		6.5
"				65.59		11' edge gut
"				65.60		13' Gut
"				66.19 / 66.35		13' Cb. 20' P/L
"				66.06	6.5'	
"				66.07	11' edge gut	
"				65.92	13' Gut	
"				66.58 / 66.78	13' Cb. 20' P/L	
9+00				66.37		℄
T.P.				66.97		

F. B. 2592 Pg. 60 Job No. 6150.01 Division No. Notes Red Plotted Profile
Survey of Lawndale S.D. Date Date No.
Survey by ETM Jr. Notes Monkey Jr. Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76L298 S & Z #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in W. 147TH ST
					℄ = ℄ 147TH ST
					LT & NO.		RT & So.
9+39.2	CTR. SSMH Rim EL.			66.80	(5.0 LT)	Inlet E. 66.80	Rim EL to face Size K.P.	Outlet W. 66.80
	INVERT on 8" Inlet E.			57.31		8.82		8.90
	" " " Outlet W.			57.23		.67	INVERT	.67
						57.31		57.23
10+00				67.09			℄	
"				66.59				13' Gut
"				67.23				13' CB. P/L
"				67.40				20'
"				67.20		13' Gut		
"				67.85		13' CB.		
"				67.99		20' P/L		
10+76.2	CTR. SSMH. Rim EL.			67.62				
	INVERT of 8" outlet to W.			57.77		9.18 Rim to face of 8" V.C.P.		
11+00	(High point)			67.55			℄	
11+87°	W. end S.W.C.R. at Fireman			67.32				13' CB.
11+87°	" " " " "			66.69				13' Gut
11+99°	S. " " " "			66.62				25' CB.
11+99.°	" " " " "			65.96				" Gut
10' So of	11+99.° " " " "			66.35				35' CB.
"	11+99.° " " " "			65.70				35' Gut
11+87.°	W.	N.W.C.R.	"	67.64		13' CB.		
11+87°	"	" "	"	66.99		13' Gut		

Profile Notes Bnd. Plotted Job No. 646.0 Div. No.
No. Date Date Survey of Lynndale T.R.
T-Sec. Notes Chkd. Checked Survey by Mackey Notes E.M.S. Date 2-8-55
No. Date Date Map No. Indexed C. J. GALLOWAY

F. B. 2592 P. 64

76L298 S & E #807 9-54

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STATION	S. S.	H. I.	F. S.	ELEV.	X-SECTIONS of 147th ST	
					LT & N.	℄ = ℄ 147th RT & So.
11+99.0 N. end N.W. CR.		at Firmona		67.35'	25' Cb.	
" " "	" "	"	"	66.66'	" Gut.	
12+09.75 ℄ Intr.		"	"	66.83		℄
12+13.6 CTR. S.S. M.H. Rim El.				66.74'		2.2'
INVERT on 8' Inlet No.				57.58'	Inlet N. 66.74 / 8.49' / .67 / 57.58 — Rim El. / " to Facet / Size V.C.P. / INVERT	Outlet S. 66.74 / 8.71' / .67 / 57.36
" " " Outlet So.				57.36'		
12+29.7 10' S. of S. end S.E. CR.		at Firmona Ave		65.60'		52' Cb
12+29.7 " " " " "	" "	"	"	64.92		" Gut
12+29.7 " "	" "	"	"	65.84		42' Cb
12+29.7 " "	" "	"	"	65.16		" Gut
12+44.7 E "	" "	"	"	65.98		27' Cb.
" " "	" "	"	"	65.31		27' Gut
12+54.7 10' E. of " "	" "	"	"	65.86		27' Cb.
12+54.7 " " " " "	" "	"	"	65.20		27' Gut
12+29.2 N. "	N.E.	"	"	67.30	37.8' Cb.	
" " "	"	"	"	66.64'	" Gut.	
12+44.2 E. "	"	"	"	66.90	22.8' Cb.	
" " "	"	"	"	66.22	22.8' Gut.	
BM SD 3275 (Fd.)				65.72	BM SD 3275 El. 65.709 147th ST. & Firmona Ave. Bt. Spk. in Cb. 5' So. of S. end S.E. Cb. Ret.	FB. 2592-31 S.E. Cor.

Profile
Plotted ____ No. ____
Date ____ X-Sec.
Checked ____ No. ____
Date ____
Notes Red. ____ Date ____
Notes Chkd. ____ Date ____
Job No. 6150.01 Division No. ____
Survey of Lawndale S.D.
Survey by Mankey Jr. Notes E.T.M. Jr.
Indexed G. J. Gatti Date ____

F.B. 2592 Pg. 62

Profile	Notes Red.	Plotted	Job No. 6150.01	Division No.	F. B. 2592	Pg. 63
No.	Date	Date	Survey of Lawndale S.D.			
X-Sec.	Notes Chkd.	Checked	Survey by Mankey Jr.	Notes ETM Jr.	Date 2-8-65	
No.	Date	Date	Map No.	Indexed E. J. GALLI	Date	

JN 6150.01

LAWNDALE S.D.

X - SECTIONS in CONDON AVE. from 147th ST N'ly to a Point

300'± NORTH of 145th ST

(See F.B. 2592 - 46 thru 49 for Topog.)

Mankey Jr.
Smiley
Love
Merino
Manley

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

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76L298 S & E #307 9-54

76L295 S & E #307 9-54

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F.B. 2592 Pg. 64 Job No. 6150-2 Division No. Profile
Survey of Lawndale 5.0 No. X-Sec.
Survey by Mankey & Notes STCT Plotted
Indexed C. I. GALL Date Notes Red Date
Checked Date Notes Chkd Date

STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in CONDON AVE	
(Fd) BMSD 3272				65.01	BMSD 3272 EL 65.01 W. 147TH ST. & Condon Ave. S.E. Cor. Bt. Spk. in Cb. 5.0' S. of S. end S.E. Cb. Ret	F.B. 2592-29
					LT ℄ W	℄ = ℄ Condon Ave RT ℄ E.
1+00.00	℄ Int with 147TH ST.			64.77	℄	
1+13.0	F.L. of Conc. X-Gut			64.63	℄	
1+35				65.08	℄	
"				64.98		6.5' Pav.
"				64.90		11' Gut edge
"				64.76		13' Gut.
"				65.40		13 Cb 20' P/L
"				65.48		
"				64.92	6.5' Pav	
"				64.77	11' Gut. edge	
"				64.61	13' Gut.	
"				65.25	13' Cb.	
"				65.41	20' P/L	
1+75				65.46	℄	
"				65.35		6.5' Pav
"				65.26		11' edge Gut
"				65.11		13' Gut
"				65.74		13' Cb.
"				65.89		
"				65.32	6.5' Pav	
"				65.13	11' edge Gut.	

76L298 S & E #307 9-54

4.05
3.97

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in CONDON AVE. LT. & W.	℄ = ℄ of Condon Ave	RT. & E.
1+75				64.98	13' Gut		
"				65.63'	13' Cb.		
				65.72'	20' P/L		
2+75				67.63		℄	
"				67.49'			6.5'
"				67.30'			11' edge gut
"				67.15'			13' "
"				67.80'			13' Cb. 20' P/L
				67.96'			
"				67.53	6.5'		
"				67.40	11' edge gut		
"				67.23'	13' Gut.		
"				67.88'	13' Cb.		
				67.96'	20" P/L		
3+00 T.P.				68.60		℄	
				69.87			
4+00				72.92'		℄	
			N. Rim EL.	74.05'			
4+28.0 CTR. S.S.M.H.			S. Rim EL	73.97	Inlet N. 74.05'	Rim EL	5.1' Outlet S. 73.97'
INVERT on		8" Inlet	N.	64.18'	9.20'	" to Facet	9.35'
					.67'	size V.C.P.	.67'
" "		8" Outlet	S.	63.95	64.18'	INVERT	63.95'
5+00				76.94'		℄	
"				76.65'			13' Gut
"				77.29			13' Cb.
"				76.90	13' Gut.		
"				77.54'	13' Cb.		

Profile Notes Red. ____ Plotted ____ Job No. 6150 Division No. ____ F. B. 2592 Pg. 63
No. ____ Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Hankey W. Notes ETM Date 2-8-65
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

76L298 S & E #307 9-54

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770
17
59

8.69
8.04

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STATION	S. S.	H. I.	F. S.	ELEV.	X-SECTIONS in CONDON AVE	
					LT. & W.	℄ = ℄ Condon Ave RT. & E.
5+95.4				79.04'		℄
"				78.94'		6.5'
"				78.89'		11' Gut
"				78.72'		13' Gut.
"				79.26'		13' Cb. 20' P/L
				79.53'		
T. P.				79.03		
6 +69.6	S.S. M.H.	Rim EL		78.80'		4.9'
INVERT on 8" outlet to So.				67.43	10.70 Rim to Facet 8" V.C.P.	
6+95.4				78.39'		℄
				78.16'		6.5'
				78.01		11' Gut
				77.84		13' Gut
				78.47		13' Cb. 20' P/L
				78.65		
7+00				78.28		℄
"				78.48'	13' Gut.	
"				79.15'	13' Cb. 20' P/L	
				79.27'		
7+35.4				76.93		℄
"				76.85'		6.5'
"				76.77'		11' Gut
"				76.57'		13' Gut
"				77.23'		" Cb.
				77.[illegible]		13' Cb. 20' P/L

F. S. 2592 Pg. 66
Job No. 6150.01 Division No. Notes Red. Plotted No. Profile
Survey of Lawndale S.D. Date Date X-Sec.
Survey by Mankey Notes Etc. Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date

761298 S & E #307 9-54

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Profile No. Date Notes Red No. Date X-Sec. Notes Chkd. No. Date

Plotted Date Checked Date Job No. 6456-01 Division No. Survey of Lankershim Blvd. Survey by Mendenhall Notes by E.T.M. Date 2-6-56 Indexed Date Map No. F. B. 2572 Pg. 67

STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in Condon Ave	
					LT ℄ W	℄ & Condon Ave. RT ℄ E.
7+45.1	S. end S.E.C.R. at 145th St.			76.89'		13' Cb.
"	" " " " " "			76.24'		13' Gut
7+57.1	E " " " " "			75.47'		25' Cb.
"	" " " " " "			74.77'		" Gut.
16' R of	7+57.1 " " " " "			74.86'		35' Cb.
"	7+57.1 " " " " "			74.17'		35' Gut.
	7+70.36 ℄ Int. 145th St			74.97'	℄	
7+83.1	E. end N.E.C.R. at 145th St.			73.67'		25' Cb.
"	" " " " " "			73.01'		" Gut
7+95.1	N. " " " " "			73.34'		13' Cb.
"	" " " " " "			72.67'		13' Gut.
8+00				73.06'	℄	
"				72.43'		13' Gut
"				73.06' 73.13'		13' Cb. 20' P/L
"				73.46'	13' Gut	
"				74.06' 74.15'	13' Cb. 20' P/L	
T.P.				71.93'		
8+84.0	Ctr. SSMH Rim El		So. Rim No.	68.66' 68.58'		6.3' Out Hat N. 68.58' 6.81' .67 61.10'
	Invert on 8" In at So.			61.21'	In-let So. 68.66' 6.78 .67 61.21'	Rim El " to Face Size VCP Invert
	" " " Out let to No.			61.10'		

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	CONDON AVE LT & W.	X-SECTIONS ℄ ± in Condon Ave RT. & E.
9+00				68.34		℄
"				67.68		13' Gut.
"				68.35 / 68.53		13' Cb. 20' P/L
"				68.69	13' Gut.	
"				69.34 / 69.42	13' Cb. 20' P/L	
10+00				67.35		℄
"				66.84		13' Gut.
"				67.49 / 67.78		13' Cb. 20' P/L
"				67.71	13' Gut.	
"				68.37 / 68.49	13' Cb. 20' P/L	
10+22.3	at French Drain			66.69		13' Gut
"				67.38		13' Cb
10+30.7	GR. of opening at C.B.			66.40		13' Gut
"	" " " " "			67.38 / 67.68		13' Cb. 20' P/L
10+31	Conc. X-Gut.			67.23		℄
10+31.5				67.78	13' Gut.	
"				68.35 / 68.41	13' Cb. 20' P/L	
10+39				66.74		13' Gut
"				67.40		13' Cb.
11+00				67.50		℄

F. S. 2592 Pg. 68 Job No. 6150.01 Division No. Notes Red. Plotted No. Profile
Survey of Lawndale S.D. Date Date X-Sec.
Survey by ETM Jr. Notes Mandeville Notes Chkd. Checked No.
Indexed J. GALLI Date Date Date

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in CONDON AVE	
					LT & W.	℄ = ℄ of CONDON AVE. RT & E.
11+00	-			66.97'		13' Gut
"				67.60'		13' Cb
				67.85'		20' P/L
"				67.78	13' Gut	
"				68.45	13' Cb.	
				68.55'	20' P/L	
T.P. (Fd)				71.40	BM SD 3273 EL 75.184 F.B. 2592-30	
BM SD 3273				75.19	CONDON AVE & 145TH ST. S.E. COR.	
					BT. SPK. in Cb. 5.0' E. of E. end S.E. Cb. Ret.	

Profile Notes Red. ____ Plotted ____ Job No. 6169-01 Division No. ____ F.B. 2592 Pg. 69
No. ____ Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Markey Jr. Notes ETM Jr. Date 2-8-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLA Date ____

Profile	Notes Red	Plotted	Job No. 6150.01	Division No.	F. B. 2592 Pg. 71
No.	Date	Date	Survey of Lawndale S.D.		
X-Sec.	Notes Chkd.	Checked	Survey by Mankey Jr.	Notes ETM Jr.	Date 2-8-65
No.	Date	Date	Map No.	Indexed B. J. GALLI	Date

JN 6150.01

LAWNDALE S.D.

X-SECTIONS

in

FIRMONA AVE

from

147TH ST. To a Pt. 500'± N. of 147TH ST.

(See Pgs 52 & 53 for Topog.)

Mankey Jr.
Smiley
Marino
Manley
Love

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

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in FIRMONA AVE.	
(Fd) BM SD. 3275				65.71'	BM SD 3275 EL 65.709 147th ST. & Firmona Ave. Bt. Spk in Cb 5.0' S. of S end S.E. Cb. Ret.	F.B. 2592-31 S.E. Cor.
					LT. & W.	℄ = ℄ Firmona Ave RT & E.
1+00.00	℄ Int.	147th ST.		66.83'		℄
1+13.0 W. end.	N.W. C.R.	at 147th ST.		67.64'	22.75' Cb	
" " "	" "	" "	"	66.99'	" Gut	
1+25.0 N. "	" "	" "	"	67.35'	10.75 Cb	
" " "	" "	" "	"	66.66'	" Gut	
1+22.8 E "	N.E. C.R.	" "	"	66.90		34.4' Cb
" " "	" "	" "	"	66.22		" Gut
1+37.8 N. "	" "	" "	"	67.30		19.4 Cb
" " "	" "	" "	"	66.64		" Gut
2+00				66.96'		℄
"				66.57'		19.4 Gut
"				67.21		" Cb 28.7' P/L
"				67.40'		
"				66.54	10.7 Gut.	
"				67.21	" Cb	
				67.41	20' P/L	
2+63.8 S. end	S.E. C.R.	at Alley		67.21		19.4 Cb.
" " "	" "	" "		66.55		" Gut
2+72.8 E "	" "	" "		67.41'		28.4' Cb
" " "	" "	" "		67.30'		" Gut

F. B. 2592 Pg. 72 Job No. 6150.0 Division No. Notes Red. Plotted No. Profile
Survey of Lawndale S.D. Date Date X-Sec.
Survey by ETM Jr. Notes Markay Jr. Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

76L296 S & E #307 9-54

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Profile Notes Rod____ Plotted____ Job No. 6152-2 Division No.____
No.____ Date____ Date____ Survey of Firmona Ave. from Lemon Ave. to Dana Ave. F.B. 6592 Pg. 73
T.-Sec.____ Notes Chkd.____ Checked____ Survey by Gallbois & Lemmon
No.____ Date____ Date____ Map No.____ Indexed C. J. GALLBOIS

STATION	B. S.	H. I.	F. S.	ELEV.	FIRMONA AVE	X-SECTIONS
					LT. ℄	℄ of Firmona Ave. RT. ℄
2+88.3 E. end N.F.C.R. at Alley.				67.27		28.5' Cb.
" " " " " "				67.19		" Gut.
2+97.3 N. " " " "				66.98		19.5' Cb.
" " " " " "				66.33		" Gut.
3+00				66.72	℄	
4+00				65.19	℄	
"				64.55		19.5' Gut
"				65.18		" Cb, 28.7 P/L
"				65.43		
"				64.79	10.8' Gut.	
"				65.42		
				65.70	20' P/L " Cb.	
4+26.0 Ctr. S.S.M.H. Rim El				64.84		4.0
Invert on 8" Inlet on N,				58.35'	Inlet N 64.84 5.82 .67 58.35	Rim El, " To face Side V.C.P. Outlet S. 64.84 5.85 .67 58.32'
T.P. " " 8 Outlet to S.				58.32' 64.11		
5+00				64.13	℄	
"				63.97		19.5' Gut
"				64.62		19.5 Cb 28.7 P/L
"				64.83		
"				64.07	10.8' Gut	
"				64.71	10.8' Cb	
5 ◯ +46.0				64.34		
"				64.46	20' P/L	℄
				64.39		15.6' Gut edge

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	FIRMONA AVE LT. & W.	X-SECTIONS ℄ = ℄ of Firmona Ave RT. & E.
5+46.0				63.92		19.5' Gut
"				64.60'		" Cb.
5+54.3'				64.50	℄	
"				64.40'		15.6' edge Gut.
"	Gut. at Ctr. of French Drain Opening			63.63'		19.5' Gut.
"				64.56'		" Cb.
				64.87'		28.7' P/L
5+59.6				64.53'	℄	
"				64.41'	6.9' Gut	
"				63.97'	10.8' Gut	
"				64.60'	" Cb.	
5+62.2				64.53'	℄	
"				64.38'		15.6' edge Gut.
"				63.93'		19.5' Gut.
"				64.59		" Cb.
5+68.0				64.55'	℄	
"				64.42'	6.9' Gut	
"	Gut. at Ctr. of French Drain Opening			63.73'	10.8' Gut	
"				64.62'	" Cb.	
				64.97'	20' P/L	
5+77.4				64.52	℄	
"				64.40'	7.1 edge Gut.	

T. B. 2392 Pg. 74 Job No. 615401 Division No. Notes Red. Plotted Profile
Survey of Lawndale S.D. Date Date No.
Survey by E.M. Jr. Notes Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	FIRMONA AVE - X-SECTIONS	
					LT & W	℄ = ℄ of FIRMONA RT & E
5+77.4				63.95	10.8' Gut	
"				64.62	" Cb.	
6+00				64.45	℄	
"				64.07		19.5' Gut
"				64.71		" Cb
				65.02		28.7 P/L
"				64.07	10.8' Gut	
"				64.72	10.8' Cb	
				64.95	20' P/L	
(Fd) BMSD3274				64.58	BMSD 3274 EL 64.587' FB. 2592-30 Firmona Ave. E. Curb & 420± N. of W. 147th St. Bt. Spk on C.B. in front of Hse. # 14520	

Profile Notes Red. ____ Plotted ____ Job No. 6150.0 Division No. ____ F.B. 2592 Pg. 75
No. ____ Date ____ Date ____ Survey of Lawndale J.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Markey Jr. Notes FTM Jr. Date Feb 9, 65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape 0213 Std 68 °F
Office Work	Surveyed by Monkey Jr.
Checked	Notes Eng. Jr. Date 2-9-65
Date	Indexed C. J. GALLI '65

F. B. 2592 Pg. 77

JN 6150.01

LAWNDALE S.D. PROJECT NO. 5001

CENTER LINE (A) & (J) AREA

IN

COMPTON BLVD.

From

HAWTHORNE BLVD to FIRESTONE AVE.

Monkey Jr
Smiley
Manley
Love
Merino

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

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

76F3065 CE #310 6&3

F. B. 2592 PG. 78

INDEX MAP

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

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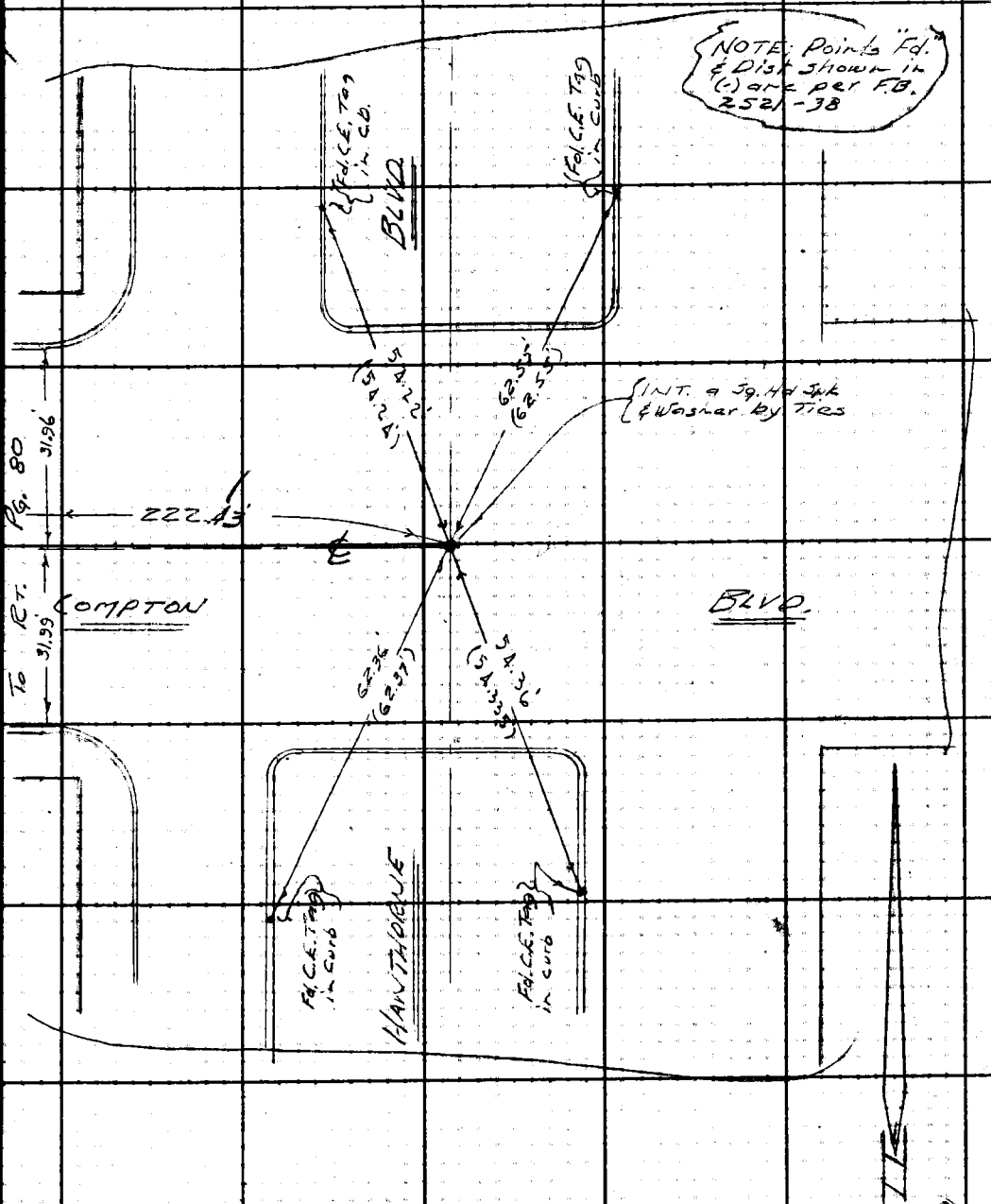
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 79
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 2-10-65	
Date	Indexed C. J. GALLI	

W.S. 25, C-2



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

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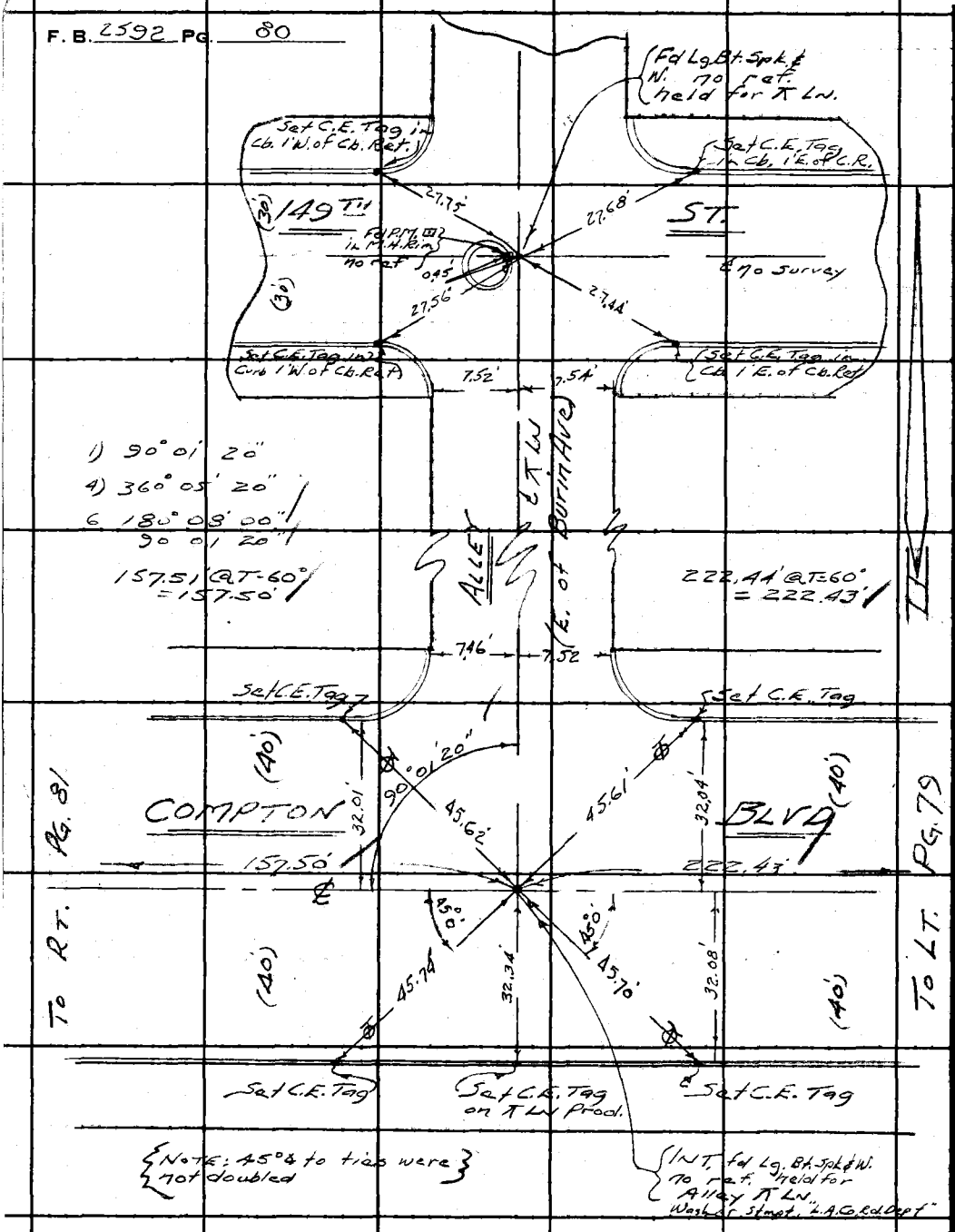
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 2592 Pg. 80



W.S. 25/C-2

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403 Los Angeles County Engineering Bldg.

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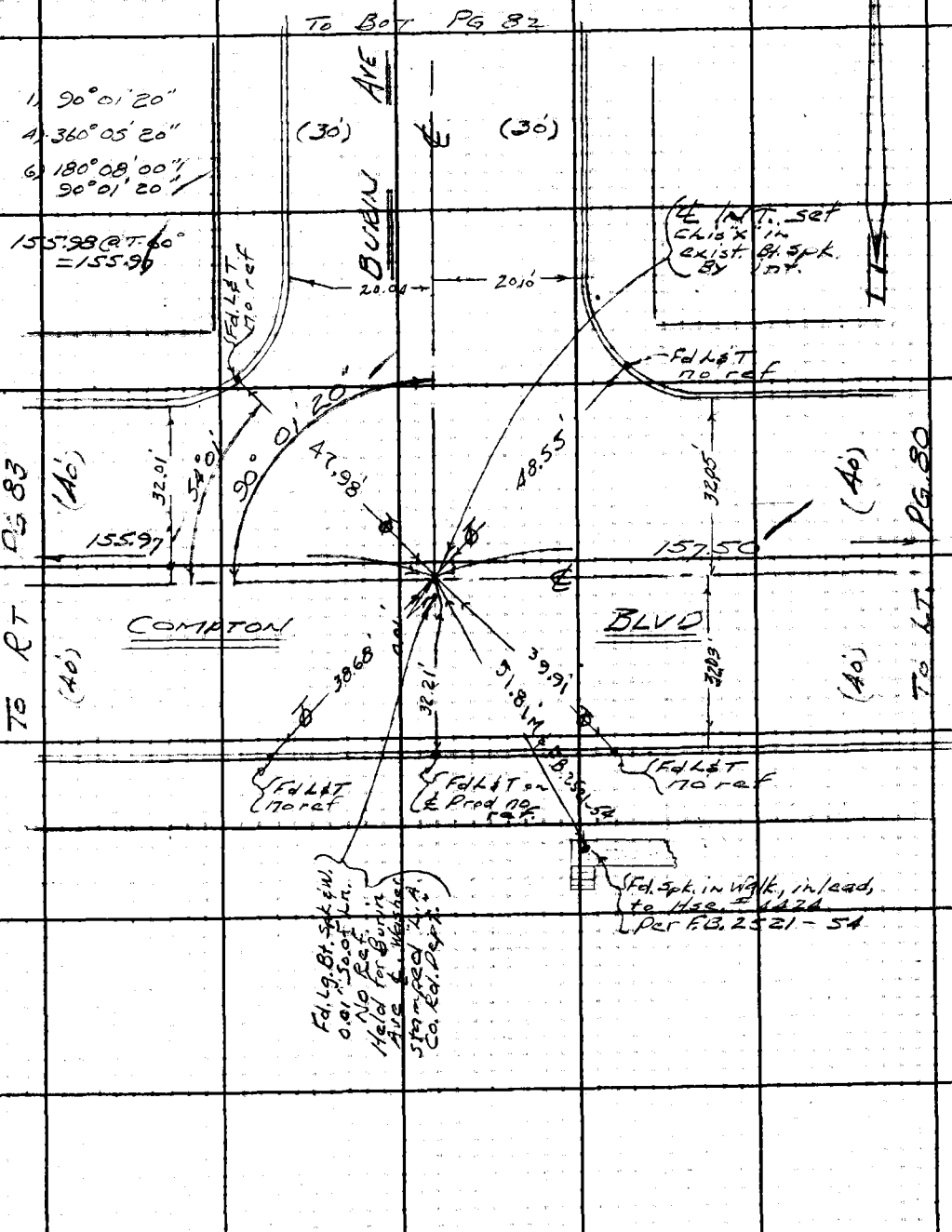
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 81
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 2-11-65	
Date	Indexed C. J. GALLI	

WS, 25, C-2



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

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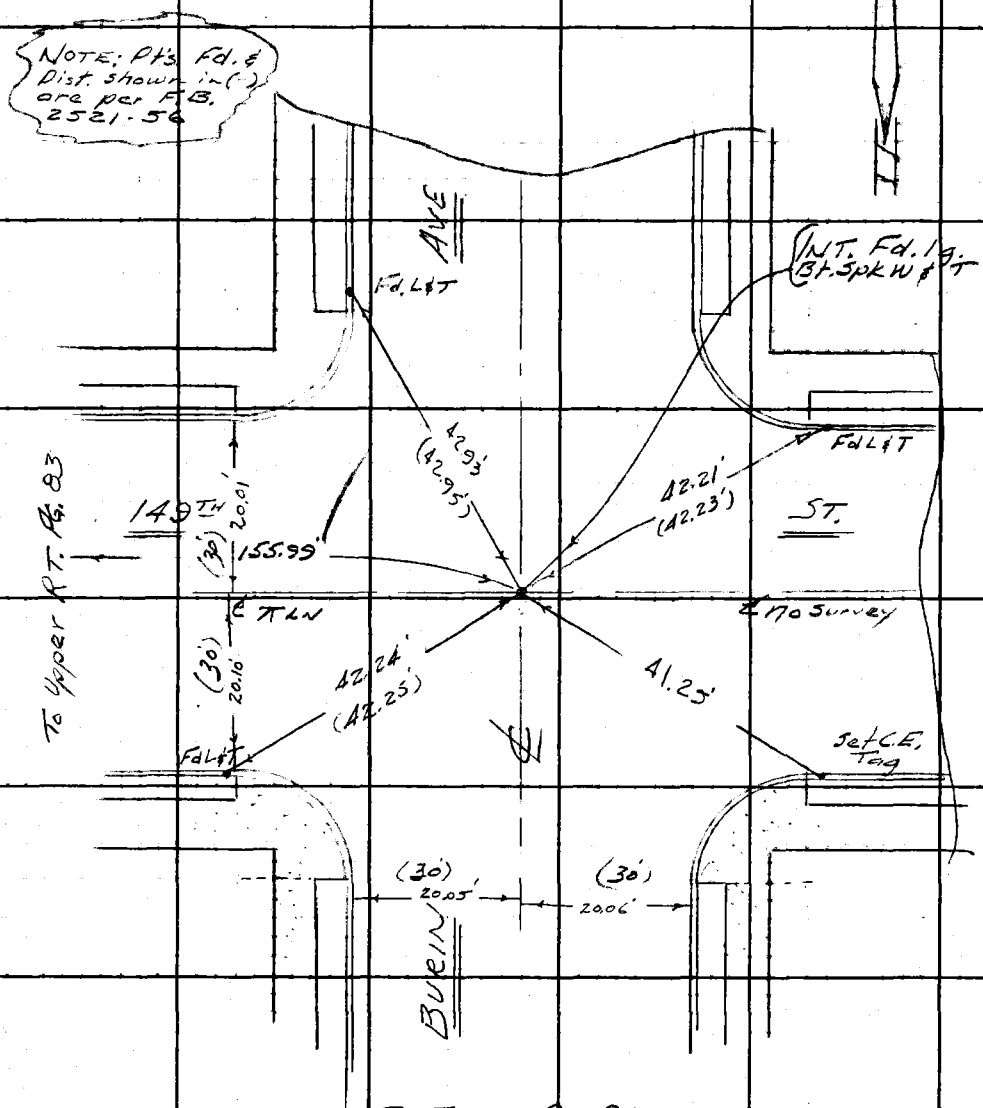
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 2592 PG. 82

W.S. 25, C-2



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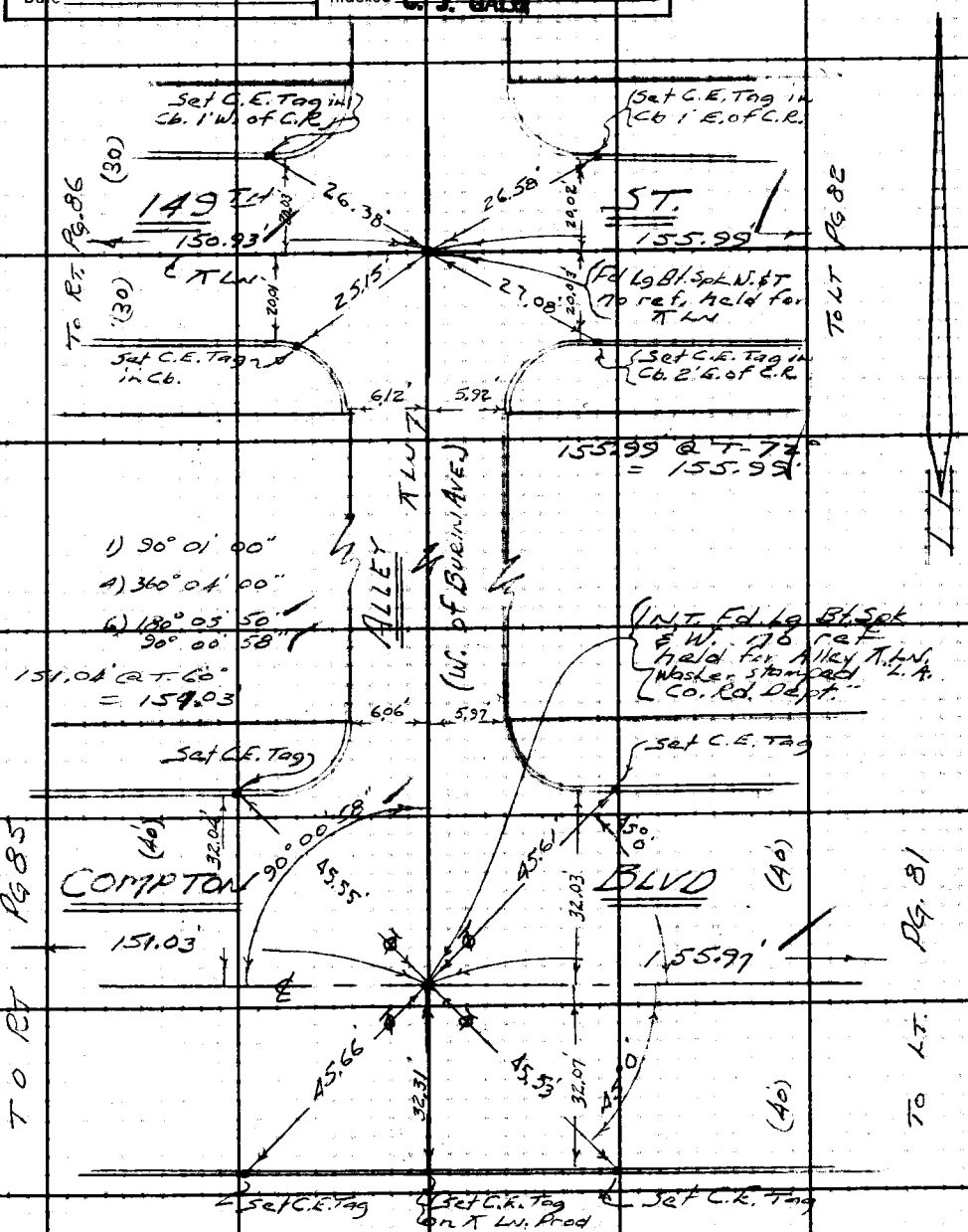
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape 0213 Std 68 °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date 2-65
Date	Indexed C. J. GALM

F. B. 2592 PG. 83

W.S. 25, C-2



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

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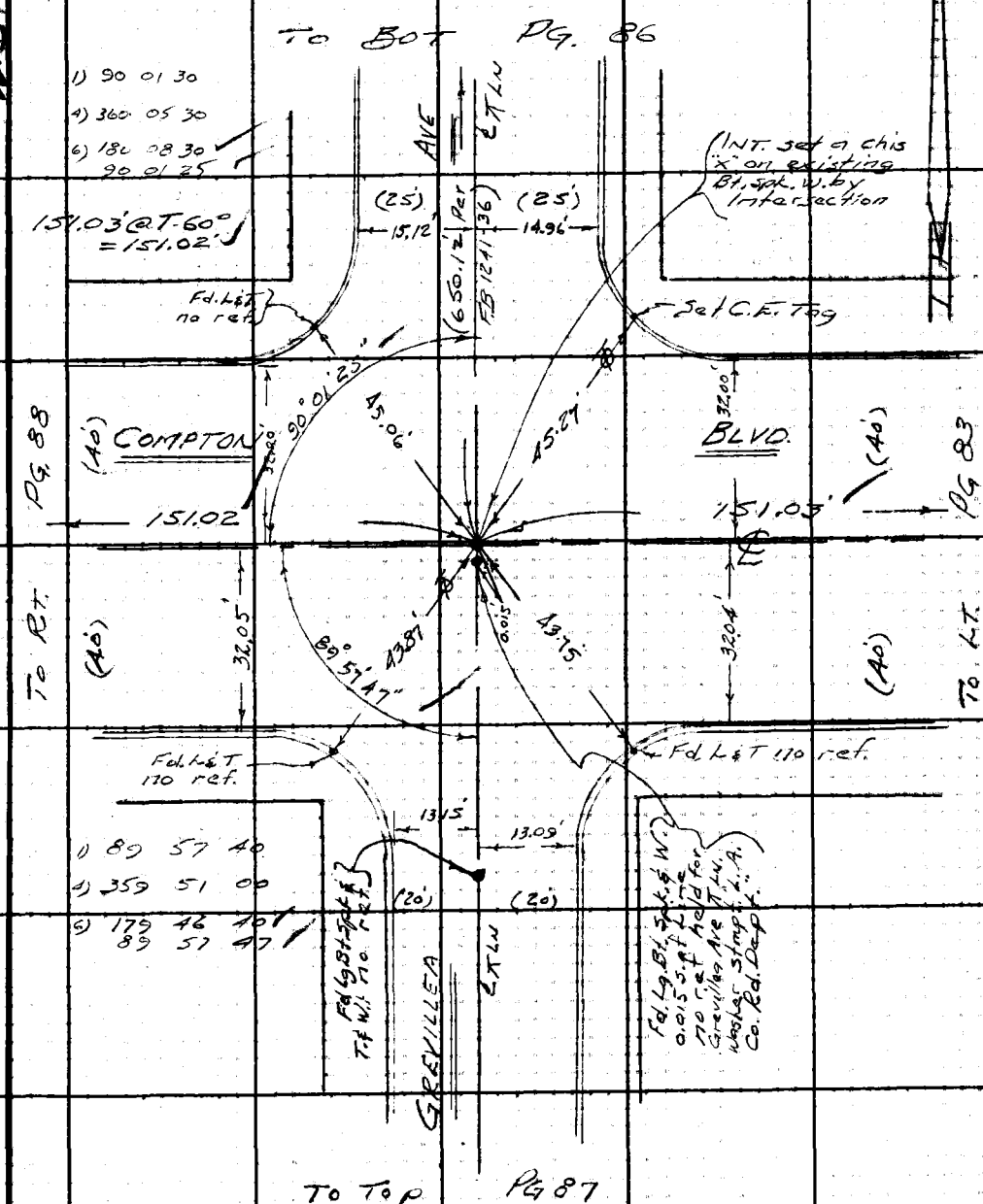
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 85
Map No.	JN 615001 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 2 '65	
Date	Indexed C. J. GALLI	

W.S.25, C-2



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

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F309S CE #310 6-63

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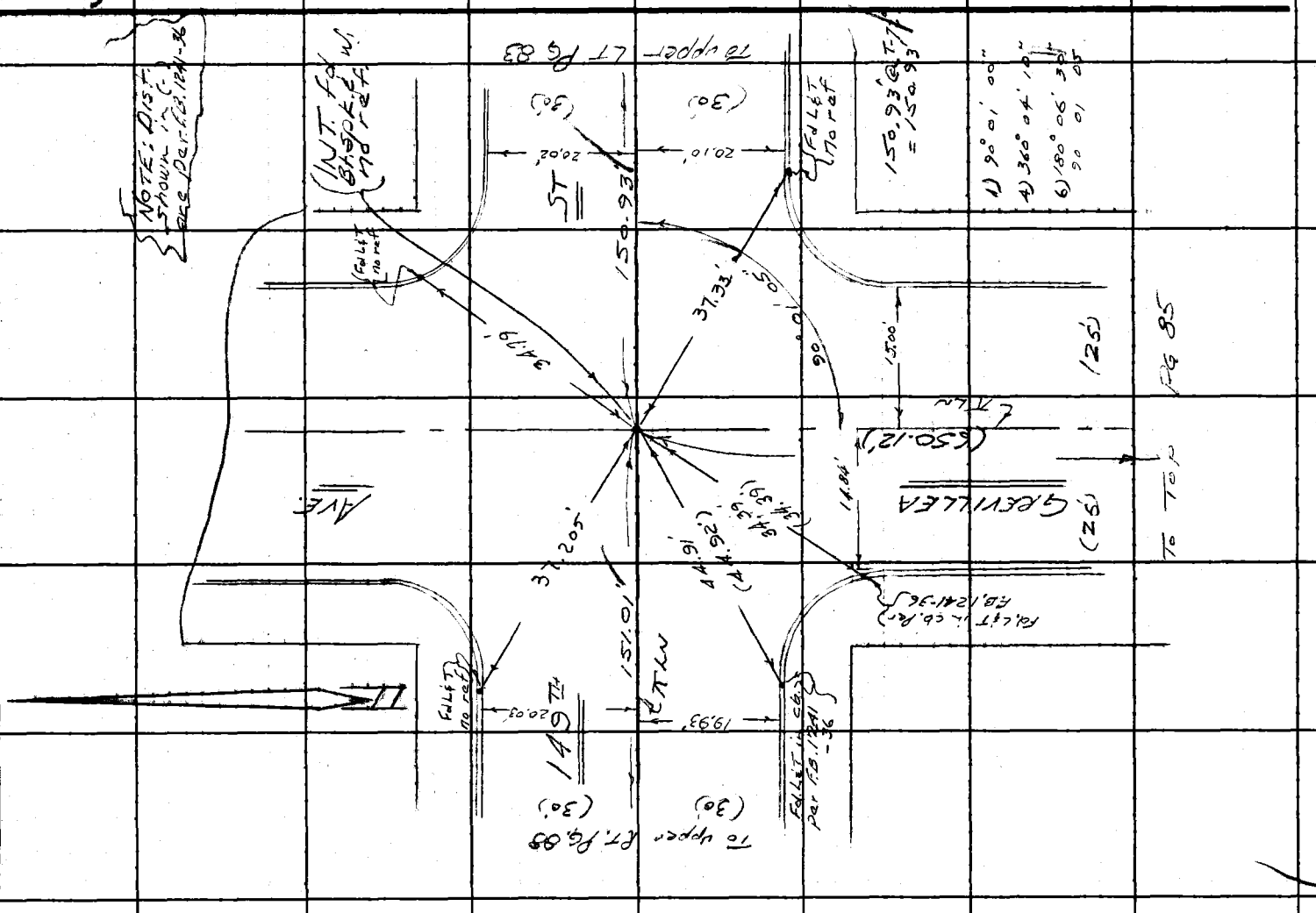
W.S. 25, 52

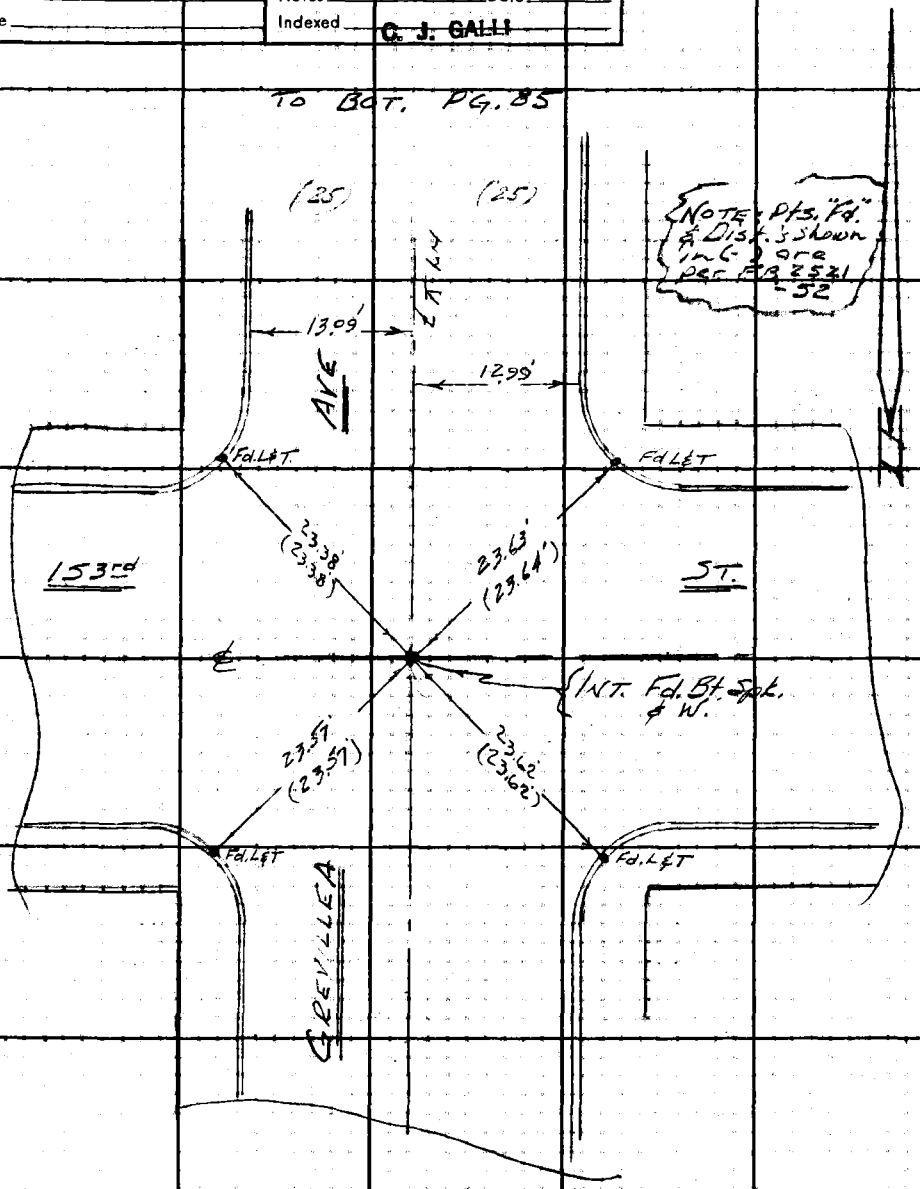


Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape 0213 Std 68 °F
Office Work	Surveyed by Markey Jr.
Checked	Notes ETM Jr. Date 2-65
Date	Indexed C. J. GALLI

F. B. 2592 PG. 87

M.S. 25 C-3

TO BOT. PG. 85



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76F3098 CE #310 6/63

F. B. 2592 PG 88

Nov-25-57 - 2

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403 Los Angeles County Engineering Bldg.

