INDEX TO F.B. 2186

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"	0303.00	Center Line Survey.	C/L	17-24
"	2087.34	Devlin Ave.from 226th St. to 221st St.	Topog.	35-40
"	"	" " "	X-secs.	41-51
"	"	Seine Ave.from S'ly Line Rancho Los Coyotes to 221st St.	Topog.	53-60
"	"	" " " "	X-secs.	61-69
"	"	Violeta Ave.from " " "	Topog.	71-76
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"	"	S'ly Line Rancho Los Coyotes from Funston Ave.to Pioneer Blvd.	Topog.	127-131
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"	"	" " "	X-secs.	163-168
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DATE	J.N.	DESCRIPTION	NOTES	PAGES
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"	"	" " "	X-secs.	201-210
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NOTES RED. JOB NO. 208734 SURVEY OF Clarkdale Ave - S.S.D.
DATE SURVEY BY D. Sappell
NOTES CHKD. NOTES BY D.S. DATE 2-5-59
DATE INDEXED A. C. Johnson DATE 3-11-59

F.B. 2186 PG. 5

DESCRIPTION	J.N. 208734 CLARKDALE AVE - S.S.D. BENCH LEVELS CIRCUIT NO. 1
ADJ. ELEV.	Elev. based on L.A.Co. Engr. P.L.N. - '52 Adj. Adj. 2-6-59 Pg.
3RD RUN	
2ND RUN	indexed 7-24-59
DIFF.	
1ST RUN	Party: Sappell Shoemaker Caro Lieber
B.M.	

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768420 S & E-358 4-54

768420 S & E-353 4-54

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JOB NO. 2087.34 SURVEY OF Clarkdale Ave. S.S.D. NOTES RED
SURVEY BY J. Sappell DATE
NOTES BY D.S. DATE 2-5-59 NOTES CHKD
INDEXED A. C. Johnson DATE DATE

F.B. 2186 PG. 6

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Fd.) BM NZ-17	30.517				30.517	BM NZ-17 El. 30.517, F.B. 1931-11, 221 ST st.
+	3.672		3.850			℄ Arline Ave, N.W. cor., L&T in bolt step.
π	34.189	-0.174	0.173		-0.1735	to Ho # 22025
-	3.846		4.023			
T.P.	30.343					T.P. 1x1 So. side 221 st. st.
+	4.703		4.801			
π	35.046	-0.007	-0.006		-0.0065	
-	4.710		4.807			
(Fd.) BM NZ-16	30.336				30.336 ~~30.3370~~	.0010 BM NZ 16 El. 30.284 F.B. 1931-11, Pioneer Blvd
+	4.259		3.996			℄ 221 st. st., S.E. cor., Bt. spk in walk
π	34.595	-0.679	-0.678		-0.6785	to Ho # 22100
-	4.938		4.674			
T.P.	29.657					T.P. spk W. side Pioneer
+	3.823		3.589			
π	33.480	-1.225	-1.225		-1.2250	
-	5.048		4.814			
(Set) BM NZ-77	28.432				28.432 ~~28.4335~~	.0017 BM NZ 77 El. F.B. 2186-6, 44'± E of ℄ int
+	4.060		4.314	4426		Pioneer Blvd ℄ 223 Rd St., No. side
π	32.492	-0.188	-0.180	-0.178	-0.1790	223 Rd St. - bt. spk in cb
-	4.248		4.494	4604		
(set) BM NZ-78	28.244				28.252 ~~28.2545~~	.0021 BM NZ-78 El. F.B. 2186-6 Pioneer
+	4.483		4.580			Blvd. (E. side) 271'± S. of ℄ 223 Rd. ST.
π	32.727	-0.870	-0.871		-0.8705	Bt spk in conc. dr. to Ho # 22324 (So.
-	5.353		5451			strip)
T.P.	27.374					T.P. 1x1 W. side Arline
+	5.204		5.276			
π	32.578	+0.604	+0.604		+0.6040	
-	4.600		4672			
(set) BM NZ-79	27.978				27.988 ~~27.9880~~	.0024 El. F.B. 2186-6, Arline Ave. BM NZ-79 (W. side) 330'± S. of ℄ 223 Rd. ST. bt. spk in conc. walk to Apt. # 22329, 6° W. of E. end walk.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM NZ 79	27.978				~~27.9880~~	BM NZ 79
+	4.343		4.024		27.986	
π	32.321	-0.128	-0.127		-0.1275	
(set)	4.471		4.151		27.858	
BM NZ 80	27.850				~~27.8605~~	BM NZ 80 El. F.B. 2186-7
+	4.233		4.392	4.477		Clarkdale Ave (E. side) 447.5'± S. of ℄
π	32.083	+0.400	+0.405	+0.405	+0.4050	223 Rd. ST. - bt spk in So. strip of conc.
(set)	3.833		3.987	4.072	28.262	dr. to Ho # ?
BM NZ 81	28.250				~~28.2655~~	BM NZ 81 El. F.B. 2186-7
+	2.847		3.227			Violeta Ave (E. side) 578'± So. of ℄
π	31.097	-0.709	-0.711		-0.7100	223 Rd. st., bt spk in bott. step to
(set)	3.556		3.938		27.652	Ho # 22418
BM NZ 82	27.541				~~27.5555~~	BM NZ 82 El. F.B. 2186-7
+	4.368		4.038			Seine Ave. (E. side) 639'± So. of ℄ of
π	31.909	+0.172	+0.168		+0.1700	223 Rd. ST., bt. spk in conc. walk to
(set)	4.196		3.870		27.722	Ho # 22426, 4° E. of W. end walk
BM NZ-83	27.713				~~27.7255~~	BM NZ-83 El. F.B. 2186-7
+	4.272		4.668			Devlin Ave (W. side) 569'± S. of ℄ of
π	31.985	-1.103	-1.105		-1.1040	223 Rd. ST. - bt. spk in ctr of conc.
(Fd)	5.375		5.773		26.617	drive to Ho # 22421, 4° W. of E. end drive
BM NZ-48	26.610				~~26.6215~~	BM NZ 48, El. 26.591 F.B. 1925-169 226 TH
	5.112		5.278			ST. & Funston Ave., P.M. on N. Rim
	31.722	+0.719	+0.719		+0.7190	of S.S.MH. & Funston Ave & 4'± S. of
(Fd)	4.393		4.559		27.336	N.P.L. 226 TH. ST.
BM NZ-47	27.329				~~27.3405~~	BM NZ 47, El. 27.327, F.B. 1925-169
+	4.418		4.613			226 TH. St. & Elaine Ave. - bt. spk in
π	31.747	-0.594	-0.594		-0.5940	fence post 4'± S. & 5'± E. of int. of
-	5.012		5.207			Elaine Ave & N.P.L. of 226 TH. ST.
T.P.	26.735					T.P. 1x1 E. side Funston

NOTES RED. JOB NO. 2087.34 SURVEY OF Clarkdale Ave. S.SD
DATE SURVEY BY D. Sappell
NOTES CHKD. NOTES BY D.S. DATE 4-5-59
DATE INDEXED C. Johnson DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	26.735					T.P.
+	5 247		4.902			
⊼	31.982	+0.334	+0.330		+0.3320	
−	4 913		4 572			
T.P.	27.069					T.P. 1x1 W. side Funston
+	5.332		5131			
⊼	32.401	+1.652	+1.654		+1.6530	
(Pd)	3.680		3477		28.726	
BM NZ 49	28.721				~~28.7315~~	BM NZ-49 El. 28.726 F.B. 1925-169 Funston Ave & 223 Rd. St., S.W. cor.-Bt. spk in 1st step to porch to Ho. # 22303 Funston Ave
						.7315 - .7260 = -.0055

JOB NO. 2087.34 SURVEY OF Clarkdale Ave. S.S.D. NOTES RED.
SURVEY BY D. Sappell DATE
NOTES BY D.S. DATE 2-5-59 NOTES CHKD.
INDEXED C. Johnson DATE DATE

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NOTES RED. JOB NO. 208734 SURVEY OF Clarkdale Ave - S.S.D. F. B. 2186 PG. 9
DATE SURVEY BY D. Sappell
NOTES CHKD. NOTES BY D.S. DATE 2-5-59
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768420 S & E-383 4-54

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	party: Sappell Shoemake Caro Lieber				Elev. based on L.A. Co. Engr. P.L.N. '52 Adj. Adj. 2-6-59 JS.	J.N. 208734 CLARKDALE AVE - S.S.D. BENCH LEVELS CIRCUIT NO 2.

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JOB NO. 2087.34 SURVEY OF · Clark dale Ave. NOTES RED. DATE
SURVEY BY D. Sapell NOTES CHKD.
NOTES BY D.S. DATE 2-5-59 DATE
INDEXED C. Johnson DATE
F.B. 2186 Pg. 10

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Fd) BM NZ 49	28.726				28.726	BM NZ 49 El. 28.726 F.B. 1923-169
+	3.228		3.099			Funston Ave & 223 Rd. St., S.W. cor.,
=	31.954	-2.095	-2.096		-2.0955	Bt. Spk in 1 ST step to porch to
−	5.323		5.195			No. # 22303 Funston Ave.
T.P.	26.631					T.P. Spk S. side 223 Rd.
+	4.704		4.814			
=	31.335	+0.484	+0.484		+0.4840	
(Set)	4.220		4.330		27.117	+002
BM NZ 84	27.115				~~27.1145~~	BM NZ 84 El. F.B. 2186-10
+	4.524		4.404			223 Rd St & Devlin Ave - N.E. cor - Bt
=	31.639	+0.392	+0.392		+0.3920	Spk in cb 4.5 E of E end C.R.
(Set)	4.132		4.012		27.510	+0035
BM NZ 85	27.507				~~27.5065~~	BM NZ 85 El. F.B. 2186-10
+	4.548		4.313			223 Rd St & Seine Ave - N.E. cor. - Bt
=	32.055	+0.310	+0.311		+0.3105	Spk in cb. 5' E. of E. end C.R.
(Set)	4.238		4.002		27.822	+0048
BM NZ 86	27.817				~~27.8170~~	BM NZ 86 El. F.B. 2186-10
+	4.533		4.400			223 Rd St & Violeta Ave - N.E. cor. -
=	32.350	+0.408	+0.408		+0.4080	Bt Spk in cb. 5' E. of E end C.R.
(Set)	4.125		3.992		28.231	+0059
BM NZ 87	28.225				~~28.2250~~	BM NZ 87 El. F.B. 2186-10
+	4.499		4.347	4.204		223 Rd St & Clarkdale Ave - N.E. cor. -
=	32.724	+0.365	+0.369	+0.368	+0.3685	Bt. Spk in cb. 5' E. of E. end C.R.
(Set)	4.124		3.978	3.836	~~28.601~~ ~~28.632~~ ~~28.5935~~	+.0071 D.S. 3-4-59
BM NZ 88	28.600					BM NZ 88 El. 28.601 F.B. 2186-10
+	4.632		4.788			223 Rd St & Arline Ave. - S.E. cor. - Bt
=	33.232	+0.315	+0.315		+0.3150	Spk in cb. 5' E. of E. end C.R.
−	4.317		4.473			
T.P.	28.915					T.P. 1x1 W. side Arline

(7)

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	B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	T.P.	28.915					T.P.
	+	4.998		5106			
	⊼	33.913	+1.600	+1.598		+1.5990	
	(Fd.)	3398		3508		30.5075	
(8)	BM NZ 17	30.515				30.517	BM NZ 17 El. 30.517 F.B. 1931-11
	+	3.525		3352			221 ST. ST. & Arline Ave. N.W. cor. - L&T.
	⊼	34.040	-1.043	-1.039			in bott step to Ho # 22025
	(Fd.)	4568		4391			
(9)	BM NZ 18	29.472				29.468	BM NZ 18 El. 29.468 F.B. 1931-11
							221 ST. ST. & Clarkdale Ave., S.E. Cor.
							Bt. Spk in walk to Ho # 11852
							+ .0095/8

NOTES RED. ____ JOB NO. 2087.34 SURVEY OF Clarkdale Ave
DATE ____ SURVEY BY D. Sappell
NOTES CHKD. ____ NOTES BY D.S. DATE 2-5-59
DATE ____ INDEXED C. Johnson DATE ____

F.B. 2186 PG. 11

F. B. 2186 Pg. 12

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

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

PWFB 0426

323

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

Survey of Clarkdale Ave. S.S.D. F. B. 2186 PG. 1
JN 2087.34 Tape 0112 Std. 68 °F
Surveyed by D. Sappell
Notes D.S. Date 2-59
Indexed A. C. Johnson 3-19-59

J.N. 2087.34

CLARKDALE AVE - S.S.D.

CENTER LINE

SURVEY

See Index pg 18

party: Sappell
Shoemaker
Cars
Lieber

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763098 CE #247—7-55

PWEB 0426

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DEVLIN AVE

SEINE AVE

VIOLETA AVE

CLARKDALE AVE

ARLINE AVE

PIONEER BLVD

223 RD ST

LOS COYOTES RANCHO

LOS ALAMITOS RANCHO

FOR ADDITIONAL NOTES SEE F.B. 193

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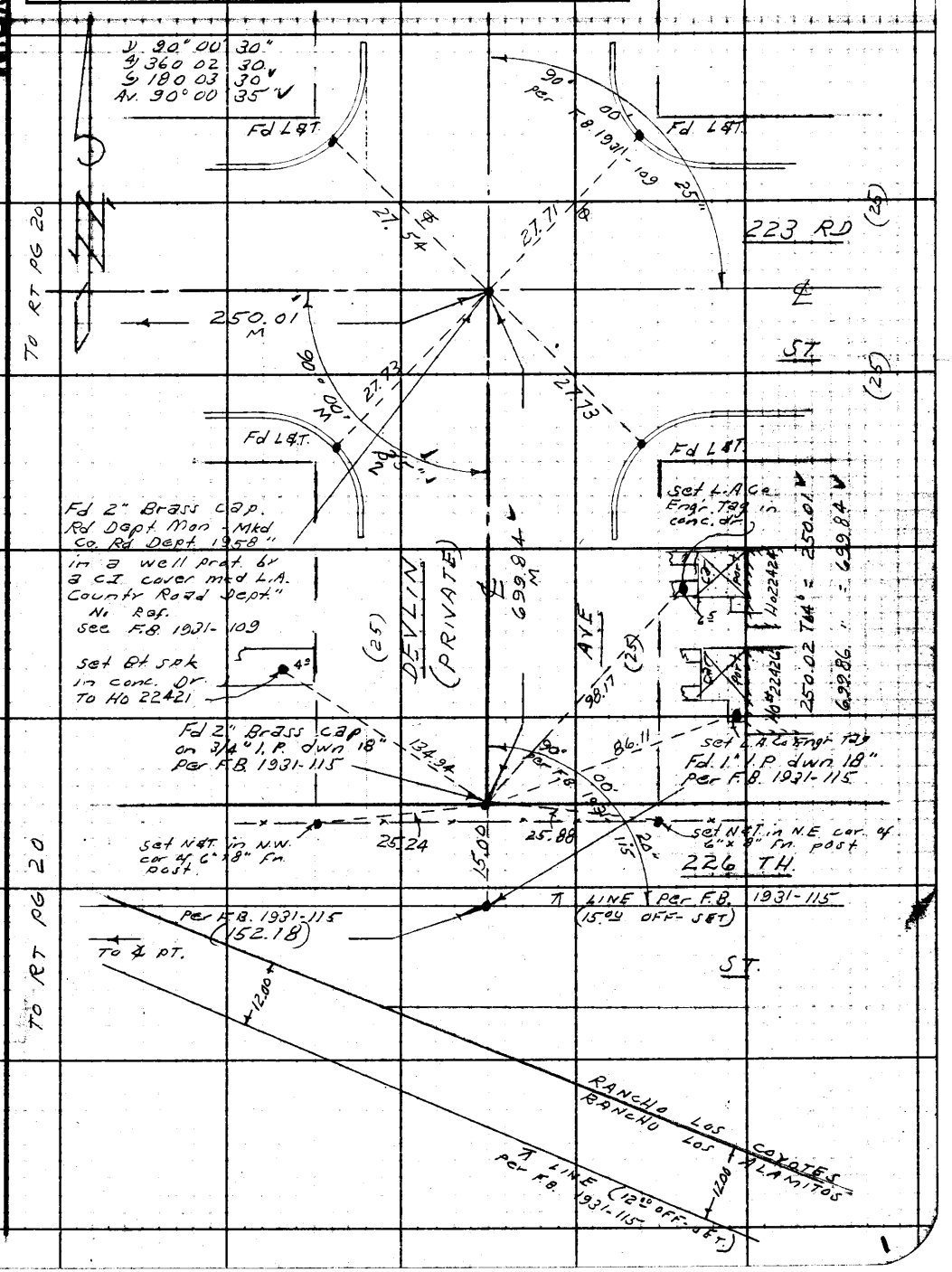
PWFB 0426 328 329

N.S.31,D-2

Notes Ck'd by H. E. AUSTIN	Survey of Clarkdale Ave - S.S.D.
Map No.	JN 2087.34 Tape 0112 Std 68 °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. Date 2-59
Date	Indexed C. Johnson

F. B. 2186 Pg. 19



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763098 CE #247—7-53

PWFB 0426

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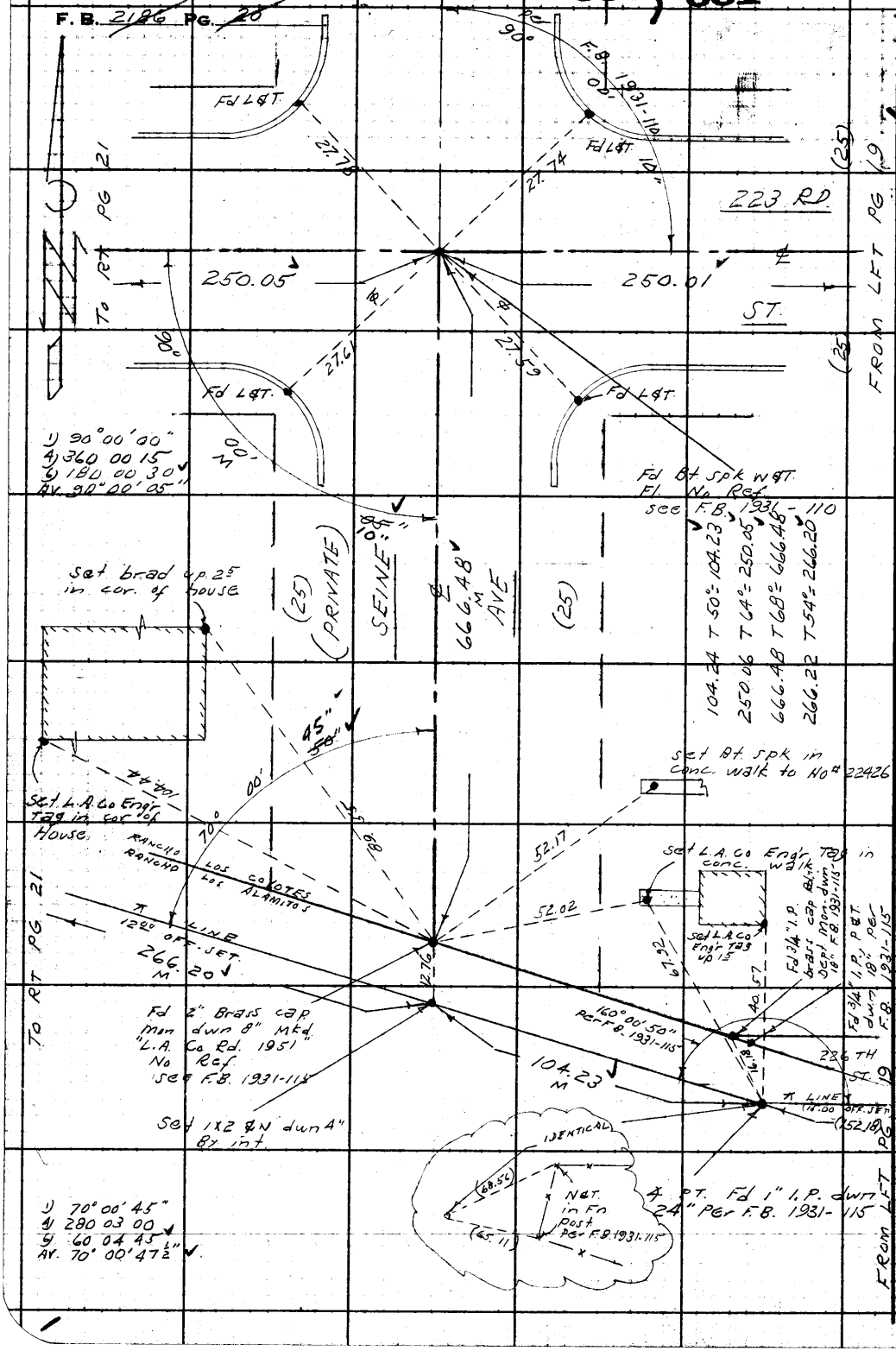
W.S. 31, D-2