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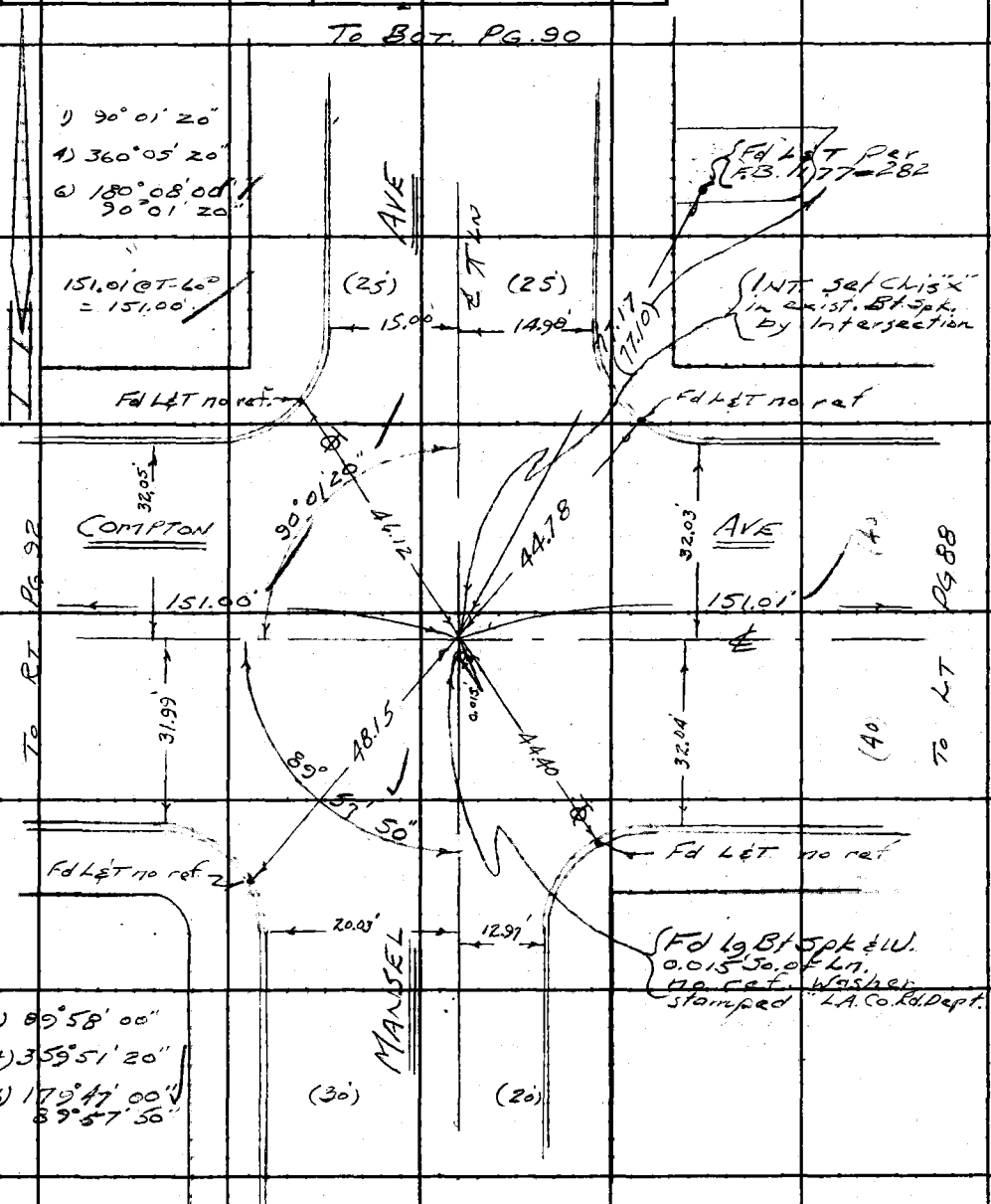
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 89
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 2-65	
Date	Indexed C. J. GALLI	

W.S. 25 C-2



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

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

76F3095 CE #310 6-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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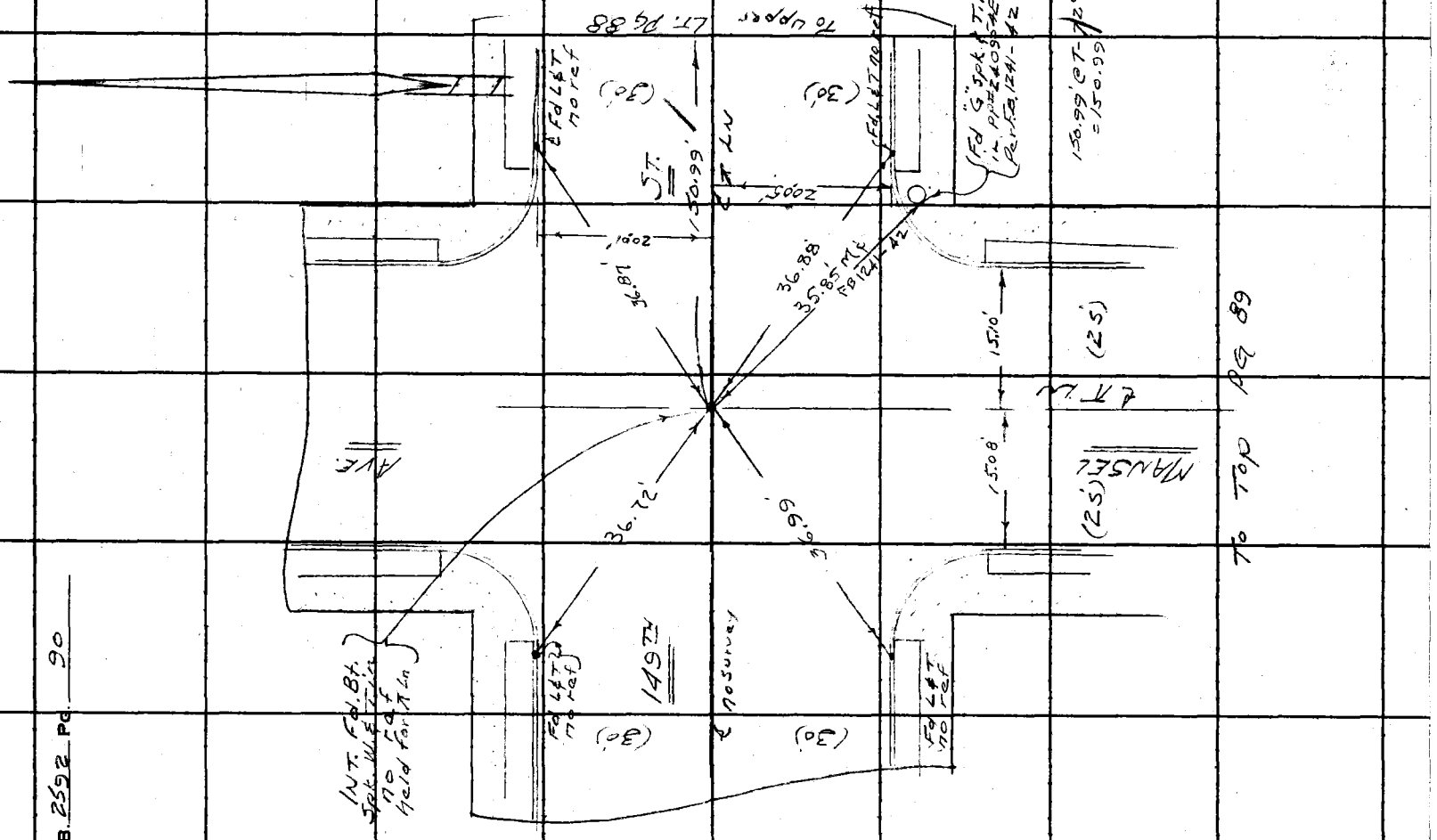
Do not extend this side of this line.

W.S. 25,C-2

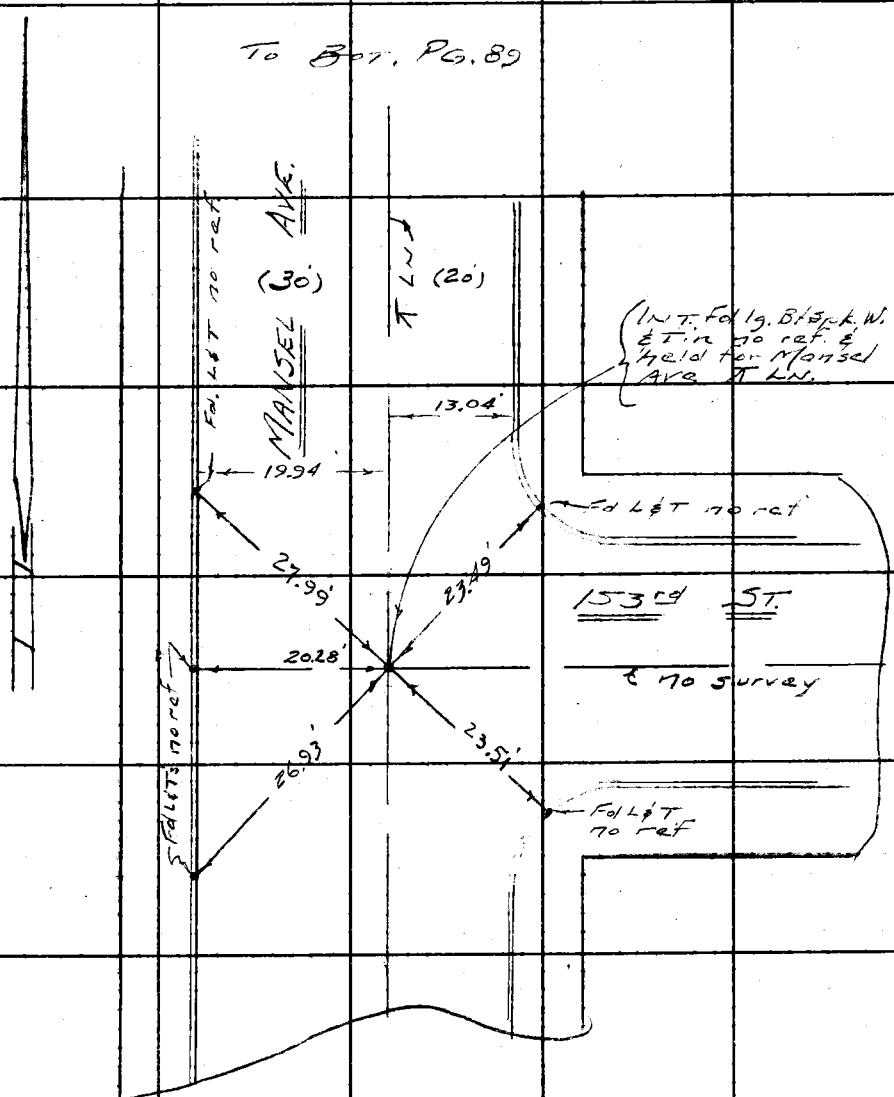


F.B. 2552 Pg. 90

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape 0213 Std 68 °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date 2-'65
Date	Indexed G. J. GALLI

F. B. 2592 PG. 91

WS 25, C-3



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

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76F309S CE #310 6-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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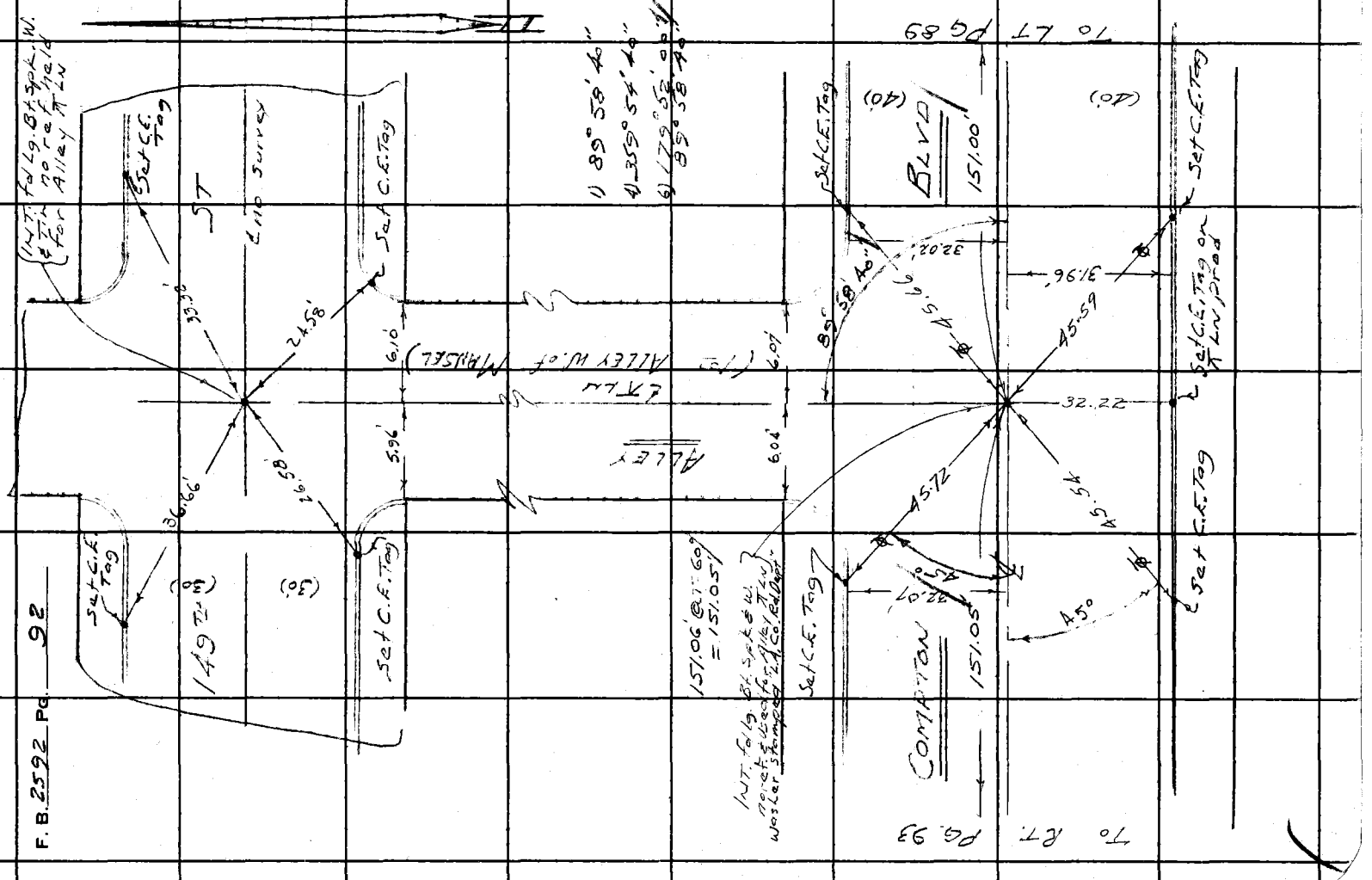
W. S. 25, C-2



Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape 02/3 Std 68 °F
Office Work	Surveyed by Mankey V.C.
Checked	Notes EFM J.N. Date 2-65
Date	Indexed C. J. GALLI

F. B. 2592 Pg. 93

MS 25 C2

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

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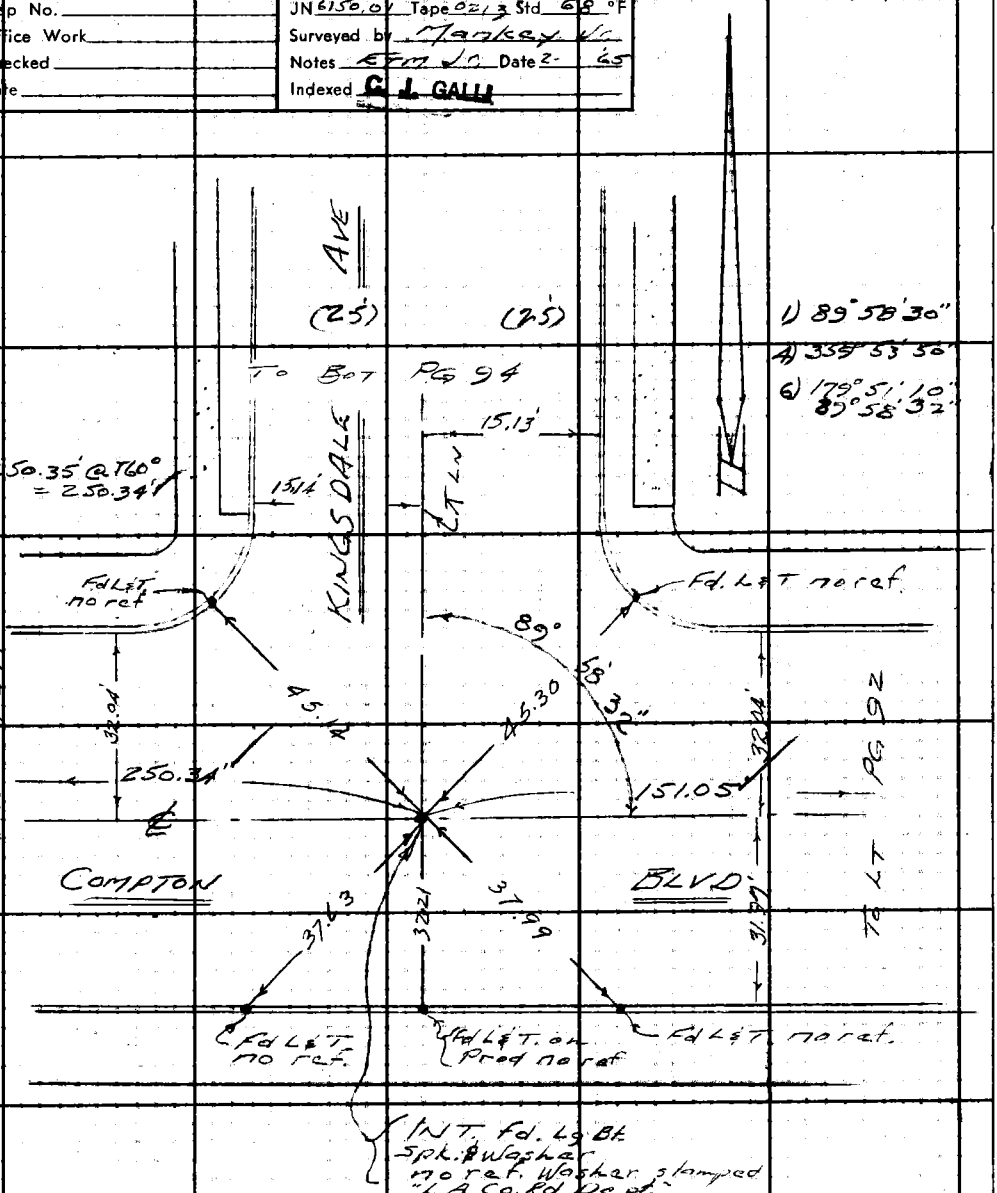
"PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG."



75F3095 CE #310 6-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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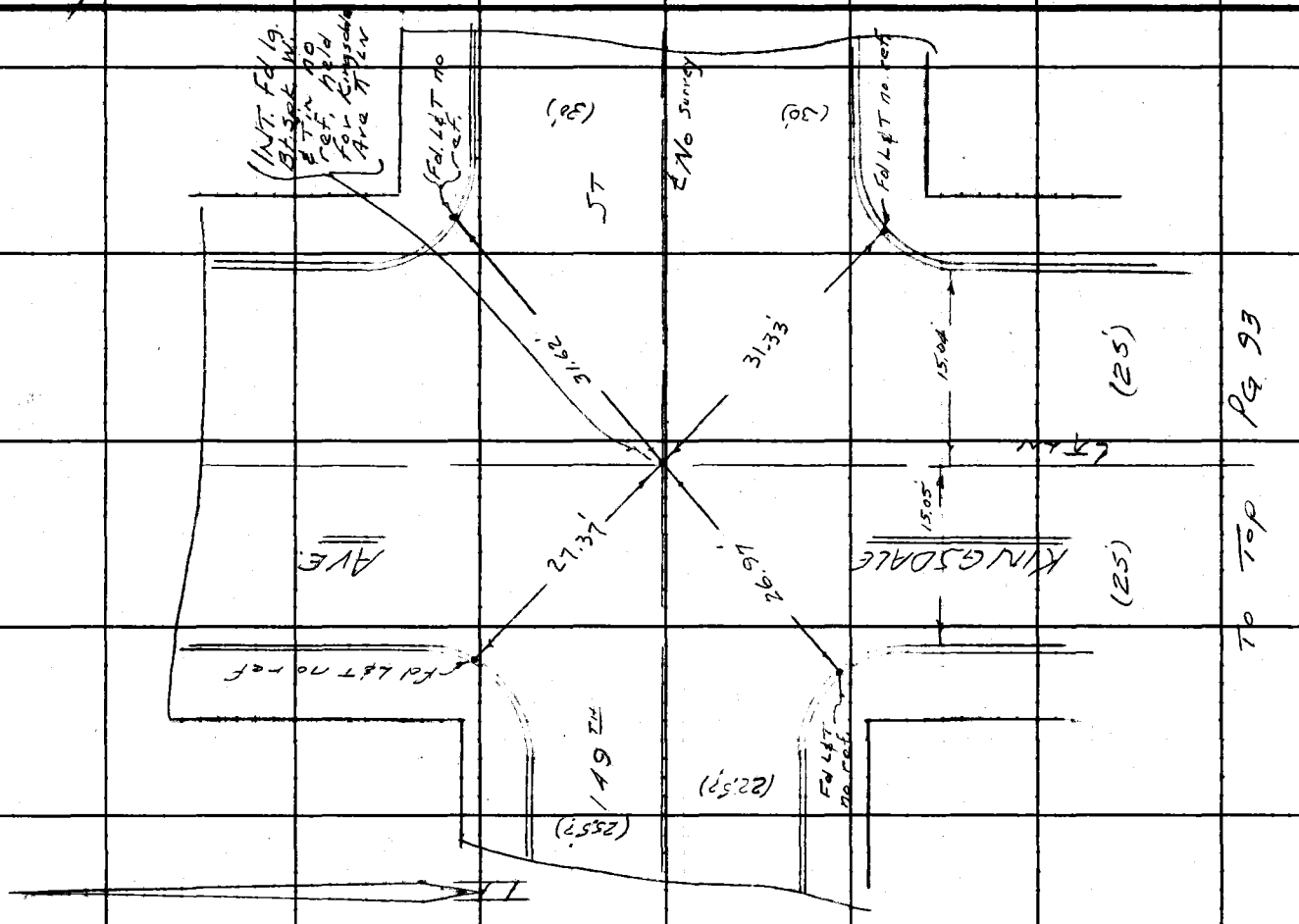
W.S. 25 / C-2



F.B. 2592 Pg. 94

Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 Pg. 95
Map No.	JN 6150.01 Tape Std °F	
Office Work	Surveyed by Manley Jr.	
Checked	Notes FTM Jr. Date 2-23-65	
Date	Indexed G. J. GALLI	

JN 6150.01

LAWNDALE S.D.

TOPOGRAPHY For PROJECT #5001 (A) & (L) AREAS

in

COMPTON BLVD.

from

HAWTHORNE BLVD W'ly TO KINGSDALE AVE.

Manley Jr.
Smiley
Manley
Love
Marino

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3069 CE #310 663

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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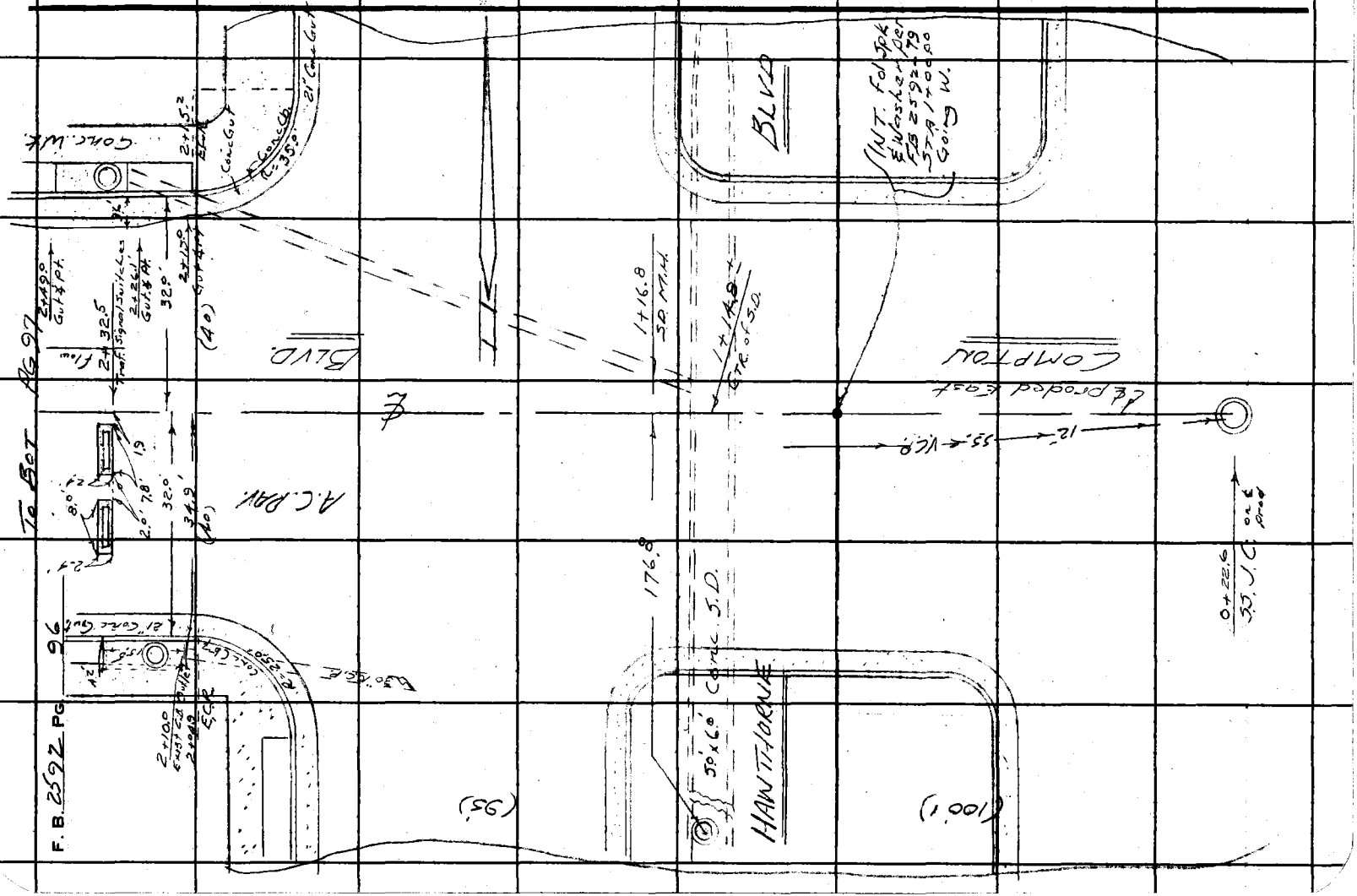

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6156.01 Tape Std °F
Office Work	Surveyed by Manke / Jr.
Checked	Notes E. Fritz Jr. Date 2-23-65
Date	Indexed C. J. GALLE

F. B. 2592 PG. 97

To Bot Pg 98

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

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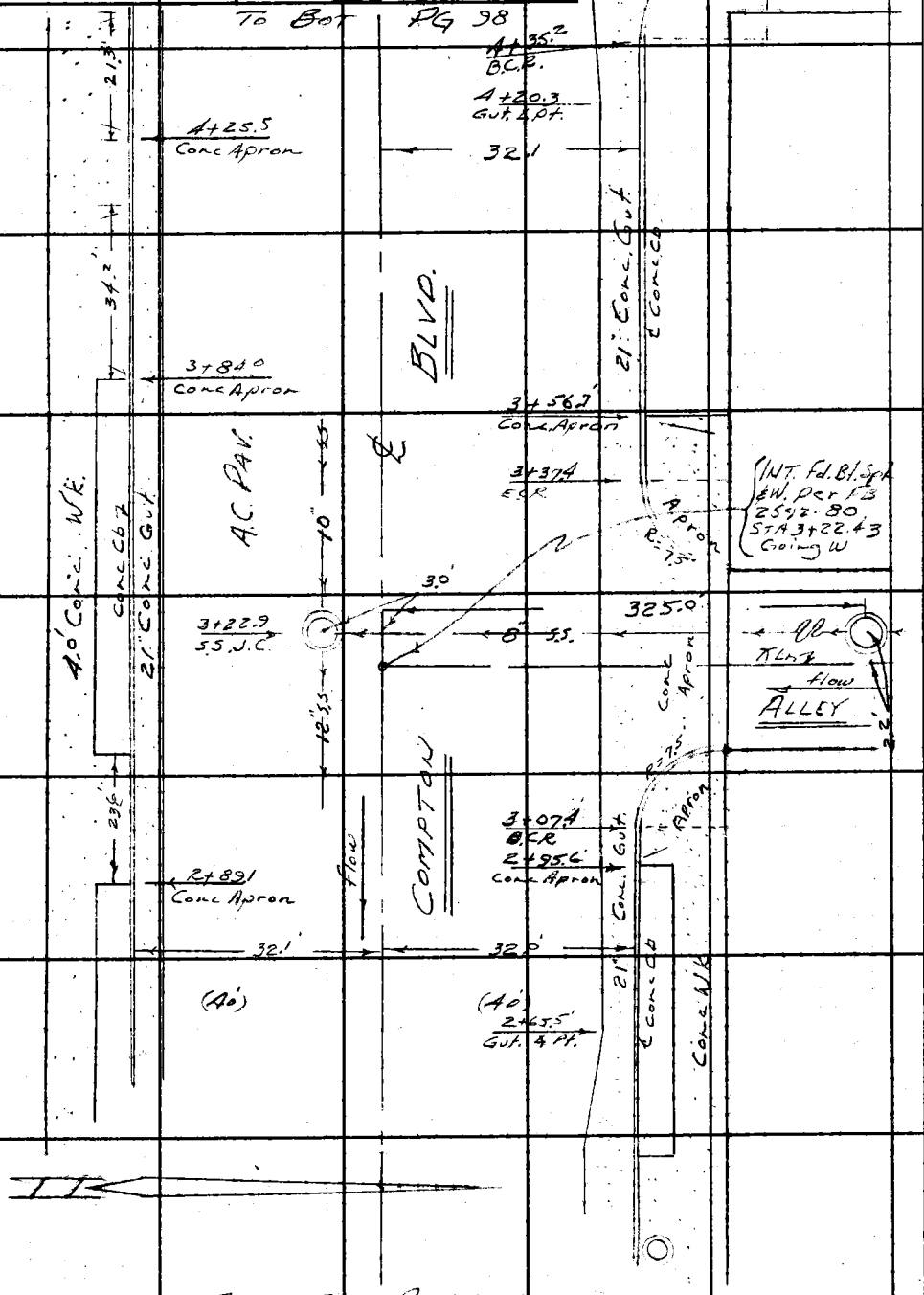
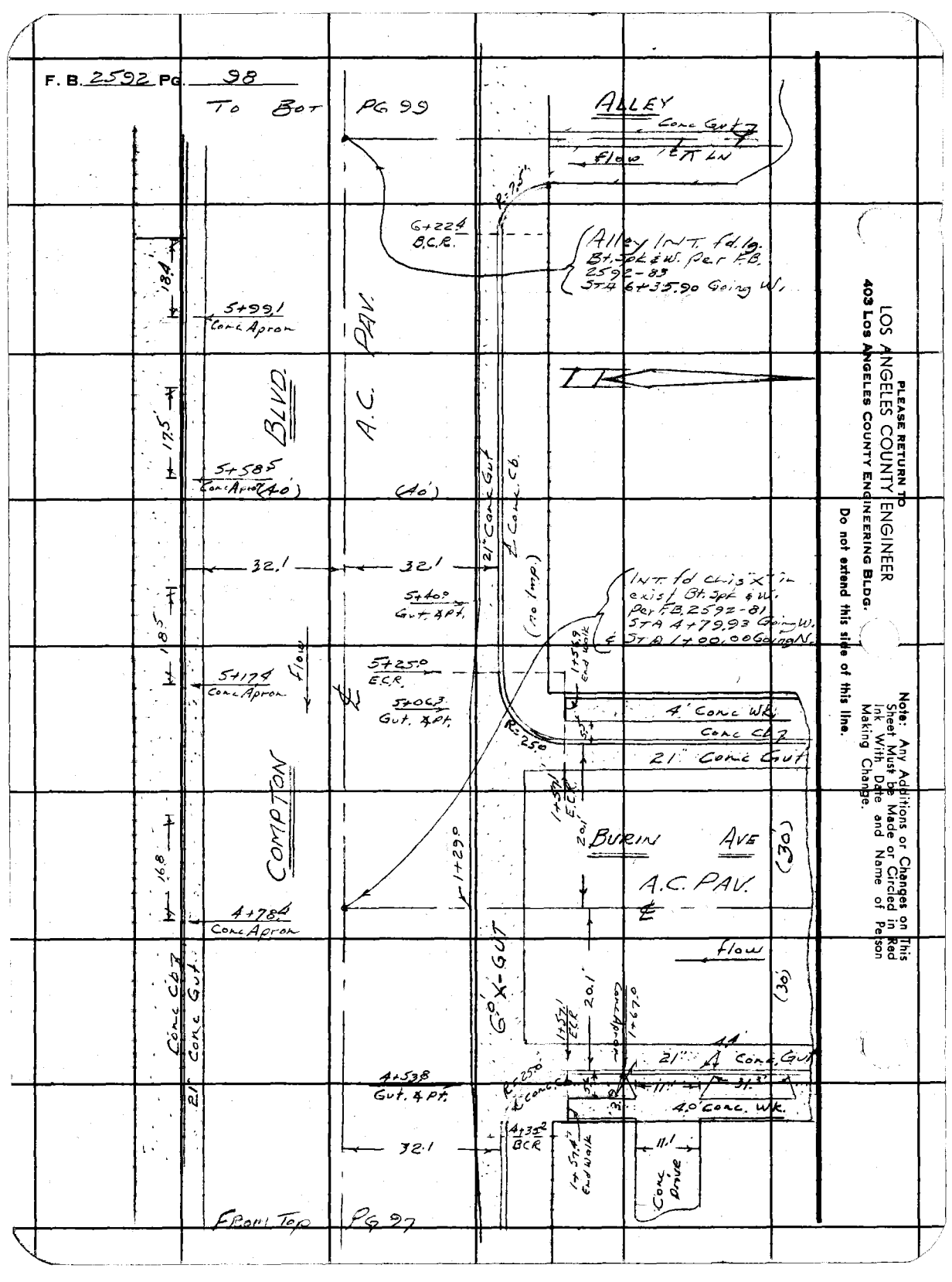
403 Los Angeles County Engineering Bldg.

76F3099 CE #310 6-63



From Top Pg 96



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

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date 2 '65
Date	Indexed C. J. GALLI

F. B. 2592 PG. 99

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

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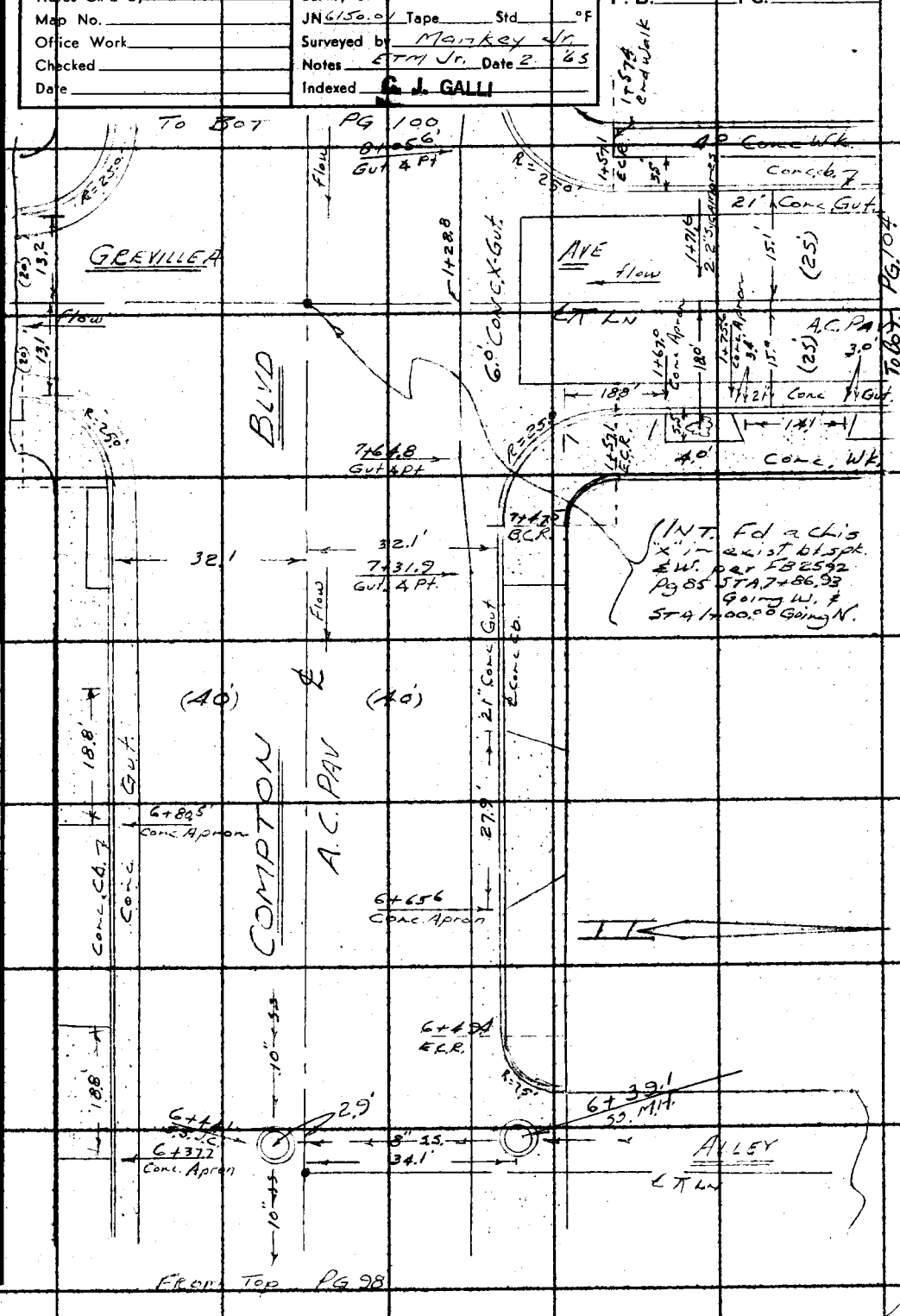
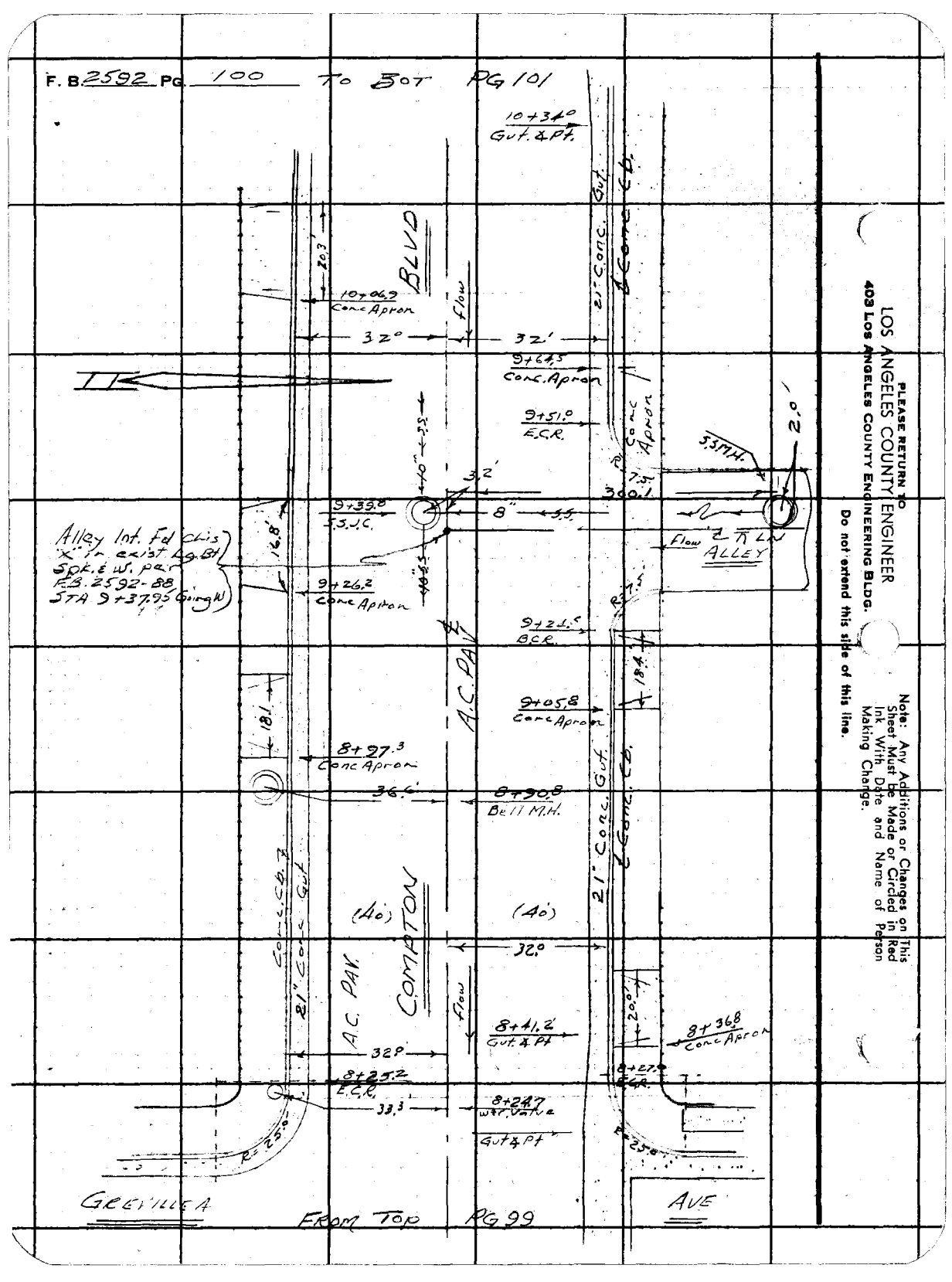
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #310 663



F. B. 2592 PG. 100 To 507 PG 101



LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

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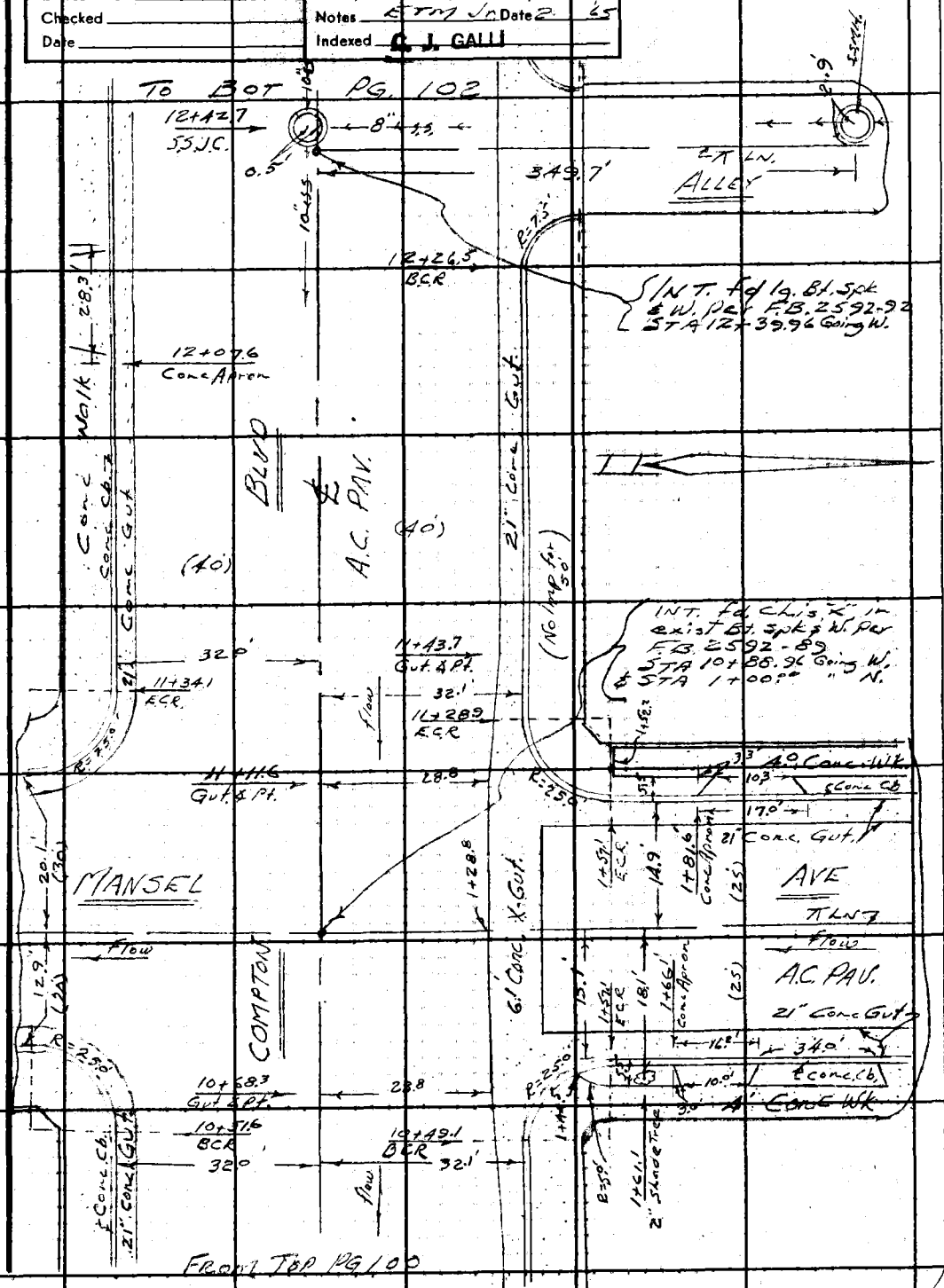
Notes Ck'd by	Survey of Laundale J.D.
Map No.	JN 61508 / Tape Std °F
Office Work	Surveyed by Manker Jr.
Checked	Notes ETM Jr. Date 2-65
Date	Indexed C. J. GALLI

F. B. 2592 PG. 101



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

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

76F3095 CE #310 6-63

F. B. 2592 PG 102

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes KTM Jr. Date 2-24-65
Date	Indexed [illegible]

F. B. 2592 PG. 103

JN 6150.01

LAWNDALE S.D.

TOPOGRAPHY FOR PROJECT #5001 AREA (J)

in

GREVILLEA AVE

from

COMPTON BLVD. NO. to 149th ST

Mankey Jr.
Smiley
Manley
Love
Merino

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F309S CE #310 6-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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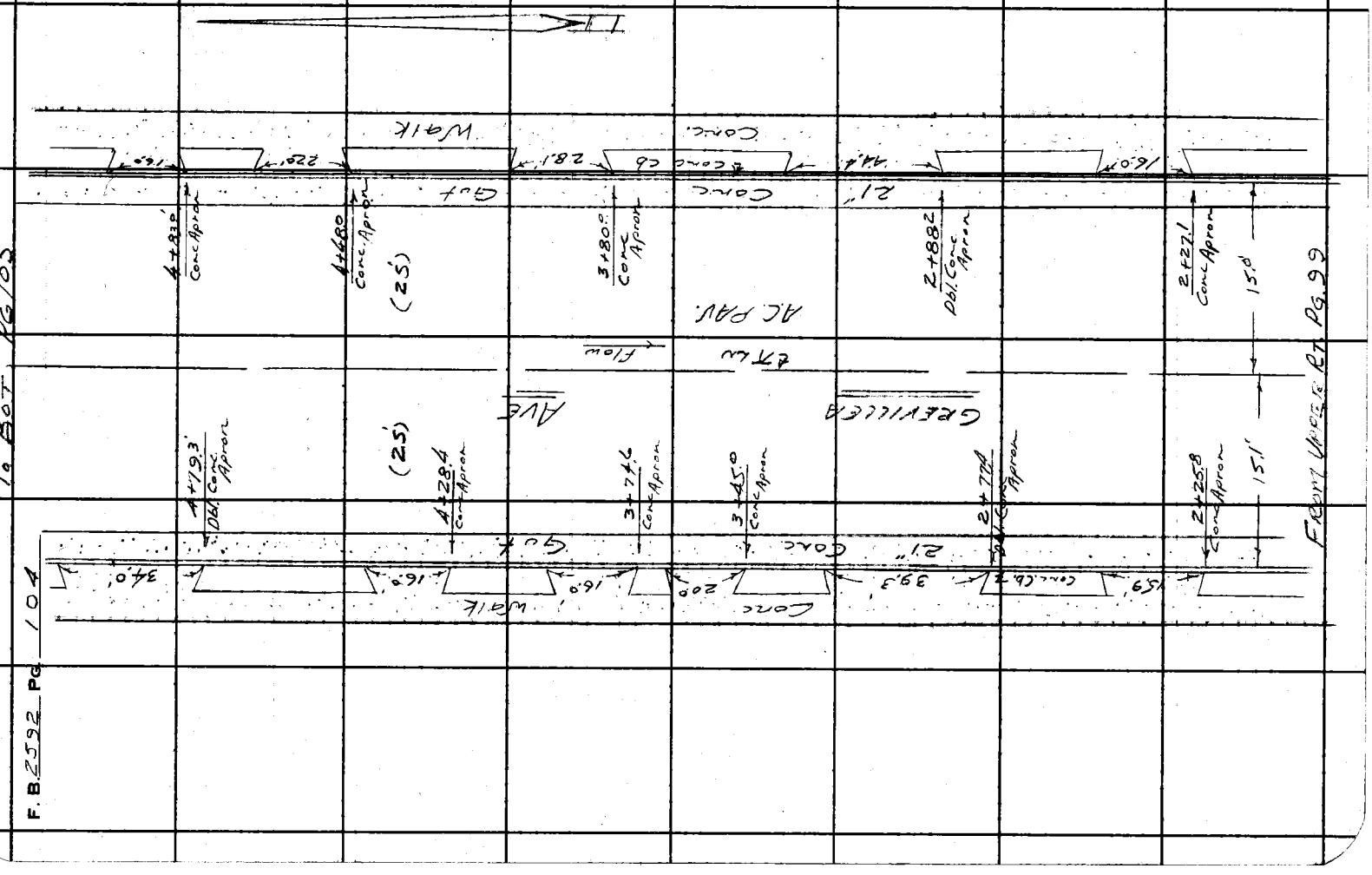
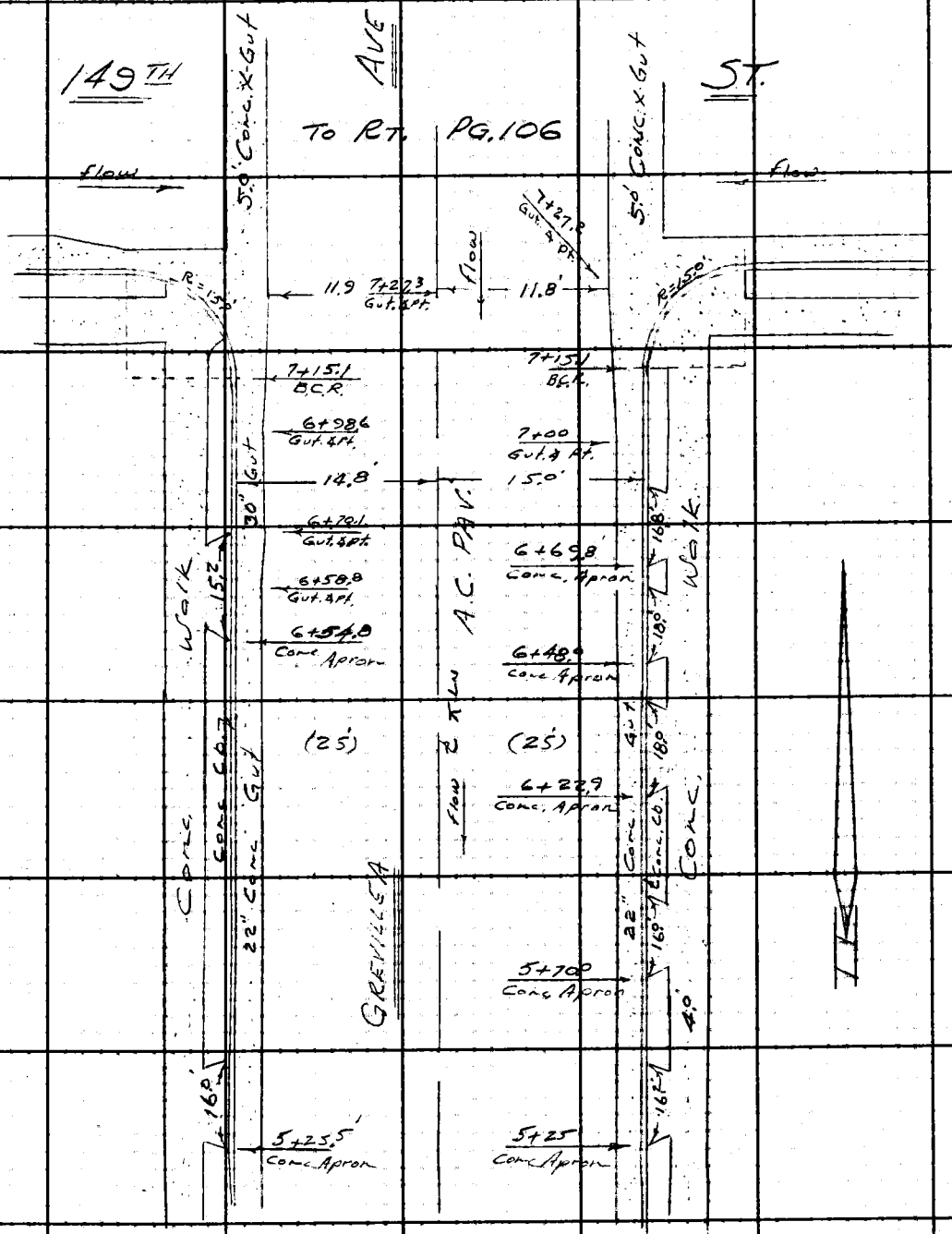


Notes Ck'd by	Survey of Lowndale SD.	F. B. 2592 PG. 105
Map No.	JN 6156.01 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes E T M Jr Date 2-24-65	
Date	Indexed C. J. GALLI	



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

Do not extend this side of this line.

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

76F3095 CE #310 6-63

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

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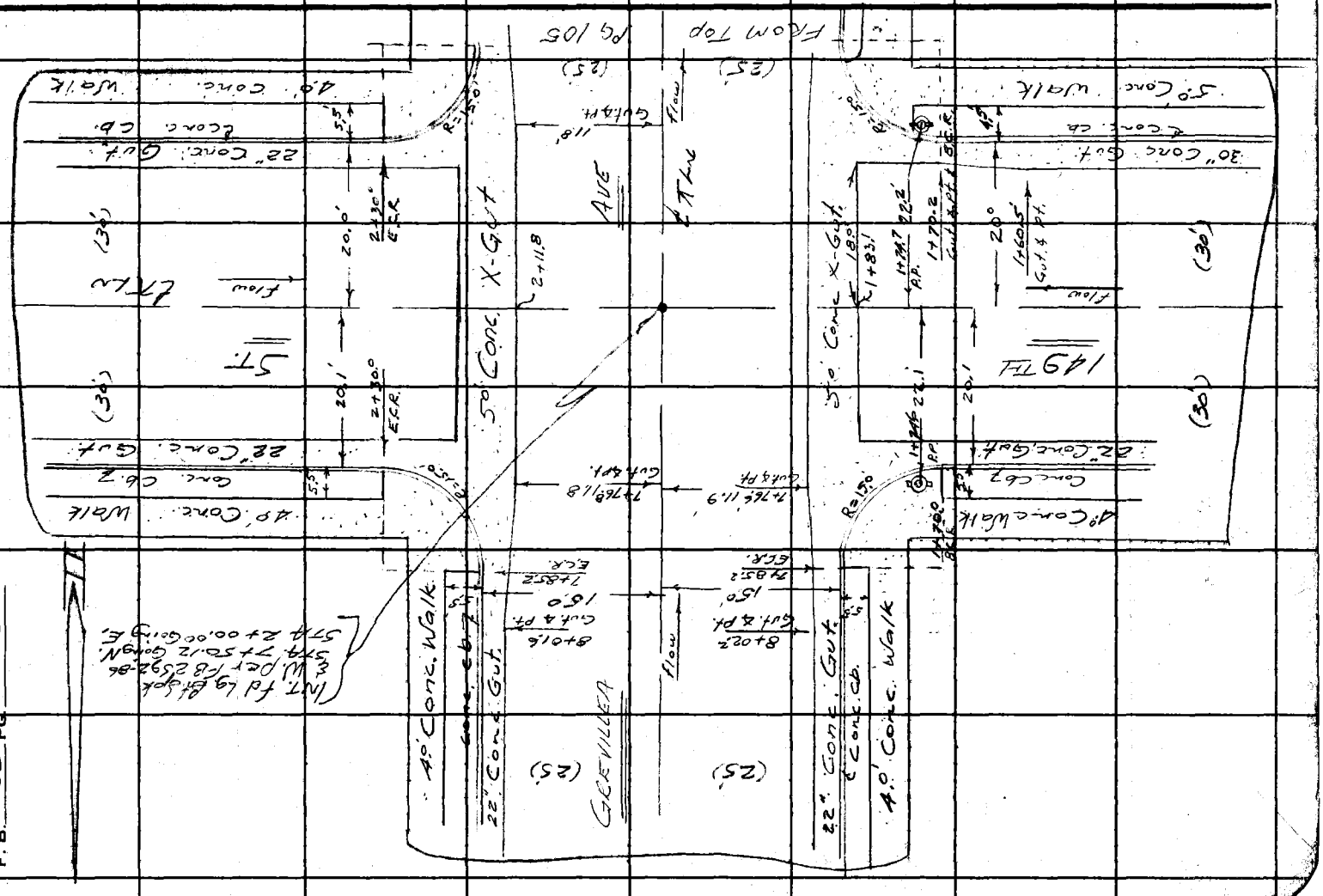
F. B. 2592 PG. 106



Profile No.	Notes Red. Date	Plotted Date	[illegible]
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey by [illegible] Date [illegible]
			Map No. [illegible] J. GALLI Date [illegible]

JN 615001

LAWNDALE S.D.

X- SECTIONS

in

COMPTON BLVD.

from

HAWTHORNE BLVD to KINGSDALE AVE

See Pgs. 95 thru. 102 for Topography

Mankey Jr
Smiley
Manley
Love
Marino

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 SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

761298 S & E #307 9-54

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTION in COMPTON BLVD (Going W.)	
(Fd) BM.S.D. 3261				55.38'	BM SD 3261 EL = 55.379' FB. 2592-27 Hawthorne Blvd. & Compton Blvd. N.W. Cor. Bt. Spk. in cb. 2' W. of W. and Cb. Ret.	
					LT. & So.	℄ = ℄ in Compton Blvd RT. & No.
0+22.6	CTR S.S. J.C. Rim EL			56.25'		℄
	INVERT on 12" inlet from West			47.13'	56.25 8.12 Rim to Facet 1.00 Size of V.C.P. 47.13	
1+00.00	℄ Intr. Hawthorne Blvd			56.81'		℄
1+16.8	CTR. S.D. M.H. Rim EL			55.06'	176.8'	
1+14.8	INVERT on 5'x6' Conc Box			47.81	176.8' Rim direct to Invert = 7.25'	
1+14.8	" on 5'x6' Box at Compton ℄			48.00'	S = + .0011 Going No. Checked with dumpy level	℄
1+60				55.43'		℄
2+00				55.07'		℄
3+00				55.37'		℄
"				55.16'		16'
"				54.89'		30' 2' Gut
"				54.70		32' Gut
"				55.33		32' Cb.
"				55.45'		40' P/L
"				55.20	16'	
"				54.88'	30' 2' Gut	
"				54.77	32' Gut	

Survey of Lawndale S.D. Job No. 6164 Division No. 11 Notes Red. Plotted No. Profile
Survey by E. J. Gall Notes Mackey Jr. Notes Chkd. Checked Date X-Sec. No.
Indexed G. J. GALL Date Date Date

78L298 S & E #307 9-54

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STATION	S. S.	H. I.	F. S.	ELEV.	X-SECTIONS in Compton Blvd		
					LT. & So.	℄ = ℄ of Compton Blvd	RT & No.
3+00				55.36'	32' Cb		
"				55.49'	40' P/L		
3+22.43	Alley Int Pg 97			55.36		℄	
3+22.9	CTR. S.S. J.C.		Rim EL	55.38	3.0		
"	INVERT 12" out to E.			47.59'	55.38 Rim EL 6.79 Rim to facet 1.00 size V.C.P.	55.38 6.83 .83	55.38 6.81 .67
"	" 10" In on W.			47.72'			
"	" 8" " " N.			47.90'	47.59	12" on W 47.72	8" on N 47.90
	CTR S.S.M.H. Rim 2.2' W. of Alley TLn.			57.21'			325.0'
	INVERT on 8' out to So.			48.59	7.95 = Rim to facet 0.67 = 8" V.C.P.		"
T.P.				56.30'			
4+00				55.43'		℄	
4+79.93	INT. with Burin Ave			55.60		℄	

X-SECTIONS in BURIN AVE Going No. from
COMPTON BLVD. with Int = STA 1+00.00 Going N.

					LT & W.	℄ = ℄ of Burin Ave	RT & E
1+00	Int with Compton Blvd Pg. 98			55.60'		℄	
1+29.0				55.03'		℄ S. edge Gut.	
1+32.0				54.97'		℄ Gut. F.L.	
1+35.0				55.05'		℄ N. edge Gut.	

Profile Notes Red. Plotted Job No. [illegible] Division No. 11 P.B. 3592 Pg. [illegible]
No. Date Date Survey of Lowndale SD
X-Sec. Notes Chkd. Checked Survey by [illegible] Date 2-24-65
No. Date Date Map No. Indexed [illegible] Date

76L298 S & E #807 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in BURIN AVE (cont) LT. & W.	℄ = ℄ Burin Ave RT & E.
1+67.1				56.13'		℄
"				56.08'		10
"				56.05'		18.3 Gut
"				55.86		20 Gut
"				56.46		" Cb.
"				56.62'		30' P/L
"				56.02'	10'	
"				55.90'	18.3' Gut.	
"				55.71'	20.' Gut.	
"				56.35'	20' Cb.	
"				56.63'	30' P/L	
2+07.1				56.56		℄
"				56.57		10'
"				56.38'		18.3' Gut
"				56.28		20' "
"				56.91'		" Cb.
"				57.18'		30' P/L
"				56.39'	10'	
"				56.09	18.3' Gut	
"				56.00	20' "	

Survey of Lawndale S.D. Job No. 6150.01 Division No. 11 Notes Red Plotted Profile No.
Survey by Markey Jr. Notes ETM Jr. Date Date X-Sec.
Indexed C. J. GALLI Date Notes Chkd Checked Date No.

76L295 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	BURIN AVE X-SECTIONS (cont.)	
					LT. & W.	℄ = ℄ of Burin RT. & E.
2+07.1				56.59'	20' Cb.	
"				56.87'	30' P/L	
3+07.1				56.80'		℄
"				56.75'		10'
"				56.47'		18.3' Gut
"				56.37'		20' "
"				57.00'		20' Cb
"				57.27'		30' P/L
"				56.69'	10'	
"				56.42'	18.3' Gut.	
"				56.33'	20' "	
"				56.95'	" Cb.	
"				57.25'	30' P/L	
		RESUMING X-SECTIONS in COMPTON BLVD Wtly from BURIN AVE				
					LT. & SO.	℄ = ℄ of Compton Blvd RT. & NO.
5+35.0				55.68'		℄
"				55.44'		16'
"				55.20'		30.2' Gut.
"				55.03'		32' Gut
"				55.66		" Cb

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6150-01 Division No. 11 F.B. 2592 Pg. 7-11
Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Monkey Dr. Notes FTM Date 2-24-56
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in COMPTON BLVD cont		
					LT & SO.	℄ = ℄ of Compton Blvd.	RT. & NO.
5+35.0				55.9'			38'
"				56.4'			40 P/L
5+75.0				55.73'		℄	
"				55.46'			16'
"				55.23'			30.2' Gut
"				55.09'			32' "
"				55.72'			" Cb
"				56.1'			38'
"				56.4'			40' P/L
T.P.				55.97'			
6+35.90 Int with Alley				55.77'		℄	
6+39.1 S.S. MH CTR of Rim, EL.				55.37'			34.1'
INVERT on 8" out to So.				48.53	6.17' Rim to facet .67 Size VCP		
6+44.1 CTR S.S. C. Rim EL				55.74	2.9'		
INVERT on 10" out E.				48.30	E 55.74' Rim EL 6.61' Rim to facet .83' Size V.C.P.	W 55.74' 6.56' .83'	N 55.74' 6.65' .67'
" " 10" IN. W.				48.35			
" " 8" IN. N.				48.42'	48.30	48.35	48.42
6+75.0				55.79		℄	
"				55.53'			16'
"				55.38'			30.2' Gut

Project Lawndale S.D. Division No. 11 Notes Red. Plotted No. Date Date X-Sec.
Survey by Ellis Jr. Notes Mankey Jr. Notes Chkd. Checked No.
Indexed G. J. GALL Date Date Date

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in COMPTON BLVD (cont.)	
					LT & So.	℄ = ℄ Compton Blvd. RT & No
6+75.0				55.24		32' Gut
"				55.88		" Cb.
"				56.00'		40' P/L
T.P.				56.05		
7+86.93	INT. of Grevillea Ave			56.06		℄
	X-SECTIONS in GREVILLEA AVE Going N. from COMPTON BLVD. with a STA. of 1+00.00 at the Int.					
					LT. & W.	⊼ = ⊼ LN in Grevillea Ave RT & E.
1+00.00	INT with Compton Blvd			56.06		⊼
1+28.8				55.43'		⊼ S. edge Conc X-Gut
"				55.33'		⊼ fl " "
"				55.41		⊼ N. edge " "
1+67.1				55.97'		⊼
"				55.85		7.5
"				55.65		13.2' Gut
"				55.55'		15' "
"				56.17		" Cb
"				56.48		25' P/L
"				55.81'	7.5'	
"				55.59'	13.2 Gut	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6150 Division No. 11 F.B. 8592
Date ___ Date ___ Survey of Lawndale S.D.
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by Mankey Notes ETM Date 2-24-55
Date ___ Date ___ Map No. ___ Indexed G. L. GALLI Date ___

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in GREVILLEA AVE. cont	
					LT&W	⊼ = ⊼LN in Grevillea Ave RT&E.
1+67				55.45	15' Gut	
"				56.10'	" Cb	
"				56.28'	25' P/L	
2+07'				56.03'		⊼
"				55.92'		7.5'
"				55.74'		13.2' Gut
"				55.57'		15' "
"				56.20		" Cb
"				56.45		25' P/L
"				55.90'	7.5	
"				55.74'	13.2 Gut	
"				55.59	15' "	
"				56.20'	" Cb	
"				56.43'	25' P/L	
3+07				56.30'		⊼
"				56.20		7.5'
"				56.01		13.2' Gut
"				55.88'		15' "
"				56.45		" Cb
"				56.77		25' P/L

Profile No. 114
Survey of Lawndale S.D. Job No. 615001 Division No. 11 Notes Red. Plotted
Survey by ETM Jr. Notes Mankey Jr. Date Date No. X-Sec.
Indexed C. J. GAFLE Date Notes Chkd. Checked
Date Date No.

76-L296 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in GREVILLEA AVE (cont.)	
					LT & W.	⊼ = ⊼ Ln in Grevillea Ave RT & E.
3+07.1				56.15	7.5'	
"				55.95	13.2' Gut	
"				55.83'	15' "	
"				56.46	" Cb	
"				56.75	25 P/L	
(Fd)				56.16	BMSD 3263 EL 56.156 F.B. 2592-27	
BMSD 3263				56.14	Compton Blvd. & Grevillea Ave N.W. Cor. Bt. Spk in cb. 25' W. of W. end N.W. Cb. Ret.	

(Grevillea Ave. cont. on Pg. 128)

RESUMING X-SECTIONS in COMPTON BLVD GOING W'ly From GREVILLEA AVE.

					LT. & So.	℄ = ℄ of Compton Blvd. RT & No.
7+86.93	INT. with Grevillea Ave			56.06'		℄
8+35.2				56.15'		℄
"				55.97'	16'	
"				55.68'	30.2' Gut	
"				55.50'	32' "	
"				56.10'	32' Cb.	
"				56.0'	40' P/L	
8+37.0				56.15		℄
"				55.91		16'
"				55.59'		30.2' Gut

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6150 Division No. 11 F.B. 2592 Pg. 143
X-Sec. No. ___ Date ___ Date ___ Survey of Lawndale S.D.
Notes Chkd. ___ Checked ___ Survey by Mankey J. Notes ETM Date 2-24-65
Date ___ Date ___ Map No. ___ Indexed C. J. GALLE Date ___

76-L.298 CE 307 3-61

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Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Job No. 6152 Division No. 11 Notes Lawndale to Gardena 5.2 Notes Gardena 5.2 to Alley 5.4

Survey of Lawndale to Gardena Notes Gardena to Alley

Indexed C. J. GALLE Date ____

P.B. 259 Pg. 116

STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in Compton Blvd (Cont'd)	
					℄ to ℄ of Compton Blvd.	
					LT.	RT
8+37 °				55.46		32.0 Gut
"				56.08'		32.0 <6
"				56.3'		40' P/L
8+75 ²				56.25'	℄	
"				56.04'	16'	
"				55.84	30.² Gut	
"				55.64	32' "	
"				56.25	32' <6	
"				56.3'	40' P/L	
8+77 °				56.25	℄	
"				55.99'		16'
"				55.76'		30.² Gut
"				55.60'		32' "
"				56.2'		32' <6
"				56.4'		40' P/L
9+37.95 Int. with Alley				56.45'	℄	
9+39.8 CTR SS I/C		Rim EL =		56.42'	32'	
					E. Gut 56.42' Rim EL	W. Gut 56.42' N. in 56.42'
INVERT on 10" VCP out to E.				48.86'	6.73 Rim to Face	6.66' 6.75
"	"	" " In on W,		48.93'	.89 3/4 c.t. V.C.P.	.83' .67
"	"	8" " In " N.		49.00'	48.86	48.93 49.00

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in COMPTON BLVD. (cont) LT & So.	℄ = ℄ of Compton Blvd RT & NO.
GR. of SSMH. 2.0' W. of Alley ⊼ LN Rim =				57.35'		300.1'
INVERT on 8" VCP. Out to So.				49.97	6.71 Rim to Facet .67 Size of VCP.	
9+75²				56.54		℄
"				56.36'	16'	
"				56.18	30.2' Gut	
"				55.98	32' "	
"				56.62'	32' Cb	
"				56.8'	40 P/L	
9+77				56.54		℄
"				56.30'		16'
"				55.91'		30.2' Gut
"				55.76		32' "
"				56.40'		32' Cb
"				56.7'		40 P/L
T.P.				56.41'		
10+88.96 Int. with MANSEL AVE				56.87'		
X-SECTIONS in MANSEL AVE. No. from Compton Blvd. With ℄ Int. as STA 1+00.00 LT & ⊼ = ⊼ Rm. in Mansel RT & E.						
1+00.0 Going N.				56.87		⊼
1+28.8				56.13'		⊼ 3 edge conc x-Gut

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 4450.01 Division No. 11 F.B. 2592 Pg. 113
X-Sec. No. ___ Date ___ Date ___ Survey of Lawndale S.D.
Notes Chkd. ___ Checked ___ Survey by Markey Jr. Notes ETM Date 2-25-85
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

76-L298 CE 307 3-61

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F.B. 2592 Pg. 118

Job No. 615001 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of Lawndale S.D. Date ____ Date ____ No. ____ X-Sec. ____

Survey by ETM Jr. Notes Mankey Jr. Notes Chkd. ____ Checked ____ No. ____

Indexed C. J. GALLI Date ____ Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in MANSEL AVE. (cont.) LT. & W.	⊼ = ⊼ Lm in Mansel Ave RT. & E.
1+31.8				56.00'		⊼ Gut f.L.
1+34.8				56.11'		⊼ N. edge X-Gut.
1+67.1'				56.64'		⊼
"				56.44'		7.5'
"				56.27'		13.3' Gut
"				56.14		15' "
"				56.75'		15' Cb
"				57.06'		25' P/L
"				56.49	7.5'	
"				56.32'	13.3' Gut	
"				56.21'	15' "	
"				56.83'	15' Cb	
"				57.06	25' P/L	
2+07.1				56.66		⊼
"				56.47		7.5
"				56.25'		13.3' Gut
"				56.13'		15' Gut
"				56.75'		15' Cb
"				56.98		25' P/L
"				56.52	7.5'	

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in MANSEL AVE (cont.) LT. & W.	⊼ = ⊼ LN in Mansel Ave RT & E
2+07'				56.38	13.2' Gut	
"				56.24'	15.0' "	
"				56.82'	15' Cb	
"				57.06'	25' P/L	
3+07'				56.85'		⊼
"				56.69'		7.5
"				56.35'		13.3' Gut
"				56.21'		15 "
"				56.83'		15 Cb
"				57.11		25' P/L
"				56.72'	7.5'	
"				56.47'	13.2' Gut	
"				56.35'	15' "	
"				56.96'	15' Cb.	
"				57.21	25' P/L	

RESUMING X-SECTIONS in COMPTON BLVD W'ly FROM MANSEL AVE

					LT & S.	℄ = ℄ in Compton Blvd RT & N.
10+88.96	Int. with Mansel Ave.					
11+38.9				56.98'		℄
"				56.64'		16'
"				56.31		30.2' Gut

Profile Notes Red ____ Plotted ____ Job No. 6150.01 Division No. 11 F.B. 2592 Pg. 119
No. ____ Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Markey Notes Etoda Date 2-25-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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F.B. 2592 Pg. 120

Job No. 615001 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of Lawndale S.D. Date ____ Date ____ No. ____

Survey by ETM Jr. Notes Monkey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed G. J. GALLI Date ____ Date ____ No. ____

STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in COMPTON BLVD (cont.) LT. & S.	℄ = ℄ in Compton Blvd. RT. & N.
11+38.9				56.21		32' Gut
"				56.85'		32' Cb.
"				57.0		37'
"				57.8		40' P/L
11+44.1				57.00'	℄	
"				57.00'	16'	
"				56.95'	30.2' Gut	
"				56.82'	32' "	
"				57.47'	32' Cb	
"				57.63'	40' P/L	
11+78.9				57.09'	℄	
"				56.75'		16'
"				56.46'		30.2 Gut
"				56.33'		32' "
"				56.96		32' Cb.
"				57.1'		37'
"				58.1'		40'
11+84.1				57.09'	℄	
"				57.12'	16'	
"				57.00'	30.2 Gut	

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in COMPTON BLVD. (cont)			
					LT. & SO	℄ = Compton Blvd ℄		RT & N.
11+84.1				56.86'	32' Gut			
"				57.50'	32' Cb			
"				57.68'	40 P/L			
12+39.96 INT. with Alley				57.27'		℄		
12+42.7 CTR. S.S. J.C. Rim EL				57.25		0.5'		
INVERT on 10" out to E.				49.66'	E 57.25	Rim EL	W 57.25'	N. 57.25'
" " 10" In on W.				49.68'	6.76	Rim to Facet	6.74	6.73'
" " 8" In on N.				49.85'	.83	Size of Pipe	.83	.67'
					49.66'		49.68'	49.85
CTR. of S.S. M.H. 2.9' W. of Alley ℄				57.93'				349.7'
INVERT on 8" out to So.				51.01	6.25' Rim to Facet			
					0.67 Size of VCP			
12+78.9				57.28'		℄		
"				56.97'			16'	
"				56.71'			30.2' Gut	
"				56.53'			32' "	
"				57.16'			32' Cb.	
"				57.2'			38'	
"				58.5'			40' P/L	
12+84.1				57.29'		℄		
"				57.33'	16'			
"				57.16'	30.2' Gut			

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6150.01 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Mackey Jr. Notes ETML Date 2-25-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALIS Date ____

F.B. 2592 Pg. 124

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in COMPTON BLVD	
					LT. & SO.	℄ = Compton Blvd ℄ RT & NO.
12+84.1				57.04	32' Gut	
"				57.68'	32' Cb.	
"				57.88'	40' P/L	
13+91.01	INT. with Kingsdale Ave π LN			57.55'		℄
X-SECTIONS in KINGSDALE AVE GOING N'ly from COMPTON BLVD. with ℄ INT. as STA. 1+00.00						
					LT & W.	π = Kingsdale Ave π Ln RT & E.
1+00.00	Int. with Compton Blvd			57.55'		π
1+28.8				56.95'		π S. edge X-Gut
1+31.8				56.85'		π f.L. Conc X-Gut
1+34.8				56.90'		π N edge " "
1+67.0				57.30'		π
"				57.15'		7.5
"				57.01		13.3 Gut
"				56.83'		15' "
"				57.50'		15' Cb
"				57.72		25' P/L
"				57.27'	7.5'	
"				57.20'	13.2 Gut	
"				56.98	15' Gut	

F.B. 2592 Pg. 122

Job No. 61 50.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of Lawndale S.D. Date ____ Date ____ No. ____

Survey by RTM Jr. Notes Monkey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed C. J. GALLE Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in LT & W.	KINGSDALE AVE (cont.) π = Kingsdale Ave π LN. RT & E
1+67.0'				57.62'	15' Cb.	
"				57.85'	25' P/L	
2+07				57.33'		π
"				57.19'		7.5
"				57.05'		13.2' Gut
"				56.87'		15' "
"				57.51'		15' Cb
"				57.77'		25' P/L
"				57.27'	7.5'	
"				57.19'	13.2' Gut	
"				57.05'	15' "	
"				57.71'	15' Cb.	
"				57.86'	25' P/L	
3+07				57.48		π
"				57.27'		7.5'
"				57.05'		13.2' Gut
"				56.94'		15' "
"				57.61'		15' Cb
"				57.79'		25' P/L
"				57.37'	7.5	

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 6150-01 Division No. 11
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Lawndale Ave
Survey by Monkey Lo Notes KTM/LD Date 2-25-65
Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2592 Pg. 123

76-L298 CE 807 3-61

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P.B. 2592 Pg. 124 | Job No. 6/580 / Division No. 11 | Notes Red | Plotted | Profile
Survey of Kagan-Sizemore S.D. | Date | No.
Survey by ETPeck Notes Hankerson | Notes Chkd. | Checked | X-Sec.
Indexed G.J. GALLI Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in KINGSDALE AVE. (Cont.)
					LT ℄ NW. — ℄ = Kingsdale Ave CL — RT ℄ W.
3+07				57.26'	13.2' Gut
"				57.11'	15' "
"				57.77	15' CB
"				58.07'	25' P/L
4+49.9 CTR. SS M.H. Rim EL				57.50'	9.4'
INVERT on 8" Out to So.				51.37	5.46 Rim to Invert 0.67 Size of V.C.P. 6.13

RESUMING X-SECTIONS in COMPTON BLVD GOING W'ly FROM KINGSDALE AVE.

					LT ℄ So — ℄ = Compton Blvd ℄ — RT ℄ N.			
13+91.01 Int. with Kingsdale Ave								
13+99.8 CTR. SS J.C. Rim EL				57.54	E	0.3'	W	N.
INVERT on 10" Out to E.				49.96'	57.54 6.75	EL. Rim Rim to Face of Structure	57.54 6.71	57.54 6.54
" " " In on W.				50.00'	.83 ?		.83 ?	.67
"		8 In on N.		50.33'	49.96		50.00	50.33'
14+41.0				57.65		℄		
"				57.41'			16'	
"				57.15			30.2' Gut	
"				57.02			32' "	
"				57.64			32' CB	

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in COMPTON BLVD (cont.) LT. & So. ℄ = RT & NO
14+41°				57.79	40' P/L
14+81°				57.73'	℄
"				57.45'	16'
"				57.24'	30.2' Gut
"				57.05'	32' "
"				57.77'	32' Cb
"				57.85'	40' P/L
15+81°				57.97	℄
"				57.70'	16
"				57.51'	30.2' Gut
"				57.31	32' "
"				57.95'	32' Cb
"				58.14'	40 P/L
16+40.6 CTR S.S.J.C. Rim Elev				58.20'	℄
				7.63'	6.80 Rim to facet
INVERT on 10"? Out to E.				50.57'	.83? size of VCP
					7.63
					BM SD 3265 EL 57.665 FB 2592-28
BM SD. 3265 Fd				57.67	Compton Blvd & Kingsdale Ave N.W. Cor.
					Bt Spk in cb 25' W. of W. and N.W. Cb Ret.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 615601 Division No. 11 F.B. 2592 Pg. 125
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Mankey Notes ETM Date 2-25-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2592 Pg. 127

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6150.01 Division No. 11
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Lawndale S.D.
Survey by Manley / Notes ETM Jr. Date 2-25-65
Map No. ____ Indexed C. J. GALLI Date ____

J.N. 6150.01

LAWNDALE S.D.

X - SECTIONS

IN

GREVILLEA AVE.

NORTH FROM COMPTON BLVD. to 149th ST.

Manley Jr.
Smiley
Manley
Love
Merino

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

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76-1.296 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	GREVILLEA AVE X-SECTIONS (Cont)
BM SD.3263 (Fd)				56.16	BM SD 3263 EL 56.156 FB 2592-27 Compton Blvd & Grevillea Ave N.W. Cor. Bt. Spk. in Cb. 25' W. of W. end N.W. Cb. Ret.
(See Pg 115 for X-SECTIONS to 3+07.1)					LT. & W. ⊼ = Grevillea Ave ⊼ Lm RT. & E.
4+00 T.P.				56.51 56.81'	⊼
5+00				56.81'	⊼
"				56.63'	7.5'
"				56.39'	13.2' Gut
"				56.28'	15' "
"				56.91'	15' Cb
"				57.13'	25' P/L
"				56.75'	7.5'
"				56.73'	12.5' Gut
"				56.37'	15' "
"				57.03'	15' Cb
"				57.32'	25' P/L
6+00				57.01'	⊼
7+00				57.30'	⊼
T.P.				57.52'	
7+50.12 Int with 149th St				57.40	⊼

F.B. 2592 Pg. 128 Job No. 6150.01 Division No. 11 Notes Red Date Plotted Date No. Profile
Survey of Lawndale S.D. Date Notes Chkd. Checked Date X-Sec.
Survey by ETM Jr. Notes Markey Jr. Date No.
Indexed

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS IN 149TH ST Going E	
	X-SECTIONS in 149TH ST. Going E. with Int. at Grevillea Ave = STA 2+00.00					
					LT & No.	π = π Ln in 149th St RT & So.
0+20				57.83'		π
"				57.68'		10.0'
"				57.49'		18.2' Gut
"				57.76'		20' "
"				57.96'		20' Cb.
"				58.25'		30 P/L
"				57.73'	10'	
"				57.57'	18.2' Gut	
"				57.49'	20' "	
"				58.12'	20' Cb	
"				58.34'	30' P/L	
1+20				57.70'		π
"				57.62'		10.0
"				57.54'		17.5' Gut
"				57.04'		20' "
"				57.70'		20' Cb.
"				57.88'		30' P/L
"				57.62'	10.0'	

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 615081 Division No. 11 Survey of Lowndale S.D. Survey by Markey Jr. Notes Etal Date 2-25-65 Map No. ____ Indexed C. J. GALLI Date ____

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

F.B. 2592 Pg. 129

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in 149TH ST. cont	
					LT. & N.	⊼ = 149TH ST. ⊼ LN. RT & SO.
1+20				57.55'	18.1' Gut	
"				57.39'	20' "	
"				58.02'	20' cb	
"				58.15'	30' P/L	
1+60.0				57.62		⊼
"				57.52'		10'
"				57.43		17.5' Gut
"				56.99		20' "
"				57.63		" cb
"				57.88'		30' P/L
"				57.57'	10'	
"				57.50'	18.2' Gut	
"				57.31'	20' "	
"				57.95	20' cb	
"				58.16'	30' P/L	
1+83.1				57.34'		⊼ W. edge Conc. x-Gut
1+85.6				57.10'		⊼ F.L. " "
1+88.1				57.29'		⊼ E. edge " "
2+00.00	Int. with Grevillea Ave			57.40'		⊼
2+11.8				57.12'		⊼ W. edge " "

Job No. 6150.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETM Jr. Notes Markey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ CALIF. Date ____ Date ____ No. ____

2592 Pg. 130

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in 149th ST. Going E. LT. & N.	⊼ = ⊼ Lm in 149th ST. RT & So.
2+14.3'				56.91		⊼ f.l. of Conc X-Gut
2+16.8				57.09'		⊼ E. edge " "
2+40°				57.47'		⊼
"				57.31		10'
"				57.06		18.1' Gut
"				56.86'		20' "
"				57.47'		20' Cb.
"				57.75'		30' P/L
"				57.43'	10'	
"				57.28'	18.1' Gut	
"				57.08'	20' "	
"				57.71'	20' Cb	
"				57.94'	30' P/L	
2+80°				57.42'		⊼
"				57.27'		10'
"				57.10'		18.1' Gut
"				56.92'		20' "
"				57.54'		20' Cb
"				57.77'		30' P/L
"				57.47'	10'	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6150 Division No. 11 F.B. 2592 Pg. 13
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Mankey Jr. Notes ETM Date 2-25-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTION in 149th ST (cont.)	
					LT & N.	RT & SO
2+80				57.30'	18' Gut	
"				57.13'	20' "	
"				57.77	20' Cb.	
"				57.99'	30' P/L	
3+80				57.59		⊼
"				57.45'		10'
"				57.17'		18.1' Gut
"				56.99'		20' "
"				57.61'		20' Cb
"				57.89'		30' P/L
"				57.55'	10'	
"				57.45'	18.1' Gut	
"				57.24'	20' "	
"				57.89'	20' Cb	
"				58.05'	30' P/L	
RESUMING X-SECTIONS N'ly from 149th ST. in GREVILLEA AVE						
					LT & W.	⊼ = ⊼ Ln. in Grevillea Ave RT & E
7+50.12	Int. with 149th ST.			57.40		⊼
7+95.2				57.58		⊼
"				57.37		7.5'

F.B. 2592 Pg. 133

Job No. 6150P1 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale SD. Date ____ Date ____ No. ____
Survey by ETM Jr. Notes Mankey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLY Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in GREVILLEA AVE. (cont.) LT. & W.	⊼ = ⊼ Ln in Grevillea Ave. RT. & E.
7+95.2				57.20'		13.2' Gut
"				57.03'		15' "
"				57.67'		15' Cb
"				57.92'		25' P/L
"				57.51	7.5'	
"				57.39'	13.2' Gut	
"				57.19'	15' "	
"				57.85'	15' cb.	
"				58.15'	25' P/L	
8+35.2				57.69		⊼
"				57.42'		7.5
"				57.21		13.2 Gut
"				57.06		15' "
"				57.70'		15' Cb
"				57.95'		25' P/L
"				57.65	7.5	
"				57.55'	13.2 Gut	
"				57.36	15' "	
"				57.[illegible]	15' Cb	
"				58.[illegible]	25' P/L	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6150 Division No. 11 F.B. 2592 Pg. 133
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Mankey Notes ETM Date 2-25-85
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

73-L200 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in GREVILLEA AVE (cont) LT. & W.	⊼ = ⊼ Ln in Grevillea Ave RT & E.
9+35.2				57.78'		⊼
"				57.59		7.5'
"				57.39'		13.2' Gut
"				57.25		15' "
"				57.85'		15' Cb
"				58.19'		25' P/L
"				57.84'	7.5'	
"				57.69'	13.2' Gut	
"				57.59'	15' "	
"				58.21'	15' Cb	
"				58.43'	25' P/L	
					BM SD 3268 EL 57.522' FB 2592-31	
BM SD 3268 (Fd)				57.52'	W. 149th St. & Grevillea Ave S.W. Cor.	
					Bt. Spk in Cb 2.0 S. of S. end S.W. Cb Ret.	

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date
Job No. 6 Division No. 11 Division Date
Survey of Survey by Notes Date
Indexed C. I. GALLI

Notes Ck'd by G. E. BARR	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape 0213 Std 68 °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date 2-26-65
Date	Indexed C. J. GALLI

F. B. 2592 PG. 135

JN 6150.01

LAWNDALE S.D.

CENTERLINE for PROJECT # 5001 AREA (B)

in

166TH ST.

from

HAWTHORNE BLVD. WEST to CONDON AVE.

Mankey Jr.
Smiley
Manley
Love
Merino

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76F309S CE #310 6-63

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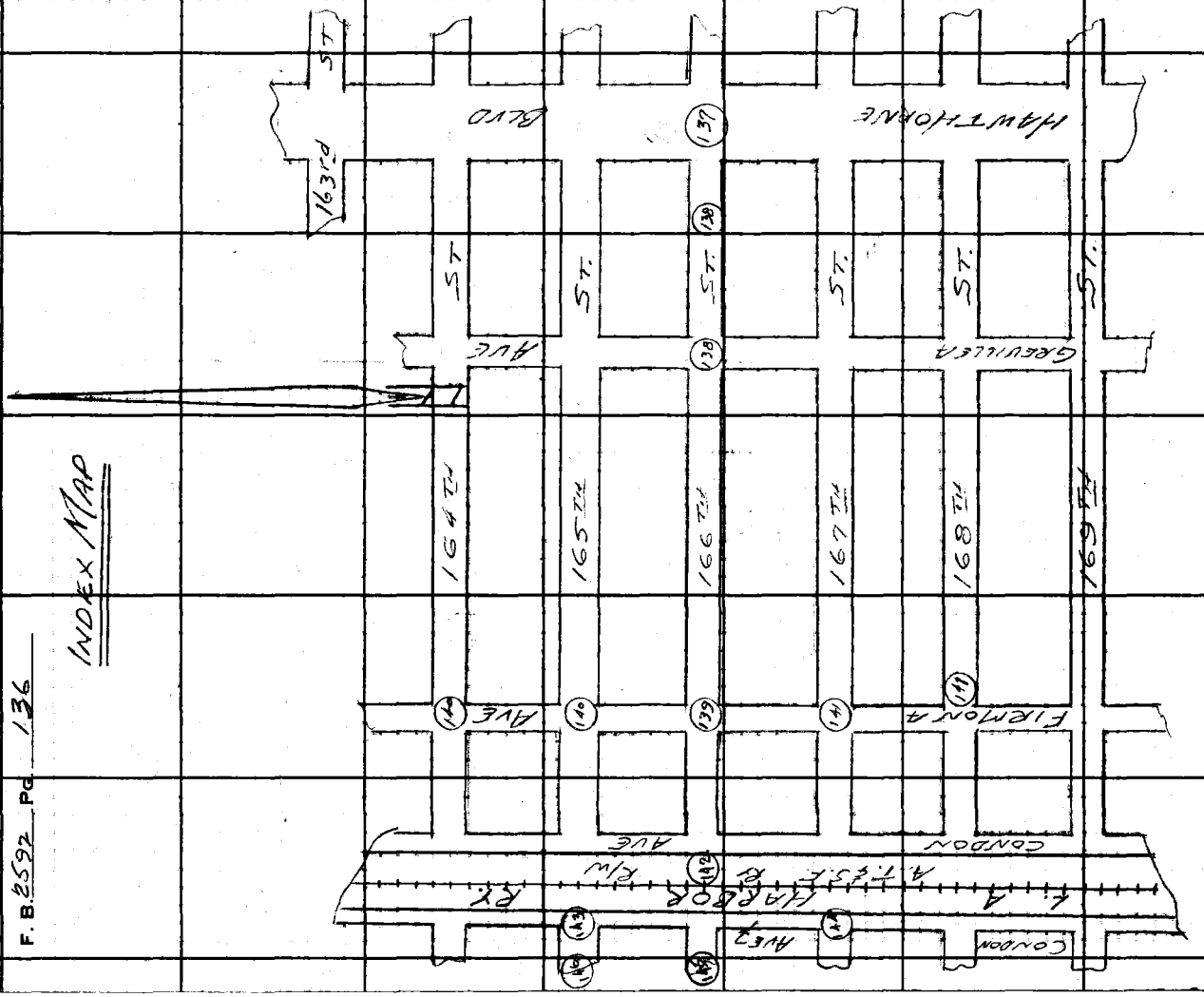
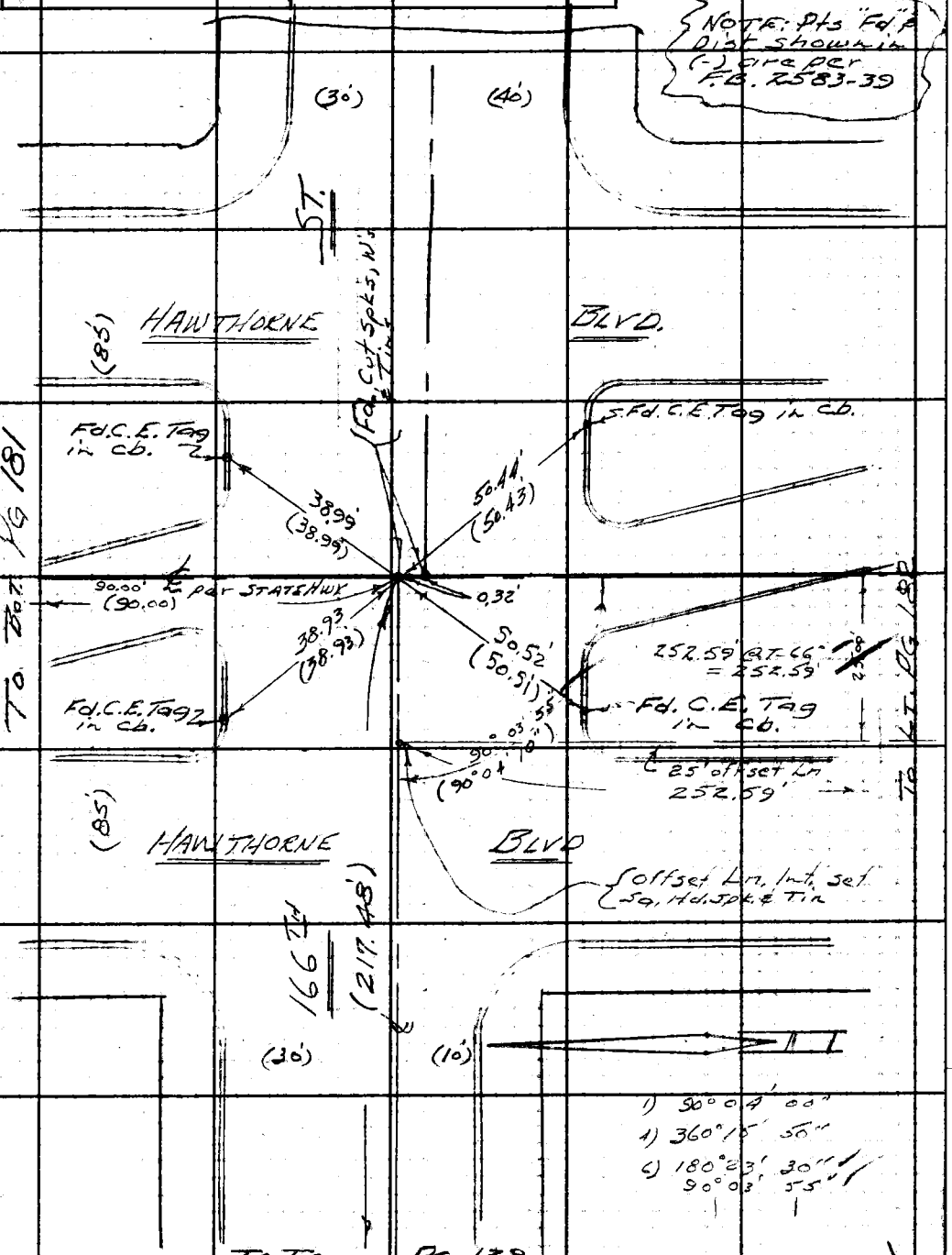


INDEX MAP

F. B. 2592 Pg. 136

Notes Ck'd by G. E. BARR	Survey of Lawndale SD.	F. B. 2592 PG. 137
Map No.	JN 6150.01 Tape 0213 Std GB °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 2-26-65	
Date	Indexed C. J. GALLI	

W.S. 25, C-3



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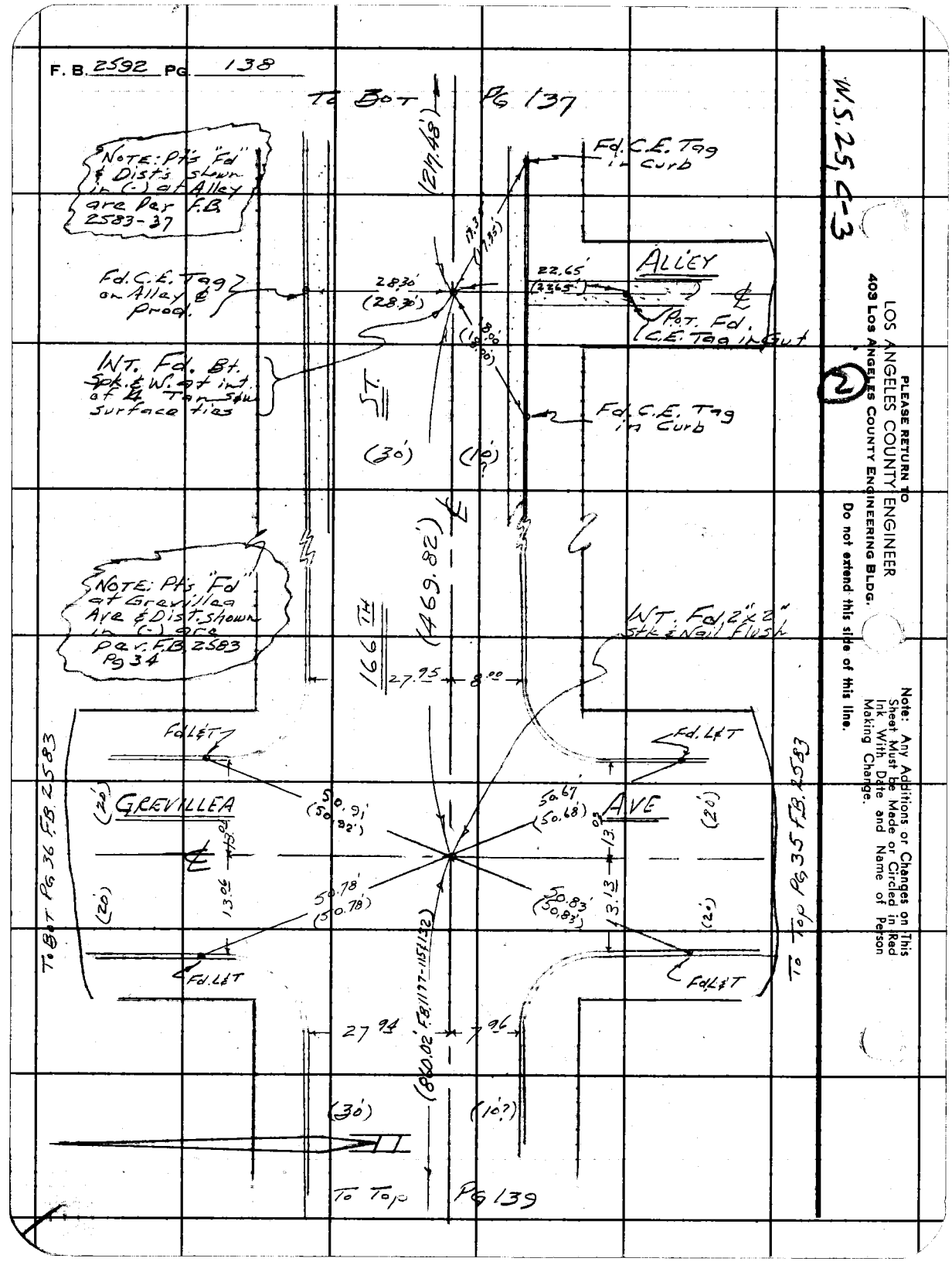
76F3098 CE #310 6-63

F. B. 2592 PG 138



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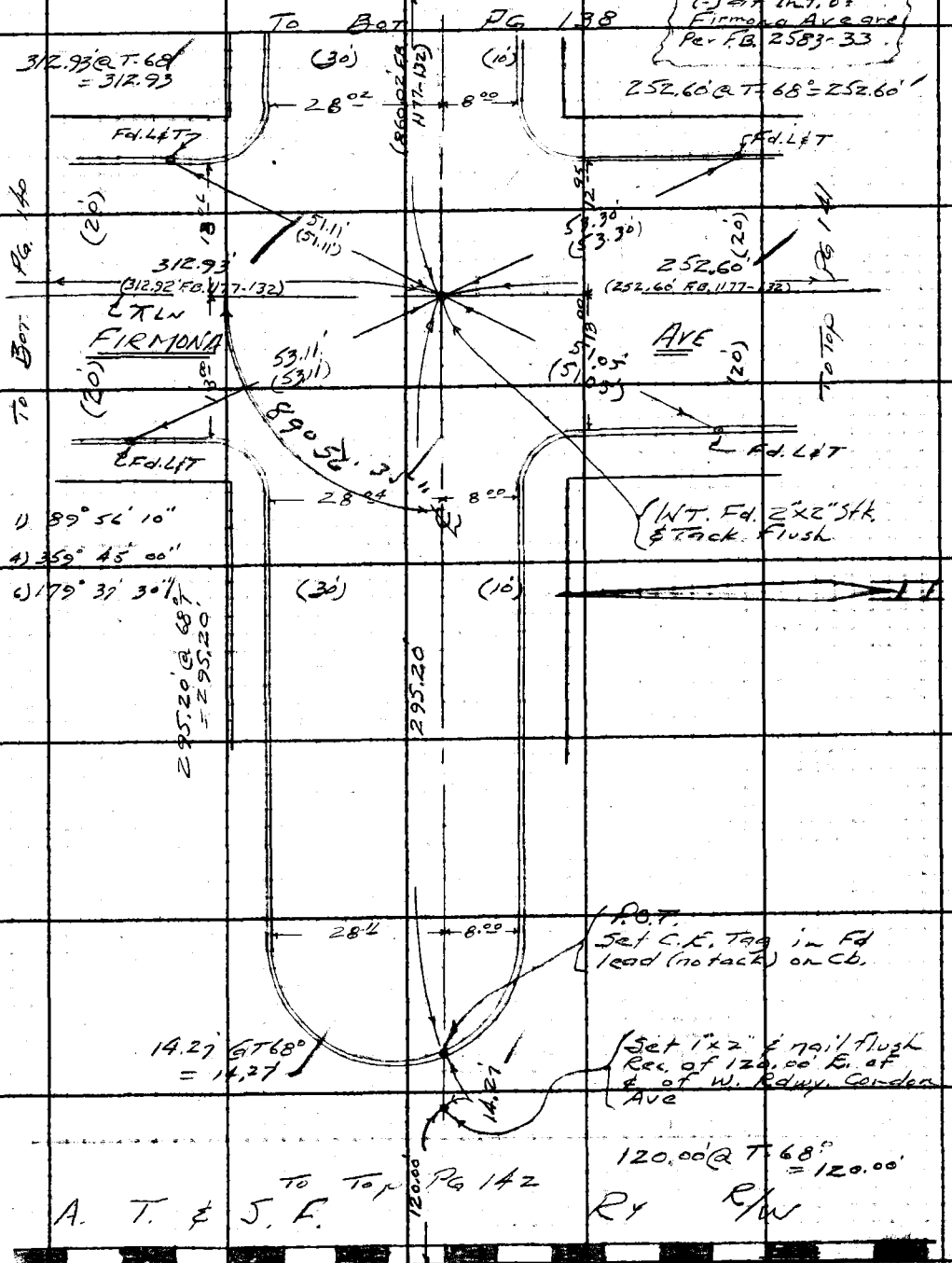
Notes Ck'd by G. E. BARR	Survey of Lawndale S.D.	F. B. 2592 Pg. 139
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 3-1-65	
Date	Indexed C. J. GALLI	

W.S. 25 C-3

NOTE: Pts. "Fd." & Dist. shown in (-) at Int. of Firmona Ave are Per F.B. 2583-33.