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PWFB 0426

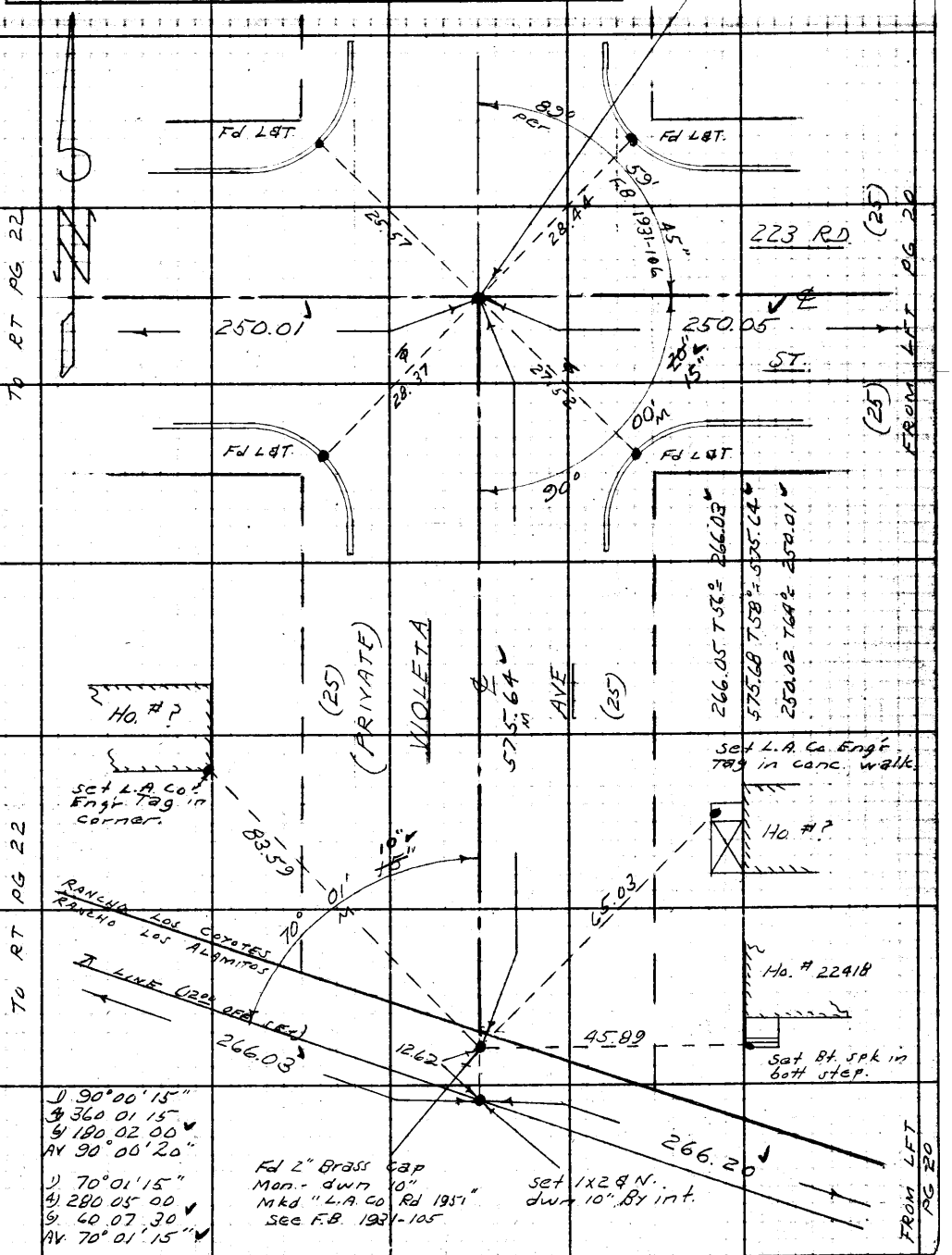
332 | 333

W.S. 31, D-2

Notes Ck'd by	Survey of Clarkdale Ave - S.S.D.
Map No.	JN 2087.34 Tape 0112 Std 68 °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. Date 2- -59
Date	Indexed [illegible] C. Joonson

F. B. 2186 PG. 21

Fd Bt. spk w & T
Fl. - No Ref.
See F.B. 1931-105



1) 90°00'15"
4) 360 01 15
6) 180 02 00
AV 90°00'20"

1) 70°01'15"
4) 280 05 00
6) 60 07 30
AV 70°01'15"

Fd 2" Brass Cap
Mon. - dwn 10"
Mkd "L.A. Co Rd 1951"
See F.B. 1931-105

Set 1x2 & N.
dwn 10" By int.

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763098 CE #247—7-53

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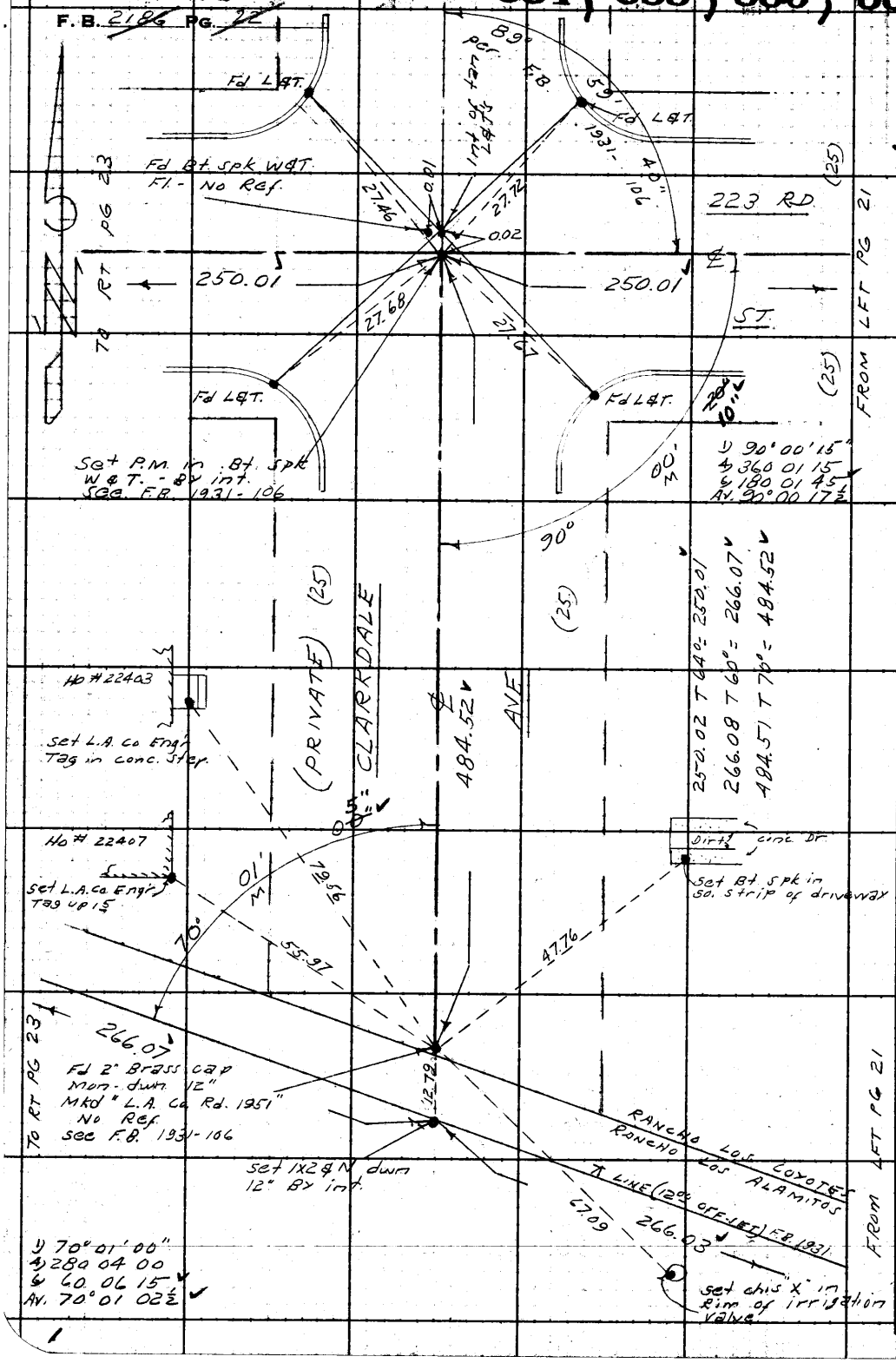
W.S. 31, C-2



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PWFB 0426 338, 339

W.S. 31, C-2

Notes Ck'd by H. E. AUSTIN	Survey of Clarkdale Ave - S.S.D.
Map No.	JN 208734 Tape 0112 Std 68 °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. Date 2-59
Date	Indexed C. Johnson

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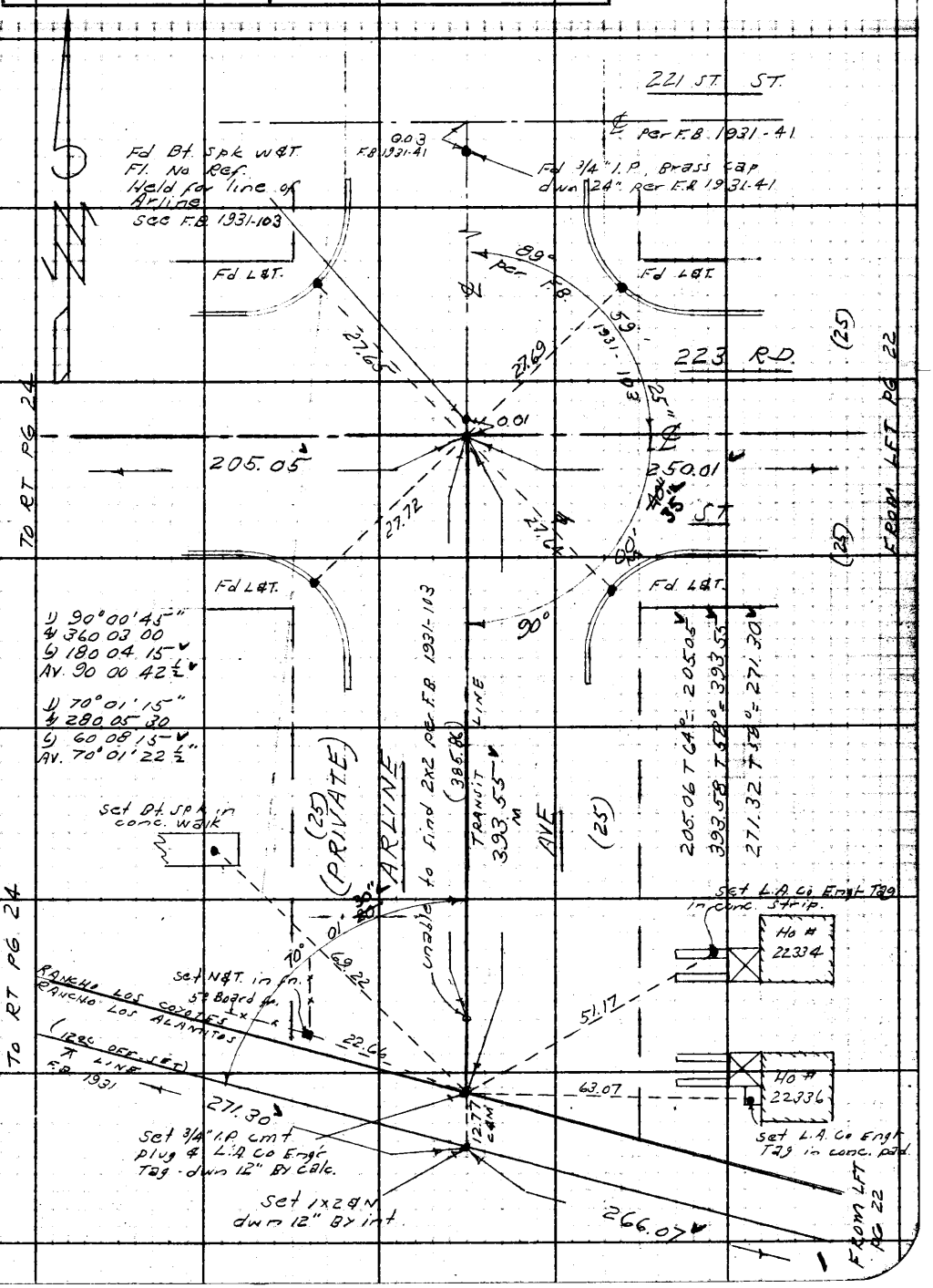