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76F3099 CE #310 6-63

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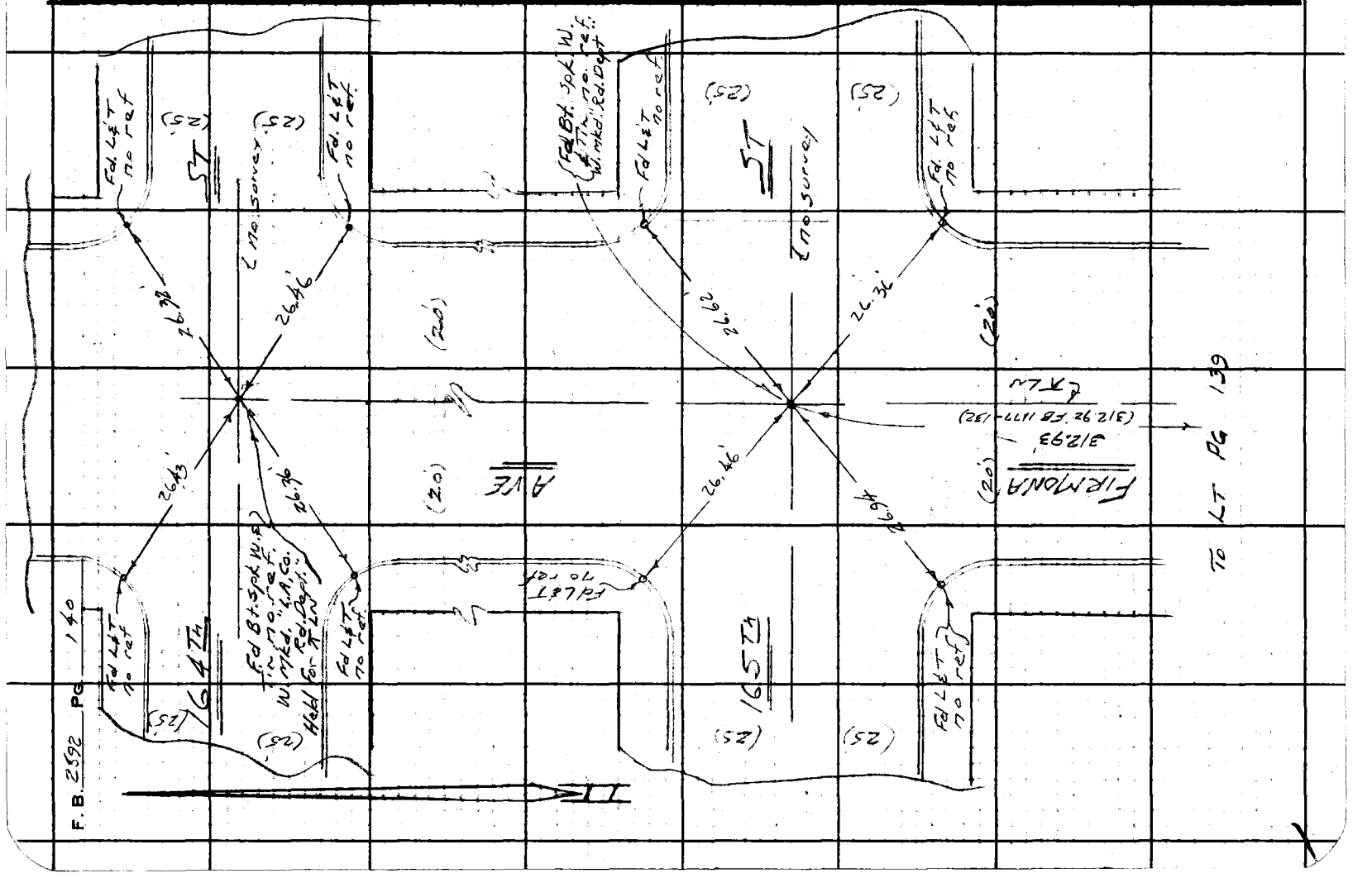
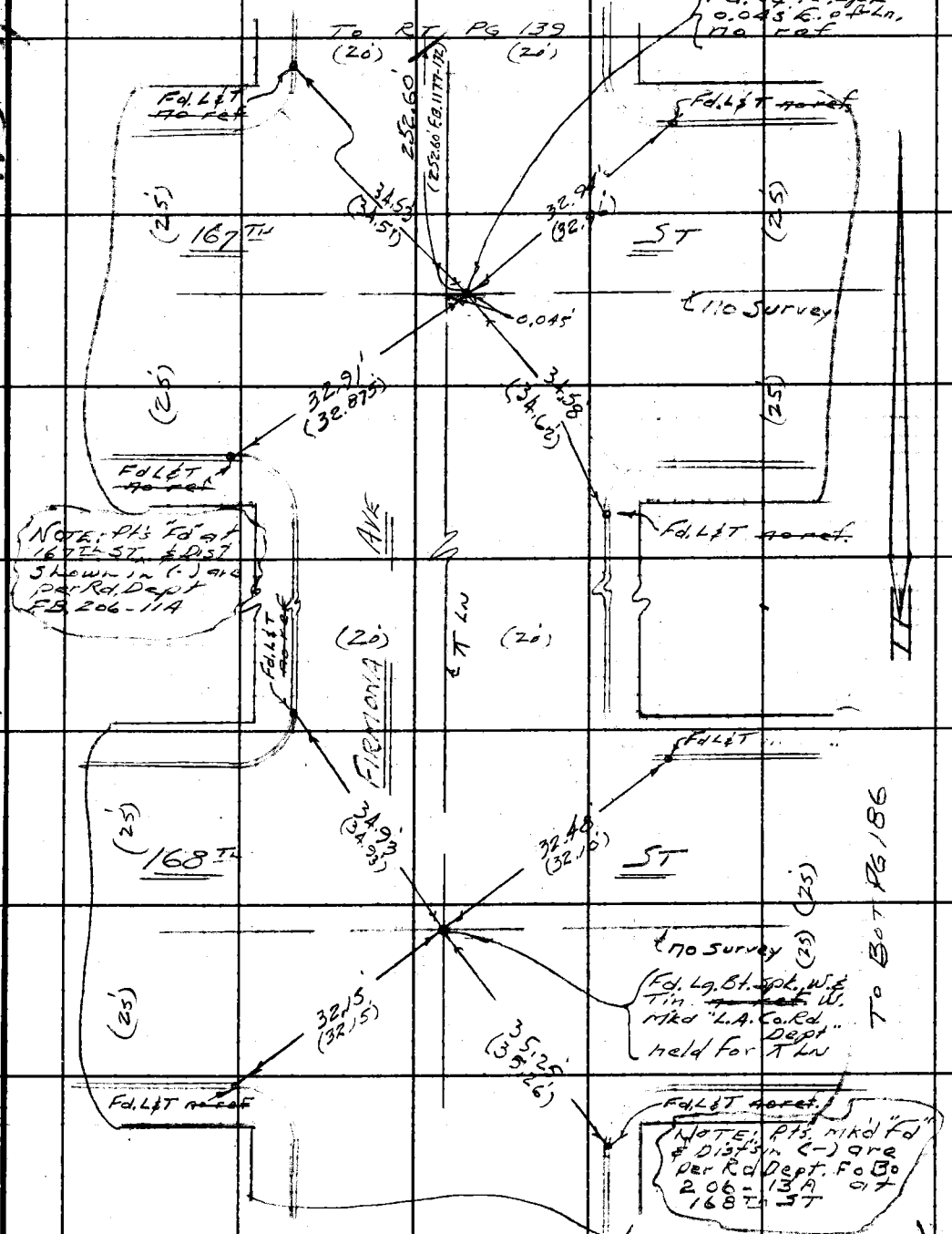
W.S. 25, C-3



Notes Ck'd by G. E. BARR	Survey of Lawndale S.D.	F. B. 2592 PG. 141
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes RTM Jr. Date 3-1-65	
Date	Indexed C. J. GALLI	

W.S. 25, C-3

13



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76F309S CE #310 6-63

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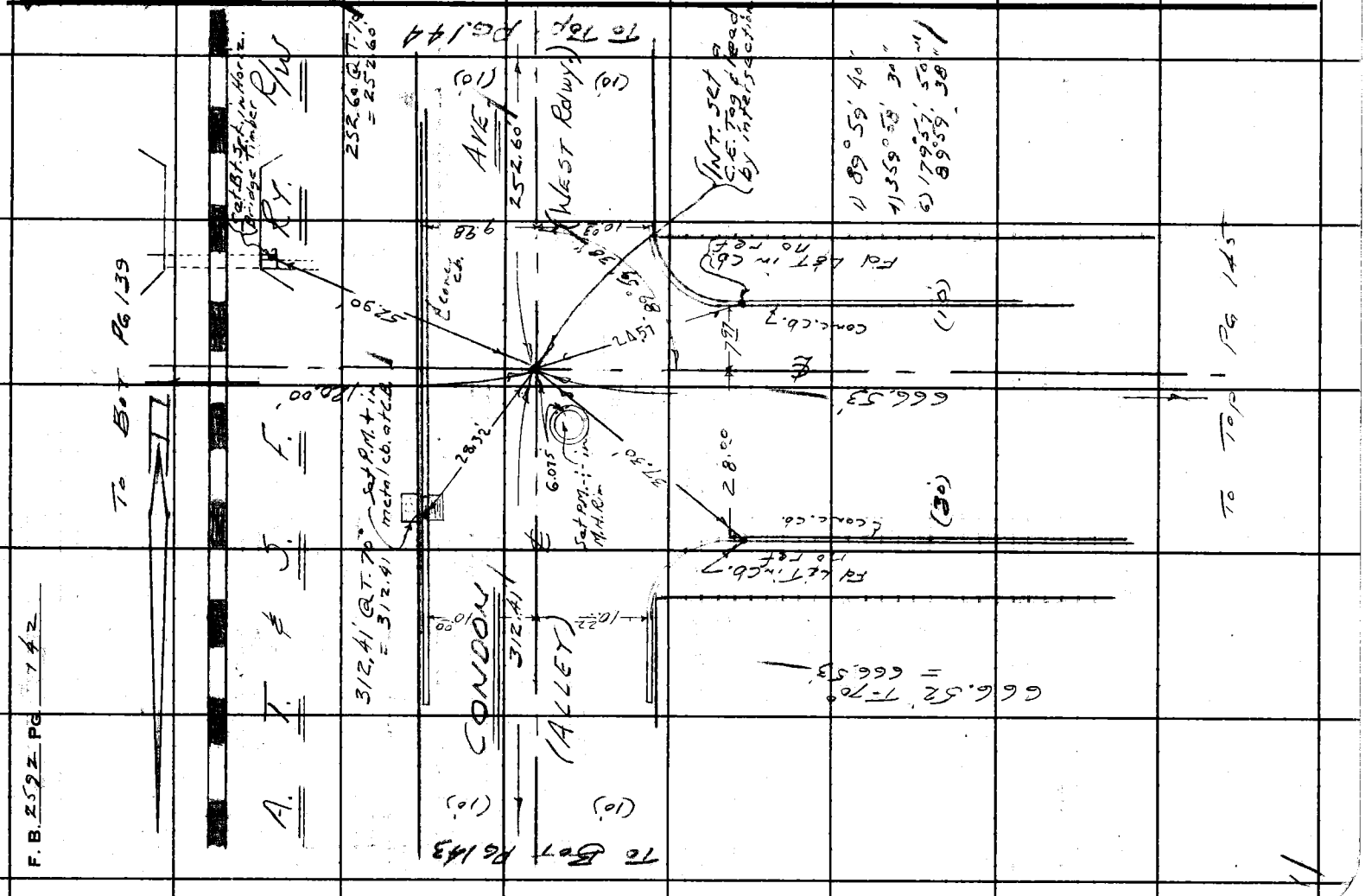
W.S. 29, C-3



F.B. 2592 PG. 142

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

Survey of Lawndale S.D.
JN 6150.01 Tape 0213 Std 68°F
Surveyed by Manley Jr.
Notes ET Mtn Date 3-2-65
Indexed E. J. GALLI

F.B. 2592 PG. 143

W.S. 25, C-3

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(A Lg Bt. Spk W. & T. no ref. W. Mkd "L.A. Co. Rd. Dept.."

162nd

℄ no survey ST

NOTE: D.T.'s "Fd." & (-) are per F.B. 11.77-148, 149, 150

Fd. N & T in P.P.

a L & T in Conc. no ref.

163rd

A Lg. Bt. Spk W. & Tin W. Mkd "L.A. Co. Rd. Dept." no ref. Held for ℄

ST

R/W

73.26 (73.26) 21.65

10.03

a L & T in Conc. x-Cut no ref.

℄ no survey

309.95 @ T 4° = 309.95

309.95' (309.98') Calc. from E. Rdwy. chaining

Fd. L & T in Conc. Porch

119.95 @ T 68° = 119.95

Fd. a N & T in Tie

A Lg Bt. Spk W. & Tin W. Mkd "L.A. Co. Rd. Dept." no ref.

82.50 (82.50)

ST

a L & T in Cb. no ref.

164th

25.45

0.03

Set nothing

119.95

℄ no survey

25.61

84.10 (84.06)

A Lg. S.W. & T. no ref.

a L & T in Cb. no ref.

309.98' (309.95') Calc. from E. Rdwy. chaining

309.98 @ 70° = 309.28

℄ Fd. N & T in R.R. Tie

(10)

309.98' (10)

8.93'

a L & T in no ref. cb.

(A Lg. Bt. Spk. W. & T in W. Mkd "L.A. Co. Rd. Dept." no ref.

ST.

165th

25.42'

0.04

Set nothing

℄ no Survey

To Bt. Pg. 146

℄ 5.02

CALN (667.21')

1.50

1.50

a L & T in Cb. no ref.

8.99'

12.5'

1) 89° 55' 50"
4) 359° 45' 20"
6) 179° 35' 00"
89° 55' 50"

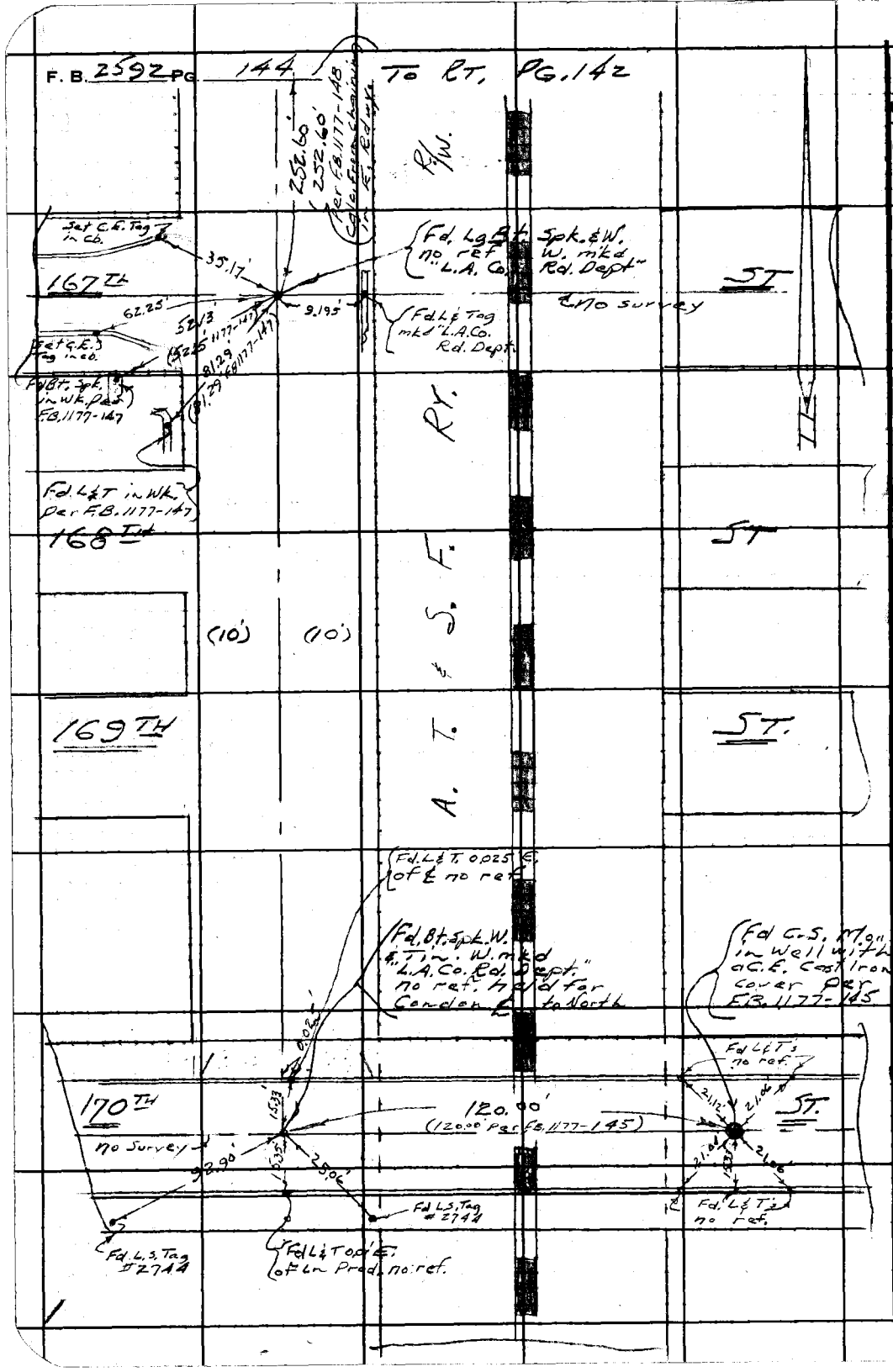
89° 55' 50"

312.41 (312.45 per 177-116) Calc. from E. Rdwy. Chaining

Fd. L & T in Head Wall Good Cond.

To Lt. Pg. 162

76F3098 CE #310 6-63



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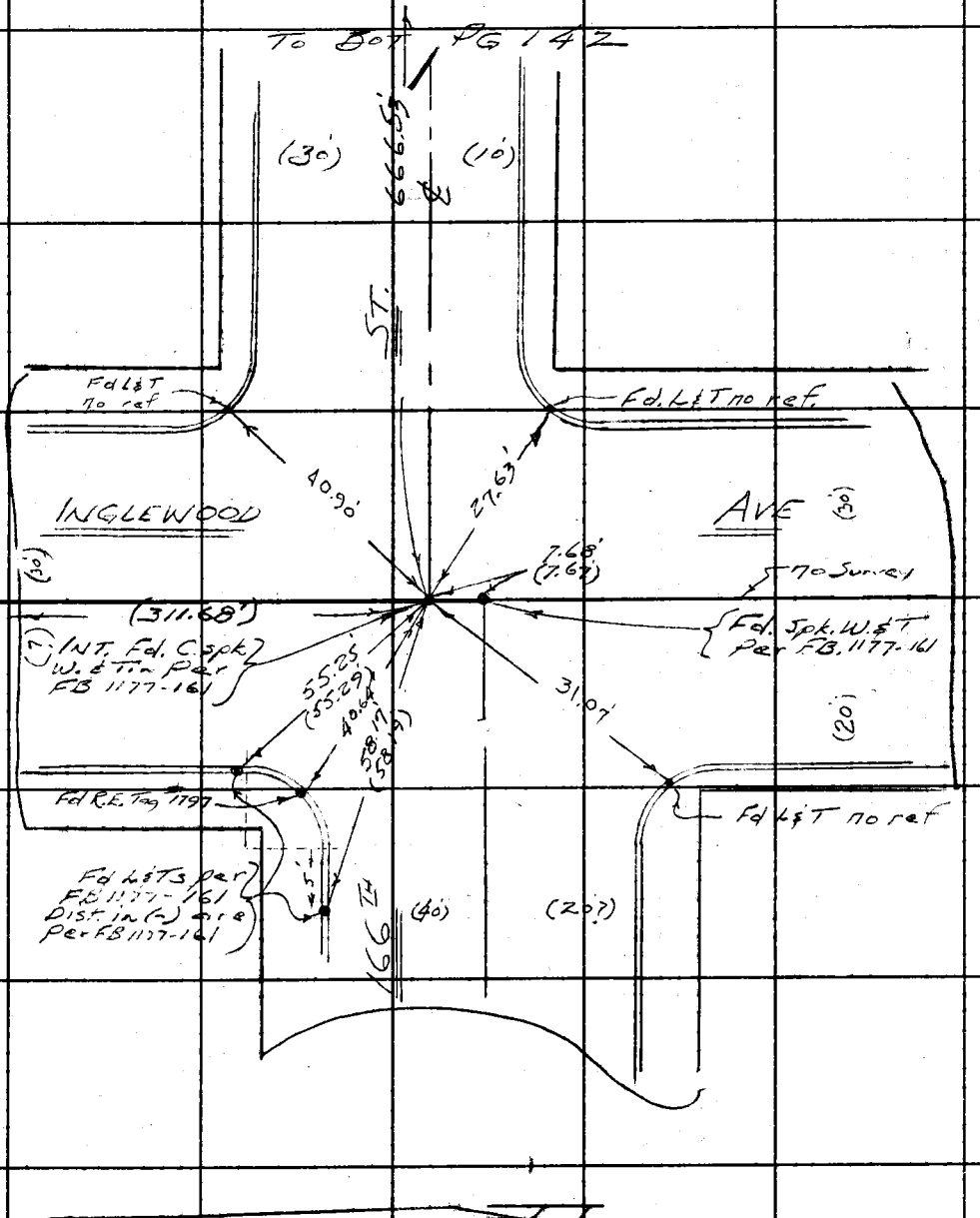
149

Notes Ck'd by G. E. BARR	Survey of Lawndale S.D.	F. B. 2592 PG. 145
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr	
Checked	Notes ETM Jr Date 3-3-65	
Date	Indexed G. J. GALLI	

W.S. 25, C-3

7



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76F309S CE #310 6-63

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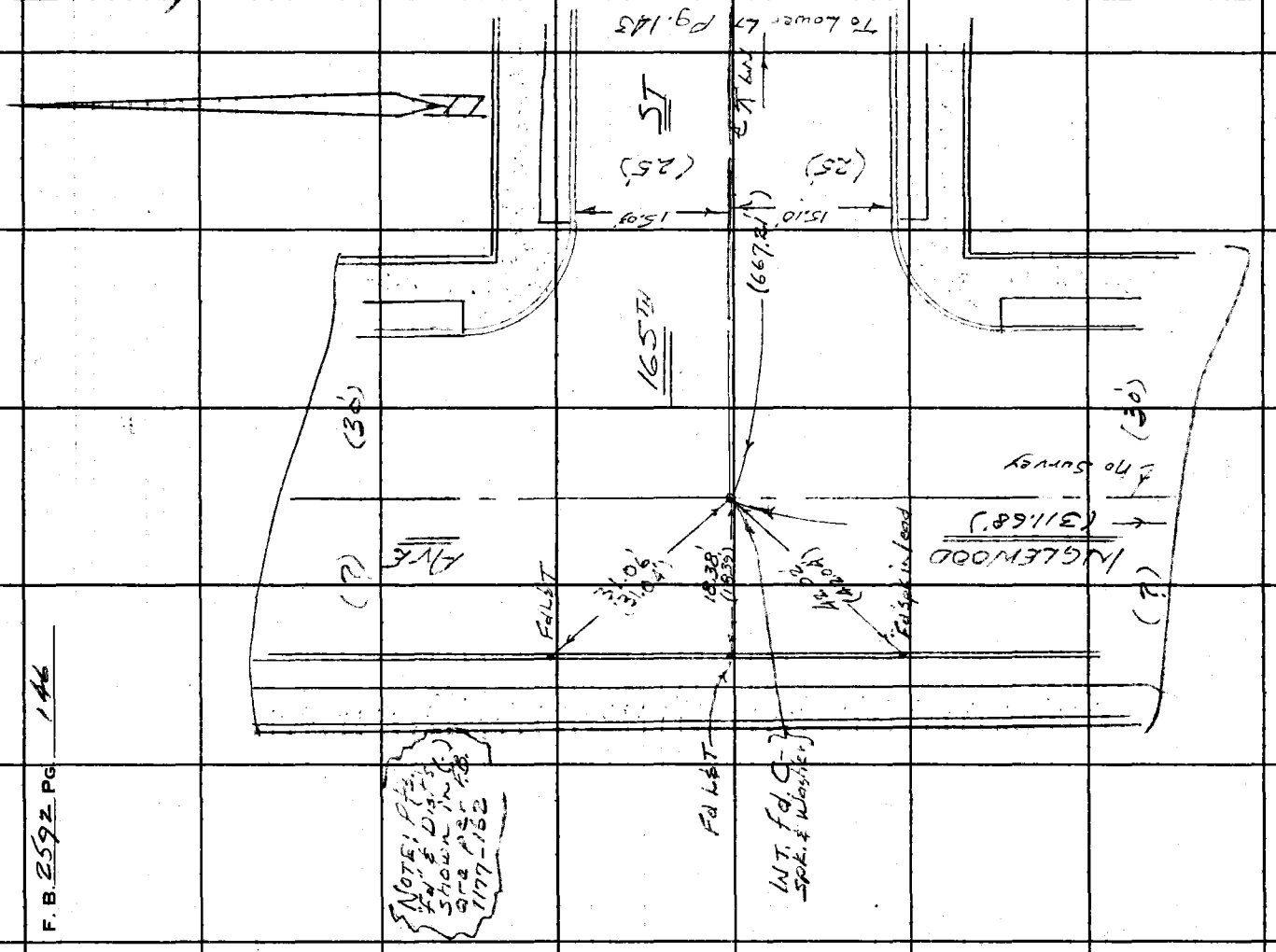
198

W.S. 25, C-3



F. B. 2592 PG. 146

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Monkey Jr.
Checked	Notes Smiley Date 3-4-65
Date	Indexed E. J. GALLI

F. B. 2592 PG. 147

J.N. 6150.01

LAWNDALE S.D.

TOPOGRAPHY

IN

166TH ST

from

GREENLEAF AVE WEST to CONDON AVE

Monkey Jr.
Smiley
Manley
Marino
Love

X

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

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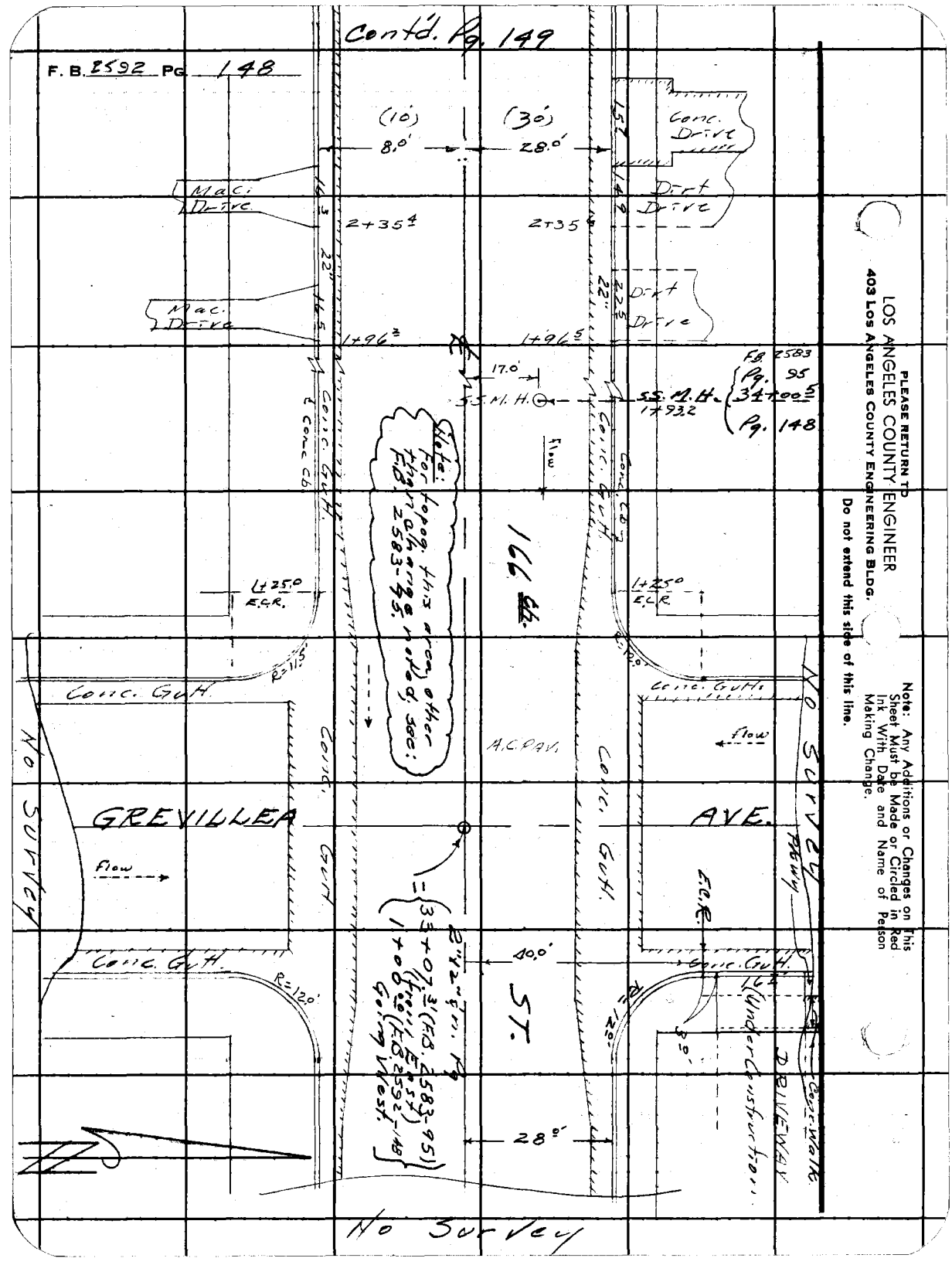
76F3995 CE #310 6-63



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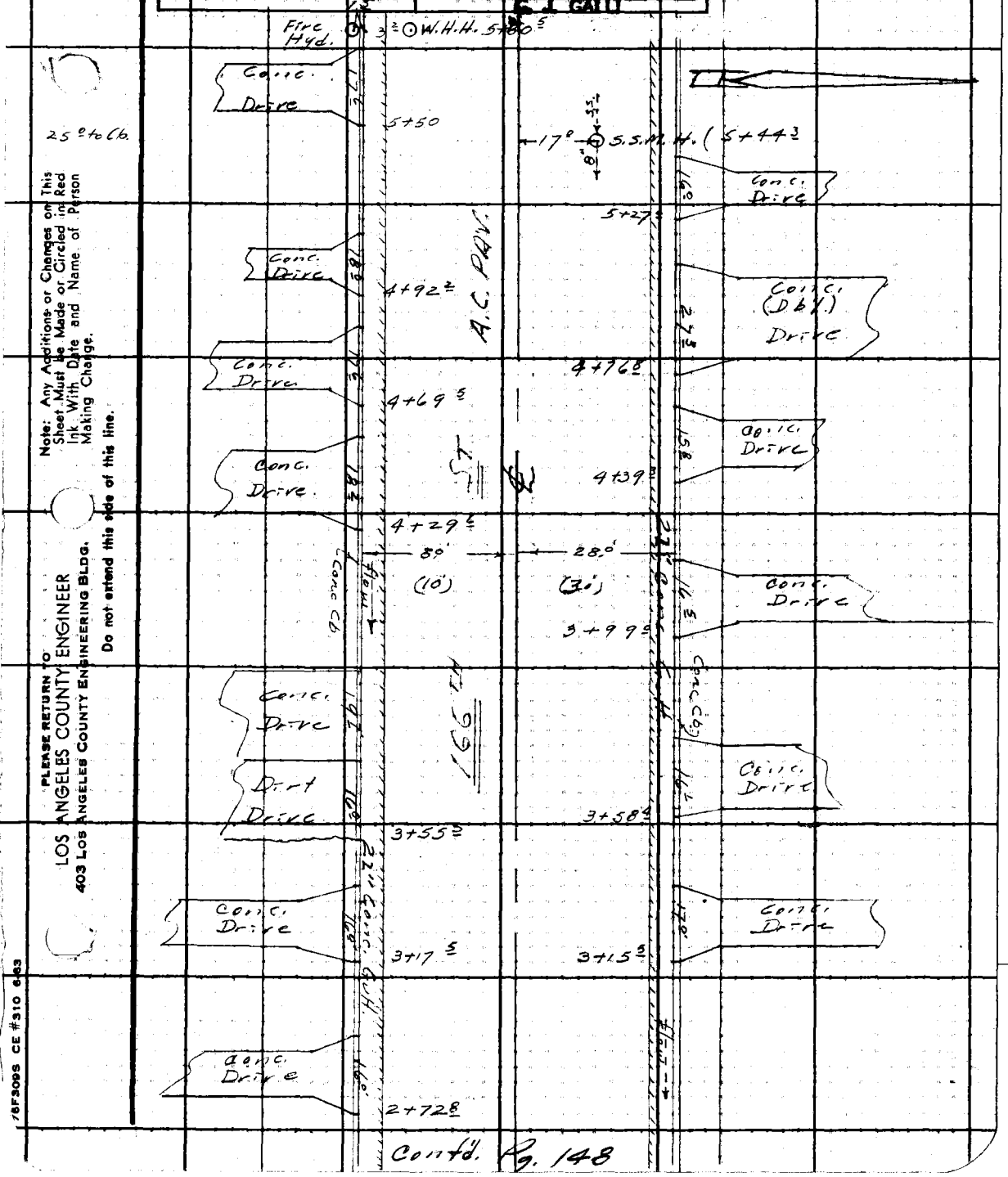
Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Markey Jr.
Checked	Notes Smiley Date 3-5-65
Date	Indexed

F. B. 2592 PG. 149

Cont'd. Pg 150



Cont'd. Pg. 148

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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78F309S CE #310 6-63

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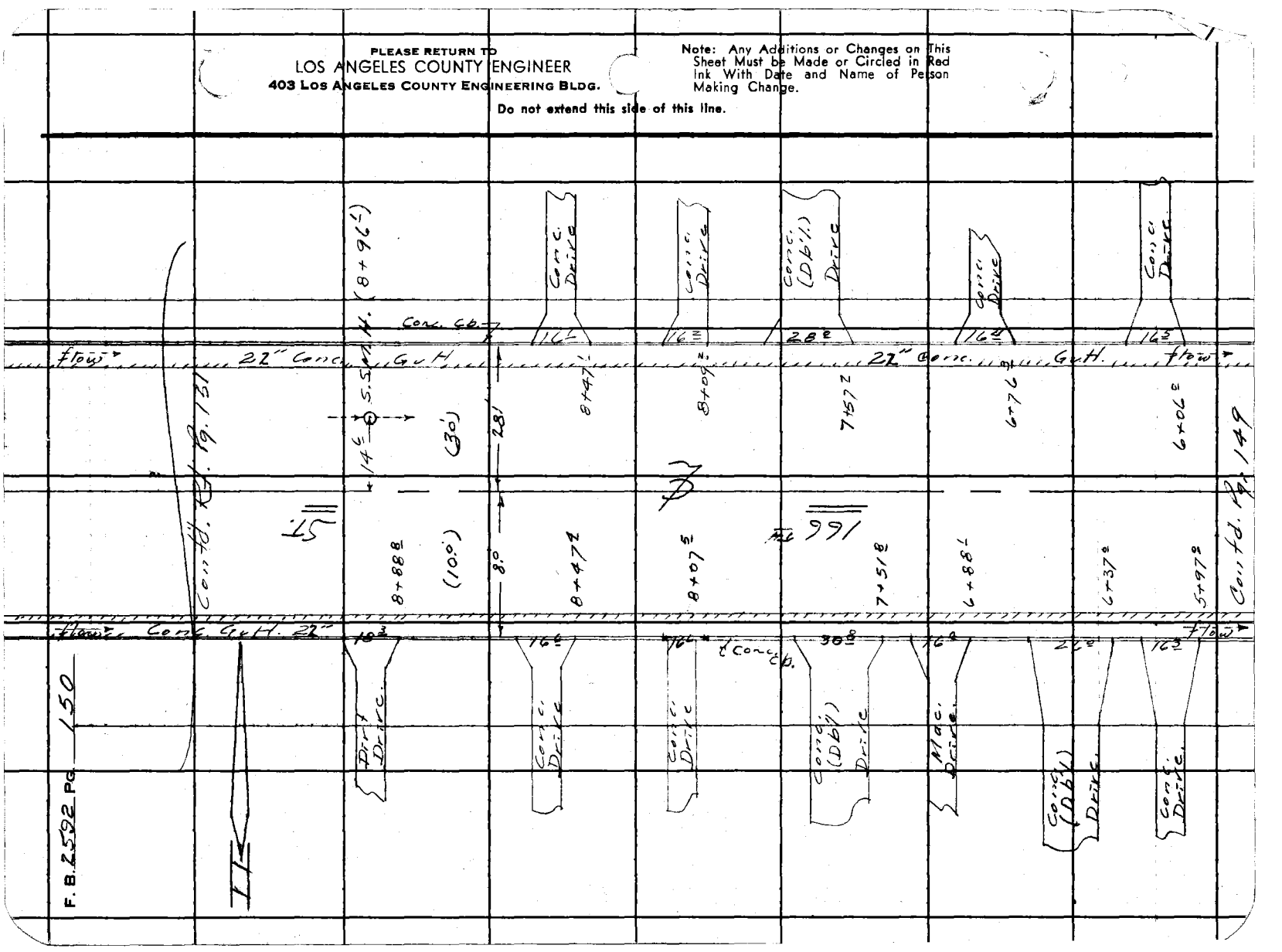
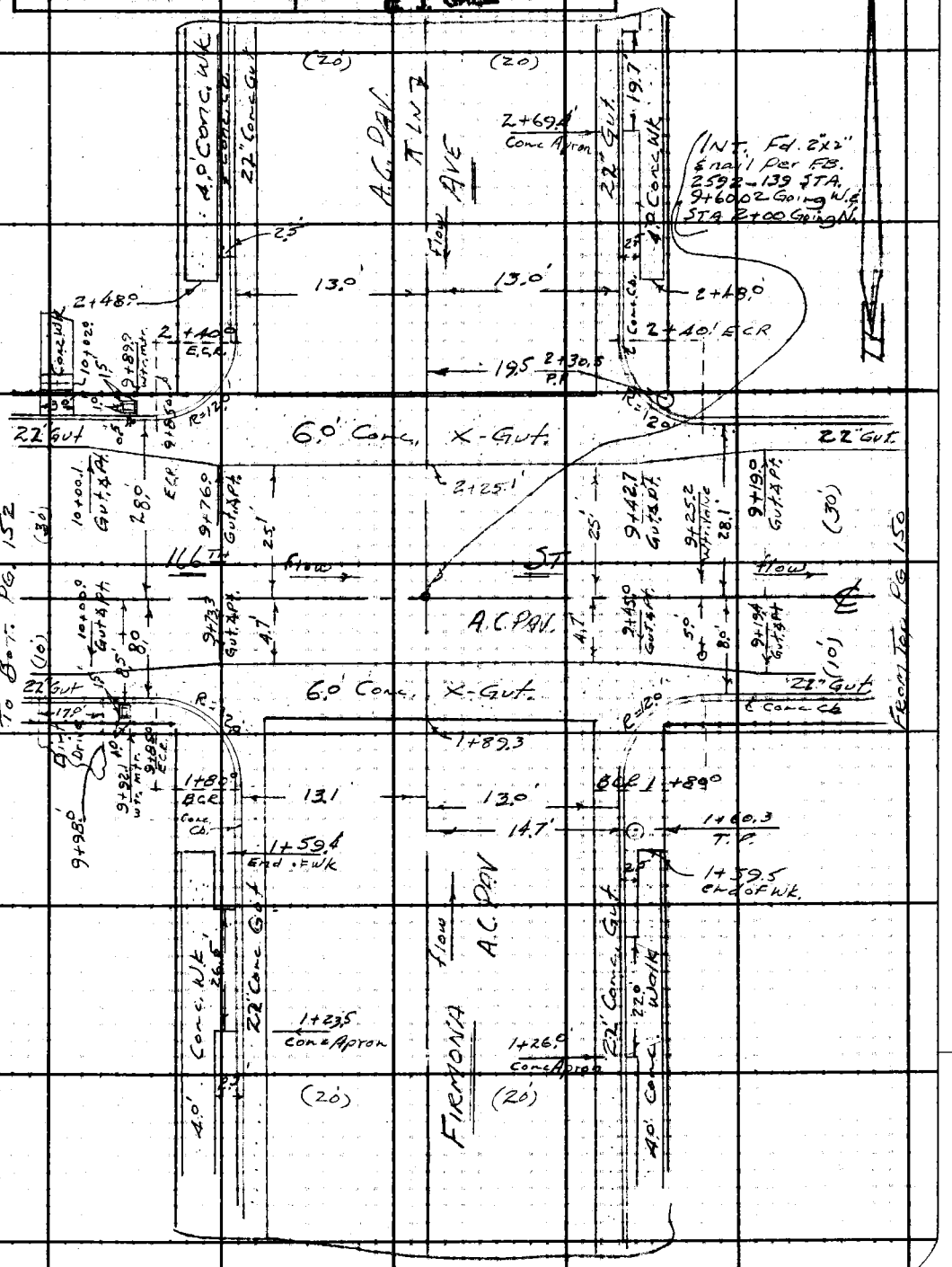


Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 151
Map No.	JN 615001 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 3-5-65	
Date	Indexed C. J. GALLI	



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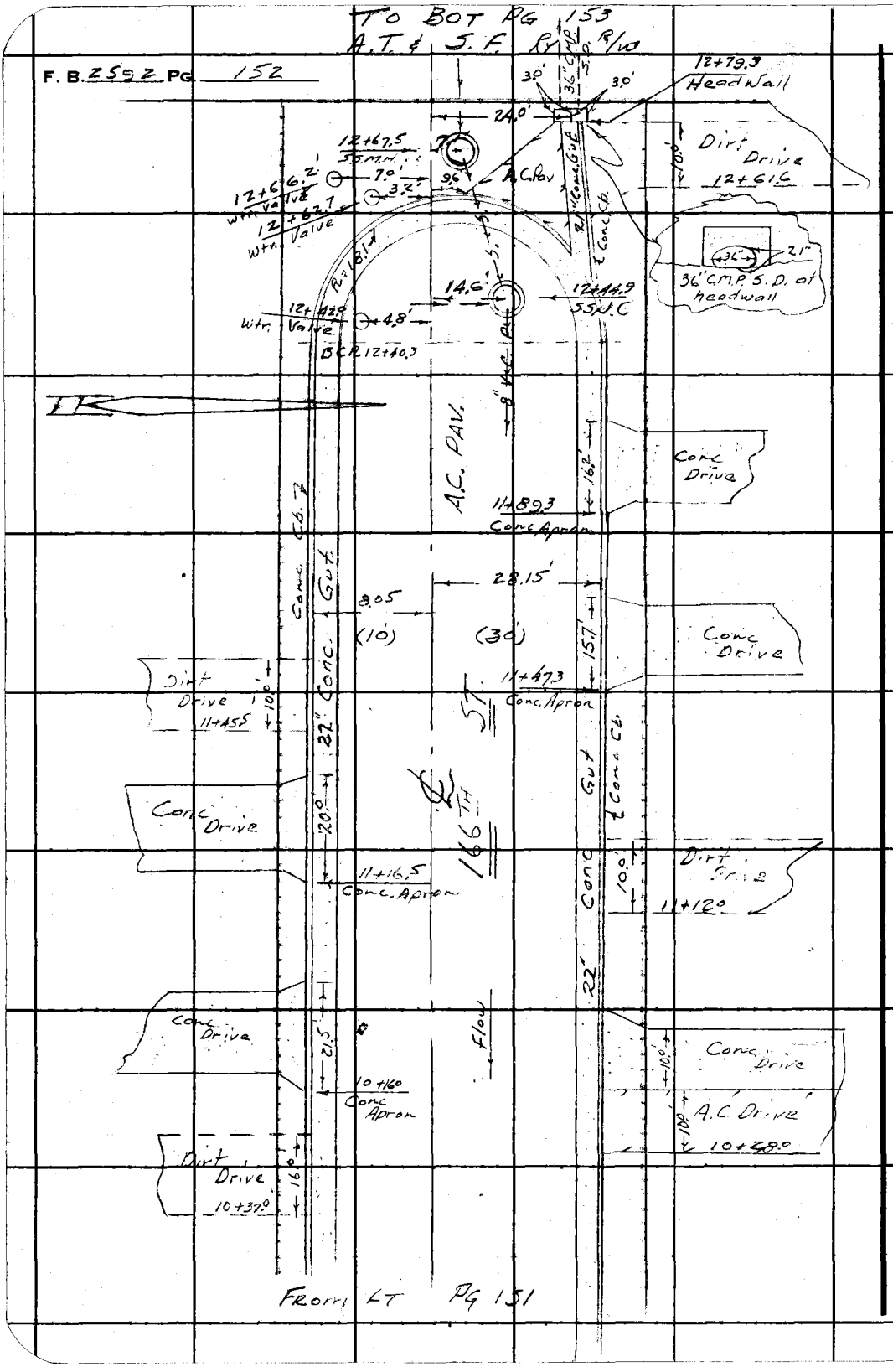
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63



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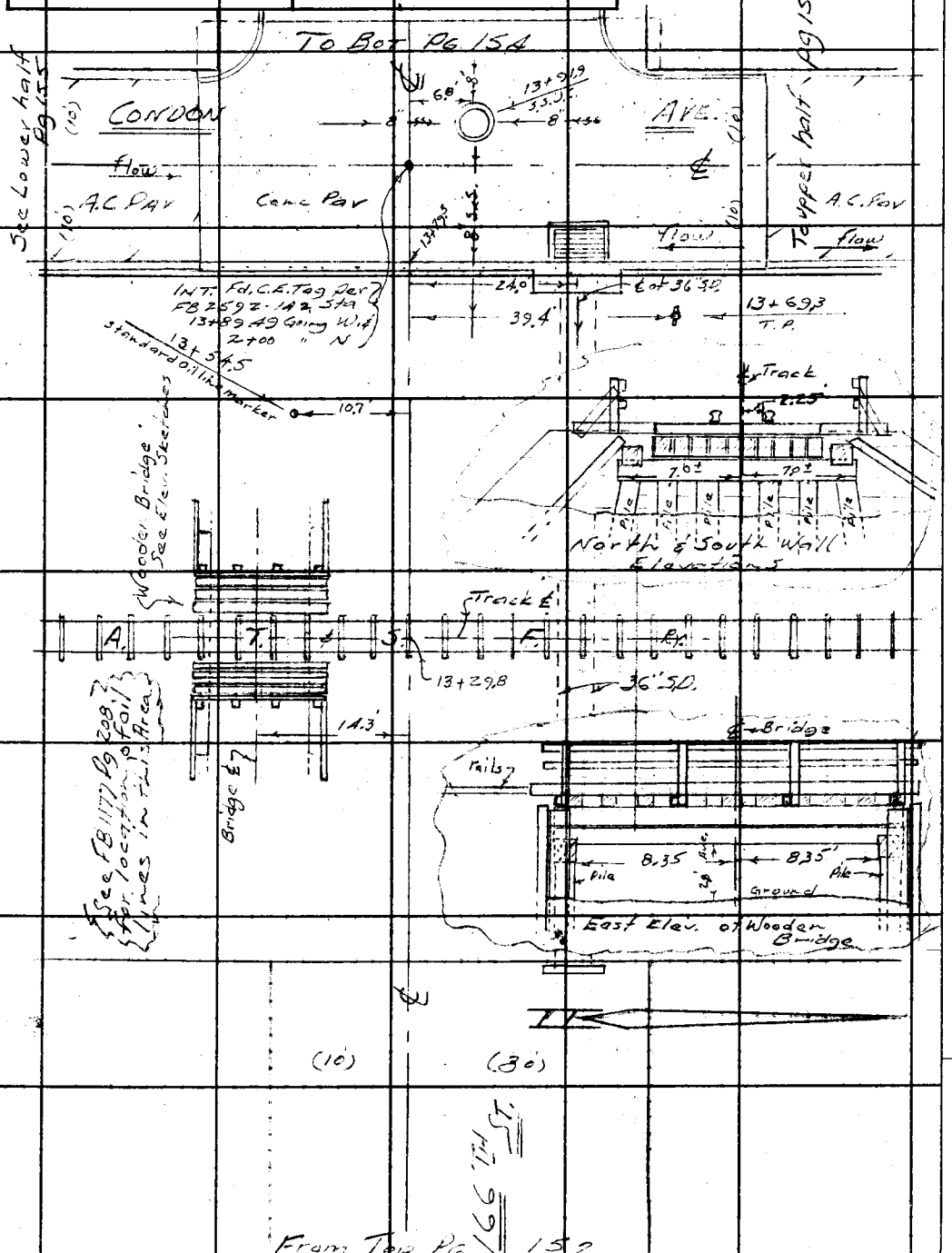
Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 153
Map No.	JN 6150.01 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes E TM Jr. Date 3-5-65	
Date	Indexed C. J. GALLI	



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

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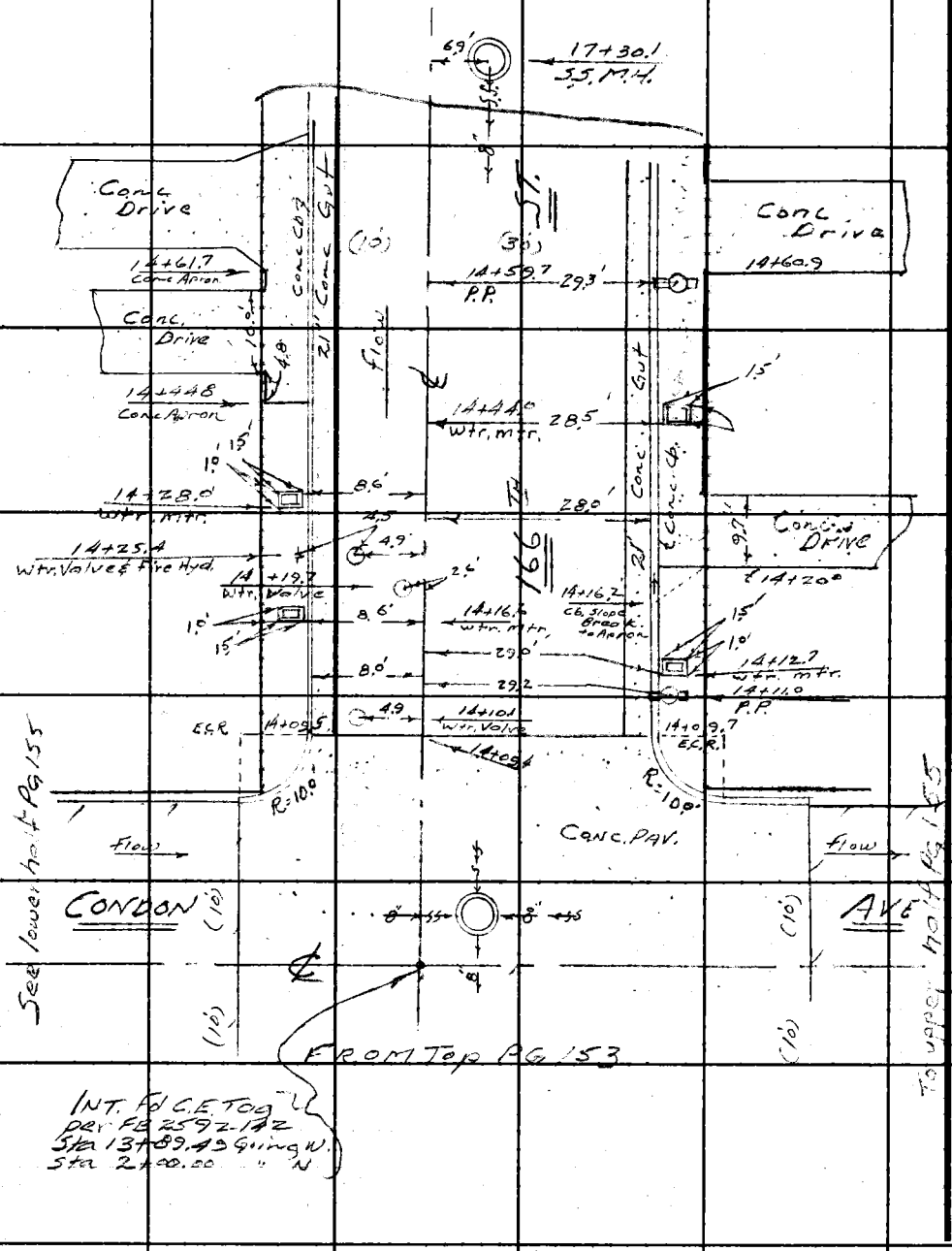
76F309S CE #310 6-63

F. B. 2592 PG. 154



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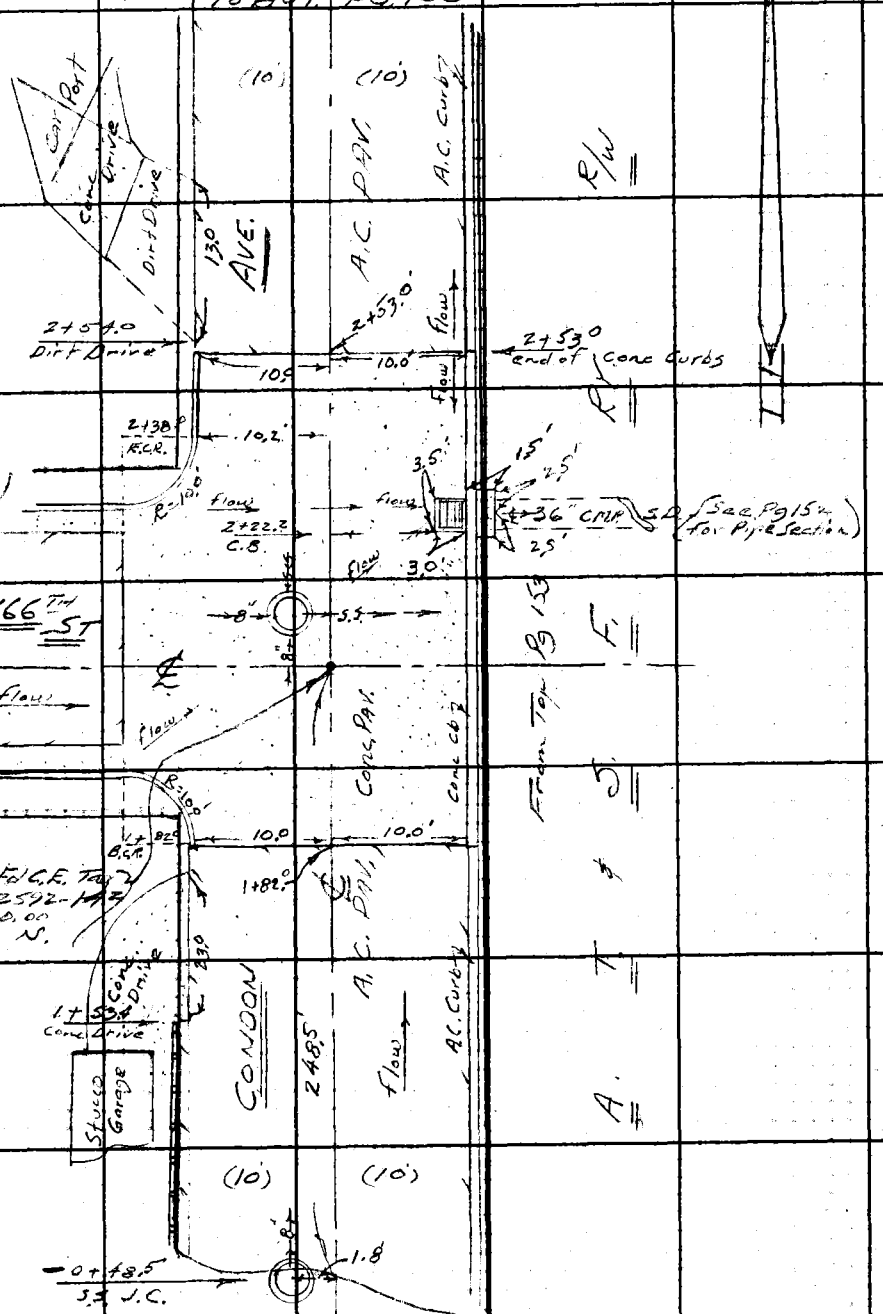
Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Engineering Dept.
Checked	Notes Station Date 3-9-65
Date	Indexed C. J. GALLI

F. B. 259 2 PG. 155

To BOT. PG. 156



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76F3095 CE #310 6/63

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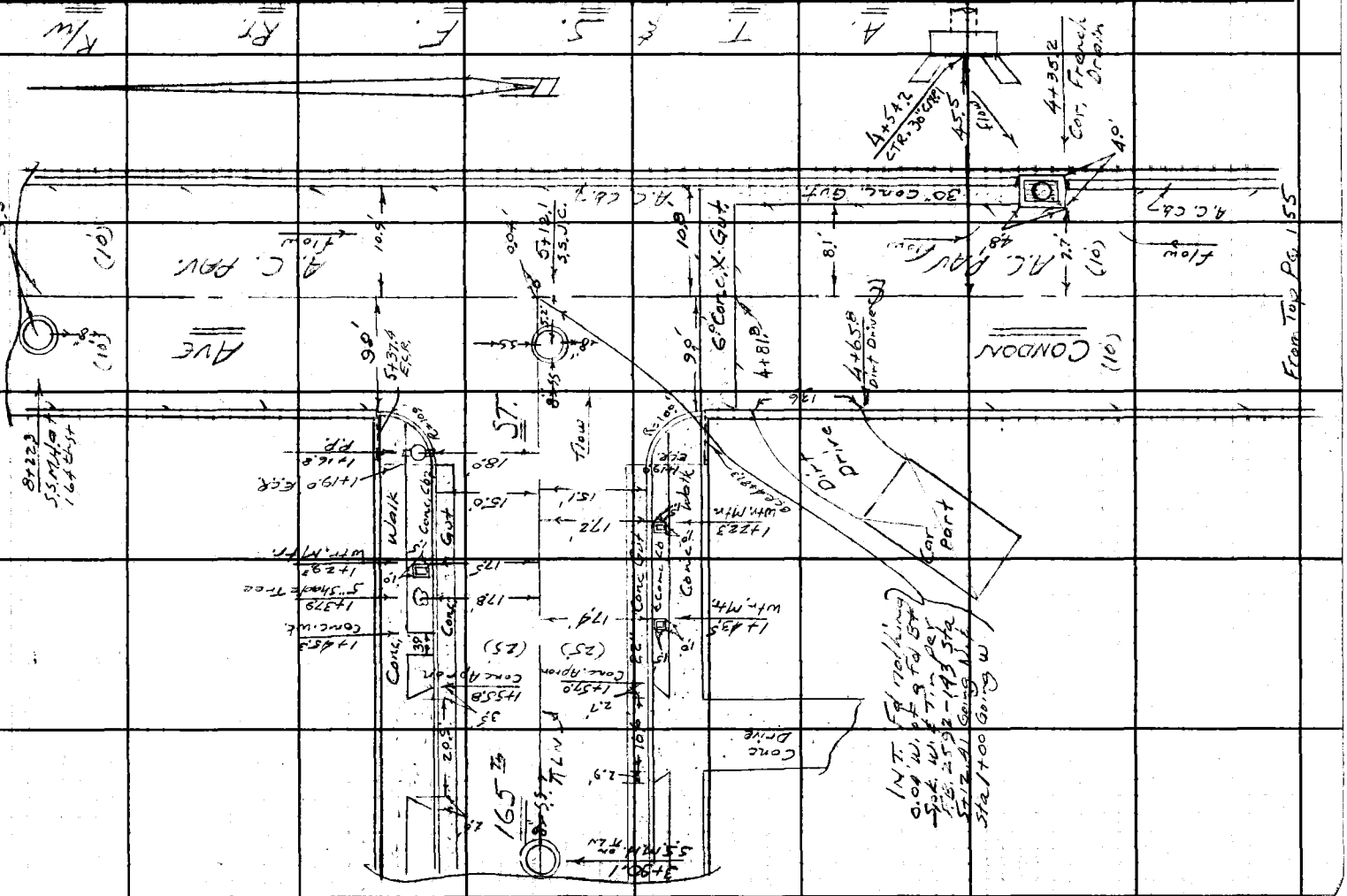
F. B. 2697 PG. 156



Profile No.	Notes Red	Plotted	Job No. 6150.01	Division No. 11
	Date	Date	Survey of Lawndale S.D.	
X-Sec. No.	Notes Chkd.	Checked	Survey by Mankey Jr.	Notes E.T.M. Jr. Date March 18 '65
	Date	Date	Map No.	Indexed C. L. CALLI Date

F.S. 2592

JN 6150.01

LAWNDALE S.D.