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763098 CE #247—7-53

PWB 0426

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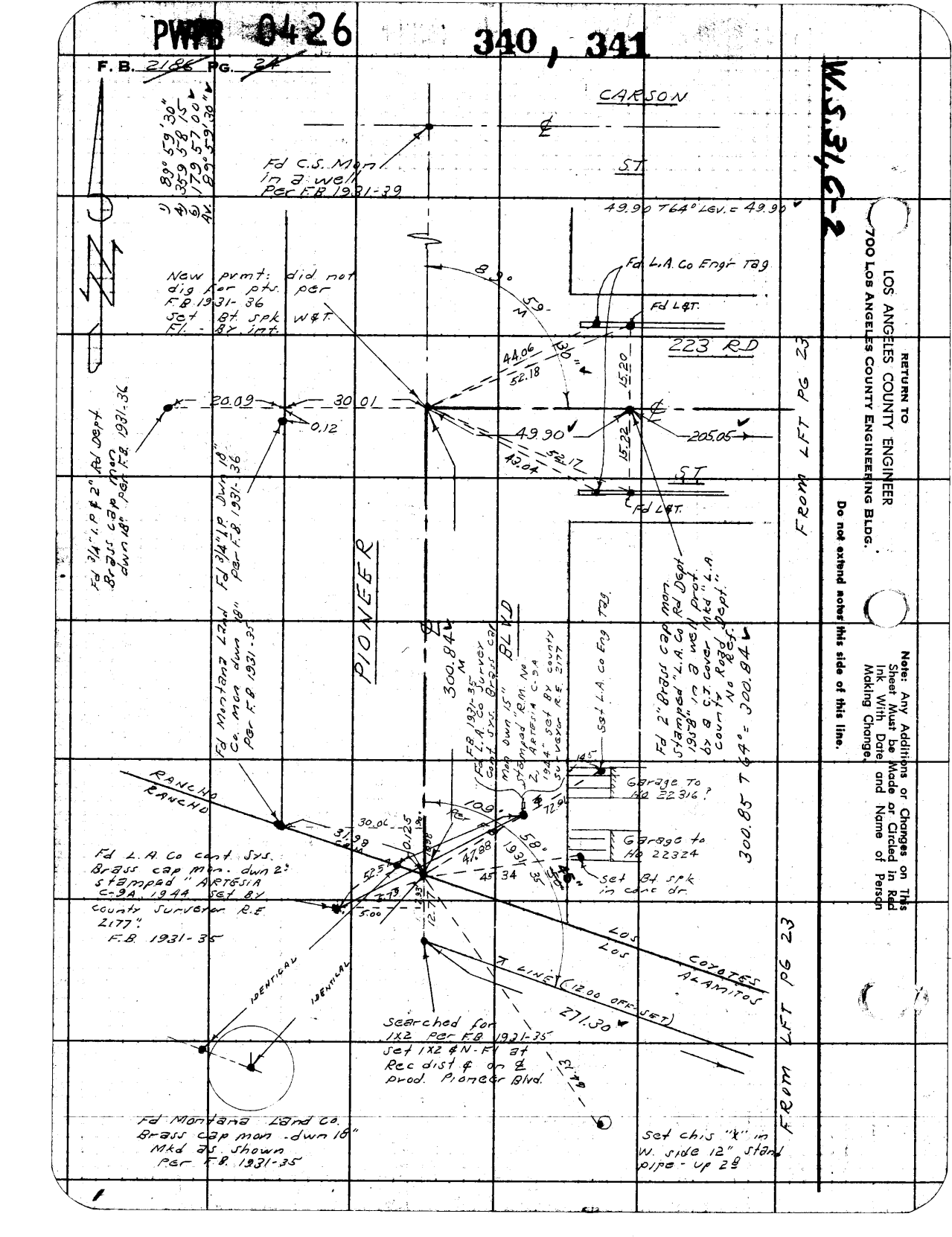

W.S.21-2

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Notes Ck'd by	Survey of Clarkdale Ave - S.S.D.
Map No.	JN 2087.34 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.T. & C.E.S. Date 2-24-59
Date	Indexed O. Johnson 3-19-59

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J.N. 2087.34

CLARKDALE AVE - S.S.D.

LOC. OF IMP.

OF

DEVLIN AVE

FROM

226 TH. ST. TO 221 ST. ST.

party: Sappell
Shoemaker
Caro
Lieber

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

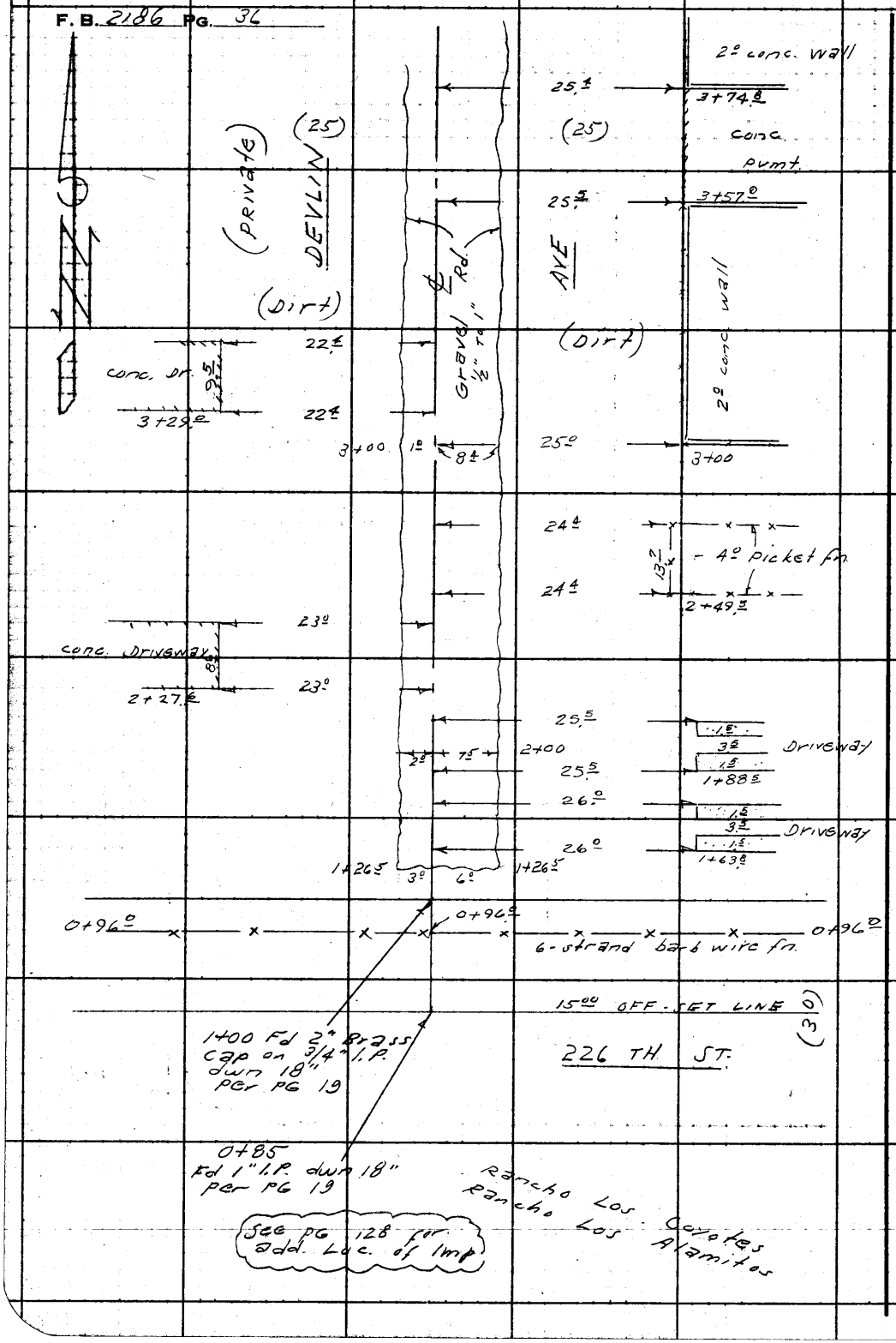
Do not extend notes this side of this line.

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

783098 CE #247—7-58

TO BOTT PG 37

F. B. 2186 PG. 36



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

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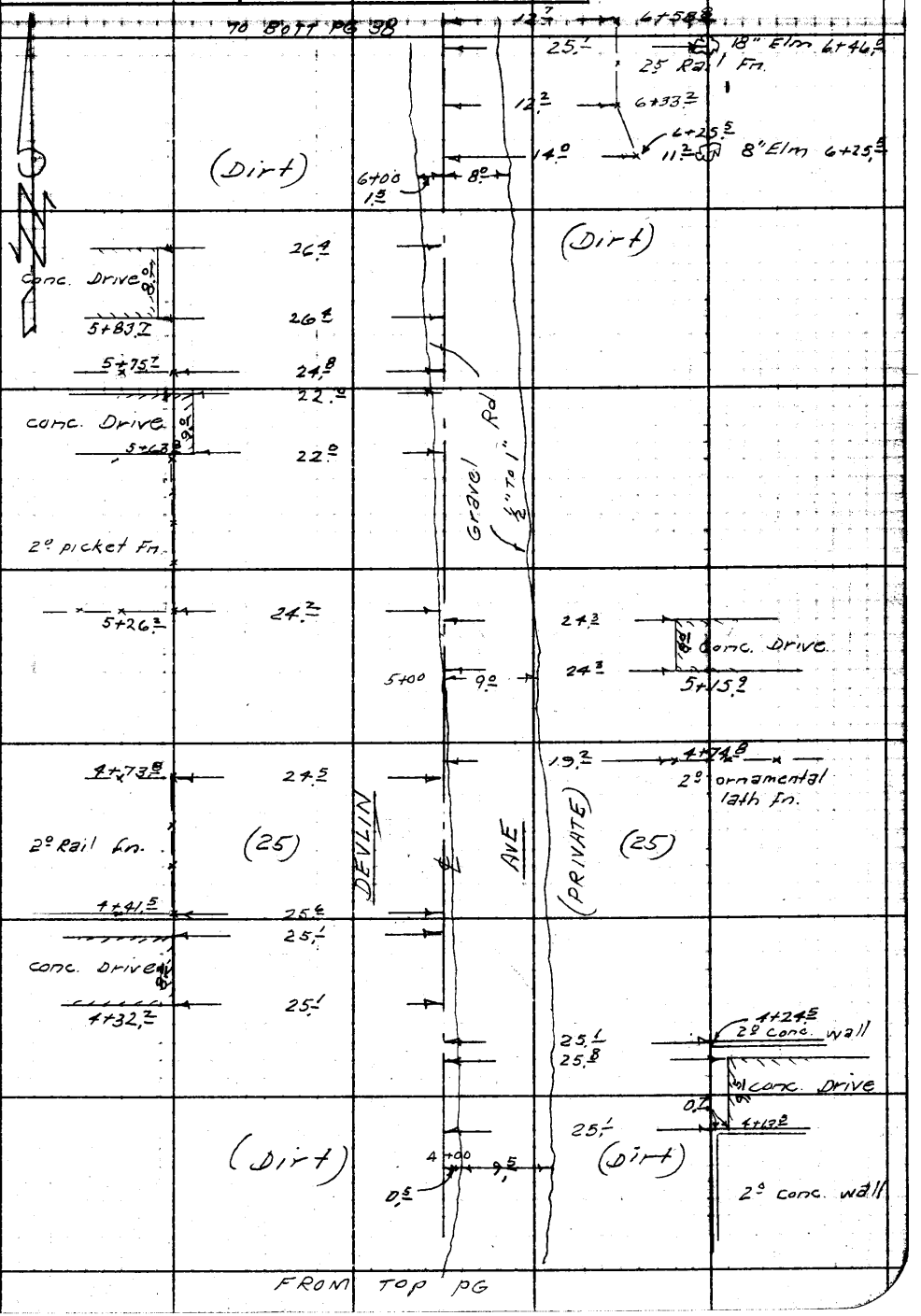
Notes Ck'd by	Survey of Clarkdale Ave - S.S.D.	F. B. 2186 PG. 37
Map No.	JN 2087.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 2-24-59	
Date	Indexed A. C. Johnson	



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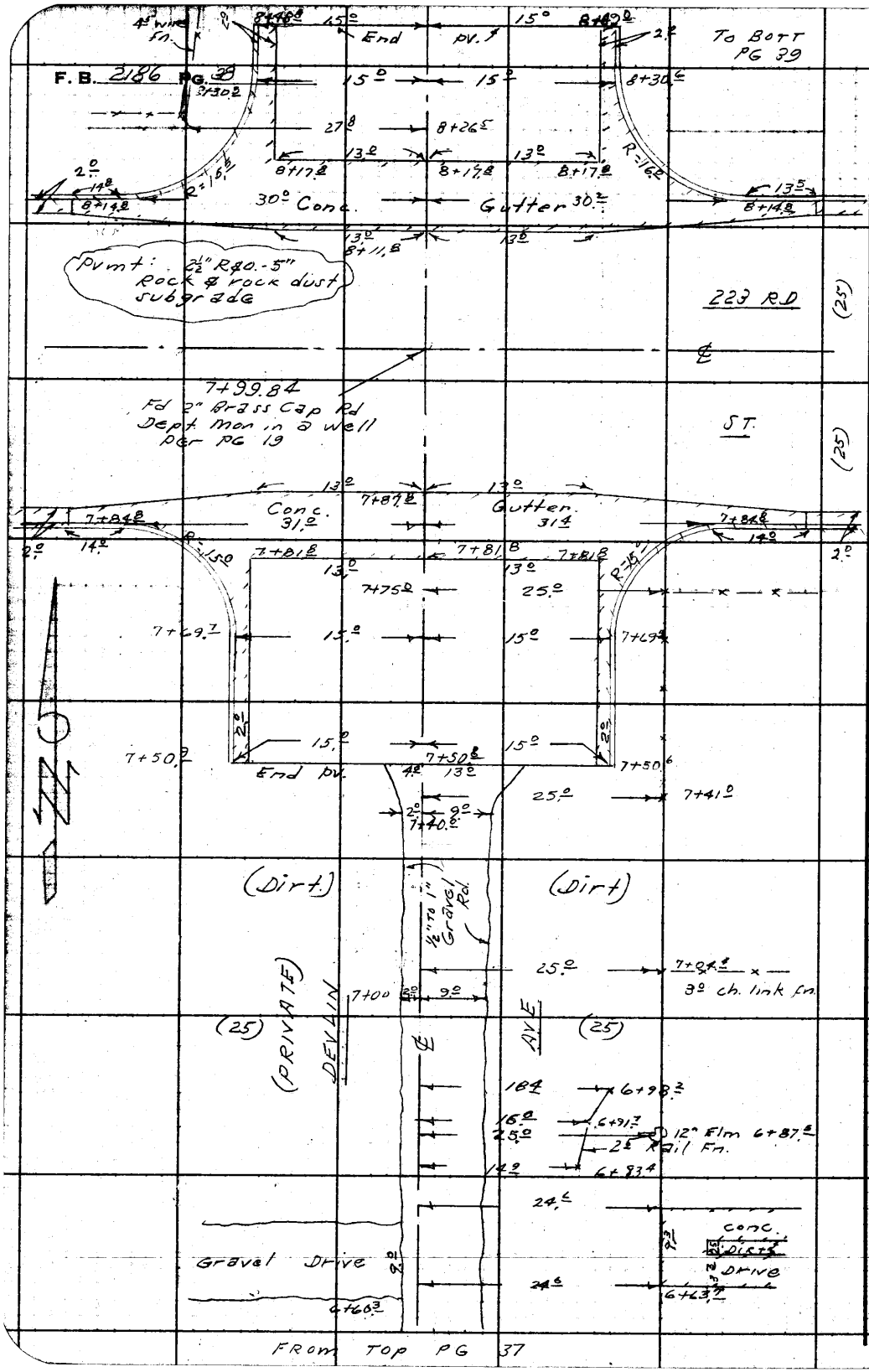
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-59



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

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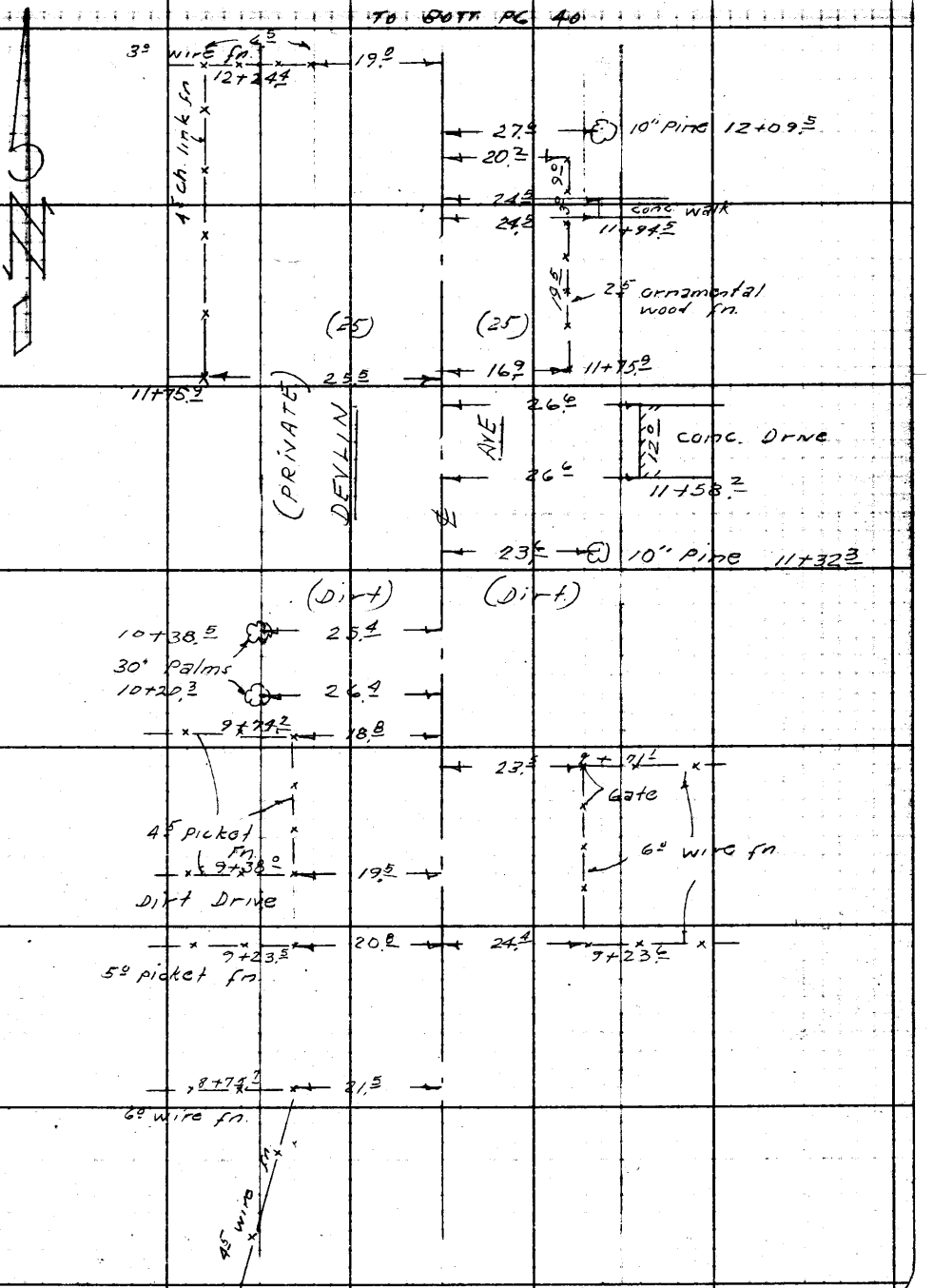
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Clarkdale Ave - S.S.D.
JN 2087.34 Tape Std °F
Surveyed by D. Sappell
Notes D.S. & C.F.S. Date 2-[illegible]-59
Indexed K. C. Johnson