X-SECTIONS

in

166TH ST.

from

GREVILLEA AVE WEST TO CONDON AVE

and on

CONDON AVE.

from

166TH ST. N'ly TO 165TH ST

Mankey Jr
Smiley
Manley
Lora
Marino

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

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in 166TH ST.	
					BMSD 3201 EL 70.937	FB 2583-12
BMSD3201 Fd				70.937	W. 166th ST & Grevillea Ave	S.W. Cor.
					Bt Spk. in Cb. 61' W. of W. end	Cb. Ret.
					LT & SO.	℄ = ℄ in 166th ST RT & N
(33+07.31 Sta per FB 2583-34)						
1+00.00 INT of Grevillea Ave & 166th				70.40'		℄
1+35.				70.48'		℄
"				70.45'		14'
"				70.19'		26.0' Gut
"				70.01'		28' Gut
"				70.59'		28' Cb.
"				71.2'		30' P/L
"				70.40'	6.0' Gut	
				70.21'	8' "	
				70.89	8' Cb	
"				71.3'	10' P/L	
1+75.00				70.52'		℄
"				70.49		14'
"				70.21		26.2' Gut
"				70.03'		28' "
"				70.69'		28' Cb
"				71.1'		30' P/L
"				70.41	6.2' Gut	

F.B. 2592 Pg. 158
Job No. 6150.01 Division No. 11 Notes Red Plotted Profile
Survey of Lawndale S.D. Date Date No.
Survey by RTM Jr Notes Mandey Jr Notes Chkd. Checked X-Sec.
Indexed R. J. GALLEY Date Date No.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in 166TH ST	
					LT & SO	℄ = ℄ of 166TH ST RT & NO.
1+75.00				70.28'	8.0' Gut	
"				70.92'	8.0 Cb	
"				71.1'	10.0' P/L	
1+93.2 CTR.			Rim EL	70.45'		
30 INVERT on		8" Out	to E.	62.16'	E 70.45 Rim EL.	W 70.45
				62.16	7.62 Rim to Facet	7.60
					.67 Size of Pipe	.67
"	"	8" In	from W	62.18	62.16 INVERT	62.18'
2+75				70.63'	℄	
"				70.60		14"
"				70.24'		26.2 Gut
"				70.06'		28' Gut
"				70.73'		28' Cb
"				71.0'		30' P/L
"				70.53	6.2' Gut	
"				70.39	8.0 Gut	
"				71.03	8.0	
"				71.1	10.0' P/L	
T.P.				71.10		
3+00				70.66'	℄	
4+00				70.77'	℄	
"				70.72'		14'

Profile No. ____ Notes Red ____ Plotted ____ Job No. 615001 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Markey Jr. Notes Etta Jr. Date Mar 11 1965
Date ____ Date ____ Map No. ____ Indexed C. J. GALM Date ____

F.B. 2592 Pg. 159

76-L298 CE 307 8-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in 166TH ST. LT & S	℄ = ℄ of 166TH ST. RT & N
4+00				70.48'		26.2' Gut
"				70.24'		28' Gut
"				70.89'		28' Cb
"				71.1'		30' P/L
"				70.71'	6.2' Gut	
"				70.53'	8.0 Gut	
"				71.18'	8.0 Cb.	
"				71.3'	10.0' P/L	
5+00				70.86'		℄
5+44.3 CTR SSMH Rim. EL.				70.80		17.0' to Ctr. of Lid
INVERT on 8" Out to E.				63.27	E 70.80 Rim EL; 6.86 Rim to Facet; .67 Size of Pipe	W 70.80; 6.85; .67
" " 8" In from W.				63.28'	63.27 INVERT	63.28'
6+00				70.93'		℄
"				70.86'		14.0'
"				70.59'		26.2 Gut
"				70.39'		28' "
"				71.06'		28' Cb
"				71.0'		30' P/L
"				70.85'	6.2' Gut	
"				70.67	8' Gut	

F.B. 2592 Pg. 160

Job No. 61501 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of Lawndale S.D. Date ____ Date ____ No. ____

Survey by ETM Jr. Notes Markey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed C. J. GALL Date ____ Date ____ No. ____

76-L.296 CE 307 3-61

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Profile Notes Red. ____ Plotted ____ Job No. 61/56 Division No. 11 F.B. 2592 Pg. 16
No. ____ Date ____ Date ____ Survey of Normandie Ave. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Thornbrough Notes ETM Date 4/26/65
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS IN 166TH ST.	
					℄ = ℄ in 166TH ST.	
					LT ℄ So.	RT ℄ No.
6+00				71.31'	8.0 CB	
"				71.6'	10 P/L	
T.P.				70.92'		
7+00				71.14'	℄	
8+00				71.90'	℄	
"				71.50'		14'
"				71.24'		26" Gut
"				71.01'		28.0 Gut
"				71.69'		28.0 CB
"				71.8'		30' P/L
"				72.01'	6½' Gut	
"				71.82'	8.0 "	
"				72.50'	8.0 CB.	
"				72.7'	10' P/L.	
8+96!	CTR of SSMH		Rim EL=	72.08'		14.6 Ctr. at rim
	INVERT on	8" Out To E.		64.41'	E: 72.08 − 7.00 − .67 = 64.41 (Rim EL. − Rim to Invert − Size of Pipe = Invert)	W: 72.08 − 6.98 − .67 = 64.43
	"	" 8" In from W.		64.43		
9+00				72.63'	℄	
	T.P.			73.20	0.13 0.32 5.8	
				73.38		
9+60.02	INT. of Fireman Ave			73.08	℄	

76-L298 CE 307 5-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in	FIRMONA AVE (N'ly)
	X-SECTIONS in FIRMONA AVE				LT & W	π = π Ln in Firmona Ave. RT & E
	PG 151 for Topog.					
0+30				74.40'		π
"				74.31'		6.5
"				74.18'		11.2 Gut
"				74.06'		13' "
"				74.69'		13' Cb
"				74.79'		20' P/L
"				74.31	6.5'	
"				74.19'	11.2' Gut	
"				74.04'	13' "	
"				74.65'	13' Cb.	
"				74.75'	20' P/L	
1+30				73.78'		π
"				73.69'		6.5'
"				73.56		11.2' Gut
"				73.42'		13' "
"				74.02		13' Cb
"				74.16'		20' P/L
"				73.71'	6.5'	
"				73.59	11.2 GUT	

F.B. 2592 PG. 162

Job No. 6501 Division No. 11 Notes Red Plotted Profile

Survey of Lawndale S.D. Date Date No. X-Sec.

Survey by ETM Jr. Notes Mankay Jr. Notes Chkd. Checked

Indexed C. J. [illegible] Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X: SECTIONS in FIRMONA AVE (Cont.) LT & W	π = π Ln. in Firmona Ave RT & E
1+30				73.41'	13' Gut	
"				74.09'	13' Cb.	
"				74.19'	20' P/L	
1+70				73.47'		π
"				73.44'		6.5'
"				73.36'		11.2' Gut
"				73.19'		13' Gut
"				73.85'		13' Cb
"				73.7'		20' P/L
"				73.45'	6.5'	
"				73.37'	11.2' Gut	
"				73.24'	13' "	
"				73.88'	13' Cb.	
"				74.2'	20' P/L	
1+89.3				73.19'		π So. edge conc. X-Gut
1+92.3				73.02'		π fl. " "
1+95.3				73.22'		π No. " " "
2+00 INT of 166TH ST.				73.08'		π
2+25.				71.98'		π So. edge Conc. X-Gut.
2+28.				71.76'		π fl. " "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6150.01 Division No. 11 F.B. 2592 Pg. 163
X-Sec. No. ____ Date ____ Date ____ Survey of Lowndale S.D.
Notes Chkd. ____ Checked ____ Survey by Markey Notes ETM Date 3-11-65
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in FIRMONA AVE LT & W	⊼ = ⊼ Lw. in Firmona RT & E
2+31.1				71.97		⊼ N. edge conc x-Gut
2+50				72.35'		⊼
"				72.25		6.5
"				72.02'		11.2 Gut
"				71.84'		13.0 Gut
"				72.53'		13.0 Cb
"				72.69'		20 P/L
"				72.37'	6.5'	
"				72.20'	11.2 Gut	
"				72.02'	13.0 Gut	
"				72.70'	13 Cb	
"				72.88'	20' P/L	
2+90				72.46'		⊼
"				72.24		6.5
"				72.03		11.2' Gut
"				71.87'		13' Gut
"				72.55		13' Cb
"				72.68'		20 P/L
"				72.30'	6.5'	
"				72.21'	11.2' Gut	

F.B. 2592 Pg. 164

Job No. 6150.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of Lawndale S.D. Date ____ Date ____ No. ____

Survey by Etmdn Notes Monkeydr Notes Chkd ____ Checked ____ X-Sec. ____

Indexed C. J. GALLE Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in FIRMONA AVE	
					LT & W	⊼ = ⊼ LN. in Firmona Ave RT & E.
2+90				72.03'	13' Gut	
"				72.71	13' Cb	
"				72.78'	20' P/L	
3+90				72.47		⊼
"				72.23'		6.5
"				72.13		11.2 Gut
"				72.00		13' "
"				72.64'		13' Cb
"				72.77'		20' P/L
"				72.32'	6.5'	
"				72.31'	11.2' Gut	
"				72.19'	13' Gut	
"				72.84'	13' Cb	
"				72.98'	20' P/L	
RESUMED X-SECTIONS in 166TH ST. W'ly from FIRMONA AVE						
					LT & SO	℄ = L in 166TH ST. RT & N.
9+60.02	INT of Firmona Ave			73.08		℄
9+95				73.13'		℄
"				72.52'		14.0

Profile No. ____ Notes Red ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 165
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Mackey Jr. Notes RTMd Date 3-11-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in 166TH ST. LT & SO.	℄ = ℄ in 166TH ST. RT & N.
9+95				72.04'		26.0'
"				71.94'		28 Gut
"				72.60'		28' Cb
"				73.0'		30' P/L
"				73.29'	6.0' Gut	
"				73.12'	8.0' "	
"				73.77'	8.0 Cb	
"				73.8'	10' P/L	
10+35				73.18		℄
"				72.58'		14'
"				72.14'		26.2' Gut
"				72.02'		28' Gut
"				72.67'		28' Cb
"				72.7		30' P/L
"				73.35'	6.2' Gut	
"				73.22'	8' "	
"				73.85'	8' Cb	
"				73.8'	10' P/L	
T.P.				72.73'		

F.B. 2592 Pg. 166
Job No. 615001 Division No. 11 Notes Red Plotted Profile
Survey of Lawndale S.D. Date Date No.
Survey by ETM Jr. Notes Monkeydo Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in 166TH ST. LT & SO.	℄ = ℄ of 166TH ST RT & N.
11+35				73.32'		℄
"				72.75'		14'
"				72.34'		26.2 Gut.
"				72.18'		28' "
"				72.81'		28' Cb.
"				73.0'		30' P/L
"				73.51'	6.2' Gut	
"				73.32'	8' Gut	
"				73.97'	8' Cb	
"				74.1'	10' P/L	
12+00				73.20'		℄
12+40.3 B.C.R.				72.89'		℄
"				72.74		14'
"				72.47		26.2 Gut
"				72.30		28' Gut
"				72.96		28' Cb.
"				73.3		30' P/L
"				72.90'	6.2' Gut	
"				72.75	8.0 "	
"				73.40'	8.0 Cb	
"				73.6'	10' P/L	

Profile Notes Red ____ Plotted ____ Job No. 6150.01 Division No. 11 F.B. 2592 Pg. 167
No. ____ Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Monkey Jr. Notes Ft. Mtn. Date 3-11-'65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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F.B. 2592 Pg. 168 Job No. 5.8.1 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ No. ____ X-Sec. ____
Surveyed by Elmer Notes Marks-Ely Notes Cald. ____ Checked ____ Date ____ No. ____
Indexed L. J. Cain Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in 166TH ST.
BM SD 3259 (Rd)				73.43	BM SD 3259 EL 73.43 FB 2592-23
				73.43	W. 166th St., SO. Cb., 250'± W. of Firmona Ave & E. Bl. Sek in Cb., by fire hyd., in front of Hse ±4626
					LT ℄ SO. ℄ = ℄ of 166th ST. RT ℄ No.
12+44.9 CTR S&W.C. Rim EL.				72.78	14.6' to Ctr. of Rim
INVERT on 8" Out to E.				65.55	E 72.78 / 6.56 / .67 / 65.55 — Rim EL. / Rim to Invert / Size of Pipe / INVERT — S.W. 72.78 / 6.51 / .67 / 65.60' — S. 72.78 / 6.32 / .67 / 65.79'
" " 8" In. from S.W.				65.60	
" " 8" In. from S.				65.79	
12+52.7				72.68	℄ Gut
12+54.8'				72.58	℄ Gut
12+54.8'		depressed Cb. in 18' Rad		72.67	℄ Cb
12+67.5 CTR S&MH Rim EL.				72.87	7.1' to Ctr. of Rim
INVERT on 8" Out to N.E.				65.74	E 72.87 / 6.46 / .67 / 65.74' — Rim EL / Rim to Invert / Size of Pipe / INVERT — W. 72.87 / 6.39 / .67 / 65.81'
" " 8" In from W.				65.81	
12+79.3 INVERT on 36"x21" oval SD. Direct				72.45	24.0'
12+79.5				73.1'	℄
12+85				74.2'	℄
13+00 E. side R.R. Fill				74.5'	℄
" " " " "				74.3	25'
" " " " "				73.3'	50'
" " " " "				74.1'	25'
" " " " "				73.6'	50'

78L298 S & E #307 9-44

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Profile Notes Red____ Plotted____ Job No. 6504 Drawing No. 11
No.____ Date____ Date____ Date 6-22-44 F.B. 3392
Z-Sec. Notes Chkd____ Checked____ Survey by Tarbuck & Nunn Est'd by Date R-11-44
No.____ Date____ Map No.____ Indexed by J. Capitol Date

STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in 166T
					℄ = Lot 166 thst.
					Lt ℄ Sp. ℄ Rt ℄ Sp.
13+19	Base of Ballast			80.7'	℄
13+27.3	CTR. East Rail			81.91	℄ Top of rail
"				81.33'	50' Top of rail
"				82.49	50' Top of rail ℄
13+29.8	CTR. of Rails			81.3'	℄ Ballast
13+37	N. Base of Ballast			80.6	℄
13+44				80.5'	℄
13+57	W. side of RR. fill			75.6'	℄
"	" " " "			74.1	50'
"	" " " "				50'
T. P.				74.75'	
13+79.4	Invert of 36"x24" Ovoid S.D. Direct			72.97'	24'
13+79.5				74.97'	℄ C.b
↑				74.18'	℄ Gut
13+89.45	INT of Condon Ave (W. Rdwy)			74.21'	℄
13+91.9	CTR S.S.N.C.	Rim EL		74.07	6.8' To Ctr. of Rim
	INVERT on 8" Out to E.			66.07'	E 74.07' / 7.33 / .67' = 66.07
	" " 8" In from N.			66.21'	N 74.07' / 7.19 / .67' = 66.21
	" " " " " W.			66.14'	W. 74.07' / 7.26 / .67' = 66.14
	" " " " " S.			66.14'	S 74.07' / 7.26 / .67' = 66.14

Rim to face of pipe
Size of pipe
Invert

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in 166th ST	
(See PG's 171 for Condon Ave X-Section)					LT & So.	℄ = ℄ of 166th St. RT. & No.
14+19.5				74.43'		℄
"				74.50'		14.0'
"				74.10		26.2' Gut
"				74.00'		28' Gut
"				74.50'		28' Cb
"				74.5		30' P/L
"				74.31'	6.8 Gut	
"				74.16'	8.0' "	
"				74.77'	8.0 Cb	
"				74.9'	10' P/L	
14+59.5				74.63'		℄
"				74.74		14'
"				74.46'		26.2' Gut
"				74.32'		28' "
"				74.79'		28' Cb
"				75.0'		30' P/L
"				74.49	6.2' Gut	
"				74.34'	8.0' "	
"				74.95'	8.0 Cb.	
"				75.0	10' P/L	

F. B. 2592 Pg. 190 Job No. 615081 Division No. 11 Notes Red. Plotted Profile
Survey of Lawndale S.D. Date Date No.
Survey by ETM Jr Notes Monkey Jr Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

78L298 S & E #307 9-54

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Profile Notes Bad____ Plotted____ Job No. 64566 Division No. 11
No.____ Date____ Date____ Surveyed____ Survey by K. Runckel & S.D.
X-Sec. Notes Chkd____ Checked____ Survey by Kenneth Runckel & S.D. Date 4-11-45
No.____ Date____ Date____ Map No.____ Indexed____ F. B. 2592 p. 117

STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in 166TH ST.	
					LT ℄ So.	℄ = ℄ of 166TH ST. RT ℄ No
15+59.5				75.17		℄
"				75.27'		14'
"				75.13'		26.2' Gut
"				74.95'		28' "
"				75.42'		28' cb
"				75.5'		30' P/L
"				74.98'	6.2' Gut.	
"				74.81'	8' "	
"				75.45'	8' cb	
"				75.6'	10' P/L	
T.P.				75.17		
17+30.1 CTR. S.S. M.H. Rim EL				77.32	8.46 Rim to Facet 5.67 5.13 Size of V.C.P.	6.9' To Ctr of Rim
INVERT on 8" Out to E.				68.19'		
T.P. (℄ Int 166TH ST. & Condon Ave.)				74.22		

X-SECTIONS in CONDON AVE (W. RDWY) GOING N. from 166TH ST. with INT. 95 2+00

					LT ℄ W	℄ = ℄ of Condon Ave W. Rdwy RT ℄ E.
-04485' CTR S.S. I.C. 248.5' So. of 166TH ST.				77.80	10.35 Rim to Facet 1.67 Size of V.C.P.	1.8' Grade
INVERT on 8" out to N				66.78	66.78' INVERT	

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in CONDON AVE. LT & W.	℄ = ℄ of Condon Ave RT & E
0+32				76.40'		℄
"				76.40'		5'
"				76.12'		10' A.C. Gut
"				76.70'		10' A.C. Cb & P/L
"				76.28'	5'	
"				76.18'	10' edge Pav & P/L	
1+32				75.27'		℄
"				75.17'		5'
"				74.90'		10' A.C. Gut
"				75.48'		10' " Cb. & P/L
"				75.21'	5'	
"				74.98'	10' edge pav & P/L	
1+72				74.78'		℄
"				74.72'		5'
"				74.56		10' A.C. Gut
"				75.17'		10' " Cb & P/L
"				74.75'	5'	
"				74.68'	10' edge pav & P/L	
1+82				74.60'		℄ edge Conc pav
2+00 INT. of 166TH ST.				74.22		

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Rad. Date Notes Chkd. Date

Job No. 61500 Division No. 11 Notes: Manhole Date

Survey of Lawndale S.D. Survey by Ernst Jr. Notes: Manhole Date

Indexed C. J. GALLI

Fr. 2592 Pg. 172

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in CONDON AVE	
					LT & W.	℄ = ℄ Condon Ave RT & E.
2+00				74.19'		10' Conc Gut
"				74.99'		10' " Cb
"				74.11'	12' F.L.	
"				74.37'	20' edge conc pav	
2+14				73.98'		℄ F.L.
2+20				73.97'		℄ conc pav
2+24	CTR. C.B. at Cb.			73.84'		10' on grate
"	INVERT Direct 36" CMP.			72.97'		10' INVERT
2+26.8				73.91		℄
2+53				74.07'		℄
"				74.03'		10' Gut (conc)
"				74.61'		10' Cb (conc.)
"				73.94'	10' conc pav	
"				74.41'	10' " cb	
3+00 (T.P.)				73.61		℄
4+00.				72.44'		℄
"				72.22'		10' A.C. Gut
"				72.84'		10' A.C. Cb. & P/L
"				72.47'	10' A.C. Pav & P/L	
4+37.7				72.38		℄

Profile No. ____ Notes Red ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 173
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Marker Jr. Notes ETM Date 3-12-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in CONDON AVE	
					LT & W.	℄ = Condon Ave ℄ RT & E
4+37.7	CTR. French Drain			71.85'		10' on Grate
"				72.47'	10' edge Pav & P/L	
4+54.2	INVERT on 30" S.D.			71.75'		45.5 F.L.
4+81.8				72.19'		℄ S. edge Conc x-Gut
4+84.8				72.12'		℄ f.l. " "
4+87.8				72.16'		℄ N. edge " "
4+98.0				72.58'		℄
5+12.41	INT to 165TH ST.			72.80'		℄
	X-SECTIONS IN 165TH ST. GOING W'ly from CONDON AVE with INT as 1+00.0					
					LT & So.	π = πLN in 165TH ST. RT & N.
1+00.0	INT to CONDON AVE			72.80'		π
1+29.0				73.05'		π
"				73.24'		7.5'
"				73.21'		13.2 Gut
"				73.07'		15' "
"				73.69'		15' Cb.
"				73.83'		25' P/L
"				72.75	7.5'	
"				72.51	13.2' Gut	

F.B. 2592 Pg. 174
Job No. 61501 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETM Jr. Notes Monkey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALL Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in 165TH ST. LT & SO.	⊼ = ⊼ LN in 165TH ST RT & N
1+29.0				72.35'	15' Gut.	
"				73.01'	15' Cb.	
"				73.22'	25' P/L	
1+69.0				73.42'		⊼
"				73.61		7.5'
"				73.57'		13.2' Gut
"				73.38'		15' "
"				74.02'		15' Cb
"				74.21'		25' P/L
"				73.15'	7.5'	
"				72.87	13.2' Gut	
"				72.67'	15' "	
"				73.32'	15' Cb	
"				73.52'	25' P/L	
2+69.0				74.30'		⊼
"				74.50'		7.5'
"				74.40'		13.2' Gut
"				74.23'		15' "
"				74.84		15' Cb
"				75.08		25' P/L

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6150.01 Division No. 11 F.B. 2592 Pg. 175
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Mankey Notes RT Mgr Date 3-12-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in 165 Th ST.	
					LT & SO	⊼ = ALn in 165th RT & N.
2+69°				73.96'	7.5'	
"				73.68'	13.2 Gut	
"				73.49'	15' "	
"				74.16'	15' cb.	
"				74.37	25' P/L	
3+90.1 CTR. S.S.M.H. Rim EL.				75.79		⊼ CTR of rim
INVERT on 8" Out to E				68.20	6.92 Rim to facet .67 size of V.C.P.	

RESUMING X-SECTIONS IN CONDON AVE GOING N. FROM 165 Th ST WITH INT. = STA 5+12.41

					LT. & W	℄ = Condon Ave ℄ RT & E
5+12.1 CTR SS.J.C.				72.76'	5.2' CTR.	
INVERT on 8" Out to S.				66.87'	S: 72.76 Rim EL 5.22' Rim to facet .67 size of VCP 66.87 INVERT	W: 72.76 5.05 .67 67.04
" " 8" In from W.				67.04		N: 72.76 5.20 .67 66.89
" " " " " N.				66.89'		
5+12.41 INT with 165 Th ST.				72.80'		
5+47.4				73.55'		℄
"				73.37		5'
"				73.13'		10' A.C. Gut
"				73.74'		10' A.C. Cb & P/L

F.B. 2592 Pg. 176
Job No. 6150.07 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____ X-Sec. ____
Survey by ETM Jr. Notes Monkey Jr. Notes Chkd. ____ Checked ____ No. ____
Indexed C. J. GALLI Date ____ Date ____ Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS IN CONDON AVE	
					LT & W.	℄ = Condon Ave ℄ RT & E
5+47.4				73.51'	5'	
"				73.32'	10' edge pav & P/L	
5+87.4				74.35'	℄	
"				74.20		5'
"				73.92		10' A.C. Gut
"				74.52'		10' " Cb & P/L
"				74.39'	5'	
"				74.31	10' edge pav & P/L	
6+87.				75.15'	℄	
"				75.06		5'
"				74.83'		10' A.C. Gut
"				75.35'		10' " Cb & P/L
"				75.12'	5'	
"				74.94'	10' edge pav & P/L	
8+22.3 CTR. SS MH			Rim EL	73.33'	5.5' CTR.	
INVERT on 8" Out to So.				67.63'	5.03 Rim to face t .67 Size of V.C.P. 5.70	
T.P. (Fd)				73.22'		
BM SD 3259				73.47	BM SD 3259 EL 73.452	F.B. 2592-23
					W. 166TH ST., So. Cb, 250' ± W. of Firmona Ave ℄ Bt. Spk. in cb, by fire Hyd, in front of Hse. #4626	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6150.0 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Monkey Jr. Notes ETM Jr. Date 3-12-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2592 Pg. 177

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

Survey of Lawndale S.D.
JN 6150.01 Tape 02.3 Std 68 °F
Surveyed by Mankey Jr.
Notes E.T.M. Jr. Date 3-12-65
Indexed C. J. GALLI

F. B. 2592 PG. 179

JN 6150.01

LAWNDALE S.D.

&

IN

HAWTHORNE BLVD

from

165TH ST. SOUTH TO 172ND ST

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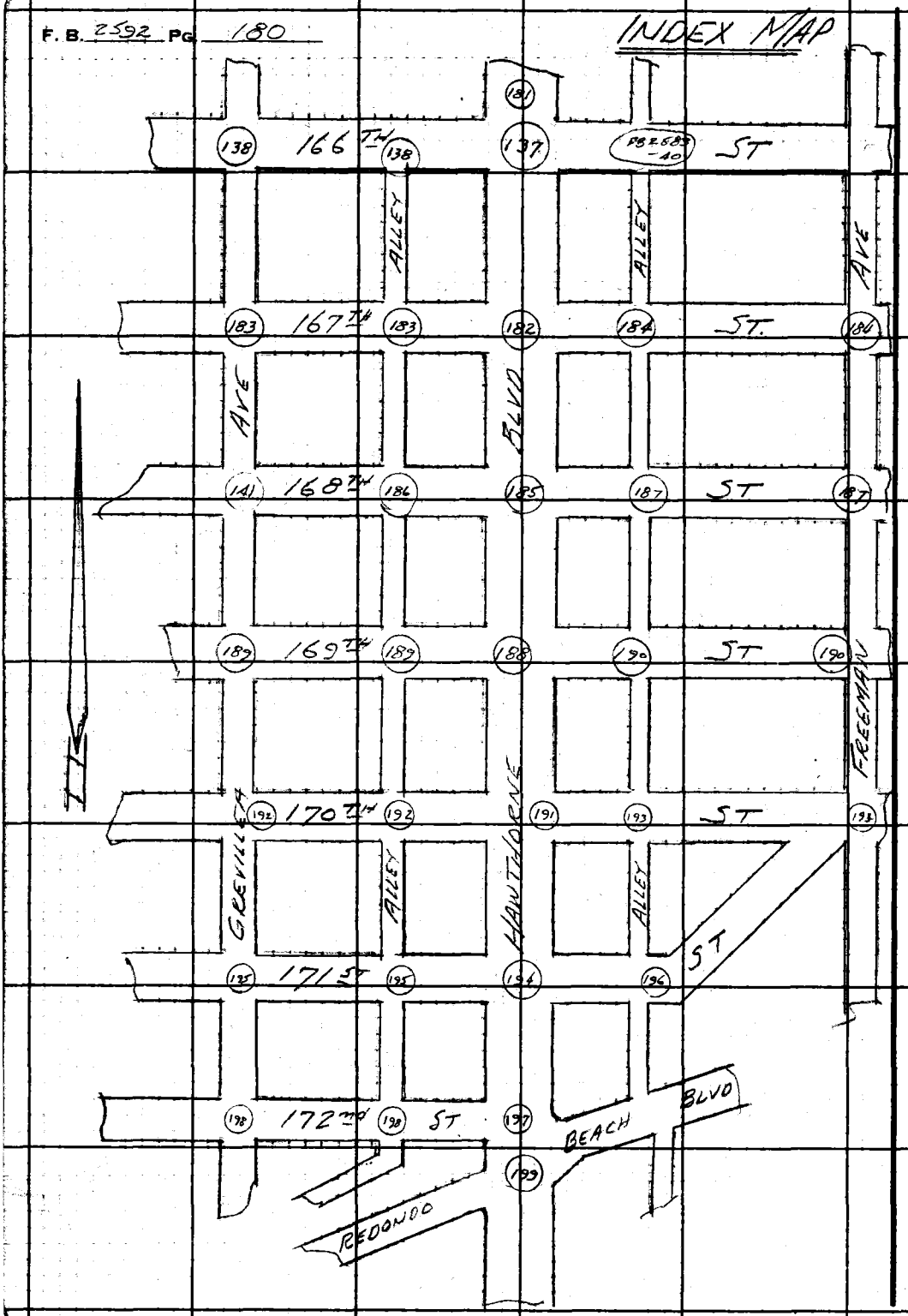
Mankey Jr.
Smiley
Manley
Love
Merino

76F309S C.E. #310 - 62

F. B. 2592 Pg. 180

INDEX MAP



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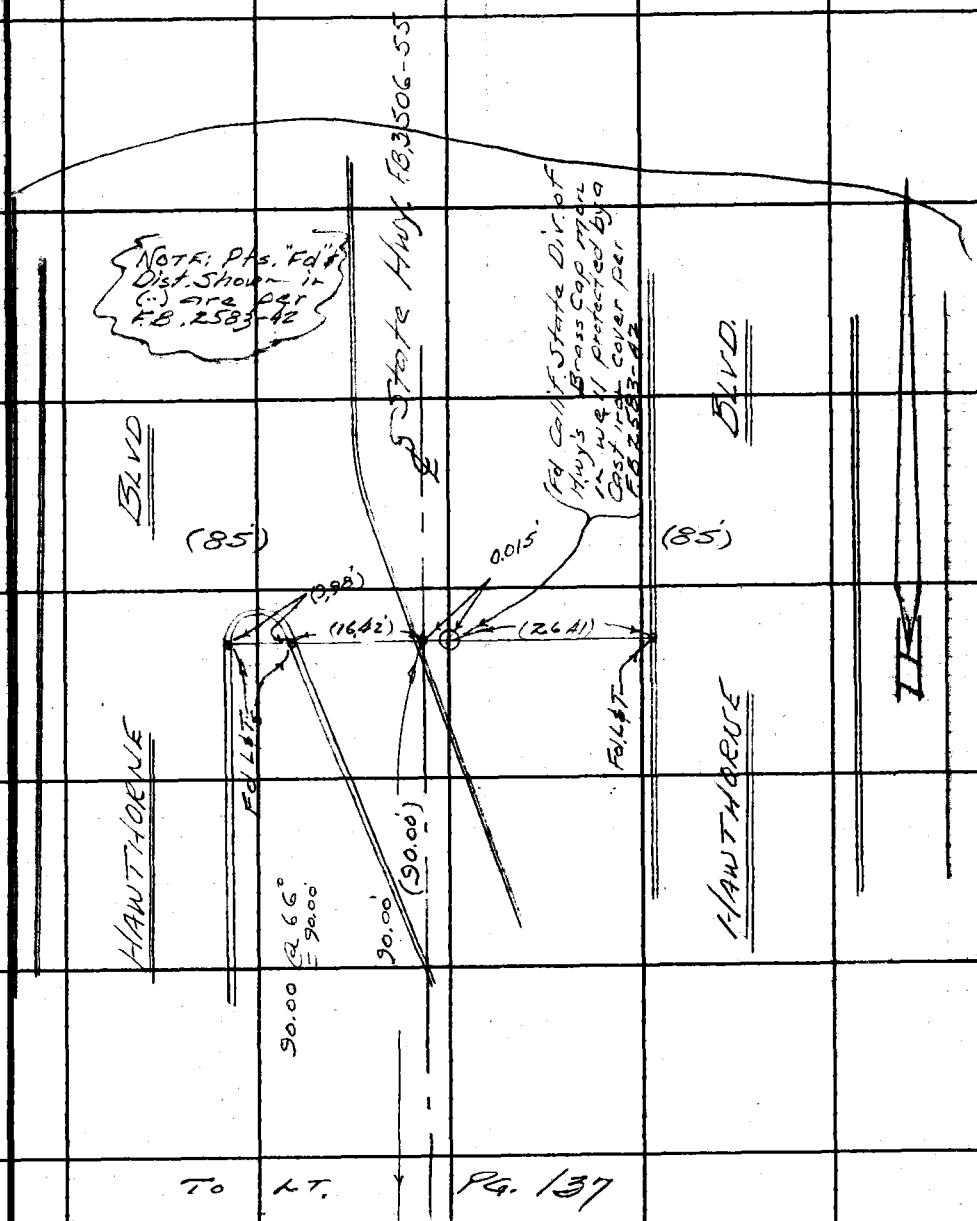
Map No.	JN 6150.01 Tape 021.3 Std 68 °F	
Office Work	Surveyed by Mankey Jr	
Checked	Notes ETM Jr Date 3-12-65	
Date	Indexed C. J. GALLE	



To L.T. Pg. 137

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76F309S CE #310 6-62

F. B. 2592 PG. 182
To Bot. Pg. 184
(25')
(25')
15.09'
15.08'
41.86'@T-66° = 41.86
138.18'@T-66° = 138.18'
1) 89° 55' 30"
4) 359° 42' 00"
6) 179° 33' 00"
29° 55' 30"
WS25-C3
ST.
138.18'
℄ ℄ Ln
HAWTHORNE
BLVD.
(85')
Set C.E. Tag on Line Prod.
Set C.E. Tag in Curb
P.O.T. Set C.E. Tag in Curb
Set C.E. Tag in Curb
Set nothing
STATE HWY F.B. 3506-55
To Rt Pg 137
To Lt Pg 185
89° 55' 30"
98.26
40.06
41.86
42.225'
47.49'
Set nothing
25.00'
98.24
Set 1" I.P. & C.E. Tag 6" dn by Intersection
Set 1" I.P. & C.E. Tag 6" dn by Intersection
1.43'
329.97'
(85')
252.59'
10.11'
℄ 25.0' offset Ln
Set C.E. Tags in Cb. on ℄ Ln's
1.47'
HAWTHORNE
BLVD
48.14'
55.63'
47.62
FB 2583-35&38
55.96'
48.13'
21° 53' 30" Doubled
20° 53' 0" Doubled
90° 03' 50"
Fd L&T no ref
Fd L&T in Conc. C-Gut no ref
Fd L&T no ref
329.97'@T-66° = 329.97
10.11'@T-66° = 10.11'
47.62'@T-66° = 47.62
143.37'@T-66° = 143.37
15.15'
15.14'
143.37
167 TH
1) 90° 04' 00"
4) 360° 15' 10"
6) 180° 23' 00"
90° 03' 50"
To Top Pg 183
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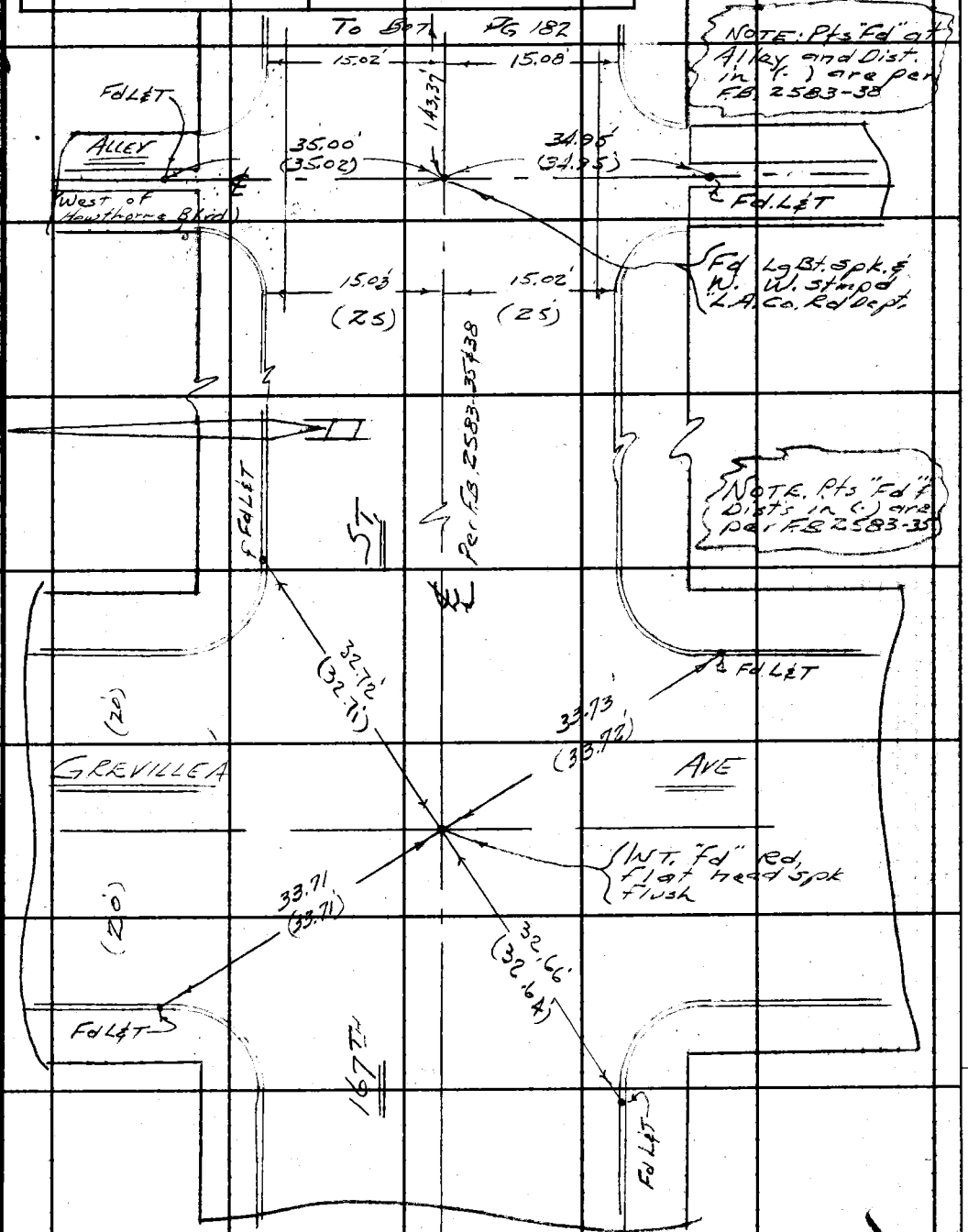
Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 183
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 3-15-65	
Date	Indexed C. J. GALLI	

W.S. 25, C.3



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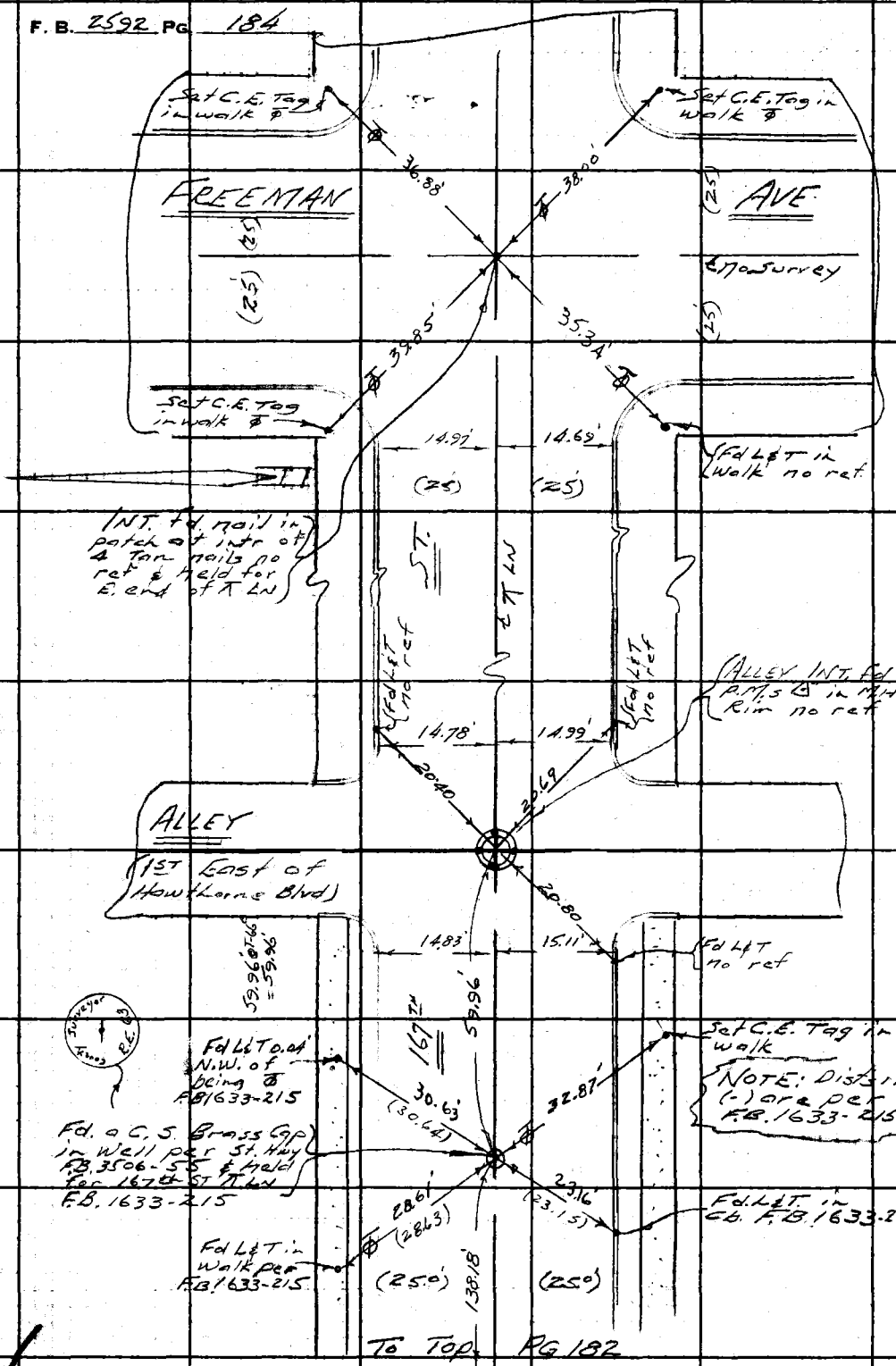
76F309S CE #310 6-62

F. B. 2592 PG 184



MS25 C-3, D-3

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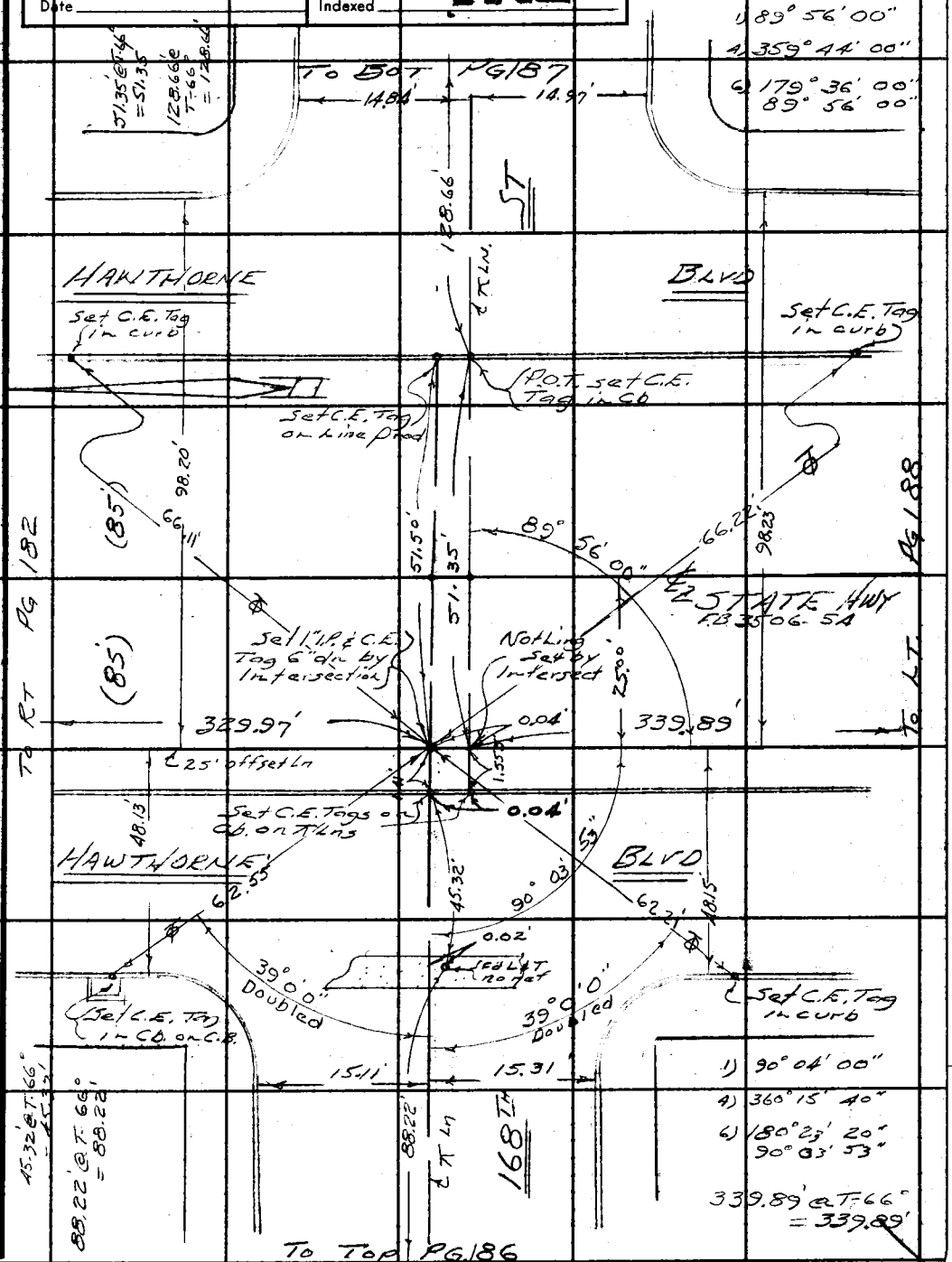
Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 185
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Markey Jr	
Checked	Notes ETM Jr Date 3. '65	
Date	Indexed R. J. GALLI	

WS 25 C-3



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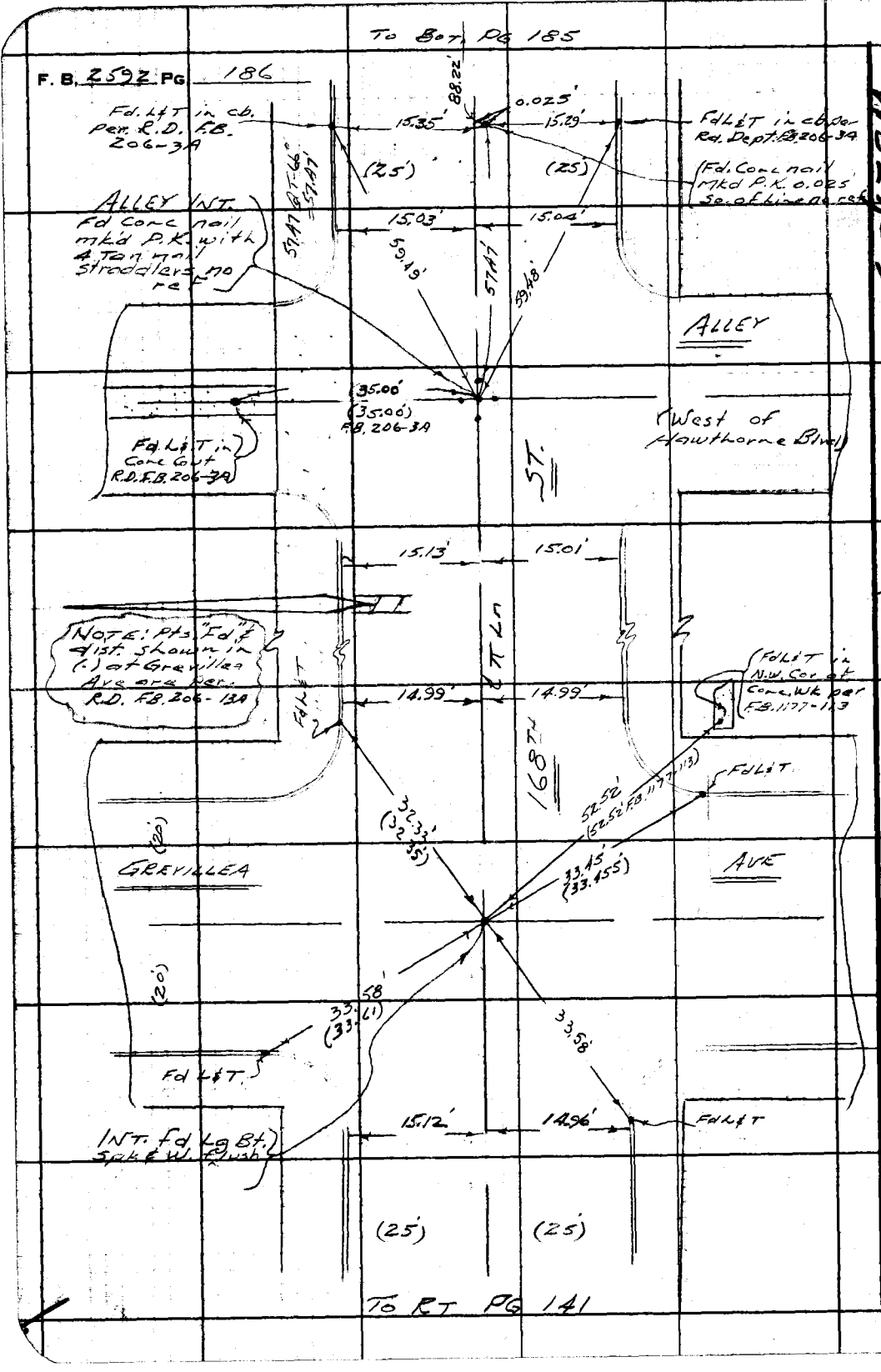

W525, C-3

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WS 25, D-3

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape 02.13 Std 68 °F
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F. B. 2592 PG. 187