F. B. 2186 PG. 39

TO BOTT PG 40



FROM TOP PG 38

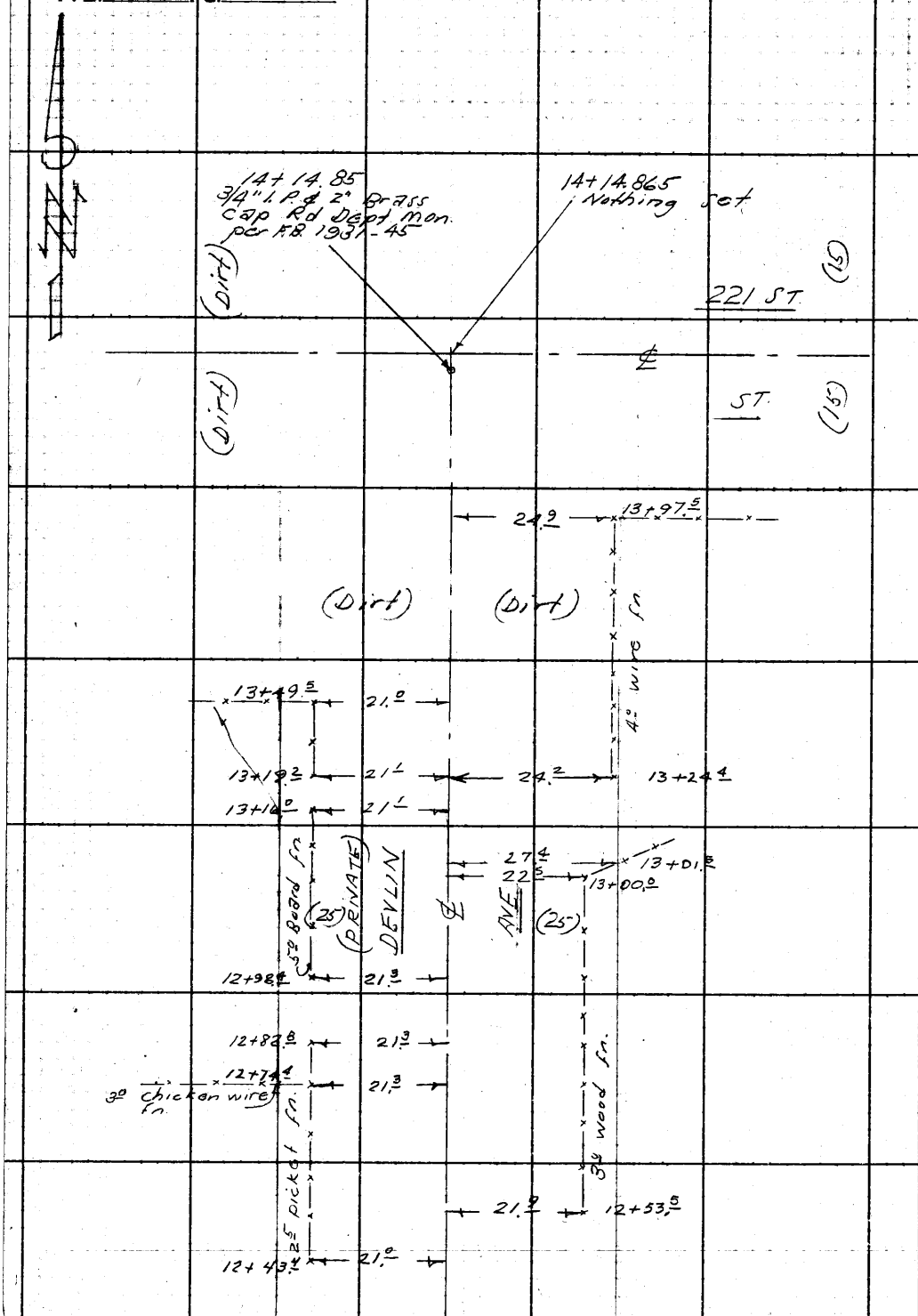
Note: Any Additions or Changes on This Sheet Must Be Made or Circled In Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76508 CE #247—7-58

F.B. 2186 PG. 40



FROM TOP PG 39

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

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F. B. 2186 Pg. 41

Profile No. ____ X-Sec. No. ____ | Notes Red. ____ Date ____ Notes Chkd. ____ Date ____ | Plotted ____ Date ____ Checked ____ Date ____ | Job No. 2087.34 Division No. 10 | Survey of Clarkdale Ave. S.S.D. | Survey by Sappell Notes D.S. Date 2-3-59 | Map No. ____ Indexed C. Johnson Date ____

JN. 2087.34

CLARKDALE AVE - S.S.D.

CROSS - SECTIONS

FROM

226 TH ST. TO 221 ST. ST.

ON

DEVLIN AVE

party: Sappell
Shoemaker
C&O
Ligler

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

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

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

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F. B. 2186 Pg. 42 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.D. Date Date No. X-Sec.
Survey by Sapsell Notes D.S. Notes Chkd. Checked
Indexed [redacted] Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 83				27 72	BM NZ 83 El. 27.722 F.B. 2186-7 Devlin Ave	
Sec pg 135 for 2nd El.					(W. side) 569'± S. of ℄ 223 Rd. St. - 8" spk in ctr.	
					of conc. drive to Ho #22421, 4° W. of E. end drive	
1+00				27 6	Int. ℄ Devlin ℄	N.P.L. 226 TH ST.
				27 8		25' R gnd
				27 7	25' L gnd.	
1+50				27 4		℄ Devlin
2+00				27 1		℄ "
				27 4		25 R gnd
			R30'	27 3	25 L gnd.	
2+50				27 2		℄ Devlin
3+00				27 1		℄ "
				27 5		25' R
			Lander	27 0	25' L	
3+42±				27 0	83' L	
				27 0	10 "	
				27 5	113" "	
3+43±				27 1	83" Top brk	
				26 6	95" bott "	
				27 5	110" Top "	
3+50				27 2		℄ Devlin

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+86.7				269	2.0 L Top brk	
				265	9.8 bott "	
				273	11.5 Top "	
3+87.7				270	9.8 " " To So.	
4+00				271		℄ Devlin
				272		25 R gnd
			Lenker	276		125 " Back lot line
				272	25 L gnd	
				275	125 " back lot line	
4+31.5				270		16 R Top brk [illegible]
4+34.5			Rod	270		15 R " "
				260		16.2 R bott
				270		17.5 R Top "
4+50				274		℄ Devlin
5+00				272		℄ "
				271		11.7 R Top brk
				264		13 bott "
				264		14.6 " " "
				274		15.2 " Top "
				275		25 " gnd
				274	25 L gnd	

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 43
No. ____ Date ____ Date ____ Survey of Clarkdale Ave. S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-3-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
5+09.4				272		12.5 Top brk
				266		13.7 bott "
				266		14.9 " "
				274		15.0 Top "
5+12.4				274		14.1 " " From So.
5+25.0				270	10.3 L Top brk From No.	
5+27.5				269	8' L Top brk.	
				258	9.0 L bott "	
			Lenker Rod	259	11.0 " " "	
				269	11.6 " Top "	
5+30.7				270		16 R gnd.
+41.0				270		11.5 " Top brk.
41.0				264		13.3 " bott "
41.0				272		15.0 " top "
5+50				274		℄ Devlin
+56				271	6.4 L Top brk.	
				262	8.3 " bott "	
				262	9.2 " " "	
				273	10.2 " Top "	
+58				271	8.5 " Top " from So.	
6+00				274		

F. B. 2186 Pg. 44 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
6+00				274		9^{6} R Top brk
				267		11^{7} " bott "
				272		13^{0} " Top "
				275		25 " gnd
				274	25^{1} L gnd	
T.P.			Leinker	2724	T.P.	
6+23				273		11^{3} R gnd (End ditch)
6+50				276		℄ Devlin
6+81				276		℄ " ℄ Top brk
"			Rod	272	4^{0} L bott brk.	
"				275	9 " Top "	
7+00				279		℄ Devlin
				278		11^{3} R Top brk
				272		13^{8} " bott "
				275		15^{3} " Top "
				274		25 " gnd
				279	1^{5} L Top brk	
				274	4^{5} " bott "	
				275	9^{0} " Top "	
				276	25 " gnd	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 205734 Division No. 10 F. B. 2186 Pg. 45
X-Sec. No. ____ Date ____ Date ____ Survey of Clarkdale Ave - SSD
Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-3-59
Date ____ Date ____ Map No. ____ Indexed G. Johnson

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+39.0				277		℄ Devlin
				278		7.5 R Top brk
				270		15.8 " bott "
				275		17.7 " Top "
				276	2.3 L Top brk	
				270	4.8 " bott "	
				272	10.4 " Top "	
7+50.6				2679		13 R cor conc. gutt.
				2664		15 " bott cb.
				2727		15 " Top " (End)
7+50.8			Lanker Rd	2708		℄ Devlin & Ed pv.
7+50.9				2682	13 L cor. conc. gutt.	
				2674	15 " bott cb.	
				2733	15 " Top " End	
7+69.5				2675		13 R Ed gutt.
				2667	bott cb	15 " S. end C.R. S.E. cor
				2725	Top "	15 " " " "
				273		25 " gnd
7+69.6				2707		℄ Devlin
7+69.7				2675	13 L Ed gutt.	
				2669	15 " bott cb. S. end C.R. S.W. cor.	
				2729	Top " " " "	

F. B. 2186 Pg. 46 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+69.7				270	25' L gnd.	
7+81.8				2668		13 R int Ed. gutters.
				2671	13 L int Ed gutters.	
7+84.8				2666		℄ Devlin F/L "X" gutt.
			Lenker Rod	2648	bott cb.	31.4 R E. end C.R. S.E. cor
				2710	Top "	31.4 " " "
				2665	31.0 L bott cb.	W. end C.R. S.W. cor.
				2725	31.0 " Top " "	" "
7+ 87.8				2668		13' R ∡ pt. "X" gutt.
				2676	13 L ∡ pt. "X" gutt.	
7+86.8				2654		45.4 R Ed gutt.
				2677	45.0 L Ed gutt.	
7+99.8				2703		℄ int Devlin & 223 Rd St
" "	= 0+00 going E. along ℄ of 223					
1+25 E				2679		℄ 223 Rd St.
				2652		13 R Ed gutt
				2638		15 " bott cb.
				2697		15 " Top "
				273		25 " P/L
				2652	13 L Ed. gutt	
				2641	15 " bott cb.	

Profile Notes Red. ____ Plotted ____ Job No. 208734 Division No. 10 F. B. 2186 PG. 47
No. ____ Date ____ Date ____ Survey of Clarkdale Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-3-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date

76298 S & E #307—7-55

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 2186 Pg. 48 Job No. 2067.34 Division No. 10 Notes Red. Plotted Profile
Survey of Burkdale Ave - U.J.D. Date Date No. X-Sec.
Survey by Sappell Notes D5 Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
1+25 E				2700	15 L Top cb.	
				279	25 " P/L	
8+11.8				26 72		& Devlin
				26 71		13 R & pt "X" gutt.
				2675	13 L & pt "X" gutt.	
8+12.8				2664		43.3 R Ed gutt.
				2683	44.8 L. Ed gutt.	
8+14.3				2667		& Devlin & F/L "X" gutt.
				2647	both cb.	30.3 R E end C.R. N.E. cor
			Lenker Road	2712	Top "	30.3 " " " "
				2663	30° L both cb W. end C.R. N.W. cor.	
				2724	30° " Top " "	" "
8+17.8				2671		& Devlin & Ed "X" gutt.
				2669		13° R. int Ed. gutters.
				2673	13° L int Ed gutters.	
8+80.3				2680	13 L Ed gutt.	
				2673	15 " both cb - N. end C.R. N.W. Cor	
				2729	15 " Top " "	" "
				276	25 " end	
8+30.6				2676		13 R Ed gutt
				2660	both cb.	15 " A. end C.R. N.E. Cor
				27.21	TOP "	15 " N " "

76298 S & E #307—7-55

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+30.6				27 49		25 R gnd
8+49.0				26 77		13 R Ed gutt. cor
				26 67		15 " bott cb.
				27 29		15 " Top " (End)
8+48.9				27 18		℄ Devlin & Ed pv.
8+48.8			Lanker	26 79	13 L Ed gutt (cor)	
				26 71	15 " bott cb. (End)	
				27 30	15 " Top "	
BM NZ84				27.13	BM NZ 84, El. 27.117,	F.B. 2186-10, 223 Rd. ft. &
			corr.	27 12	Devline - N.E. Cor. -	Bt. spk in cb., 4.5 E of
			Rod		E. end C.R.	
9+00				27 7		℄ Devlin
				27 4		13.3 R Top brk
				26 8		15.0 " bott "
				27 6		16.2 " Top "
				27 6		25 " gnd
				27 9	25' L gnd	
9+50				27 5		℄ Devlin
10+00				27 9		℄ " & Top brk.
				27 8		9.0 R Top brk.
				27 1		13.5 " bott "
				27 9		16.0 Top "

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 49
No. ____ Date ____ Date ____ Survey of Clark & Ale Ave. S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-3-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
10+00				276		25 R gnd
				273	5.0 L bott brk	
				278	9.7 " Top "	
				276	25 " gnd	
10+50				278		℄ Devlin
11+00				279		℄ "
				276		12.3 R gnd.
				276		25 "
				278		125 " Back lot Line
				274	5.3 L bott brk	
			Lenker Rod	280	9.7 " Top "	
				279	25 " gnd	
				283	125 " back lot line	
11+50				279		℄ Devlin
12+00				278		℄ "
				280		25 R gnd
				282	25 L gnd	
12+50				279		℄ Devlin
13+00				276		℄ "
				281		25 R gnd
				278	25 L gnd	
13+50				280		℄ Devlin
T.P.				27 95	T.P.	

F. B. 2186 PG. 50 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.		
14+00			Lanker Rod	281		℄ Devlin
				283		25' R gnd
				281	25' L gnd	
14+14.865				279		℄ int Devlin & 221 ST. ST.
				284		125' R gnd (221 ST. ST.)
B.M. NZ 21				2841	BM NZ 21 El. 28.407, F.B. 1931-12, Devlin Ave (W. side) 75'± N. of N. P.L. of 221 ST ST - Et Spk in walk to Ho	#22023

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 51
No. ____ Date ____ Date ____ Survey of Clarkdale Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes P.S. Date 3-3-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. John[illegible]

F. B. 2186 Pg. 52

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76298 S & E #307—7-55

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LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

Survey of Clarkdale Ave - S.S.D. F. B. 2186 Pg. 53
JN 208734 Tape Std °F
Surveyed by J. Sappell
Notes C.E. Shoemaker Date 2-20-59
Indexed ~~A. G. Johnson~~ 3-13-59

J.N. 2087.34

CLARKDALE AVE. - S.S.D.

LOC. OF IMP.

OF

SEINE AVE

FROM

S'LY LINE RANCHO LOS COYOTES TO 221 ST. ST.

party: Sappell
Shoemaker
C2-0
Lieber

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

Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B. 2186 PG. 54

To BOTT PG 55

2+41.0 — 24.5 →

2+29.0 — 25 →

Row of 18-½" Roses

48 Woven Wire Fn

2+02.5 — 25 →

Dirt Dr. 63° 10'

1+91.7 — 24.5 →

Dirt Dr. 10°

1+80.0

1+78.5 — 25.0 →

(25) SEINE ℄ AVE (PRIVATE) (25)

2.0 Lath Fn

1+46.0 — 25.0 →

Dirt Dr. 10°

1+32.0

(Dirt) (Dirt)

Rancho Rancho Los Coyotes Los Alamitos

12.00 OFF-SET

See PG 129 for Add. Loc. of Imp.

Dirt Dr. 0+95.0

1+00 Fd 2" Brass Cap Mon - dwn 8" Mkd "L.A. Co. Rd. 1951" per Pg 20

0+87.24 Fd 1X2 ⊗N dwn 4" per PG 20

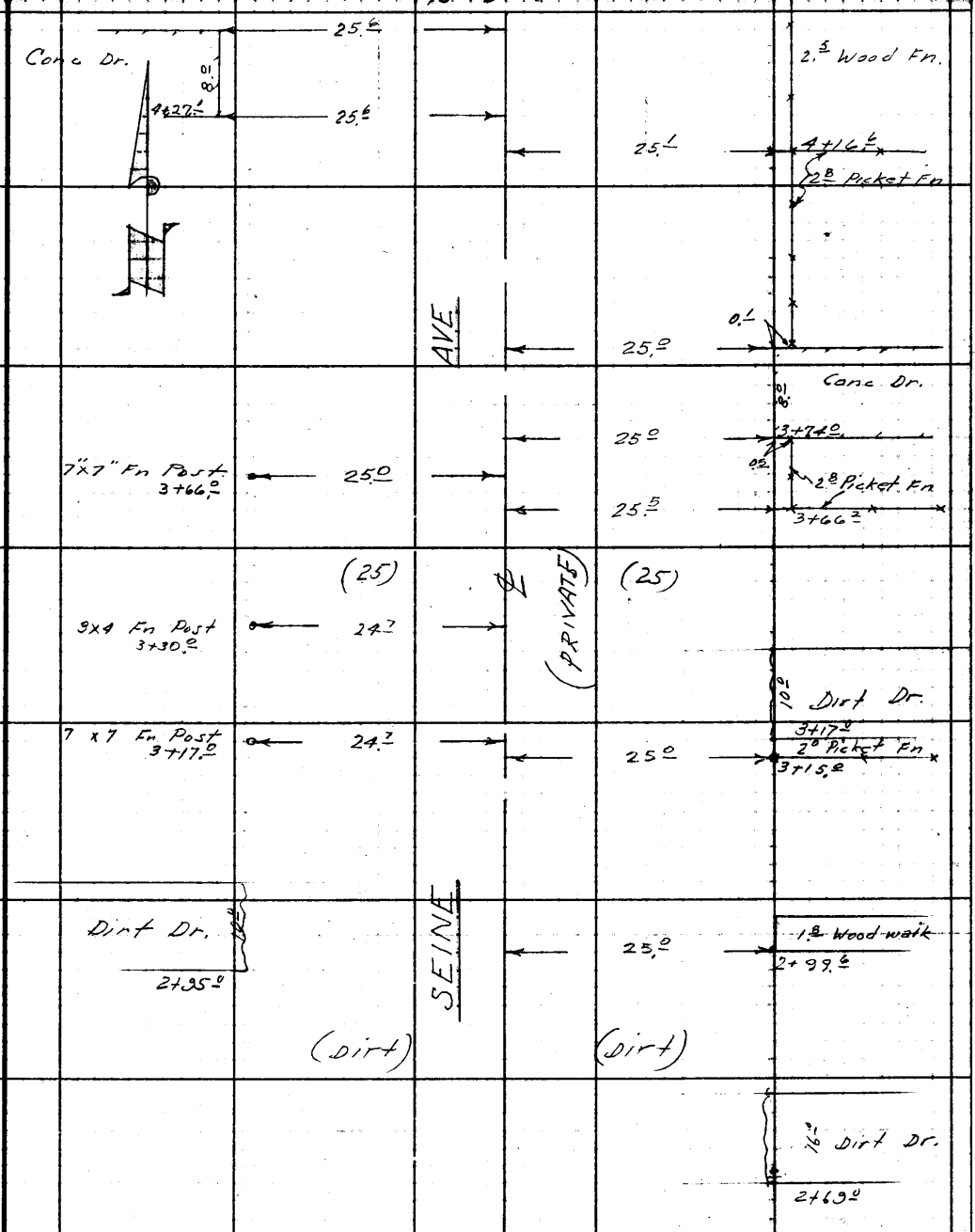
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Clarkdale Ave. S.S.D.	F. B. 2186 PG. 55
Map No.	JN 208734 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes C.E. Shoemaker Date 2-20-59	
Date	Indexed A. C. Johnson	