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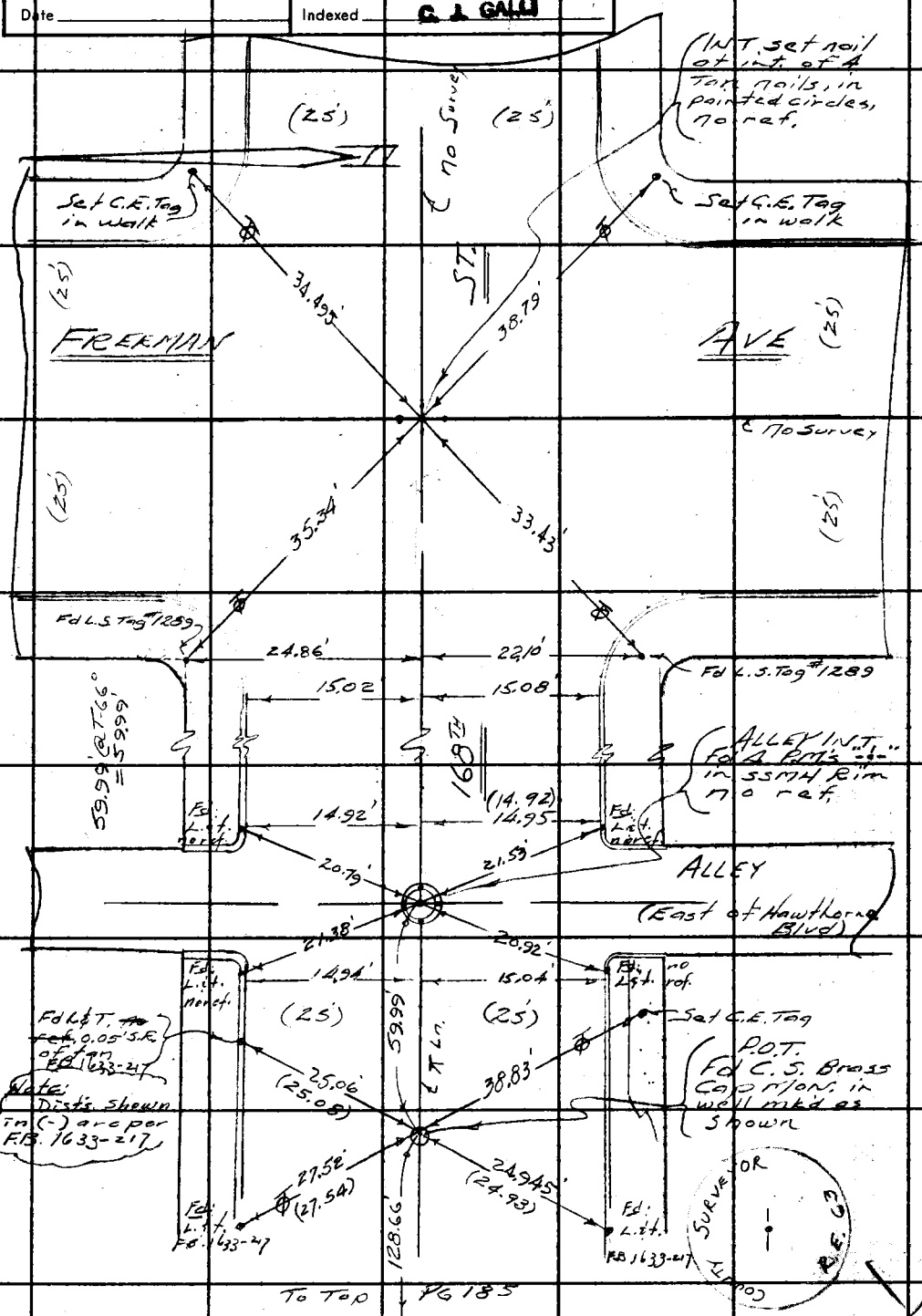
76F3093 CE #310 6-62



F. B. 2592 PG. 188

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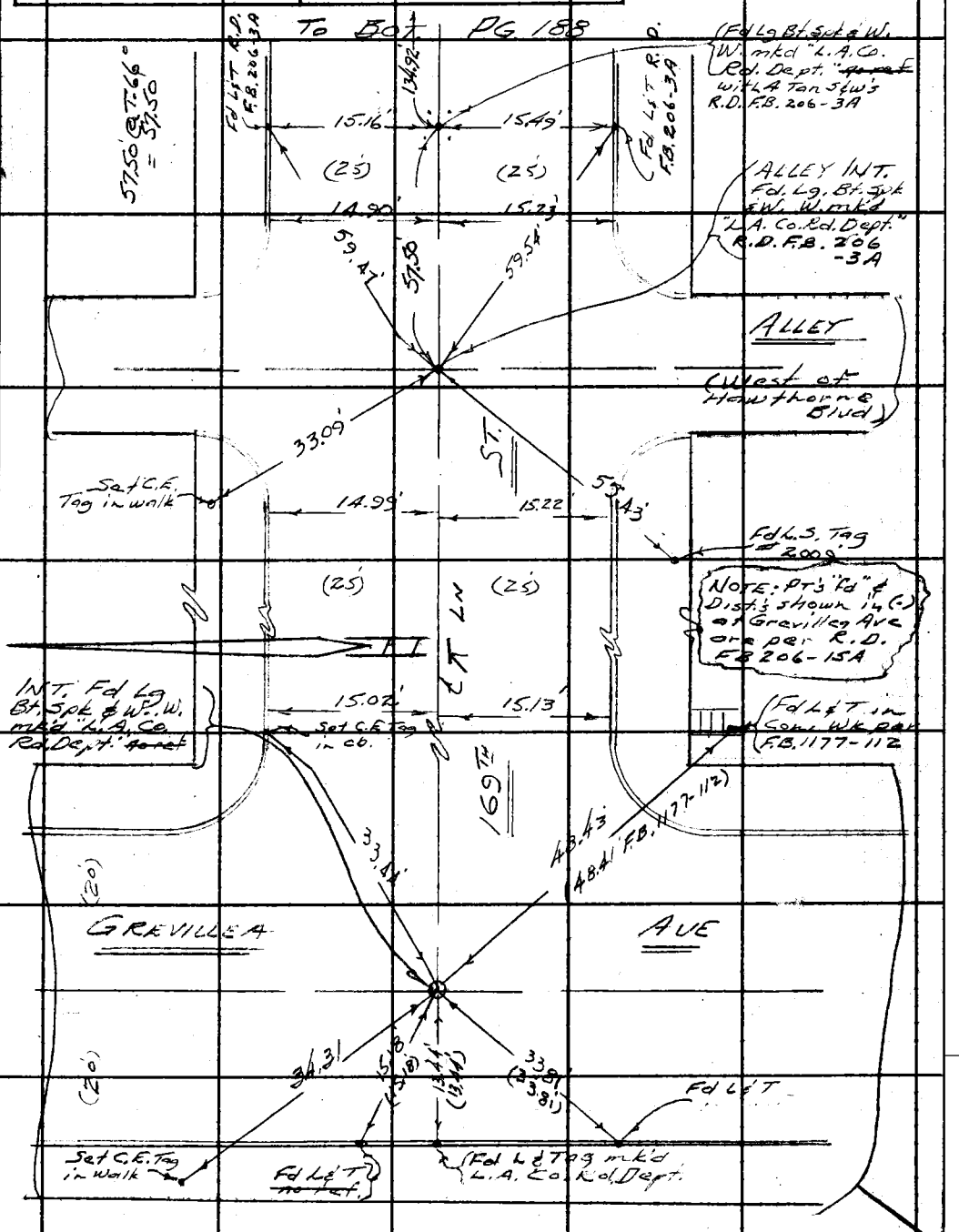
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 3. 65	
Date	Indexed C. J. GALLY	



WS 25, C-3

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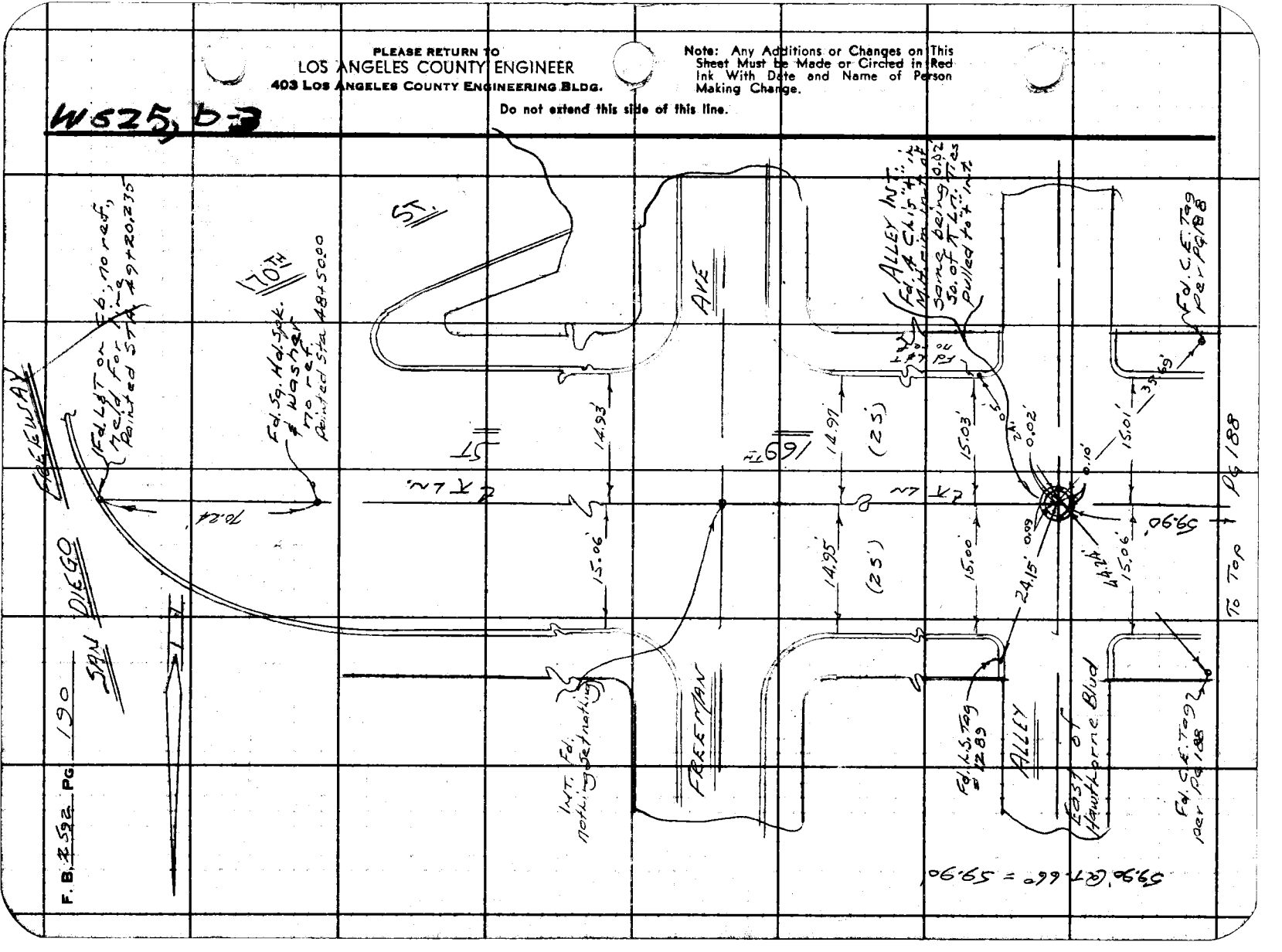
W525, D-3



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

Survey of Lawndale S.D.
JN 6150.01 Tape 0213 Std 68 °F
Surveyed by Monkey Jr.
Notes ETM Jr. Date 3-65
Indexed C. J. GALLI

F. B. 2592 Pg. 191

W3.25, S-3

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76F3095 CE #310 8-62

To Bot. Pg 193

1) 90° 04' 20"
4) 360° 17' 30"
6) 180° 26' 30"
90° 04' 25"

(25) 15.12' 73.72' 15.18' (25)

73.72 @ T-66° = 73.72'

Fd. Lg B/Spk. W.T. 110 ref E 0.015' So. of Ln

0.01' E'LY LN

54.9' E'LY LN

HAWTHORNE BLVD

Set C.E. Tag on curb

Prod. set C.E. Tag in curb

POT set C.E. Tag in curb

Set C.E. Tag on curb

98.25'

(85)

90° 04' 25"

51.44' @ RT 66° = 51.44'

54.9' @ T-66° = 54.9'

98.34'

Pg 188

Pg 194

STATE HWY FB. 3506 52

To Et

(85)

Nothing Set

51.48'

51.44'

64.37

337.64' @ T-64° = 337.63'

To Lt

Set 1" I.P. & C.E. Tag 8" dia by Inf

Set 1" I.P. & C.E. Tag 8" dia by R&E, STATE HWY FB. 3506 - SE, Dist. 2.40' from No. 4L

64.74'

25.00'

337.64'

2.40'

℄ 25' offset Line

337.63'

1.50'

Set C.E. Tags on curb

HAWTHORNE BLVD

60.61'

1.42'

45.40'

60.75'

89° 56' 20"

48.10'

48.08'

Fd L&T in Conc X-Cut on ref

Set C.E. Tag on curb

Set C.E. Tag on cb. at N. end CB

337.64' @ T-66° = 337.64'

15.18' 15.14'

45.40' @ T-66° = 45.40'

(25) (25)

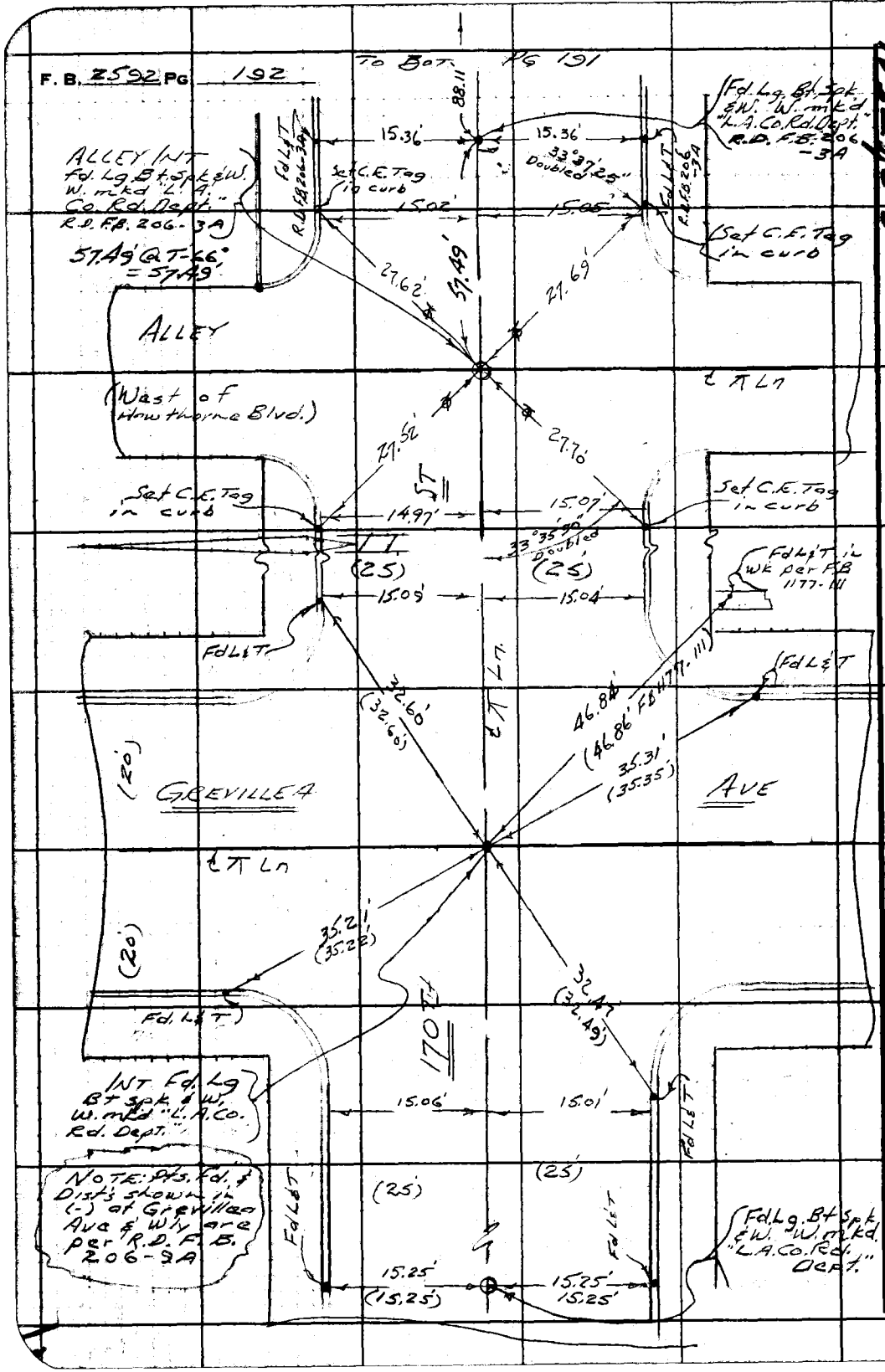
88.11' @ T-66° = 88.11'

1) 89° 56' 20"
4) 359° 45' 20"
6) 179° 38' 00"
89° 56' 20"

88.1' E'LY LN

170TH

To Top Pg. 192



W525, C-3

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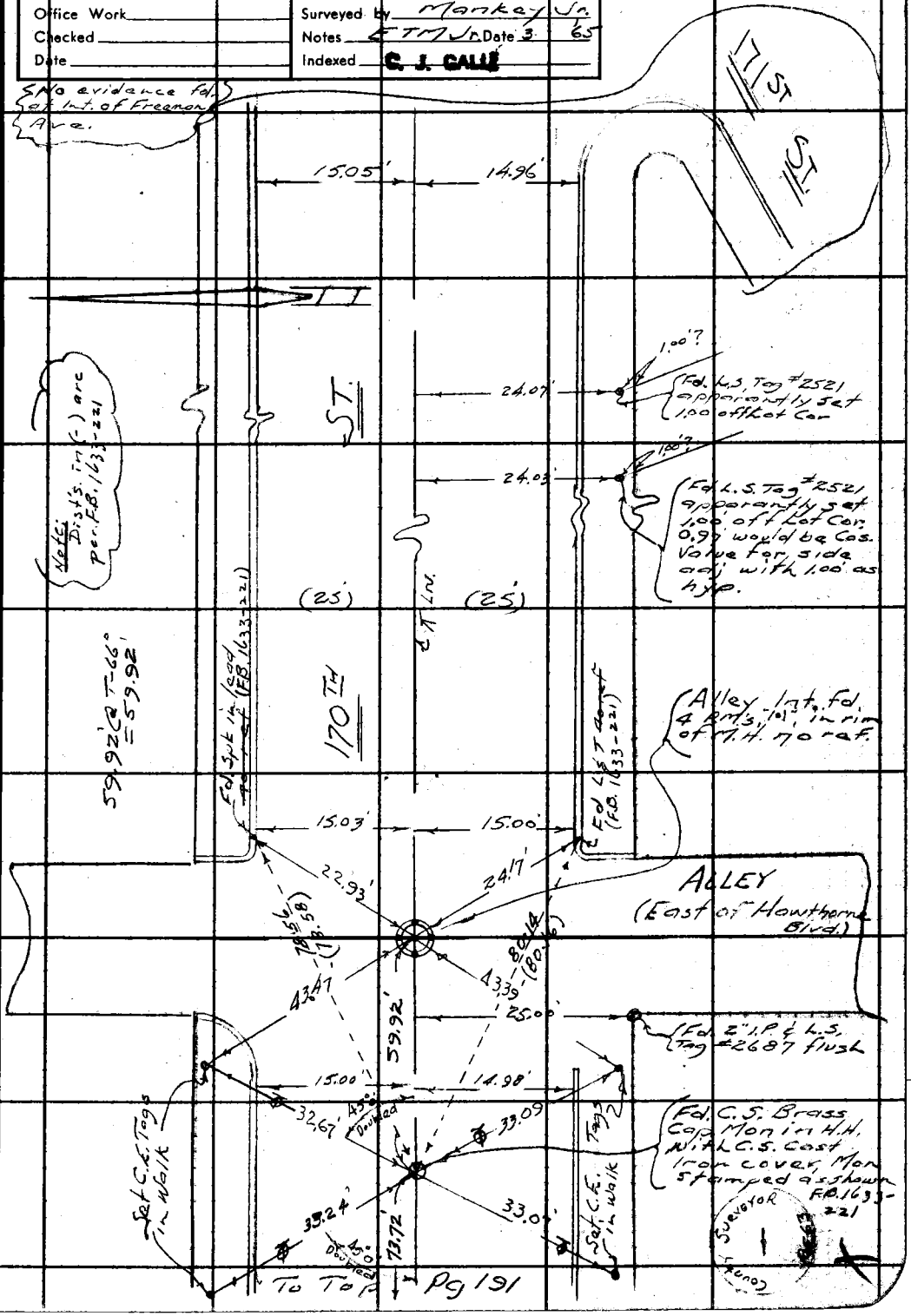
Map No.	JN 6150.01 Tape 0213 Std 68 °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 3 65	
Date	Indexed C. J. CALLE	



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1633-221

76F3095 CE #310 6-62

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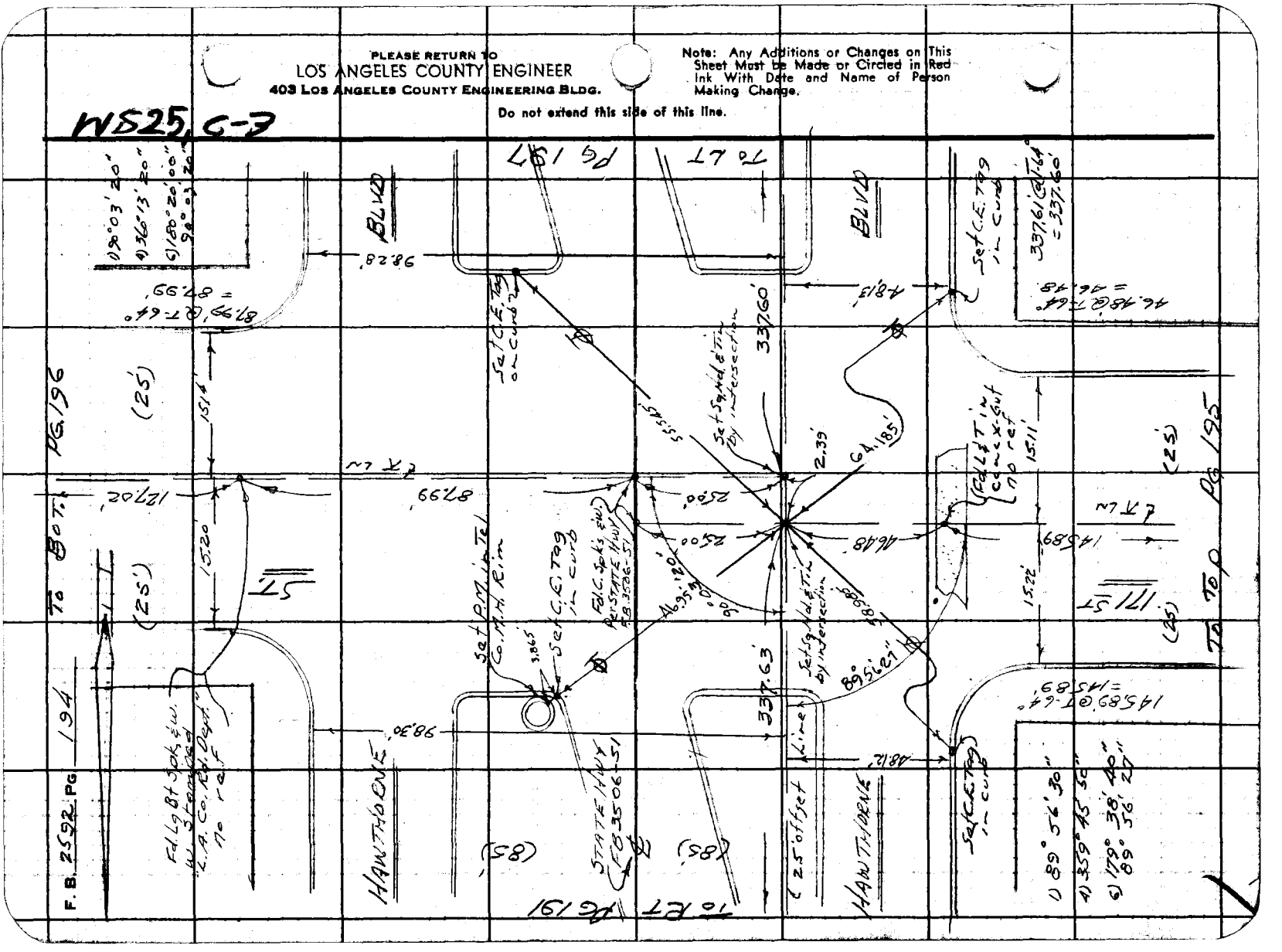
WS25, C-7

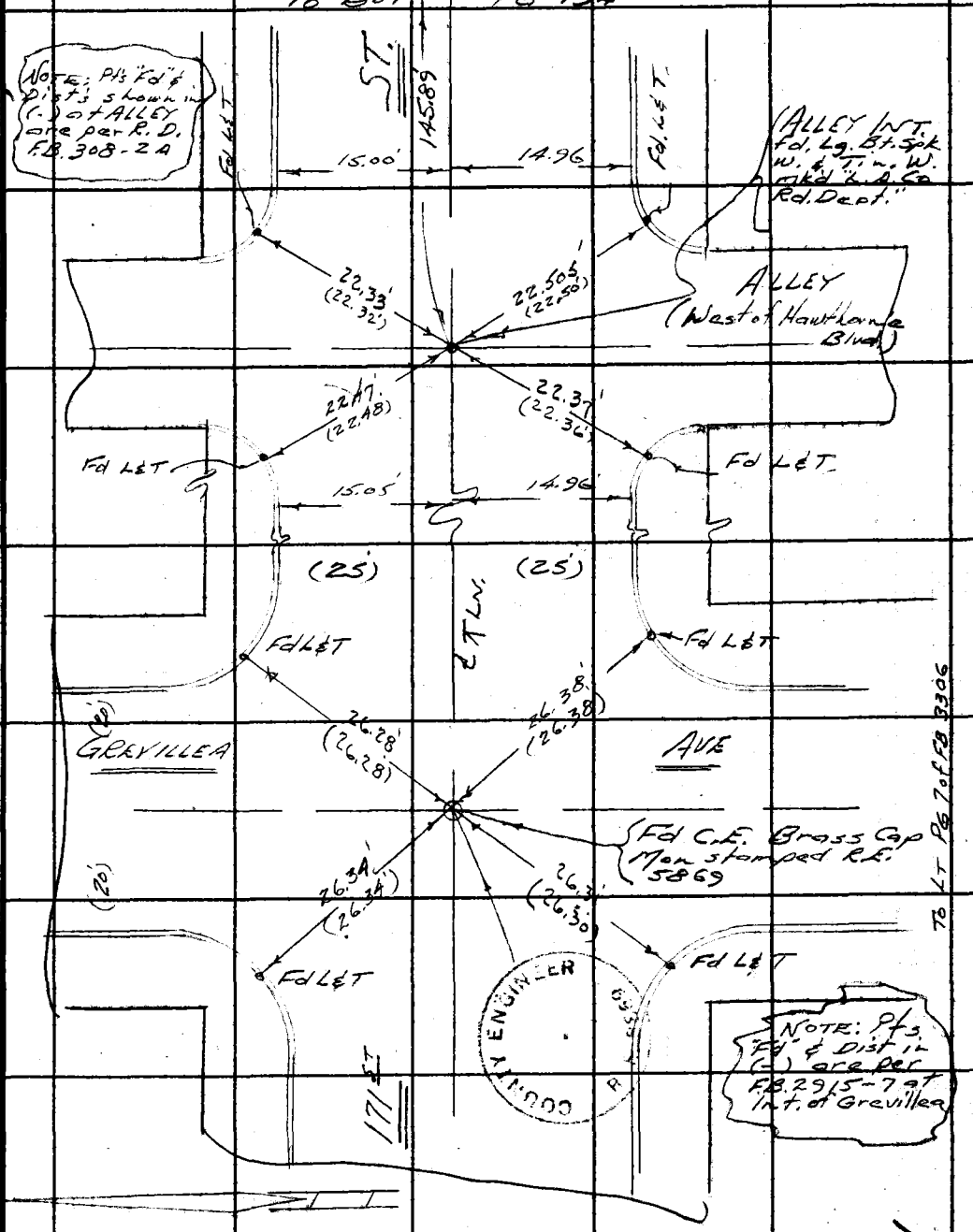


Notes Ck'd by	Survey of Lowndale S.D.
Map No.	JN 6150.01 Tape 0213 Std. 68 °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETMJr. Date 3-65
Date	Indexed C. J. GALLE

F. B. 2592 Pg. 195

W 525, C-3

To Bot Pg 194



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76 LT Pg 7 of F.B. 3306

76F3093 C.E. #310 6-62

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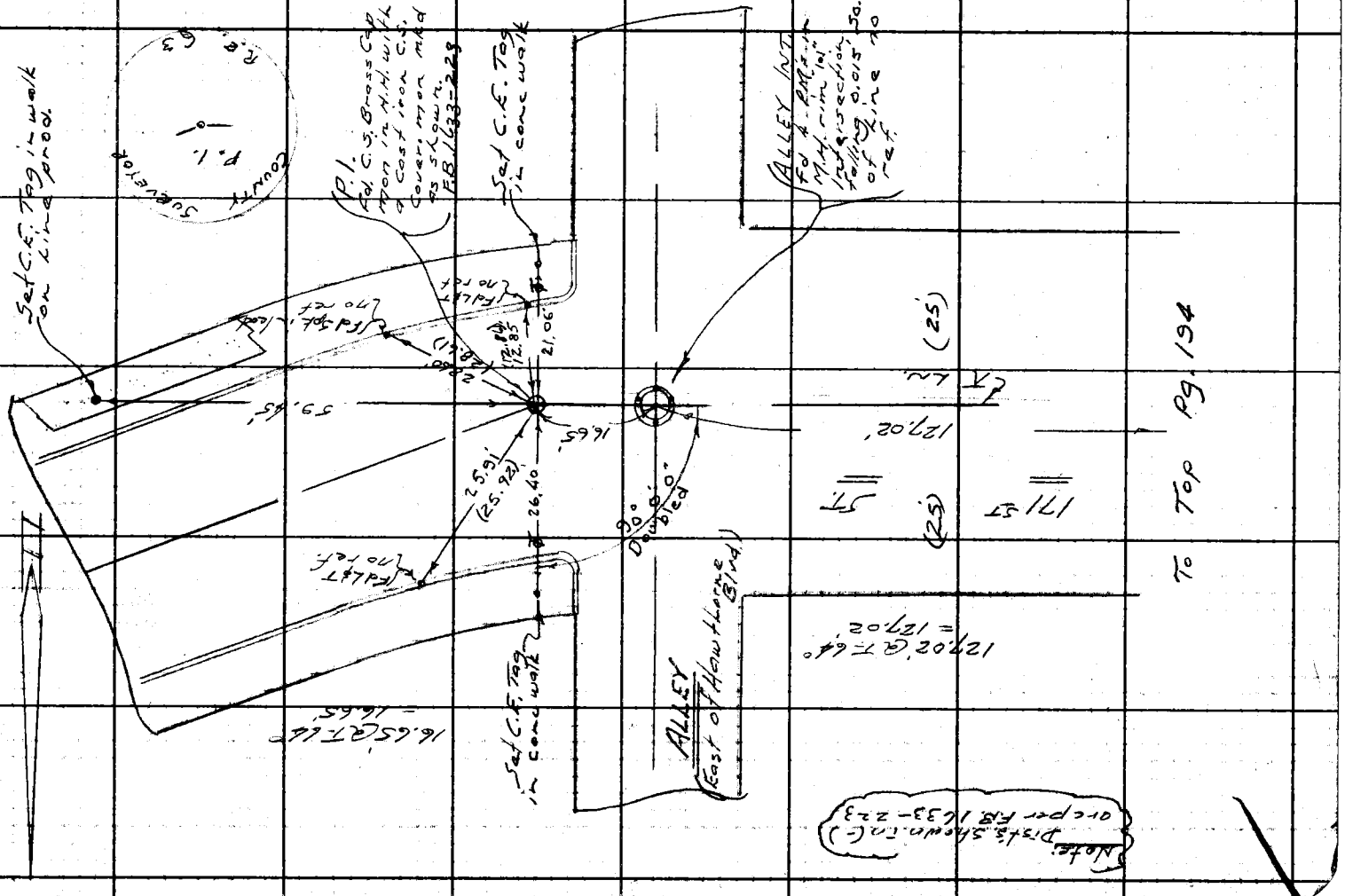
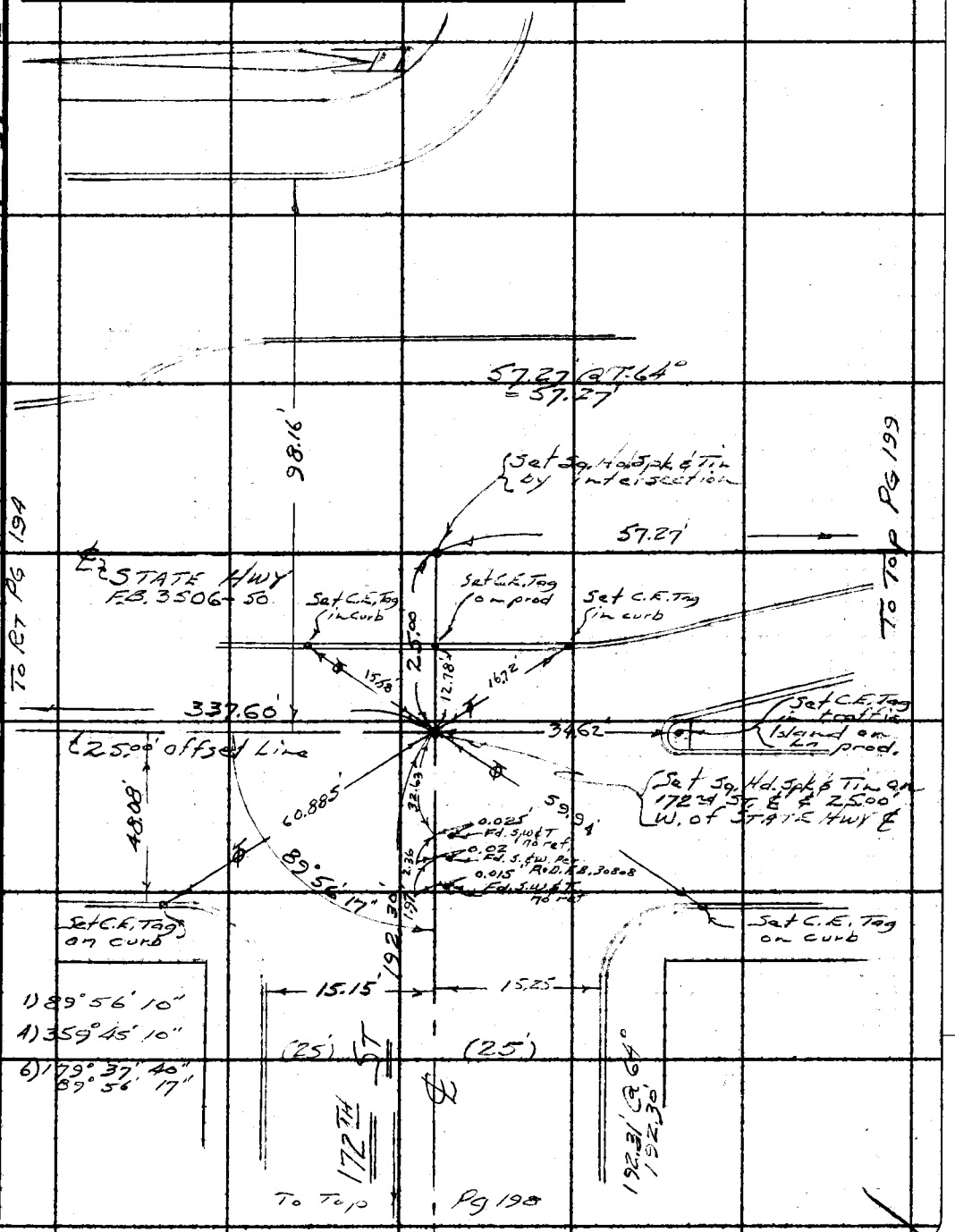
4525 G3



Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape 0213 Std 68 °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes ETM Jr. Date 3-65
Date	Indexed C. J. GALLY

F. B. 2592 PG. 197

WS, 25, C-3



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76F309S CE #310 6-63

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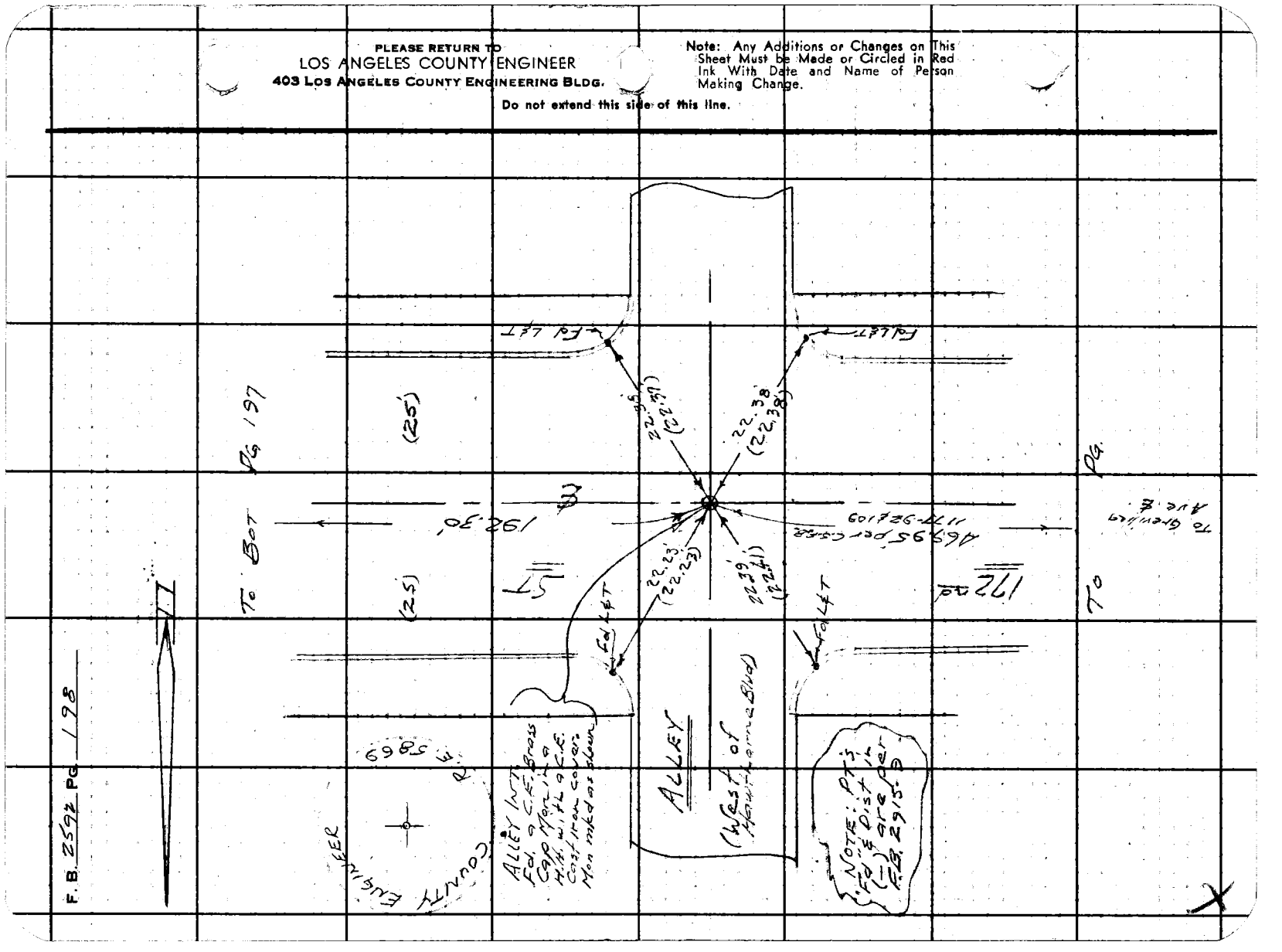
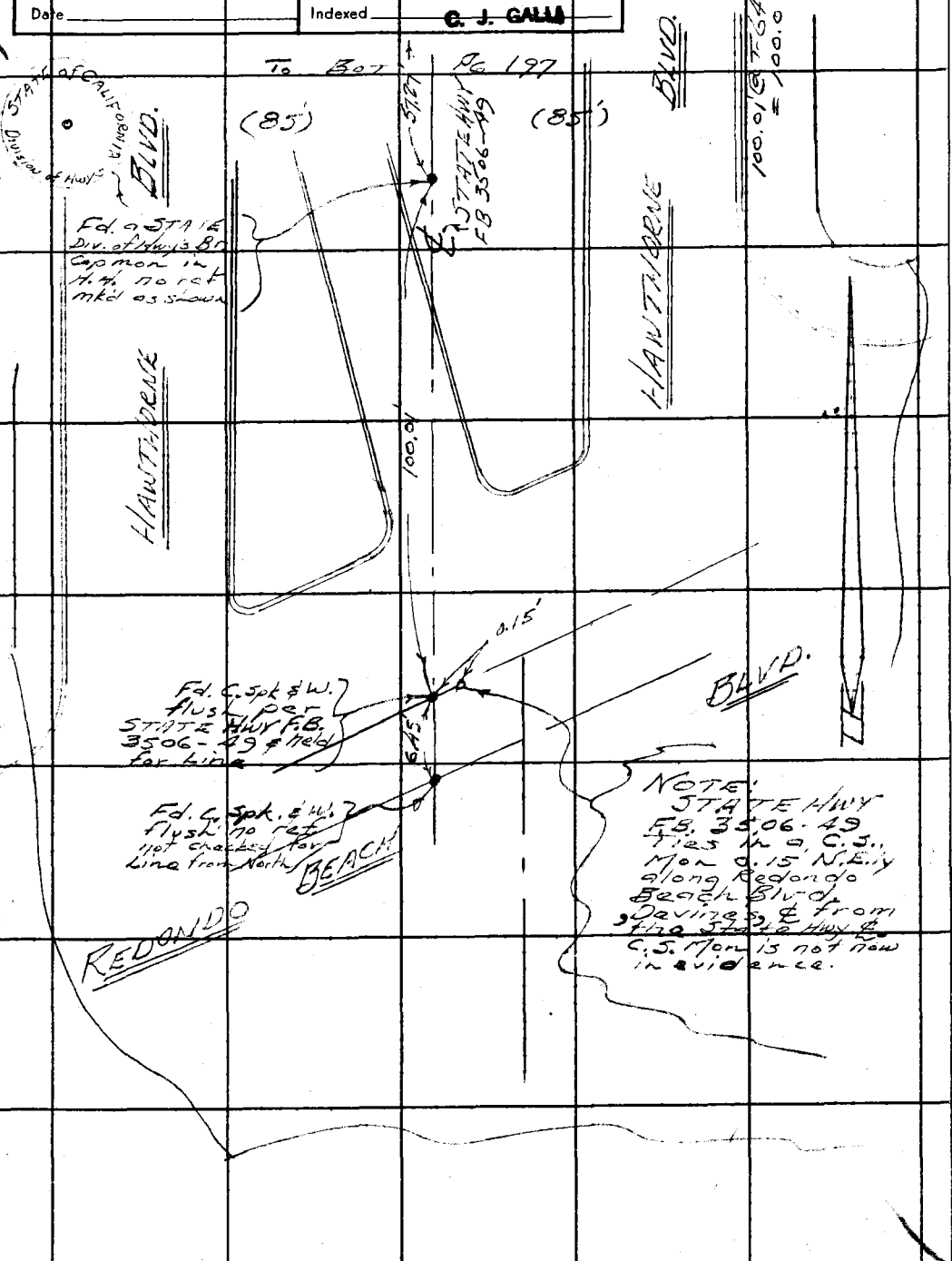


Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape 0213 Std 68 °F
Office Work	Surveyed by Mankey Jr
Checked	Notes ETM Jr. Date 3 '65
Date	Indexed C. J. GALLA

F. B. 2592 PG. 199

W.S. 25, E-7



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3099 CE #310 6/63

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Manley Jr.
Checked	Notes ETM Jr. Date 3-65
Date	Indexed C. J. GALLI

F. B. 2592 PG. 201

JN 6150.01

LAWNDALE S.D.

PROJECT NO. 5001

TOPOGRAPHY

IN

HAWTHORNE BLVD

from

166TH ST SOUTH to 172ND ST.

Manley Jr
Smiley
Manley
Love

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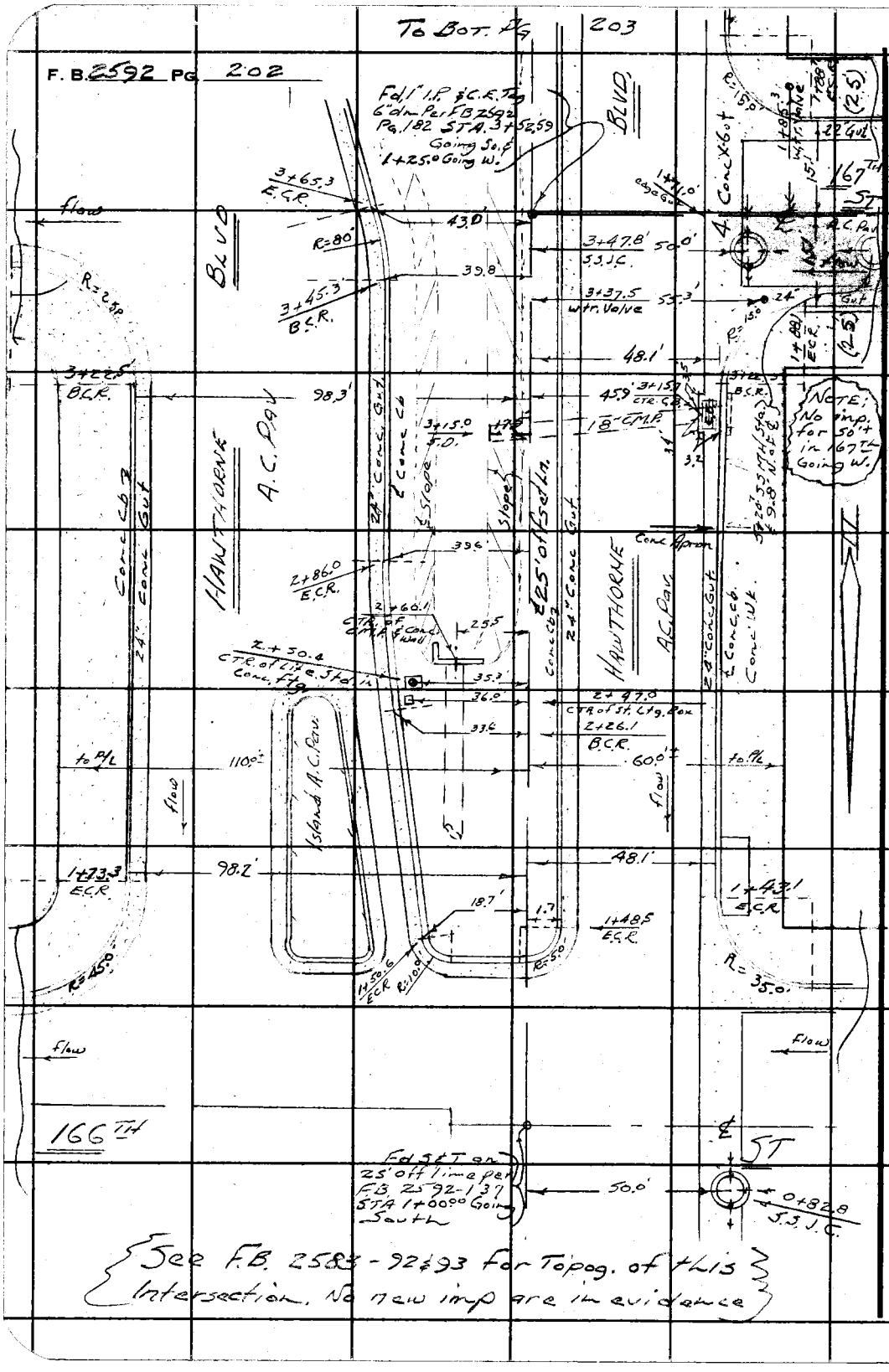
76F3095 CE #310 6/63



See F.B. 2583-92 & 93 for Topog. of this Intersection. No new imp are in evidence

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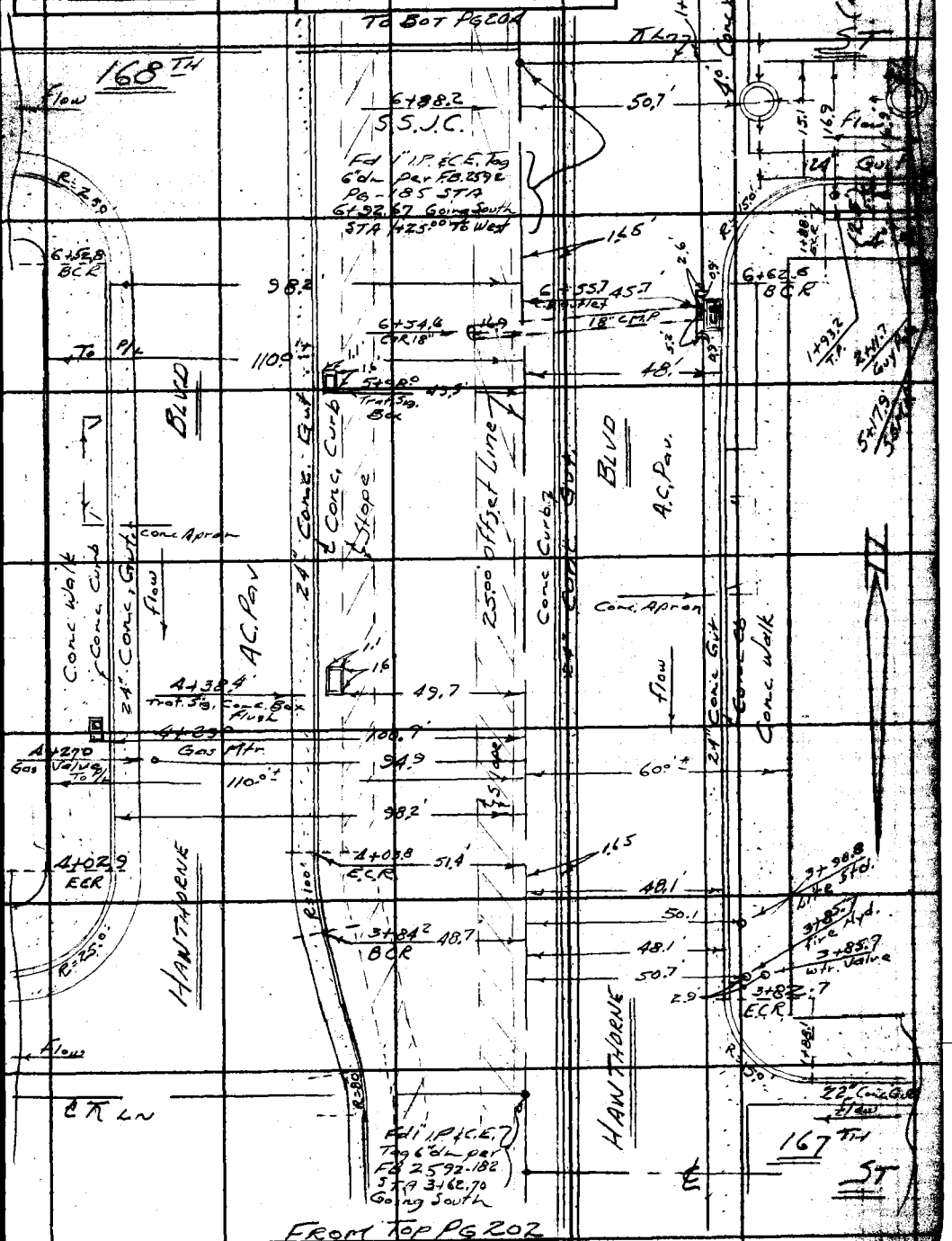
Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Mankey Jr
Checked	Notes E.T.M.Jr. Date 3-65
Date	Indexed C. J. GALLE

F. B. 2592 PG. 293



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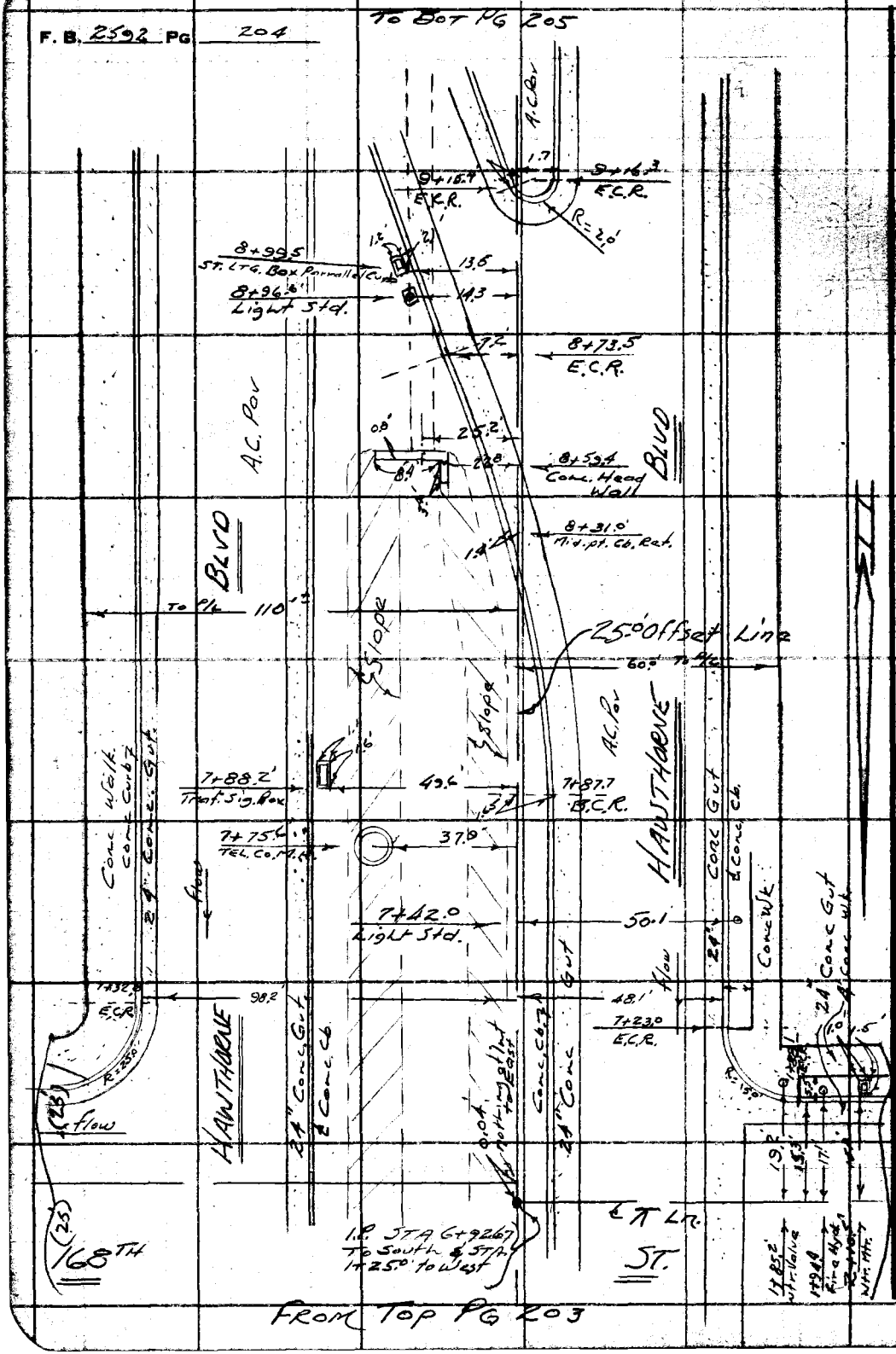
76F3095 CE #310 6-62

F. B. 2592 PG 204



FROM TOP PG 203

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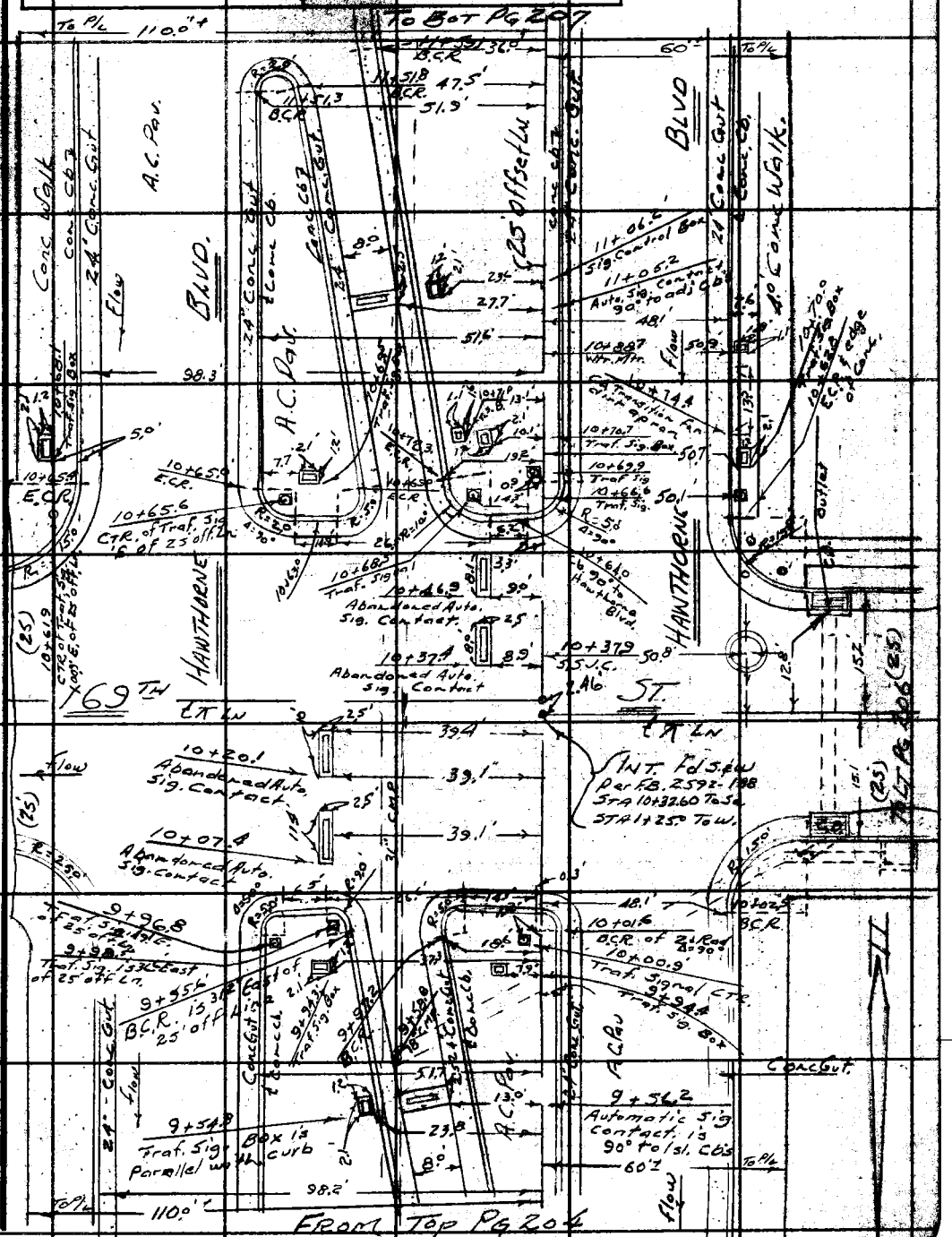
Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JNE 150.01 Tape Std. °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes E.T.M. Jr. Date 3- '65
Date	Indexed C. J. GALLE

F. B. 2592 PG. 205



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76F3095 CE #310 6-62

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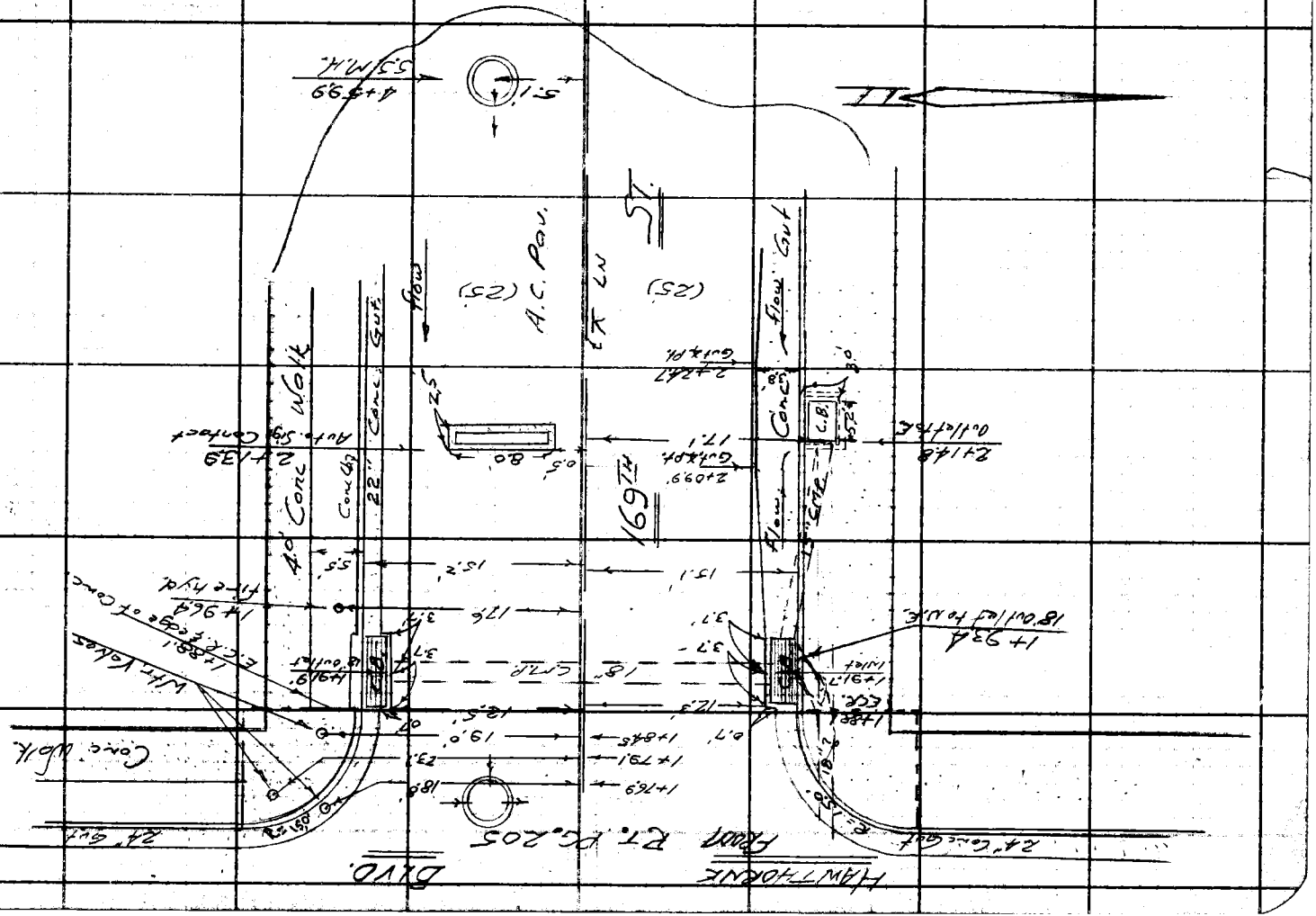
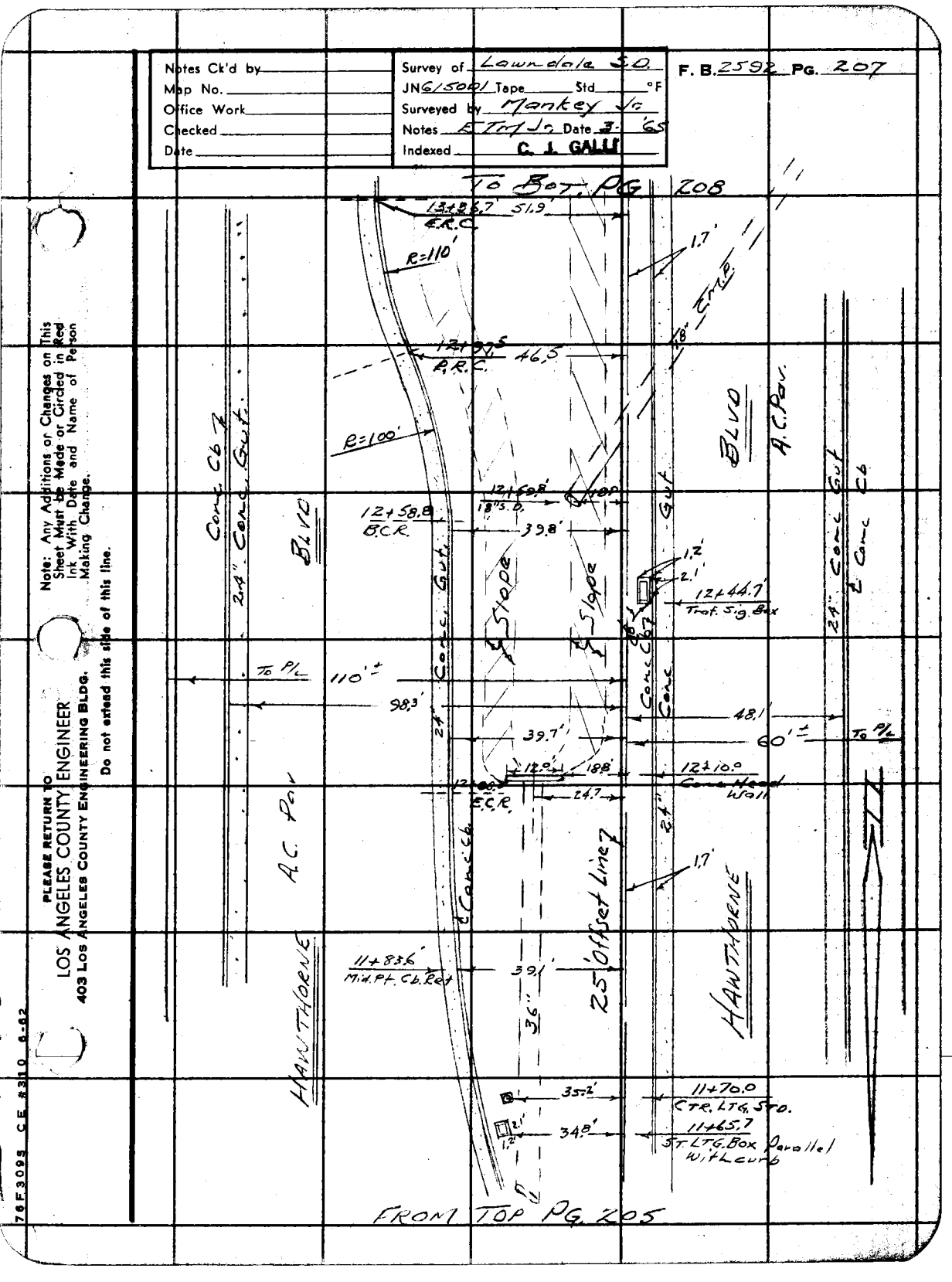
F. B. 2552 Pg 206


169TH
A.C. Pav.
Conc. Gut.
Flow
Conc. Walk
Hawthorne Blvd.
Pt. P.C. 205
24" Conc. Gut.
22" Conc. Gut.
40' Conc Walk
Curb Inlet
Catch Basin
Curb Ramp
Conc. Walk
Conc. Gut.
Flow Line
Curb Ramp
Curb Ramp
Curb Ramp

Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JNG/5001 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes E Traf Jr. Date 3-'65
Date	Indexed C. J. GALLI

F. B. 2592 PG. 207



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76F3093 C.E. #3110 6-62

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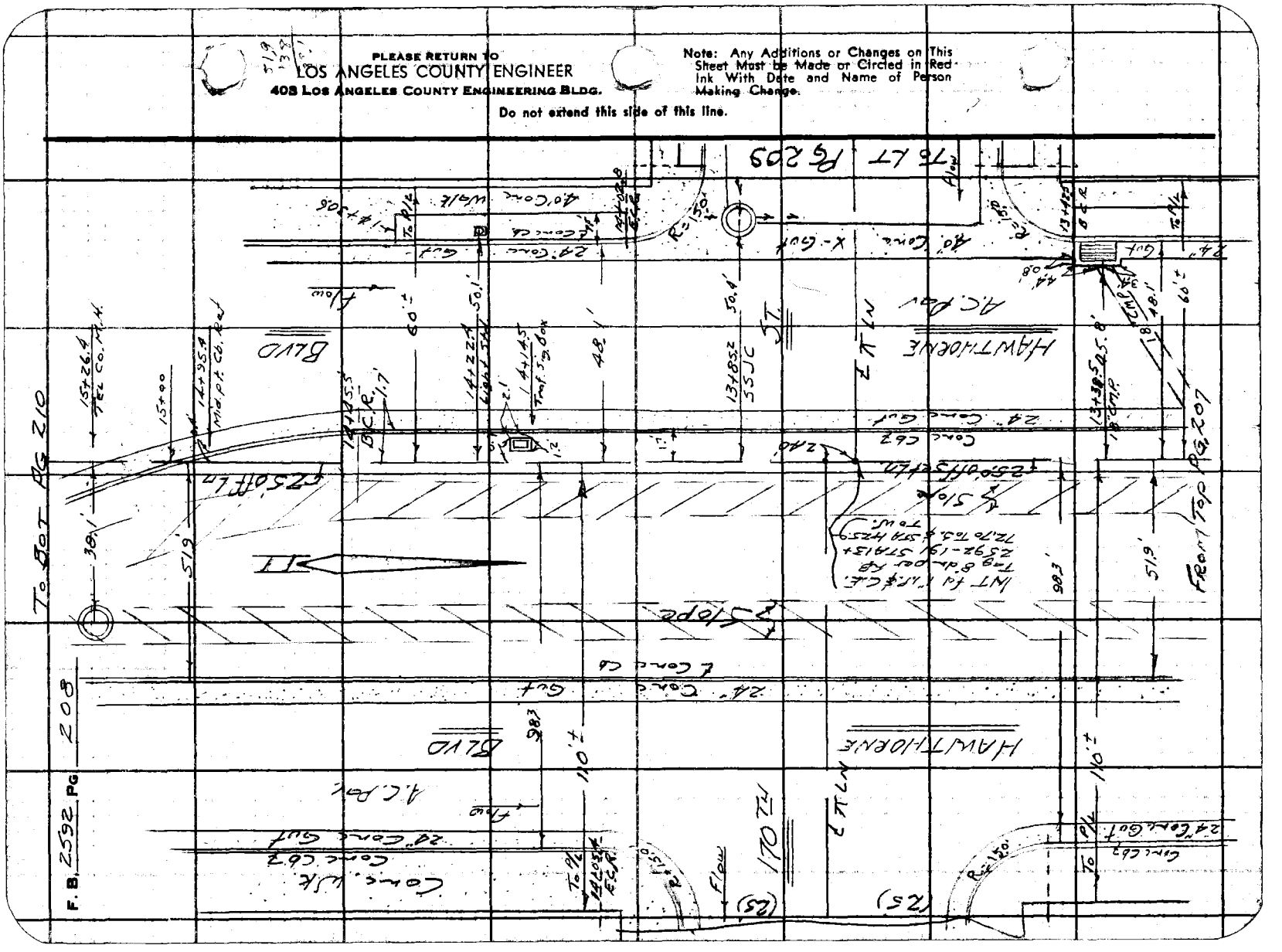
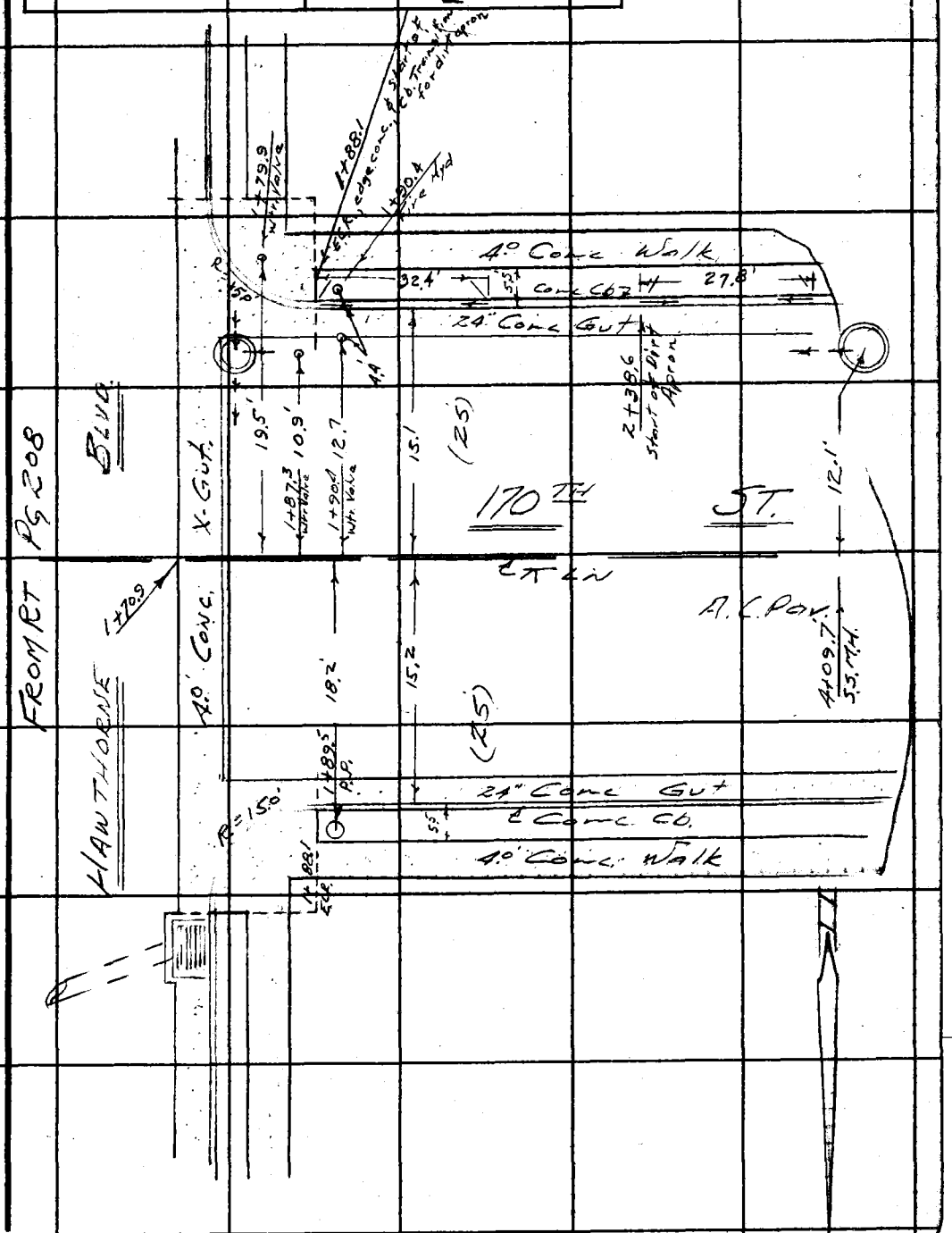


Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 209
Map No.	JN 6150.01 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 3-'65	
Date	Indexed C. J. GALLI	



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76F309S CE #310 6-62

F. B. 2592 Pg. 210

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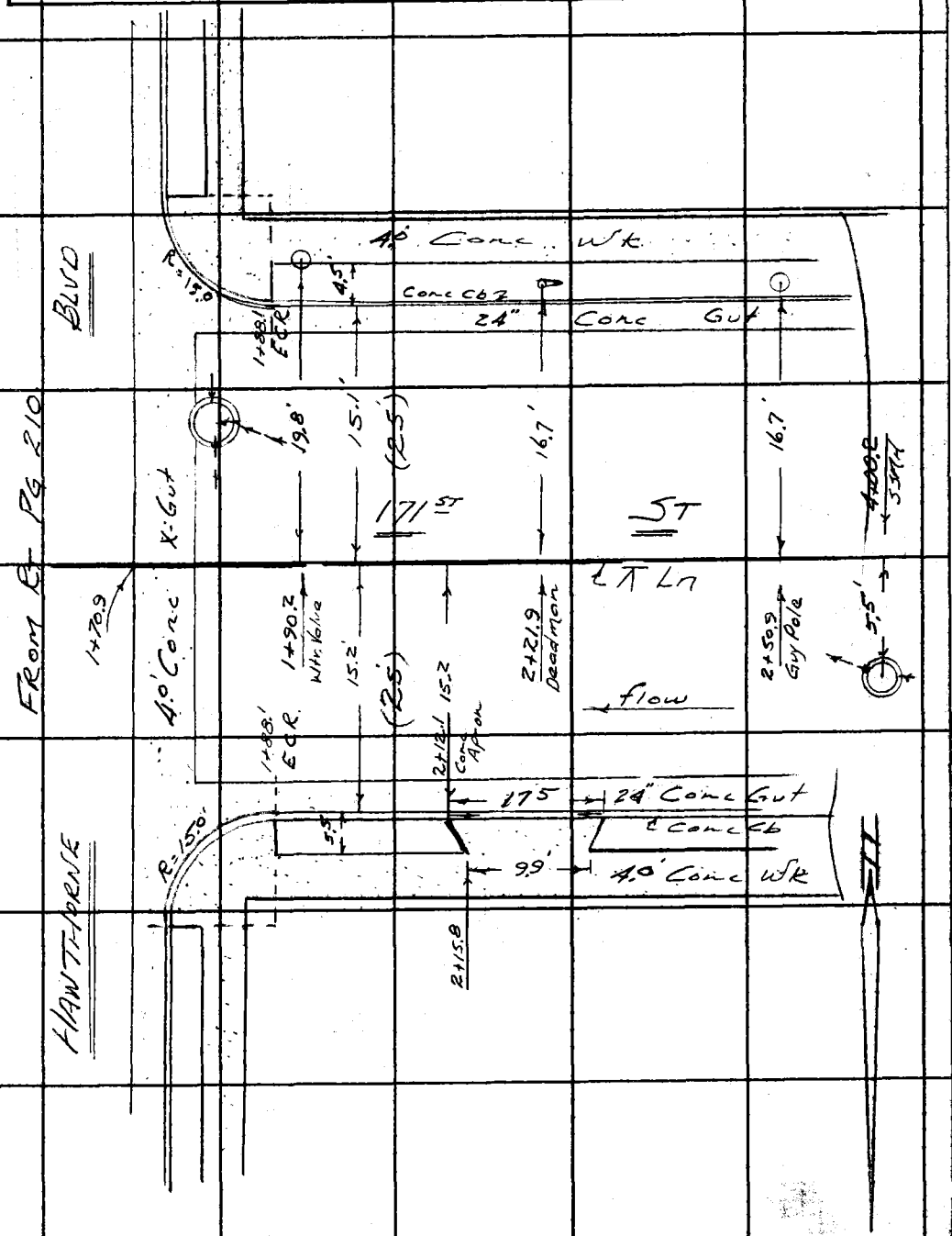
Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 211
Map No.	JN 615001 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 3-65	
Date	Indexed J. J. GALLE	



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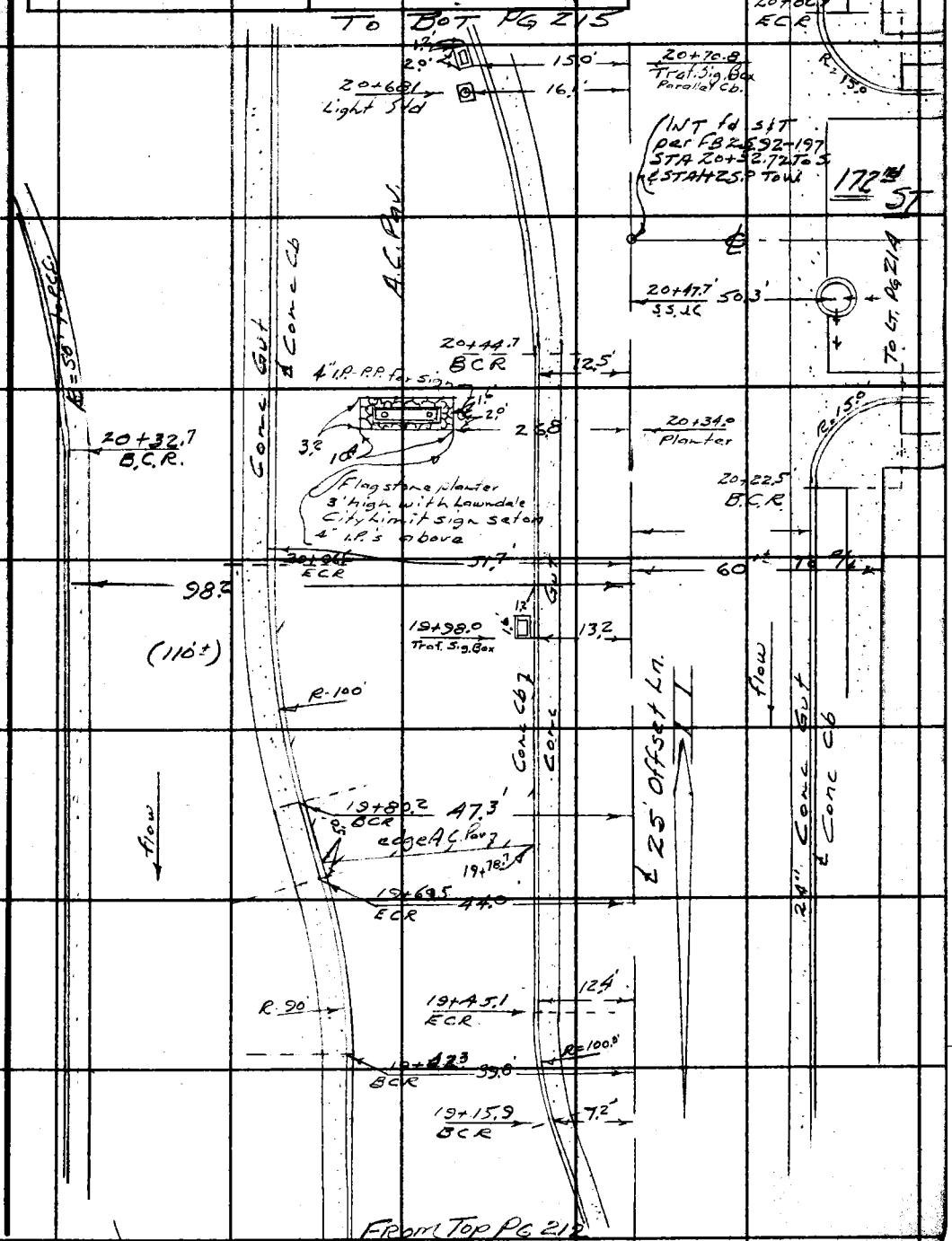
76F309S CE #310 6-62

Notes Ck'd by	Survey of Lawndale S.D.	F. B. 2592 PG. 213
Map No.	JN 6150.01 Tape Std °F	
Office Work	Surveyed by Mankey Jr.	
Checked	Notes ETM Jr. Date 3-'65	
Date	Indexed C. J. GALLI	



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76F3095 CE #310 6-62

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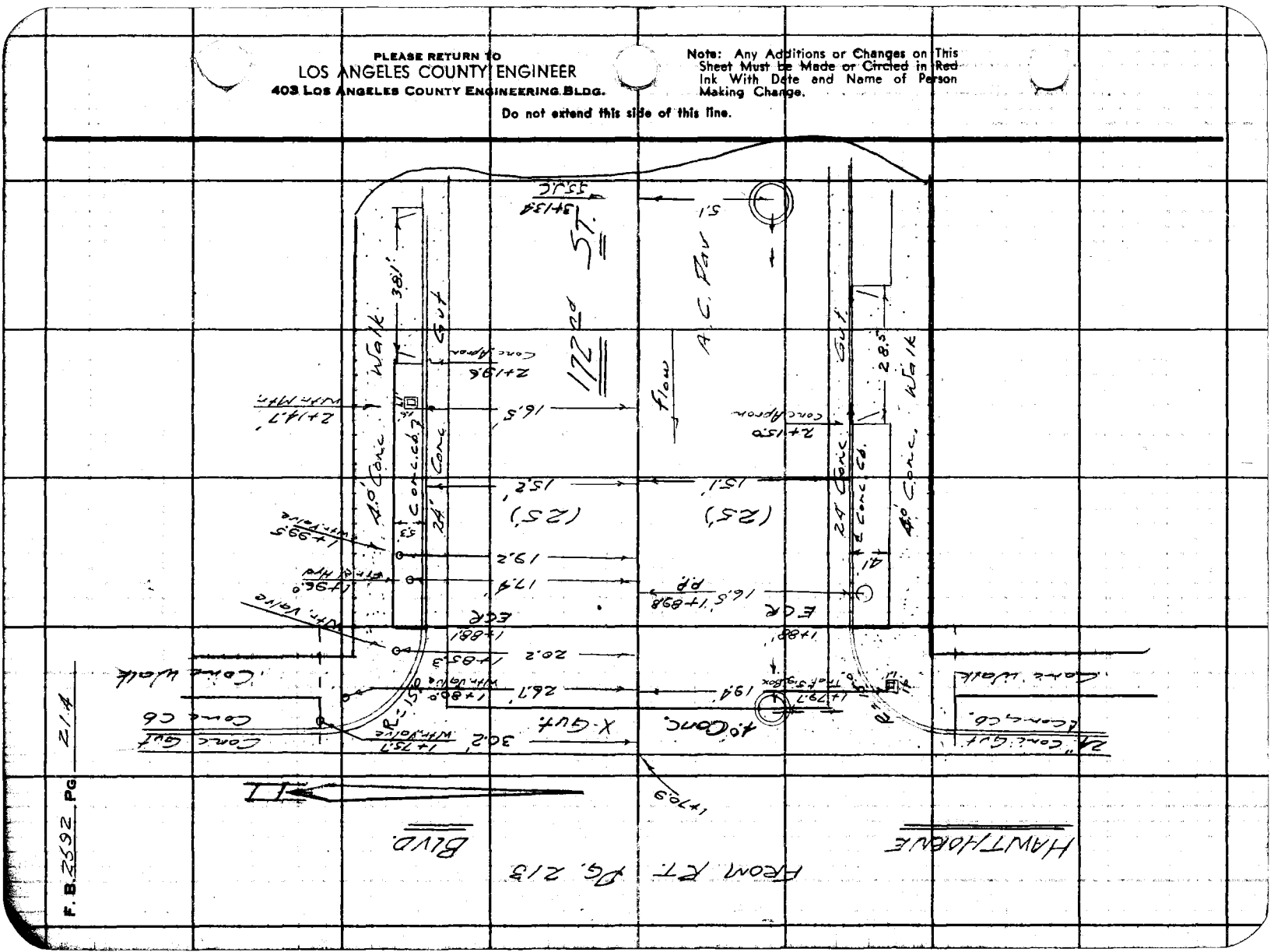
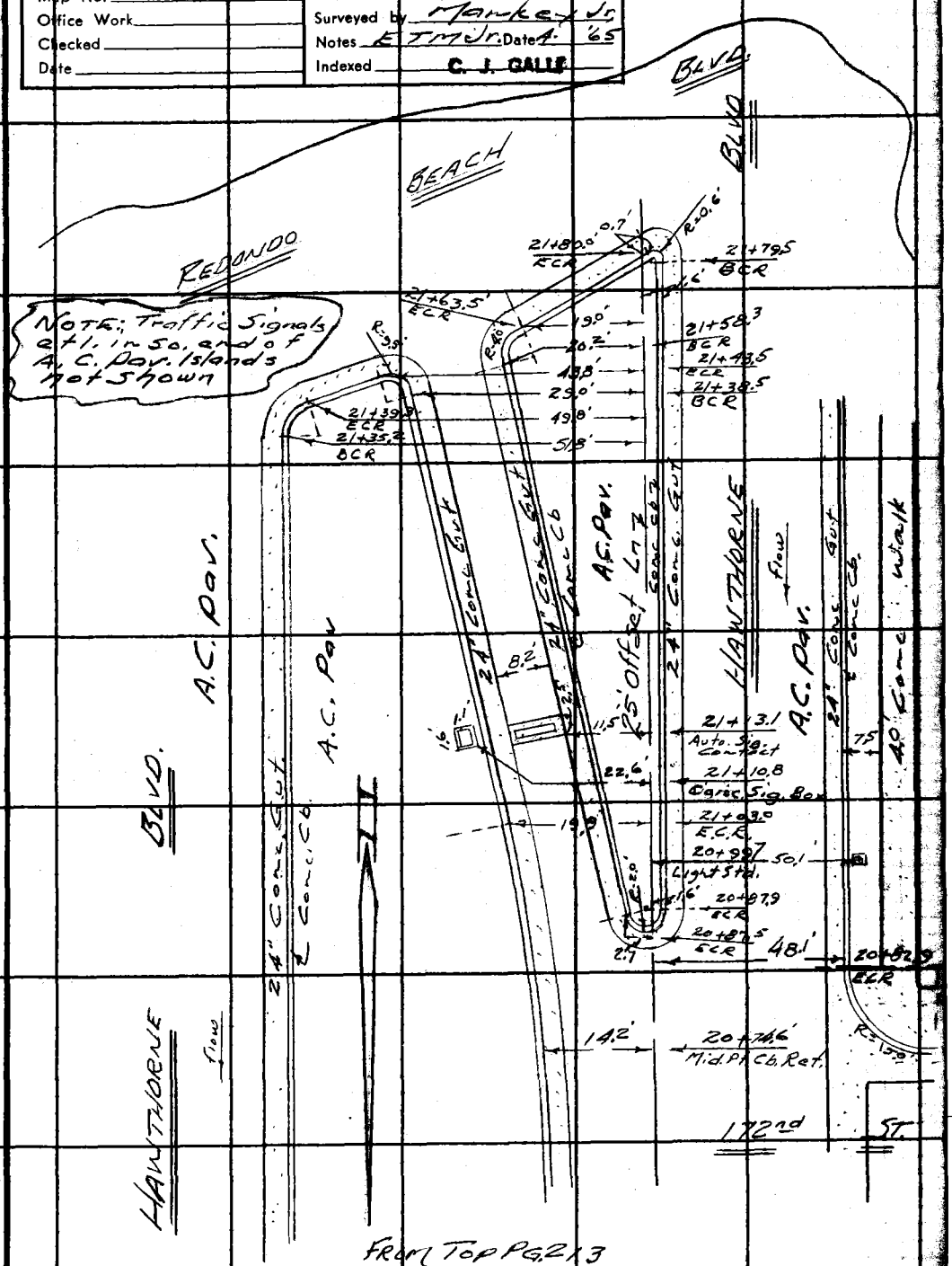


Notes Ck'd by	Survey of Lawndale S.D.
Map No.	JN 6150.01 Tape Std °F
Office Work	Surveyed by Manke & Jr.
Checked	Notes E.T.M. Jr. Date 4-'65
Date	Indexed C. J. GALLE

F. B. 2592 PG. 21



FROM TOP PG. 21 3

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76F3093 CE #310 6-62

Profile	Notes Red	Plotted	Job No. [illegible]	Division No. 11
No.	Date	Date	Survey of Lawndale S.D.	
X-Sec.	Notes Chkd.	Checked	Survey by Mankey Jr.	Notes [illegible] Date [illegible]
No.	Date	Date	Map No.	Indexed C. J. [illegible] Date

JN 6150.01

LAWNDALE S.D.

X-SECTIONS

IN

HAWTHORNE BLVD

from

166TH ST. South To 172nd ST.

Mankey Jr.
Smiley
Manley
Love

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

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FS-1.200 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd X-SECTIONS	
BM S.D. 3202 Fd				69.48	BM SD 3202 EL 69.477 FB 2583-B & Hawthorne Blvd. & 166th St. S.W. Cor. Bt. Spk. in Cb. 50' W. of W. end S.W. Cb. Ret	
					LT & E.	⊼ = 25' offset Line RT & W.
0+82.8	S.S.J.C.	Rim EL		68.14	7.58 Rim to Facet .67 size VCP 8.25	50.0'
	INVERT on 8" Inlet from So.			59.89		
1+00	Int. with 166th ST. W.			69.00	⊼	
"	℄ Int. " " " "			68.69	25'	
	See FB. 2583 - 180, 181, 182, 183 for Island Elev's Immediately So. off 166th ST					
1+53.1				70.0	⊼	
"				70.05		1.6 Cb
"				69.55		1.7 Gut
"				69.54		3.7 Gut
"				69.29		17.2
"				69.00		32.7
"				68.53		46.1 Gut
"				68.38		48.1 Gut
"				69.01		48.1 Cb.
"				69.35		60' Pl.
1+83.3				69.12	51.4 Cb	

Survey of Lawndale S.D. Job No. 6150.01 Division No. 11 Notes Red. Plotted Profile
Survey by E.T.M. Notes Date Date No. X-Sec.
Indexed C. J. GALLI Date Notes Chkd. Checked Date No.
2592 Pg. 218

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD LT & E.	X-SECTIONS ⊼ = 25' off Ln. RT & W
1+83.3				68.59'	51.5' Gut	
"				68.50'	53.5 Gut	
"				68.20'	66.9'	
"				67.88'	82.5'	
"				67.39	96.2' Gut	
"				67.27'	98.2 Gut	
"				67.89'	98.2 Cb.	
"				68.15	110 P/L	
1+93.1				70.3'		⊼
"				70.32'		1.6' Cb
"				69.84		1.7 Gut
"				69.80'		3.7 Gut
"				69.46'		17.2'
"				69.21'		32.7'
"				68.76'		46.1 Gut.
"				68.61		48.1 Gut
"				69.25'		48.1 Cb.
"				69.54		60 P/L
2+[illegible]00				70.3		⊼ dirt
"				70.1	12² dirt	

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 61561 Division No. 11 F.B. 3592 Pg. 213
X-Sec. No. ___ Date ___ Date ___ Survey of Lawndale S.D.
Notes Chkd. ___ Checked ___ Survey by Marbey Notes Etmdt Date April 17 65
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Blvd.	X-SECTION
					LT & E.	⊼ = 35' off Ln. RT & W.
2+00				69.79'	28' Cb,	
"				69.25'	28.5 Gut	
"				69.14'	40.8 Gut	
"				69.65'	41.4 Cb	
2+23.3				69.42'	51.4 Cb	
"				68.95'	" Gut	
"				68.88'	53.4' "	
"				68.53'	66.9	
"				68.25'	82.5	
"				67.73'	96.2 Gut	
"				67.60'	98.2 Gut	
"				68.19'	98.2 Cb	
"				68.60'	110' P/L	
2+50				70.7		⊼
"				70.8'	4.2 dirt	
"				68.4'	16.8 dirt	
"				70.0'	31.8 dirt	
"				70.00'	37.2' cb	
"				69.50'	38.0 Gut	
"				69.18'	51.4 pav	

F.B. 2592 Pg. 220
Job No. 615601 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETM Jr. Notes Mankey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed E. J. GALLI Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd LT. & E.	X-SECTIONS ⊼ = 25' off. Lm. RT & W.
2+60.1				70.8		
"				71.0'	3.5 dirt	
"				67.9'	15.4 dirt	
"				65.2'	19.9 dirt	
"	INVERT on 36" C.M.P.			64.2'	25.5 INV. Direct	
"				64.3'	27.8 dirt at Wall	
"				68.45'	28' Top Wall & dirt	
"				70.1	34.6 dirt	
"				70.01'	38.7 Cb	
"				69.55	39.2 Gut	
"				69.24'	51.4 par	
2+93.1				71.0'		
"				70.96'		1.6 Cb
"				70.45'		1.7 Gut
"				70.40'		3.7 "
"				70.05'		17.2
"				69.96'		32.7'
"				69.36'		46.1 Gut
"				69.24'		48' "
"				69.87'		98' Cb
"				70.18'		60' P/L

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6/59 Division No. 11 F.B. 2592 Pg. 221
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Mauler Notes Etmd Date April 1565
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	X-SECTIONS in Hawthorne Blvd		
T.P.				70.69'	LT. & E.	⊼ = 35' offset Ln	RT & W.
3+00				71.1		⊼ dirt	
"				71.1'	3.1 dirt		
"				65.0'	17.9' "		
"				64.9'	26.0' "		
"				70.6'	35.4 dirt		
"				70.34	39.6' Cb		
"				69.84'	40 Gut		
"				69.56'	51.4 pav		
3+15.0	INVERT on 18" CMP			64.62'	17.5' INV. Direct		
3+15.7	"	"	" at C.B.	65.09			45.9'
3+23.3				69.71'	51.4' Pav		
"				69.39'	66.9		
"				69.08'	82.5		
"				68.63'	96.2 Gut		
"				68.50'	98.2 Gut		
"				69.12'	98.2 Cb		
"				69.38'	110' P/L		
3+47.8	SSMH Rim EL			69.66			50.0 CTR Rim
INVERT on 8" Out to N.				61.38	Out N. 69.66'	Rim EL	In W. 69.66' / In S. 69.66'
" " 8" IN from W.				61.51'	7.61 / .67	" to Pipe / Invert	7.48 / .67 / .67
" " " " " S				61.51'			

F.B. 2592 Pg. 222
Job No. 615401 Division No. 11 Notes Red ____ Plotted ____ Profile
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETM Jr. Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. J. GALLI Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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3250
6989

STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in HAWTHORNE BLVD	
					LT. & E	⊼ = 25' off Ln. RT & W.
3+50				71.3		
"				71.4'	3.2' dirt	
"				65.8'	16.8' "	
"				65.3'	25.6' "	
"				70.9'	37.0 "	
"				70.71	39.9' cb.	
"				70.22'	40.3' Gut.	
"				69.97'	51.4' pav.	
3+52.59 INT. of 167TH ST W.						
	X-SECTIONS IN 167TH ST. W'ly from HAWTHORNE BLVD with ℄ of Hawthorne Blvd as 1+00 W'ly					
1+00 INT with Hawthorne Blvd					LT. & So	℄ = ℄ in 167TH ST RT & N.
1+71.0				69.71		℄ E edge conc x-Gut
+73				69.55'		℄ F.L. " "
+75				69.69		℄ W. edge " "
1+98.1				70.12'		℄
"				70.01'		7.5'
"				69.98		13.1 Gut
"				69.79		15.1 Gut
"				70.43		15.1 Cb

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6150.01 Division No. 11 F.B. 2592 Pg. 223
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Manhold Notes ETM Date Apr. 15, 65
Date ____ Date ____ Map No. ____ Indexed S. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	167TH ST. X-SECTIONS LT & SO.	℄ = ℄ in 167th ST RT & N.
1+98'				70.64		25' P/L
"				70.06	7.5'	
"				69.98	13' Gut	
"				69.81'	15' "	
"				70.45'	15' Cb	
"				70.91	25' P/L	
2+38'				70.49		℄
"				70.36'		7.5'
"				70.31'		13.1 Gut
"				70.14'		15.1 Gut
"				70.80		15.1 Cb
"				71.01		25' P/L
"				70.41	7.5'	
"				70.33	13.1 Gut	
"				70.18'	15.1' Gut	
"				70.84	15.1 Cb	
"				71.14	25' P/L	
3+38'				71.14'		℄
"				71.01'		7.5'
"				70.88'		13.1 Gut

F.B. 2592 Pg. 224
Job No. C15001 Division No. 11 Notes Red ____ Plotted ____ Profile
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETM Notes Manley Jr Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. J. GALLI Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	167th ST. X-SECTIONS LT & So.	℄ = ℄ in 167th St. RT & N
3+38.1				70.74		15.1 Gut
"				71.41		15.1 Cb
"				71.66		25' P/L
"				71.04	7.5'	
"				70.87	13.1 Gut	
"				70.71	15.1 "	
"				71.38	15.1 Cb	
"				71.66	25 P/L	
5+20.7 CTR. S.S.M.H. Rim EL				71.76 8.20	7.53 Rim to Facet	9.8' CTR of Rim
INVERT on 8" Out to E.				63.56	.67 Size of Pipe	
T.P.				71.82		

X-SECTIONS in HAWTHORNE BLVD. CONT.
SO. FROM 167TH ST.

STATION	B.S.	H.I.	F.S.	ELEV.	LT. & E	⊼ = 25' off Ln. in Haw. Blvd. RT. & W.
3+52.59 INT. with 167TH ST.						
3+92.7				71.6		⊼
"				71.50		1.6 Cb
"				71.01		1.7 Gut
"				70.99		3.7 "
"				70.66		17.2
"				70.39		32.7

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6150 PL Division No. 11 F.B. 2592 Pg. 225
X-Sec. No. ___ Date ___ Date ___ Survey of Lawndale S.D.
Notes Chkd. ___ Checked ___ Survey by Mankey Notes E.T.M. Date April 12 '65
Date ___ Date ___ Map No. ___ Indexed E. J. GALLA Date ___

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD X-SECTION LT & E.	⊼ = 25' off LN RT & W
3+92.7				69.95'		46' Gut
"				69.84		48.1 Gut
"				70.41'		48.1 Cb
"				70.86'		60' P/L
4+00				71.7'	⊼	
"				71.8'	3.0' Dirt	
"				65.6'	18.6' "	
"				66.0'	34.0' Dirt	
"				71.0'	46.0 "	
"				70.96'	50.7' Cb.	
"				70.45'	51.4 Gut	
4+12.9				71.04'	51.4' Cb	
"				70.51'	" Gut	
"				70.50'	53.4 "	
"				70.15'	66.9	
"				69.87'	82.5	
"				69.36'	96.2' Gut	
"				69.24'	98.2 Gut	
"				69.88'	98.2 Cb	
"				70.27'	110' P/L	

F.B. 2592 Pg. 226 Job No. 615001 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETC Notes Monkey Vn Notes Chkd ____ Checked ____ X-Sec. ____
Indexed C. J. GATES Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd X-SECTIONS LT. & E	⊼ = 25' off Ln. RT. & W.
4+32.7				71.8'		⊼
"				71.74'		1.6 Cb
"				71.27'		1.7 Gut
"				71.25		3.7 Gut
"				70.92		17.2
"				70.59'		32.7'
"				70.17		46.1 Gut
"				70.08'		48.1 "
"				70.64		" Cb
"				70.90'		60' P/L
4+50				71.9'		⊼ dirt
"				72.0'	3.1' dirt	
"				66.1'	19.3' "	
"				66.2'	35.6' "	
"				71.6	47.3' "	
"				71.39'	51.3 Cb	
"				70.85'	52.1 Gut	
4+52.9				71.38'	51.4' Cb	
"				70.88'	51.5 Gut	
"				70.86'	53.5 Gut	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6150 Division No. 11 F.B. 2592 Pg. 227
X-Sec. No. ___ Date ___ Date ___ Survey of Lawndale S.D.
Notes Chkd. ___ Checked ___ Survey by Mankey Notes E.T.M. Date April 19 65
No. ___ Date ___ Date ___ Map No. ___ Indexed ___ Date ___

76-L298 CE 307 3-61

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Do not extend notes this side of this line. 5+32.7

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	⊼ = 25' off Ln. RT & W
4+52.9				70.51'	66.9	
"				70.25'	82.5	
"				69.77	96.2 Gut	
"				69.61	98.2 Gut	
"				70.20'	98.2 Cb	
"				70.61'	110' P/L	
5+00				72.2'		⊼
"				72.2'	3.3 dirt	
"				66.3'	18.7' "	
"				66.5	35.2' dirt	
"				71.9'	47.0' "	
"				71.81'	51.3 Cb	
"				71.29'	52.0' Gut	
5+32.7				72.5'		⊼
"				72.39'		1.6 Cb
"				71.89'		1.7 Gut
"				71.84		3.7 "
"				71.50'		17.2'
"				71.22'		32.7
"				70.79'		46' Gut

F.B. 2592 Pg. 228

Job No. 6150 Division No. 11 Notes Red. Plotted Profile

Survey of Lawndale SD Date No.

Survey by ETM Jr Notes Mankey Jr Notes Chkd. Checked X-Sec.

Indexed G. S. Gill Date Date No.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	π=25' off Ln RT & W
5+32.7				70.70		48.1 Gut
"				71.29		48.1 Cb
"				71.69		60' P/L
T.P.				72.56		
5+50				72.5	π	
"				72.7	3.2 dirt	
"				66.5	18.1' "	
"				66.5	35.0' "	
"				72.3	47.7 dirt	
"				72.19	51.3' Cb	
"				71.67	52.2 Gut.	
5+52.9				72.02	51.4 Cb	
"				71.68	51.6 Gut	
"				71.67	53.6 "	
"				71.35	66.9	
"				71.12	82.5	
"				70.71	96.2' Gut	
"				70.57	98.2 "	
"				71.17	98.2 Cb	
"				71.41	110' P/L	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 615001 Division No. 11 F.B. 2592 Pg. 222
X-Sec. No. ___ Date ___ Date ___ Survey of Lawndale S.D.
Notes Chkd. ___ Checked ___ Survey by Parker Notes ETM Date April 19, 65
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E			RT & W.
							$\bar{x}$=25' off Lr.	
6+00				72.9'			$\bar{x}$	
"				73.0'	2.5' dirt			
"				67.2'	17.5' "			
"				66.8'	34.0' dirt			
"				72.8'	47.0' "			
"				72.65'	51.2 Cb.			
"				72.15'	51.9 Gut			
6+50				73.1'			$\bar{x}$	
"				73.2'	4.0' Dirt			
"				67.2'	18.7' "			
"				67.2'	32.9' Dirt			
"				73.2'	46.8' "			
"				73.05'	51.4 Cb.			
"				72.49'	52.1 Gut.			
6+54.6 INVERT DIRECT on 18" CMP				66.60'	16.9'			
6+55.7	"	"	"	67.22'				
6+88.2 CTR SS JC				71.84				59.7' CTR Rim
INVERT on 8" out to N.				63.47	N. 71.84	Rim E.	W. 71.84	71.84
"	"	8" in from W.		63.97'	7.70	Rim to Facet	7.26	7.56
"	"	"	" S.	63.61'	67		67	67
					63.47		63.97	63.61

F.B. 2592 Pg. 230
Job No. 61500' Division No. 11 Notes Red Plotted Profile
Survey of Lawndale S.D. Date Date No. X-Sec.
Survey by ETM Jr. Notes Mankey Jr. Notes Chkd. Checked
Indexed C. J. WALL Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTION	
6+92.67	INT. of 168th ST. W.					
	X-SECTIONS in 168th ST. GOING W. with					
	HAWTHORNE BLVD ℄ as 1+00.					
1+00	℄ Hawthorne Blvd.				LT & SO.	℄ = ⊼ Ln. in 168th ST. RT & N.
1+70.9				71.87'		℄ E. edge Conc x-Gut
+72.9				71.77'		℄ FL. " "
+74.9				71.89'		℄ W. " " "
1+98.1				72.21'		℄
"				72.05'		7.5
"				71.82'		13.1 Gut
"				71.70'		15.1 "
"				72.31'		15.1 Cb
"				72.54'		25 P/L
"				72.22'	7.5'	
"				72.16'	13.3 Gut	
"				72.01'	15.3' Gut	
"				72.62'	15.3' Cb	
"				73.00'	25 P/L	
2 +38.1				72.46'		℄
"				72.20'		7.5

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 7592 Pg. 231
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Manley Jr. Notes ETM Date 4-19-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	168TH ST.	X-SECTIONS
T.P.				72.76'	LT & SO.	℄ = ΠLnin 168th St. RT & N.
2+38.1				71.93'		13.1' Gut
"				71.74'		15' "
"				72.41'		15' Cb
"				72.58'		25 P/L
"				72.38'	7.5'	
"				72.26'	13.3' Gut	
"				72.07	15.3 Gut	
"				72.70'	15.3 Cb	
"				73.07'	25' P/L	
3+38'				72.63'		℄
"				72.38'		7.5
"				72.04		13.1' Gut
"				71.87		15.1 Gut
"				72.45'		15' Cb
"				72.78'		25' P/L
"				72.54	7.5	
"				72.46	13.3 Gut	
"				72.32	15.3 "	
"				72.97	15.3 Cb	
"				73.20'	25' P/L	

F.B. 2592 Pg. 232
Job No. 6150.01 Division No. 11 Notes Red. Plotted Profile
Survey of Lawndale S.D. Date Date No.
Survey by ETC & Notes Manhole Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	168TH ST. X-SECTIONS LT & S.	℄ = π Ln in 68th St. RT & N.
5+17.9	CTR. SSMH		Rim EL	72.69	6.66' Rim to Facet	5.1' Ctr. of Rim
	INVERT on 8" Out to E.			65.36	.67' Size of V.C.P.	
	X-SECTIONS in HAWTHORNE BLVD So. from 168TH ST. STA. 6+92.67					
6+92.69					LT & E	π = 25' off Ln in Haw. Blvd RT. & W.
7+00				73.6'		
"				73.8'	2.7' dirt	
"				68.1'	18.0' "	
"				67.4'	35.0' "	
"				73.5'	46.8' dirt	
"				73.48'	51.3 Cb.	
"				72.97'	52.1' Gut.	
7+33.0				74.1		
"				73.98		1.6 Cb
"				73.51		" Gut
"				73.46		3.6 Gut
"				73.12'		17.2'
"				72.81'		32.7'
"				72.42'		46.1' Gut
"				72.29'		48.1 Gut

Profile No. ____ Notes Red ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 233
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Markey Jr. Notes ETM Jr. Date 4-19-65
Date ____ Date ____ Map No. ____ Indexed C. J. [illegible] Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD. LT & E	X-SECTIONS ⊼ = 25' off Ln. RT & W
7+33.0'				72.91'		48.1 Cb.
"				73.24'		60' P/L
7+42.8'				73.83'	51.4 Cb	
"				73.31'	51.4 Gut	
"				73.27'	53.4 Gut	
"				73.00'	66.9'	
"				72.77'	82.5	
"				72.20'	96.2 Gut	
"				72.08	98.2 "	
"				72.70'	98.2 Cb	
"				72.93'	110' P/L	
7+50				74.3'		⊼
"				74.4'	35' dirt	
"				68.6'	18.9' "	
"				68.3'	32.5' "	
"				74.0'	47.2' dirt	
"				73.90'	51.4 Cb	
"				73.38'	52.0 Gut	
7+73.0				74.6'		⊼
"				74.52'		1.6 Cb

F. B. 2592 Pg. 234
Job No. 6150.01 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of Lawndale S.D. Date ___ Date ___ No. ___
Survey by ETM Jr. Notes Monkey Jr. Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed C. J. GAEN Date ___ Date ___ No. ___

76-L29B CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	$\bar{x}$ = 25' off Ln. RT & W
7+73.0'				74.00'		1.6 Gut
"				74.01'		3.6 Gut
"				73.71'		17.2'
"				73.41		32.7
"				73.01'		46' Gut
"				72.91		48' "
"				73.51		48' Cb
"				73.87'		60' P/L
7+75.6 CTR. TEL CO MH. RIM EL.				71.74	37.9 CTR. RIM.	
7+82.8				74.15	51.4 Cb	
"				73.64'	51.4 Gut	
"				73.56'	53.4 Gut	
"				73.33'	66.9'	
"				73.00'	82.5	
"				72.61'	96.2' Gut	
"				72.48'	98.2' Gut	
"				73.08'	98.2 Cb	
"				73.24	110' P/L	
7+87.7	B.C.R.			74.71'		1.6 Cb
"				74.20'		1.6 Gut
8+00				74.9'		$\bar{x}$

Profile Notes Red ____ Plotted ____ Job No. 61501 Division No. 11 F.B. 2592 Pg. 235
No. ____ Date ____ Date ____ Survey of Lowndale S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Mankey Jr. Notes ETM Jr. Date 4-19-65
No. ____ Date ____ Date ____ Map No. ____ Index C. J. BAFIE Date ____

76-L296 CE 307 8-61

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD X-SECTIONS	
					LT & E	⊼ = 25' off Lm RT & W.
8+00				75.1'	4.0 Dirt	
"				69.0'	18.6 "	
"				69.3'	31.5' Dirt	
"				74.4'	47.3' "	
"				74.22'	51.5 Cb.	
"				73.69'	52.3' Gut	
8+50				75.10		⊼ Pav
"				75.09'	3.1' Gut	
"				75.61'	3.8' Cb	
"				75.8'	8.0' Dirt	
"				71.1'	22.2' "	
"				69.3'	22.4 "	
"				69.6'	28.8' Dirt	
"				75.1'	45.8' "	
"				74.74'	51.4 Cb	
"				74.20'	52.2 Gut	
8+59.4				75.9'	9.3 Dirt	
"				74.6'	16' "	
"				74.1'	22.3' Dirt at Wall	
"				70.2'	23' Dirt	

F.B. 2592 Pg. 276
Job No. 61500 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETM/C Notes Clarkson Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. Grant Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD. X-SECTIONS LT & E	⊼ = 25' OFF LN. RT & W.
8+59.4	INVERT on 36" CMP.		DIRECT	70.12	25.2' INV.	
"				70.3'	29.5 Dirt	
"				74.33'	31.2 Top Wall	
"				74.0'	35.5 Dirt	
"				75.2'	44.0 Dirt	
8+73.0				75.39		⊼ pav
"				75.11		17.2'
"				74.89		32.7'
"				74.51		46' Gut
"				74.38		48' "
"				74.98'		48' Cb
"				75.29'		60' P/L
8+73.5	E.C.R.			75.27'	6.4' Gut	
"				75.82'	7.2' Cb	
8+82.8				74.99'	51.4 Cb	
"				74.46'	51.4 Gut	
"				74.41'	53.4 Gut	
"				74.11'	66.9	
"				73.85'	82.5	
"				73.39'	96.2' Gut	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 232
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Monkey Notes ETM Date 4-19-65
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALL Date 3

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E.	⊼ = 25' off Ln RT & W
8+82.8				73.34'	98.2' Gut	
"				73.88	98.2 Cb	
"				74.16'	110' P/L	
9+00				75.79'		⊼ Pav
"				75.56'	12.2' Gut	
"				76.12'	12.6' Cb	
"				76.3'	18.5 Dirt	
"				75.0'	31.8 "	
"				75.6'	39.0' Dirt	
"				75.6'	44.5 "	
"				75.20'	51.4' Cb.	
"				74.67'	52.1' Gut	
9+15.7				76.54'	0.8 Cb	
"				75.98'	1.4 Gut	
9+16.3				76.69'		1.7' Cb
"				76.19'		1.7 Gut.
T.P.				76.12'		
9+50				76.68'		1.7 Gut
"				77.18		1.6 Cb
"				77.21		⊼

F.B. 2592 Pg. 238 Job No. 615901 Division No. 11 Notes Red Plotted Profile
Survey of Lowndale S.D. Date Date No.
Survey by Etm Jr Notes Monkey Jr Notes Chkd. Checked X-Sec.
Indexed E. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	℄ = 25' off LT. RT & W
9+50				76.98'	9.1' Cb	
"				76.40'	9.5' Gut	
"				76.36'	10.6 Gut	
"				76.15'	19.7 "	
"				76.14'	21.8 "	
"				76.65'	22.3' Cb	
"				76.9'	2.8' Dirt	
"				75.88'	51.4' Cb	
"				75.36'	51.8' Gut	
9+58.8 Calc. Inv. on 18" CMP at 36" CMP				72.29'	24.2' Inv.	
9+95.6 BCR				77.11	31.2' Cb.	
"				76.60'	31.2 Gut	
9+97.2 BCR				77.50'	18.6 Cb.	
"				76.98'	18.6 Gut	
9+98.6 BCR				76.53	51.4 Cb.	
"				76.01'	" Gut	
10+01.6 BCR				77.82'		1.7' Cb.
"				77.29'		" Gut
10+03.6 ECR				77.83'	0.3' Cb	
10+03.6 ECR				77.28	0.3' Gut	

Profile Notes Red ____ Plotted ____ Job No. 615301 Division No. 11 F.B. 2592 Pg. 239
No. ____ Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Mankey Jr. Notes ETM Date 4-19-65
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

76-L298 CE 307 3-61

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6.34
2.05

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS	
					LT & E	℄ = 25' off Ln. RT & W
10+03.6 ELR				77.65'	14.4' Cb	
"	"			77.17	" Gut	
"	"			76.84'	41.0' Cb.	
"	"			76.35'	" Gut	
"	"			76.76'	47.0' Cb	
"	"			76.22'	" Gut	
10+32.60 INT with 169TH ST.				77.77'		1.6' Pav
"				77.76		℄ Pav
"				77.52'	16.5' Pav.	
"				77.04	36.5 Pav.	
"				76.59'	51.8' Pav.	
X-SECTIONS in 169TH ST. Going WEST with HAWTHORNE BLVD ℄ as STA 1+00 W.						
					LT & So.	℄ = ℄ Ln in 169TH ST RT & N.
1+91.7 INV on 18" CMP Direct				74.08'		12.8' INV.
1+91.9 " " " "				74.25'	13.0' INV.	
1+93.4' INV on 18" CMP Direct				73.26		15.6 INV.
1+94.7 " " 15" " "				74.29'		14' INV
1+981				76.92'		℄
"				76.60'		7.5

F.B. 2592 Pg. 240
Survey of Lawndale S.D.
Survey by ETM Jr. Notes Manley Jr.
Indexed C. J. GALLI Date
Job No. 61501 Division No. 11 Notes Red. Date Plotted Date
Notes Chkd. Date Checked Date
Profile No. X-Sec. No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	169TH ST. X-SECTIONS LT & So.	℄ = ⊼ Lnin 169TH RT & N.
1+98.1				76.44'		12.0' Gut
"				76.21'		15' Gut
"				76.91'		15.1 Cb.
"				77.07'		25' P/L
"				76.99'	7.5'	
"				76.88'	13.4' Gut	
"				76.77'	15.2' "	
"				77.42'	15.2' Cb	
"				77.86'	25' P/L	
2+14.8'	INVERT on 15" CMP Direct			74.52		17.1' INV.
2+38.1				76.51'		℄
"				76.21'		7.5'
"				75.92'		13' Gut
"				75.75		15.1' Gut
"				76.38'		15.1 Cb
"				76.78'		25' P/L
"				76.82'	7.5'	
"				77.09'	13.4' Gut	
"				76.95'	15.2' Gut	
"				77.54'	15.2' Cb	
"				77.76	25' P/L	

Profile Notes Red ____ Plotted ____ Job No. 61500 Division No. 11 F.B. 2592 Pg. 244
No. ____ Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Mankey Jr. Notes ETM Jr. Date 4-19-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	169TH ST. X-SECTIONS	
					LT. & SO.	℄ = ℄ Ln in 169th RT & N.
3+38'				76.78'		℄
"				76.46'		7.5
"				76.25'		13.1 Gut
"				76.07'		15' "
"				76.72'		15' Cb
"				76.86'		25' P/L
"				77.18'	7.5'	
"				77.39'	13.3' Gut	
"				77.27'	15.3 Gut	
"				77.95'	15.3 Cb	
"				78.20'	25' P/L	
4+59.9 CTR SSMH Rim EL				77.35'	5.1' CTR Rim	
					8.09 Rim to Facet	
Inv or 8" Out to East				78.59'	.67 Size of Pipe	
X-SECTIONS in HAWTHORNE BLVD Cont. S. from						
		169TH ST.		STA. 10+32.60 Going S.		
10+32.60 Int with 169TH ST.					LT & E	℄ = 25' off Ln RT & W
10+37.9 CTR S.S.J.C Rim EL				77.12'		50.8' CTR Rim
					N. out	W. in S. in
Inv. of 8" Out to N.				67.20'	77.12 Rim EL	77.12 77.12
					9.25 Rim to Facet	8.98 9.73
" " " In from W.				67.47'	.67 Size of VCP	.67' .67'
" " " " " S.				67.32'	67.20	67.47 67.32

F.B. 2592 Pg. 242
Survey of Lawndale S.D. Job No. 61501 Division No. 11 Notes Red. Plotted Profile
Survey by ETM/JW Notes Monkey Wn Date Date No. X-Sec.
Indexed C.J. Gill Date Notes Chkd Checked Date No.

76-L298 CE 307 3-61

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76.39' #325L

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	⊼ = 25' off Ln. RT & W.
10+67.0	BCR.			78.00	36.0' Cb.	
"				77.48	36.0' Gut	
"	"			77.70	49.6' Cb.	
"				77.18'	49.6 Gut	
10+64.0	BCR			78.87'	3.3 Cb	
"				78.36'	3.3 Gut	
"	"			78.67'	9.5' Cb	
"				78.17'	9.5' Gut	
10+65.0'	ECR			77.70'	51.4 Cb	
"				77.18'	51.4 Gut	
10+69.0	"			79.04'		1.7 Cb
"				78.54'		" Gut
"	E.C.R.			78.26	21.7 Cb	
"				77.76	" Gut	
10+72.3'	E.C.R.			78.51'	19.2 Cb	
"				78.00'	" Gut	
10+72.8'				79.1'		⊼
"				79.11		1.7' Cb
"				78.61		" Gut
"				78.54		3.7 Gut

Profile No. ____ Notes Red ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 243
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Marks Notes ETM Date 4-19-65
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS	
					LT & E	⊼ = 25' off Ln. RT & W
10+72.8				78.32'		17.2
"				78.00'		32.7
"				77.57'		46.1 Gut
"				77.44		48.1 "
"				78.05'		48.1 Cb.
"				78.35'		60' P/L
10+75.4				77.69'	51.4 Cb.	
"				77.18'	" Gut	
"				77.18'	53.4 Gut	
"				76.82'	66.9	
"				76.55'	82.5'	
"				76.04'	96.2 Gut	
"				75.94'	98.2 "	
"				76.55'	98.2 Cb	
"				76.92'	110' P/L	
11+00				79.6'		⊼
"				78.81	23.9' Cb	
"				78.26	24.5 Gut	
"				78.24	26.7 "	
"				78.19	35.0 Gut	

F.B. 2592 Pg. 244 Job No. 61500 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETM Jr. Notes Manley Jr. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLO Date ____ Date ____ No. ____

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E.	⊼ = 25' off Ln. RT & E
11+00				78.04'	37.' Gut	
"				78.58'	37.8' Cb	
"				78.01'	51.5' Cb	
"				77.54'	52.2 Gut	
11+12.8				79.8'		⊼
"				79.83'		1.6' Cb
"				79.31'		" Gut
"				79.26'		3.6 Gut
"				78.90'		17.2'
"				78.64'		32.7
"				78.19'		46' Gut
"				78.07'		48' "
"				78.69'		48' Cb
"				78.95'		60' P/L
11+15.4				78.21	51.4 Cb.	
"				77.72	" Gut	
"				77.69	53.4 "	
"				77.38'	66.9'	
"				77.16'	82.5'	
"				76.70	96.2 Gut	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6159 Division No. 11 F.B. 2592 Pg. 245
X-Sec. No. ____ Date ____ Date ____ Survey of Laguna dale S.P.
Notes Chkd. ____ Checked ____ Survey by [illegible] Date 4-21-65
Date ____ Date ____ Map No. ____ Index [illegible] Date ____

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#3253
81.68

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E.	⊼ = 25' off Ln. RT & W.
11+15.4				76.59	98.2' Gut	
"				77.20'	98.2 Cb	
"				77.53'	110' P/L	
11+50				80.40'		⊼
"				80.6'	4.0' dirt	
"				79.5'	16.3' "	
"				79.6'	23.7' "	
"				79.38'	34.0' Cb	
"				78.87'	34.6' Gut	
"				78.80'	36.8 "	
"				78.53'	45.0 Gut	
"				78.47'	47.0' "	
"				78.95'	47.7 Cb	
"				78.76'	51.5 Cb	
"				78.23'	52.2 Gut	
11+51.3'				78.80'	51.9 Cb	
"				78.27'	" Gut	
11+51.8'				78.96'	47.5' Cb	
"				78.47'	" Gut	
11+59.1 BCR.				79.49'	36.0' Cb	
"				78.98'	" Gut	

F.B. 2592 Pg. 246 Job No. 615001 Division No. 11 Notes Red. Plotted Profile
Survey of Lawndale S.D. Date Date No. X-Sec.
Survey by EJM Jr. Notes Markey Jr. Notes Chkd. Checked
Indexed G. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	⊼ = 25' off Ln RT & W
12+00				81.3'		⊼
"				81.4'	3.0' dirt	
"				78.9'	18.2 "	
"				79.7'	28.6' dirt	
"				80.3'	34.1' "	
"				80.01	39.4 Cb	
"				79.50'	40.2 Gut	
"				79.45'	42.2' "	
"				79.16'	51.4' Pav	
12+08.5	E.C.R.			80.13'	39.7 Cb.	
"				79.60'	" Gut	
12+09.8				81.5'		⊼
"				81.5'	3.0'	
"				79.1'	12'	
"				78.2'	18.8 dirt at wall	
"				79.28	19' Top wall	
"				79.2'	30.8 dirt at E. end wall	
"				79.8'	33'	
"				80.3'	35'	
"				80.19	39.5 Cb	
"				79.63'	40.1' Gut	

Profile No. X-Sec. No. ____ Notes Red ____ Date ____ Notes Chkd. ____ Date ____ Plotted ____ Date ____ Job No. 615001 Division No. 11 Survey of Lawndale S.D. Survey by Markey Jr. Notes E.T.A. Date 4-21-65 Map No. ____ Indexed G. J. GALL Date ____

F.B. 2592 Pg. 747

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	π = 25' off Ln RT & W
12+10.0				76.0'	19.3' dirt at wall	
"	INVERT ON 36" CMP		DIRECT	75.12'	24.7 INV.	
"				76.6'	28.8' dirt at wall	
12+12.8				81.5'		π
"				81.48		1.6' Cb
"				80.93'		" Gut
"				80.91'		3.6 "
"				80.56'		17.2
"				80.29'		32.7
"				79.86'		46.1' Gut
"				79.76		48' "
"				80.37'		48' Cb.
"				80.65'		60' P/L
12+15.4				79.36'	51.4' Pav	
"				78.97'	66.9'	
"				78.67'	82.5'	
"				78.24	96.2 Gut	
"				78.11'	98.2 "	
"				78.71'	98.2' Cb	
"				78.99'	110' P/L	

F.B. 2592 Pg. 248
Job No. 6150.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by E.T.M. Notes Monkey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. Date ____ Date ____ Date ____ No. ____

76-L.208 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E.	⊼ = 25' off Ln. RT & W
12+50				82.1'		⊼
"				82.1'	3.0' dirt	
"				76.5'	18.5' "	
"				75.9'	27.0' dirt	
"				80.9'	35.2' "	
"				80.77'	39.4' cb	
"				80.22'	40.1 Gut	
"				80.19'	42.1 "	
"				79.92'	51.4' pav.	
12+58.8	B.C.R.			80.81	39.8' cb	
"				80.33'	39.8' Gut	
12+59.8	INVERT on 18" C.M.P. DIRECT			76.01'	18.0' INV.	
T.P.				82.25'		
12+75				76.7'	28.0' dirt	
"				81.2'	36.0' "	
13+00				83.1'		⊼
"				83.3'	3.5' dirt	
"				77.2'	18.9' "	
"				76.5'	27.2' dirt	
"				77.7'	31.5' "	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 249
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Monkey Jr. Notes ETM Jr. Date 4-21-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. A. Gill Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT. SE.	⊼ = 25' off RT. & W.
13+00				81.4'	41.4' dirt	
"				81.28'	46.7' cb	
"				80.78'	47.5 Gut	
"				80.76'	49.7 "	
"				80.70'	51.4' pav	
13+36.7				76.9'	29.1' dirt	
"				78.5'	34.7' "	
"				82.3'	46.2' dirt	
"	E.C.R.			81.84	51.9 Cb	
"				81.34'	" Gut	
13+38.5' INVERT on 18" C.M.P. DIRECT				76.94	81.99' Grate EL. 5.05 76.94 INV.	45.8' INV
13+50				83.8'	⊼	
"				83.9'	3.5' dirt	
"				78.3'	18.5' "	
"				77.3'	31.5 dirt	
"				82.4'	46.2' "	
"				82.02'	51.9 cb	
"				81.48'	52.4' Gut	
"				81.43'	54.2' "	
13+72.70 INT WITH 170th ST. W.						

F.B. 2592 Pg. 250

Job No. 61500 Division No. 11 Notes Red. Plotted Profile

Survey of Lawndale S.D. Date Date No. X-Sec.

Survey by ETM Jr. Notes Monkey Jr. Notes Chkd. Checked

Indexed C. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	170TH ST.	X-SECTIONS
		X-SECTIONS in 170TH ST. W'ly from HAWTHORNE BLVD with HAW. BLVD as STA. 1+00				
					LT & SO.	℄ = πLn. in 170TH ST. RT. & NO.
1+00.0	℄ of HAW. BLVD					
1+70.9				82.55'		℄ E. edge Conc. X-Gut
1+72.9				82.43'		℄ fl. " "
1+74.9				82.55'		℄ W. " " "
1+98.1				83.71'		℄
"				83.55'		7.5'
"				83.57'		13.2' Gut
"				83.36'		15.2' "
"				83.99		15.2 Cb
"				84.18'		25' P/L
"				83.73'	7.5'	
"				83.64'	13.2' Gut	
"				83.49'	15.2' Gut	
"				84.12'	15.2 Cb	
"				84.57'	25' P/L	
2+38.1				86.04'		℄
"				85.92'		7.5'
"				85.84'		13.2 Gut

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6150 Division No. 11 F.B. 2592 Pg. 251
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D. Date 4-21-65
Notes Chkd. ____ Checked ____ Survey by Markey Jr. Notes ETM Date ____
Date ____ Date ____ Map No. ____ Indexed R. J. GALLI Date ____

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	170TH ST. X-SECTIONS LT & SO.	℄ = ⊼ Ln in 170th St. RT & N.
T.P.				90.35'		
2+38.1				85.65		15.2 Gut
"				86.26'		15.2' Cb
"				86.49'		25' P/L
"				86.03'	7.5	
"				85.92'	13.1 Gut	
"				85.74'	15.1 "	
"				86.35'	15.1' Cb	
"				86.59'	25' P/L	
3+38.1				91.25'		℄
"				91.13'		7.5
"				91.01'		13.2 Gut
"				90.85'		15.2' "
"				91.49'		15.2' "
"				91.72'		25 P/L
"				91.14	7.5'	
"				90.99'	13.2' Gut	
"				90.85'	15.2' "	
"				91.49'	15.2 Cb	
"				91.72'	25 P/L	

F.B. 2592 Pg. 252
Job No. 6150.01 Division No. 11 Notes Red. Plotted Profile
Survey of Lawndale S.D. Date Date No.
Survey by Ezm Jr. Notes Manke Jr. Notes Chkd. Checked X-Sec.
Indexed E. J. GALLA Date Date Date No.

76-L298 CE 307 3-61

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Profile Notes Rod____ Plotted____ Job No. 61Sec. Division No. 11 F. B. 2592 Pg. 253
No.____ Date____ Date____ Survey of L.A.C.F.C.D. Date 4-22-65
X-Sec. Notes Chkd.____ Checked____ Survey by W. Sanderlin/Notes Ernie Date 4-22-65
No.____ Date____ Date____ Map No.____ Indexed R. A. GALLI Date____

STATION	B.S.	H.I.	F.S.	ELEV.	170TH ST	X-SECTIONS
					LT & S.	℄ = ℄ Lawndale to 170TH ST RT & N
4+09.7 T.P.	STR. 55 MH. Rim EL			94.13'	12.1 Gr. Rim	
	INV. on 8" Out to East			86.13'	7.33 Rim to Facet .67 Size of Pipe	
				90.35		
	X-SECTIONS			IN	HAWTHORNE BLVD	SO. FROM
	170TH ST.			INT.	STA. 13+72.70	
13+72.70	INT of 170TH ST.				LT & E	℄ = 23' of ℄ Law in Haw. Blvd. RT & W
13+85.20	STR. S.S.V.C. Rim EL.			82.78'	N 82.78 Rim EL.	W 82.78 S 82.78 Gr. Rim
	INV. on 8" Out to N.			72.35'	9.76 Rim to Facet	9.46 9.66'
	" " " In on W.			72.65'	.67 Size of Pipe	.67 .67
	" " " " S.			72.45'	72.35' INVERT	72.65 72.45
	T.P.			83.71		
14+00.0				84.7'		℄
"				85.0'		3.5' Dirt
"				79.2'		18.5 "
"				77.9'		31.5' Dirt
"				83.0		46.4' "
"				82.82'		51.9' CB
"				82.25'		52.5' Gut
14+12.8				84.9'		℄
"				84.83'		1.7' CB
"				84.31'		" Gut
"				84.28'		3.76 Gut

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STATION	B.S.	H.I.	F.S.	ELEV.	X-SECTIONS in HAWTHORNE BLVD	
					LT&E	⊼=25' off Lm. RT&W.
14+12.8				83.97'		17.2'
"				83.69'		32.7
"				83.25'		46.1' Gut
"				83.12'		48.1 "
"				83.73'		48.1 Cb
"				84.05'		60' P/L
14+15.4				83.02'	51.9' Cb	
"				82.52'	" Gut	
"				82.47'	53.9' "	
"				82.07'	66.9'	
"				81.82'	82.5	
"				81.35'	96.2' Gut	
"				81.20'	98.2 "	
"				81.81'	" Cb	
"				82.17'	110' P/L	
14+45.5 BCR				85.33'		1.7' Cb
"				84.81'		" Gut
14+50				85.4'	⊼	
"				85.7	4.0' dirt	
"				79.5'	19.7'	

F.B. 2592 Pg. 254 Job No. 615001 Division No. 11 Notes Red Plotted Profile
Survey of Lawndale S.D. Date Date No. X-Sec.
Survey by E.M. Jr. Notes Manley Jr. Notes Chkd. Checked
Indexed E. J. Gray Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD LT&E	X-SECTIONS ⊼=25' off Ln. RT&W
14+50				78.6'	29.5 dirt	
"				79.7'	34.2' "	
"				83.8'	47.3 "	
"				83.60'	51.9' Cb	
"				83.04'	52.6 Gut	
14+52.8				85.5		⊼
"				85.47		1.5 Cb.
"				84.93'		1.5' Gut
"				84.93'		3.5 "
"				84.55'		17.2'
"				84.30'		32.7
"				83.80'		46.1' Gut
"				83.72'		48.1 "
"				84.32'		48.1 Cb
"				84.59'		60' P/L
14+55.4				83.65'	51.9' Cb.	
"				83.11'	" Gut	
"				83.07'	53.9' "	
"				82.62'	66.9'	
"				82.35'	82.5	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 615001 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Markey Jr. Notes ETM Date 4-22-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2592 Pg. 255

76-L298 CE 307 3-61

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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.	HAWTHORNE BLVD X SECTIONS LT & E.	⊼ = 25' off Ln RT & W
14+55.4				81.97	96.2 Gut	
"				81.85'	98.2 "	
"				82.43'	" Cb	
"				82.80'	110' P/L	
14+95.4	Mid. Cb. Ret			85.94'		0.4' Cb'
"	" " "			85.40'		" Gut
15+00'				85.40'		2.3' Gut
"				85.44'		0.3 Gut
"				85.96'		⊼ & Cb
"				86.2'	4.9' dirt	
"				79.8'	22.0 "	
"				80.1'	30.1 "	
"				84.6'	47.4 dirt	
"				84.33'	51.9 Cb	
"				83.79'	52.6 Gut	
15+26.4	CTR TEL. CO. M.H.		Rim EL	82.92'	38.1' Rim Ctr.	
15+45.2'	ECR.			86.34'	6.0' Cb	
"	"			85.85'	" Gut	
15+50				86.01'		⊼ Pav.
"				85.95'	4.4 Gut	

F.B. 2592 Pg. 256
Job No. 615001 Division No. 11 Notes Red Plotted Profile
Survey of Lawndale S.D. Date Date No.
Survey by ETM Jr Notes Manke Jr Notes Chkd. Checked X-Sec.
Indexed C. J. GALLO Date Date Date No.

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	$\bar{\pi}$ = 25' off Ln RT & W
15+50				85.89'	6.5' Gut	
"				86.37'	6.8' Cb	
"				86.5'	12.6' dirt	
"				81.0'	23.7' "	
"				81.5'	30.1' "	
"				85.0'	43.2	
"				85.14	51.9 Cb	
"				84.68'	52.6 Gut	
15+52.8				86.04'		$\bar{\pi}$ Pav
				85.90'		17.2'
				85.60'		32.7'
				85.25'		46' Gut
				85.15'		48' "
				85.73'		" Cb
				86.02'		60' P/L
15+55.4				85.18'	51.9' Cb	
"				84.63'	" Gut	
"				84.60'	53.9' "	
"				84.22'	66.9'	
"				83.97'	82.5	

Profile No. ____ Notes Red ____ Plotted ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Lawndale J.D.
Notes Chkd. ____ Checked ____ Notes E.T. Mdn Date 4-22-'65
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 2592 Pg. 257

76-L298 CE 307 3-61

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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.	HAWTHORNE BLVD	X-SECTIONS
T.P.				86.38'	LT & E	⅊ = 25' off bn. RT & W
15+55.4				83.51'	96.2 Gut	
"				83.41'	98.2 "	
"				84.07	" Cb	
"				84.29	110' P/L	
15+59.5				81.3'	23.3' dirt at wall	
"	INV. DIRECT on 36" CMP.			81.11	25.5' INV.	
"				81.8'	29.8' dirt at wall	
15+60.3				86.6'	13.7' dirt	
"				85.5'	18.5' dirt	
"				85.1	22.5 dirt at wall	
"				85.28'	25.5 Top wall	
"				84.8'	28.4 dirt at wall	
"				84.4'	31.5 " " "	
"				85.2'	43.5 dirt	
15+96.0	ECR			87.07'	2.6 cb	
"				86.56'	" Gut	
15+96.5	ECR			87.23'		1.7 cb
"				86.74		" Gut
16+00				86.80		1.7' Gut
"				87.31		1.7' Cb

F.B. 2592 Pg. 258
Job No. 6150.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.P. Date ____ Date ____ No. ____
Survey by Etter Jr. Notes Mackey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	⊼=25' off Ln RT & W
16+00				87.09'	3.4 Cb	
"				86.60'	3.7 Gut	
"				86.53'	5.8 "	
"				86.45'	14.1 Gut	
"				86.42'	16.2 "	
"				86.93'	16.6' Cb	
"				87.0'	21.6 dirt	
"				85.7'	33.3' "	
"				86.1'	47.5 dirt	
"				85.87'	51.8 Cb	
"				85.31'	" Gut	
16+47.3	Inv. on 18" CMP DIRECT			82.57	(86.47 Grate El.) 3.90 " to f.L.)	45.8 INV
"	" " " " Calc. El.				25.0' Calc Inv.	
16+50				87.41		1.7 Gut
"				87.92'		" Cb
"				88.02'	6.0'	
"				87.73'	13' Cb	
"				87.18'	13.4 Gut	
"				87.12'	15.5 "	
"				86.94'	23.8 "	

Profile Notes Red ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 259
No. ____ Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Mankey Jr. Notes ETM 12 Date 4-22-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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#3252
EL 86.92'

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD	X-SECTIONS
					LT & E	$\bar{x}$ = 25' of ℄ RT & W
16+50				86.87'	25.8' Gut	
"				87.37'	26.2' Cb	
"				87.1'	38.0 dirt	
"				86.8'	47.5 "	
"				86.61'	51.8 Cb	
"				86.12'	52.4 Gut	
16+75.3' B.C.R.				87.67'	31.2' Cb	
"				87.16'	" Gut	
16+78.0	"			87.95'	18.6 Cb	
"				87.41	" Gut	
16+78.8	"			87.06	51.8 Cb.	
"				86.56'	" Gut,	
16+82.0	"			88.30		1.7' Cb
"				87.80		" Gut.
16+83.4 E.C.R.				87.47'	41.1' Cb	
"				86.90'	" Gut	
" E.C.R.				87.33'	46.6 Cb	
"				86.80'	" Gut	
16+83.6 E.C.R.				88.32'		0.2' Cb
"				87.82'		" Gut

F.B. 2592 Pg. 260
Job No. 61-50.01 Division No. 11 Notes Red Plotted Profile
Survey of Lowndale SD Date Date No.
Survey by E.T.M. Jr. Notes Mankeyala Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD LT & E	X-SECTIONS RT & W.
16+83.6 ECR				88.21	14.0' cb	
"				87.72	" Gut	
17+12.73 INT with 171ST ST.				88.31'		1.7 pav
"				88.11	18.7 pav	
"				87.55	40' pav	
"				87.13'	51.8' pav	

X-SECTIONS IN 171ST ST. GOING WEST with HAWTHORNE BLVD ℄ as STA 1+00 W'ly

STATION	B.S.	H.I.	F.S.	ELEV.	LT & So	℄ = ⊼ Ln in 171ST ST. RT & N.
1+00.0 HAW. BLVD ℄						
1+70.9				87.31'		℄ E. edge Conc x-Gut
"				87.17'		℄ f.l. " "
"				87.27'		℄ W. " " "
1+98.1				88.00'		℄
"				87.81'		7.5
"				87.61		13.2 Gut
"				87.47'		15.2' "
"				88.14		" cb
"				88.29'		25' P/L
"				88.03'	7.5	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 65001 Division No. 11 F.B. 2592 Pg. 24
X-Sec. No. ___ Date ___ Date ___ Survey of Lawndale S.D.
Notes Chkd. ___ Checked ___ Survey by Mankey Notes Ettle Date 4-22-65
Date ___ Date ___ Map No. ___ Indexed R. J. GALLI Date ___

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STATION	B.S.	H.I.	F.S.	ELEV.	171ST ST. LT. & S.	X-SECTIONS ℄ = ℄ Ln. in 170th St. RT & N
1+98.1				87.97	13.1 Gut	
"				87.82'	15.1 "	
"				88.48'	" cb	
"				88.66'	25' P/L	
2+38.1				89.52'		℄
"				89.28'		7.5'
"				89.05		13.2' Gut
"				88.86		15.2' "
"				89.51'		" cb
"				89.70'		25' P/L
"				89.48'	7.5'	
"				89.32'	13.1 Gut	
"				89.21'	15.1 "	
"				89.78	" cb	
"				90.08'	25' P/L	
3+38.1				94.29		℄
"				94.05'		7.5
"				93.83'		13.2' Gut
"				93.65'		15.2 "
"				94.32'		" cb

F.B. 2592 Pg. 262
Job No. 615001 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of Lawndale S.D. Date ___ Date ___ No. ___
Survey by ETM Jr. Notes Monkey Jr. Notes Chkd ___ Checked ___ X-Sec. ___
Indexed C. J. GALLI Date ___ Date ___ Date ___ No. ___

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Profile Notes Rod ____ Plotted ____ Job No. 6759 Division No. 11
No. X-Sec. Date ____ Date ____ Survey of Hawthorne Blvd Notes Checked Date 4-27-65
No. ____ Date ____ Notes Clkd. ____ Checked ____ Survey by Anderson & Nichols Engrs. S.D.
Date ____ Map No. ____ Indexed G. J. Gallo Date ____

F.B. 2592 Pg. 23

STATION	B.S.	H.I.	F.S.	ELEV.	171ST ST	X-SECTIONS
					LT ℄ So.	℄=℄ Ln. in 171ST ST RT ℄ No.
T.P.				93.37'		
3+381				94.61'		25' P/L
"				94.15'	7.5	
"				94.03'	13' Gut	
"				93.87'	15' "	
"				94.55'	" CB	
"				94.76'	25' P/L	
4+00.2				96.35'	10.30 Rim to Facet	5.5' Ctr. Rim
				85.38'	.67 Size of Pipe	
INV. on 8" Out to E						

X-SECTIONS in HAWTHORNE BLVD GOING So.
WITH ℄ of 171ST ST AS 17+12.73

℄ = 25' off Ln. in HAW. BLVD.

					LT ℄ E	RT ℄ W
17+12.73						
INV. W. of ℄ 171ST ST.						
17+17.5				87.40		50.6 Ctr. Rim
GR. 55 JC Rim EL					N 87.40 / 12.98 / .67 = 73.75	S 87.40 / 12.96 / .67 = 73.77
INVERT on 8" Out to N.				73.75	Rim EL. Rim to Facet Size of VCP	
" " " IN on N.				74.10		W 87.40 / 12.63 / .67 = 74.10
" " " " " S				73.77	INVERT	
T.P.				90.18		
17+43.7 BCR.				88.58	36.2 CB	
"				88.05	" Gut	
" BCR.				88.18	50° CB	
"				87.68	" Gut	

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	⊼ = 25' off Ln RT & W
17+44.0	BCR			89.70'	3.8' Cb	
"				88.82'	" Gut	
"	BCR			89.23	9.8' Cb	
"	"			88.70	" Gut	
17+45.2	ECR			88.18'	52' Cb	
"				87.67'	" Gut	
17+49.0	ECR			89.41		1.7 Cb
"				88.91		" Gut
17+49.7	ECR			88.93'	31.6' Cb	
"				88.42'	" Gut	
17+51.1	ECR			89.17'	18.8' Cb	
"	"			88.66'	" Gut	
17+52.8				89.4'		⊼
"				89.45'		1.7 Cb
"				88.92'		" Gut
"				88.88'		3.7 Gut
"				88.59		17.2'
"				88.25'		32.7
"				87.84		46' Gut
"				87.72		48' Gut

F.B. 2592 Pg. 264 Job No. 6150.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETM Jr. Notes Manley Jr. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALL Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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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.	HAWTHORNE BLVD X-SECTIONS LT & E	π = 25' off LM RT & W
17+52.8				88.32'		48' Cb
"				88.73'		60' P/L
17+55.3				88.17	52' Cb	
"				87.70'	" Gut	
"				87.63'	54.1 "	
"				87.24'	66.9'	
"				86.94'	82.5	
"				86.58'	96.2' Gut	
"				86.41'	98.2 "	
"				87.00'	" Cb	
"				87.33'	110' P/L	
17+92.8				90.0		π
"				89.93'		1.7 Cb
"				89.44'		" Gut
"				89.38'		3.9' Gut
"				89.12'		17.2
"				88.83'		32.7
"				88.37'		46' Gut
"				88.23'		48' "
"				88.82'		" Cb
"				89.18'		60' P/L

Profile Notes Red ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 265
No. ____ Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Monkey Jr. Notes ETMJ Date 4-22-65
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

76-L296 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	⊼=25' off Ln RT & W
17+95.3				88.71'	52' Cb.	
"				88.23'	" Gut	
"				88.19'	54.1' Gut	
"				87.80'	66.9'	
"				87.61	82.5	
"				87.19	96.2 Gut	
"				87.07	98.2 "	
"				87.68	" Cb	
"				87.96	110' P/L	
18+00				90.1'		⊼
"				90.1'	4' dirt	
"				89.9'	10' dirt	
"				89.53'	28.3 Cb.	
"				89.01'	28.6' Gut	
"				88.96'	30.7' "	
"				88.76	38.8 Gut	
"				88.74	40.9 "	
"				89.24'	41.2 Cb.	
"				88.83'	52.1' Cb	
"				88.32'	52.5 Gut	

F.B. 2592 Pg. 266 Job No. 6150.01 Division No. 11 Notes Red Plotted Profile
Survey of Lowndale SD. Date Date No.
Survey by Ezm Jr Notes Mankey Jr Notes Chkd. Checked X-Sec.
Indexed C. J. GALL Date Date Date No.

76-L298 CE 307 3-61

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Profile Notes Red. Date Plotted Date Job No. 61502 Division No. 11
No. X-Sec. Notes Chkd. Date Checked Date Survey of Lynndale S.D.
No. Date Map No. Indexed Date Survey by Hawkeye Notes Entd. Date 4-22-65

F.B. 2592 Pg. 26

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS
					LT & E. X=25' off Lm RT & W
18+31.8	BCR.			89.33	52.1 Cb.
"				88.80'	" Gut
18+32.2	"			89.48'	47.5' Cb.
"				88.98'	" Gut
18+41.8	BCR			89.87	36.5' Cb
"				89.37	" Gut
18+47.5				90.7'	X
"				90.9'	5.0' dirt
"				89.0'	19.2' dirt at wall
"				89.35'	25' Top Wall
"				89.3'	31' dirt at wall
"				90.0'	34.5
"				89.93'	37.5 Cb
"				89.45'	37.8' Gut
"				89.41	39.8 "
"				89.07'	52.1 pav
18+48'				86.6'	22' dirt at wall
"	INVERT	Direction 36" CMP		85.19'	25' INV.
"				86.2'	24.6 dirt at wall

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	⊼ = 25' off Ln RT & W
18+61.6				86.8'	26' dirt	
"				90.3'	34.1' "	
"	Mid Cb. Ret			90.15'	39.0' Cb	
"				89.64'	" Gut	
18+80°				91.15'		1.7 Cb
"				90.65'		" Gut
"				91.2'	5' dirt	
"				87.2'	25.5' "	
18+82.2				87.2'	25.3' "	
"				90.7'	34.0' dirt	
"				90.38'	39.7' Cb.	
"				89.88'	" Gut	
18+92.8				91.36'		⊼ & Cb
"				90.83'		0.4 Gut
"				90.78'		2.4 "
"				90.34'		17.2'
"				90.11'		32.7
"				89.57'		46' Gut
"				89.45'		48.1 "
"				90.04'		" Cb
"				90.38'		60' P/L

F.B. 2592 Pg. 268

Job No. 6150.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of LAWNDALE S.D. Date ____ Date ____ No. ____

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

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

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	$\bar{x}$ = 25' off ℄ RT & W
18+95.3'				89.79	52' pav.	
"				89.42'	66.9'	
"				89.12'	82.5'	
"				88.73'	96.2 Gut	
"				88.61'	98.2 "	
"				89.79'	" Cb.	
"				89.51'	110' P/L	
18+98.8	E.C.R.			91.37	1.4 Cb.	
"				90.91	" Gut	
19+00				90.89'		0.5' Gut
"				90.91	1.6' Gut	
"				91.39'	2.0' Cb	
"				91.6'	7.5' dirt	
"				88.3'	27.0 "	
"				91.0'	35' dirt	
"				90.64'	39.7 Cb	
"				90.10'	" Gut	
"				89.89'	52.1 pav	
19+15.9	BCR.			91.67'	7.2' Cb.	
"				91.20'	" Gut	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 269
X-Sec. No. ____ Date ____ Date ____ Survey of Lawndale S.D.
Notes Chkd. ____ Checked ____ Survey by Mankey Notes ETM Date 4-22-65
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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45.1 2.16
" 1.66

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD	X-SECTIONS
					LT&E	X=25' off Ln. RT&W.
19+15.9				91.9'	13.8 dirt	
"				88.8	25.6 "	
19+42.3				90.0'	28.8 dirt	
"				91.5	34.8' "	
" BCR				91.27'	39.8' cb	
"				90.76'	" Gut	
19+45.1 ECR				92.18'	12.4 Cb	
"				91.64	" Gut	
"				92.3'	17.4 dirt	
"				90.4'	26.4 "	
"				90.1'	31' dirt	
19+50				91.47'		1.7'
"				91.67'	10.3' Gut	
"				91.73'	12.3' "	
"				92.25'	12.4 Cb	
"				92.4'	17.5 dirt	
"				90.7'	25.0 "	
"				90.6'	30.5 dirt	
"				91.6'	35.1 "	
"				91.31'	39.8 Cb	

F.B. 2592 Pg. 270 Job No. 61509 Division No. 11 Notes Red Plotted Profile
Survey of Lawndale S.D. Date Date No.
Survey by Etm Jr. Notes Markey Jr. Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	HAWTHORNE BLVD X-SECTIONS	
					LT & E	$\bar{x}$ = 25' off Ln. RT & W
19+50				90.82'	40.5 Gut	
"				90.79'	42.5 "	
"				90.59'	51.7 pav	
19+69.5	ECR			91.58'	44.0 Cb	
"				91.05'	" Gut	
19+74.5				91.63'	45' AC Pav at Cb	
19+78.7				92.67'	12.9' Pav bk of Cb	
19+80.2	BCR			91.74'	47.3 Cb	
"				91.20'	" Gut	
20+00				92.18'		1.7 pav
"				92.37'	10.3' Gut	
"				92.44'	12.3 "	
"				92.95'	12.4 Cb	
"				92.71'	24.4' pav	
"				92.36'	38.0 pav	
"				91.96'	51.2' Cb	
"				91.43'	51.8' Gut	
"				91.40'	53.8' "	
20+06.6	ECR			92.10'	51.7 Cb	
"				91.53'	" Gut	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6159 Division No. 11 P.B. 2592 Pg. 271
Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Markey Jr. Notes E.T.M. Date 4-23-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLE Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS			
					LT & E		℄ = 25' off Ln.	RT & W
20+44.7	BCR			93.53'		12.5 Cb		
"				93.02'		" Gut		
20+47.7	CTR. SSMH. Rim EL			91.65'				50.3' CTR Rim
	INVERT on 8" Out to N.			75.12'	N. out 91.65'	Rim EL	W. in 91.65'	S. stub 91.65
					15.86'	Rim to Facet	15.75'	15.60
"	" " In on W.			75.23'	.67'	Size of Pipe	.67'	.67
"	" " Stub " S.			75.38'	75.12	INVERT	75.23	75.38
20+50				92.80'			1.7' pav	
"				93.07		10.2' Gut		
"				93.11		12.3' "		
"				93.61		12.8' Cb		
"				93.48'		25' pav		
"				93.13'		35' pav		
"				92.70'		51.7 Cb		
"				92.18'		52.3 Gut		
"				92.13'		54.3 "		
20+52.72'	INT with 172nd ST.							
	X-SECTIONS IN 172nd ST Going W. with							
	HAWTHORNE BLVD ℄ as STA 1+00							
1+00	HAW. BLVD ℄				LT & S		℄ = ℄ in 172nd	RT & N
1+70.9				91.70'			℄ E. edge Conc. X-Gut	

F.B. 2592 Pg. 272
Survey of Lawndale S.D.
Survey by ETM/Jr. Notes Manley Jr.
Indexed
Job No. 615001 Division No. 11
Notes Red
Date
Notes Chkd.
Date
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

76-1,296 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	172nd ST.	X-SECTIONS
					LT & SO	℄ = ℄ in 172nd RT & N
1+72.9				91.57'		℄ fl. of Conc X-Gut
1+74.9				91.70'		℄ W. edge " "
1+98.1				92.28		℄
"				92.04'		7.5
"				91.89		13.1 Gut
"				91.71'		15.1 "
"				92.35		" Cb
"				92.54		25' P/L
"				92.44	7.5'	
"				92.47	13.2' Gut	
"				92.36'	15.2 "	
"				93.01	" Cb	
"				93.32'	25' P/L	
2+38.1				93.68		℄
"				93.30'		7.5'
"				93.00		13.1' Gut
"				92.96		15.1 "
"				93.65'		" Cb
"				93.81		25' P/L
"				93.85	7.5	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 615001 Division No. 11 F.B. 2592 Pg. 273
Date ____ Date ____ Survey of Lawndale S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Monkey Jr. Notes RTM Date 4-23-65
Date ____ Date ____ Map No. ____ Indexed G. GALLI Date ____

76-L298 CE 207 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	172nd ST.	X-SECTIONS
					LT & S	℄ = ℄ in 172nd ST RT & N
2+38.1				93.77'	13.2' Gut	
"				93.67'	15.2 "	
"				94.32'	" cb	
"				94.69'	25' P/L	
T.P.				94.80		
3+13.4 CTR S.S.J.C. Rim El				94.94		5.1 CTR of Rim
INVERT on 8" out to E.				75.54	E. out: 94.94 Rim El.; 18.73 Rim to facet; .67 Size of VCP; 75.54	W. in: 94.94; 18.70; .67; 75.57 — S. in: 94.94; 18.46; .67; 75.81
" " " IN on W.				75.57'		
" " " " S.				75.81		
3+38.1				95.22'		℄
"				94.94		7.5
"				94.60		13.1 Gut
"				94.45		15.1 "
"				95.09'		" cb
"				95.31'		25' P/L
"				95.43	7.5'	
"				95.36'	13.2' Gut	
"				95.24'	15.2 "	
"				95.88'	" cb	
"				96.11	25' P/L	

F.B. 2592 Pg. 274 Job No. 615001 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Lawndale S.D. Date ____ Date ____ No. ____
Survey by ETM Jr. Notes Mankey Jr. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	172nd ST.	X-SECTIONS
T.P.				92.62'		
	X-SECTIONS IN HAWTHORNE BLVD CONTINUING SO.					
	with 172nd ST. ℄ as STA 20+52.72					
20+52.72	INT with 172nd ST				LT & E	⊼ = 25' off ℄ RT & W
20+74.6	Mid. of Cb. Ret.			93.95'	14.2' cb.	
	" " " "			93.43'	" Gut.	
20+87.5	ECR.			93.89'	2.7 cb	
"				93.37'	" Gut	
20+87.9				93.75'		1.6' cb.
"				93.21		" Gut
20+92.9				93.94'		⊼
"				93.71		1.6 cb
"				93.22'		" Gut
"				93.21'		3.6 Gut
"				92.74		17.2
"				92.55'		32.7
"				92.21'		46.1' Gut
"				92.08'		48.1 "
"				92.70'		" cb
"				93.04'		60' P/L

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 61500 Division No. 11 F.B. 2592 Pg. 275
X-Sec. No. ___ Date ___ Date ___ Survey of Lawndale S.D.
Notes Chkd. ___ Checked ___ Survey by Markey Jr. Notes Ettl. Date 4-23-65
Date ___ Date ___ Map No. ___ Indexed [illegible] Date ___

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	$\bar{\Lambda}$ = 25 ft Lm RT & W
21+00				93.31		1.6 Gut
"				93.75'		" Cb
"				93.92'	5.4' Cb	
"				93.40'	6.2' Gut	
"				93.39'	8.3 Gut	
"				93.43'	16.5' Gut	
"				93.51	18.6' Gut	
"				94.01	18.9' Cb	
"				93.60'	35' Pav	
"				93.13	52' Cb	
"				92.61'	" Gut	
21.03.0	E.C.R.			94.01	19.9 cb	
"				93.51'	" Gut	
21+32.9				94.00		$\bar{\Lambda}$
"				93.98		1.6 Cb
"				93.51		" Gut
"				93.47		3.6 "
"				93.31		17.2'
"				93.05'		32.7
"				92.57'		46.1 Gut

F.B. 2592 Pg. 276 Job No. 615901 Division No. 11 Notes Red Plotted Profile
Survey of Lawndale S.D. Date Date No. X-Sec.
Survey by Etm Jr Notes Manksyke Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

21+82.9'	Section taken just N. of N. end N.W. Cb. Ret. at	Redondo Beach Blvd. STA 22+32.9 falls in Int.		93.68'		℄ pav.
"				93.64'		17.2
"				93.33'		32.7
"				93.02'		46' Gut
"				92.87		48' "
"				93.53		" Cb
"				93.76'		60' P/L
					BMSD 3251 EL 92.618	FB 2592-21
(Fd) BMSD 3251				92.62'	172nd St. & Hawthorne Blvd. S.W. Cor. Ramset nail 1.0' S. of S. end S.W. Cb. Ret.	

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	HAWTHORNE BLVD X-SECTIONS LT & E	$\bar{x}$ = 250 ft Lt RT & W
21+32.9				92.46		48' Gut
"				93.10'		Cb
"				93.37'		60' P/L
21+35.2'	BCR.			93.35'	51.8 Cb	
"				92.84'	" Gut	
21+38.5	BCR			93.90'	29.0' Cb	
21+ "				93.39'	" Gut	
21+39.3	ECR			93.36	49.8 Cb	
"				92.85	" Gut	
21+43.5	ECR			93.54	43.8 Cb	
"				93.01	" Gut	
21+58.3	BCR			93.82'	20.2 Cb	
"				93.32'	" Gut	
21+63.5	ECR			93.97'	19.0' Cb	
"				93.42'	" Gut	
21+79.5	BCR			94.18'		1.6 Cb
"				93.65'		" Gut
21+80.0	ECR			94.14		0.7 Cb
"	"			93.64		" Gut.

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 61500 Division No. 11 F.B. 2592 Pg. 277
Date ___ Date ___ Survey of Lowndale S.D.
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by Monka & Lowndale Notes ETM Date 4-23-65
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___