To BOTE PG. 56



FROM TOP PG 54

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

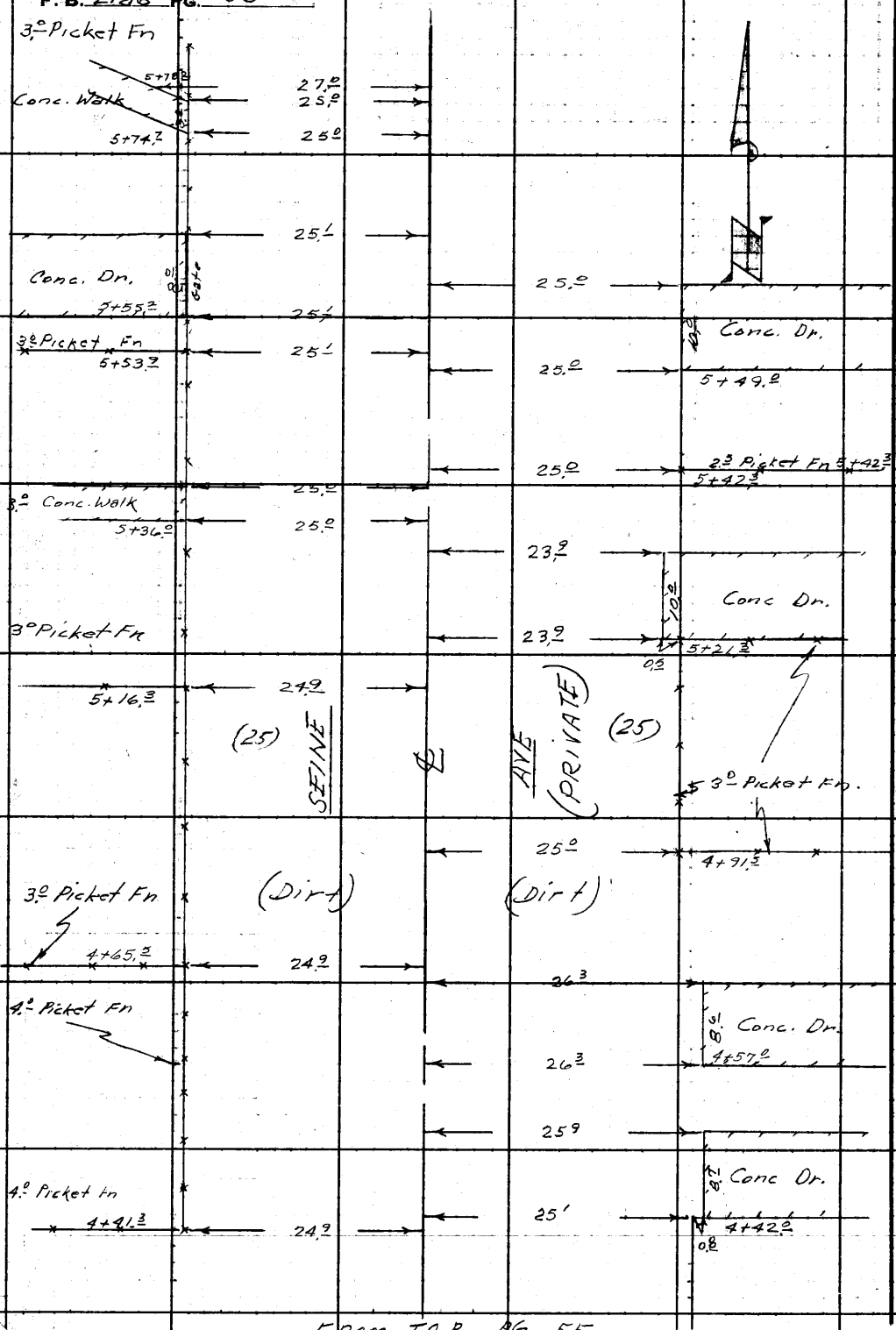
Do not extend notes this side of this line.

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

763098 CE #247 7-59

TO BOTT PG 57

F. B. 2196 PG. 56



FROM TOP PG 55

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

Do not extend notes this side of this line.

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

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

Survey of Clarkdale Ave - JSD
JN 2087.34 Tape Std °F
Surveyed by D. Sappell
Notes C.F. Thermake Date 2-20-59
Indexed A. C. Johnson

F. B. 2186 PG. 57

To Bk H PG 58

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

Do not extend notes this side of this line.

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

763098 CE #247—7-58

3.5 Picket Fn

C + 91.8

26.8

AVE

25.4

25.4

6+82.6

2.0 Conc. Dr.

25.4

C + 74.3

(25)

SEINE

℄

(PRIVATE)

(25)

3.5 Picket Fn

C + 41.4

25.0

25.2

C + 41.0

2.6 Picket Fn

(Dirt)

(Dirt)

Picket Fn.

3.5 Picket Fn

5+91.2

25.0

3.0 Picket Fn

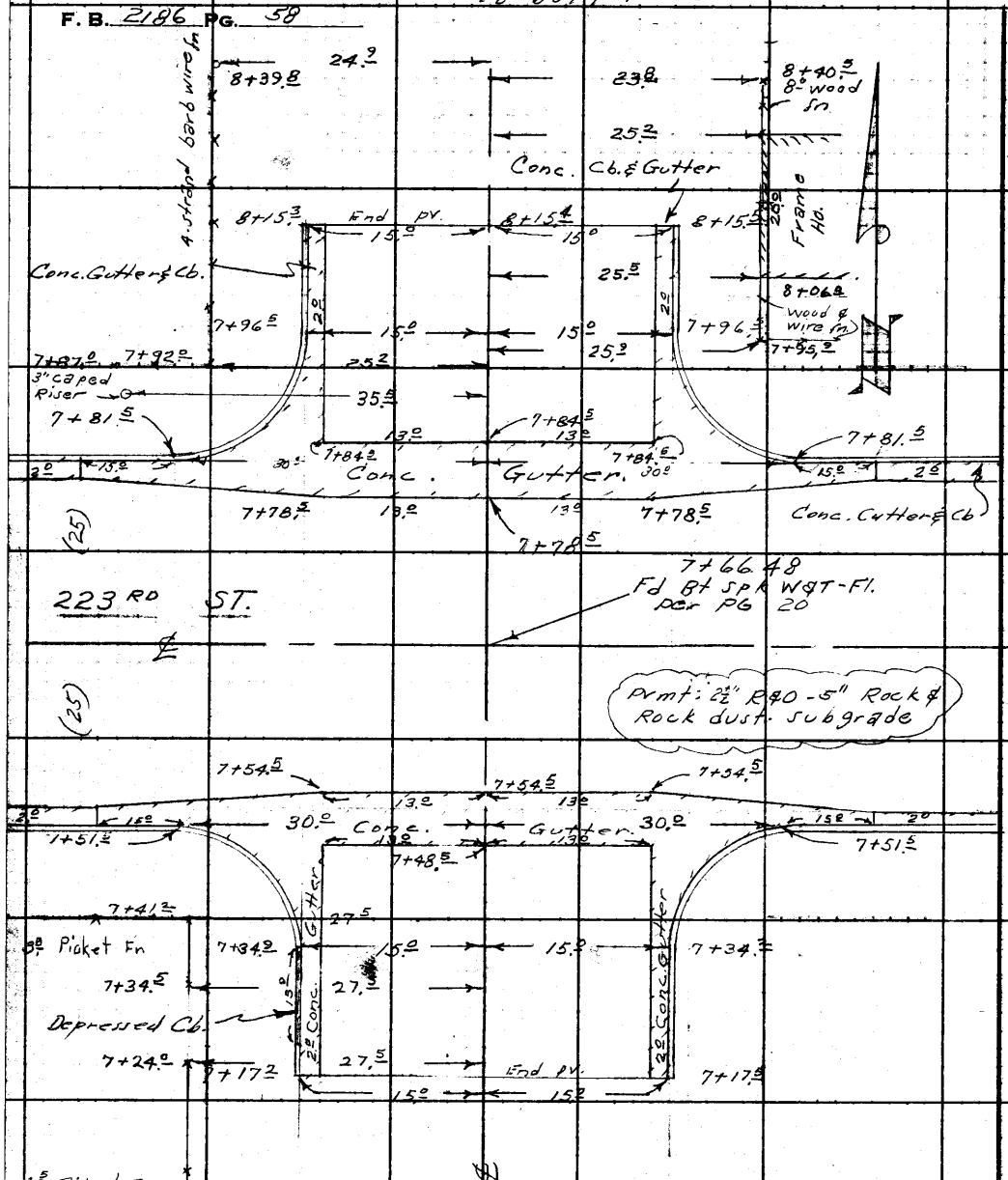
24.8

5+85.4

FROM TOP PG 56

To Bk T PG 59

F. B. 2186 PG. 58



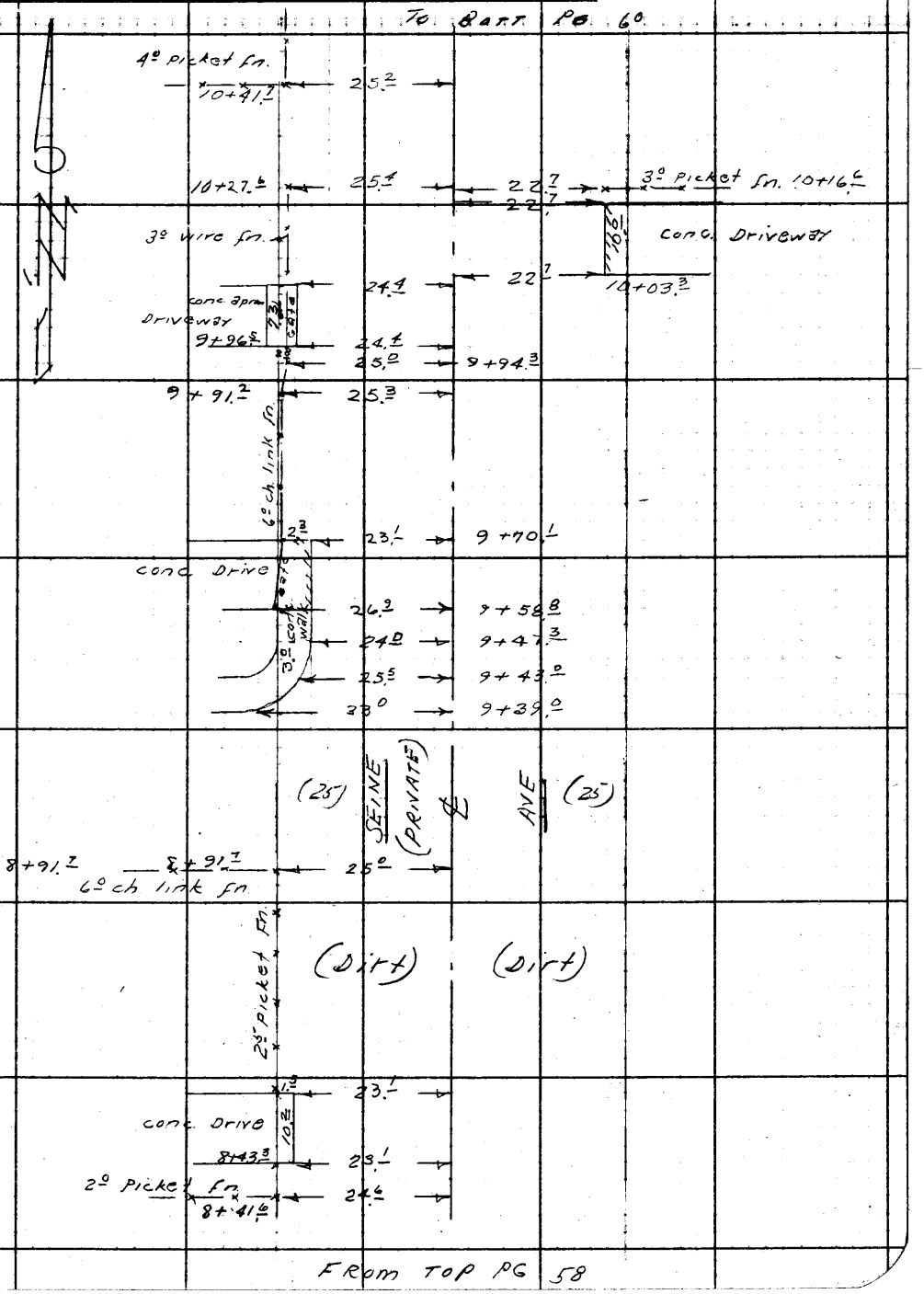
From Top PG 57

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Clarkdale Ave- SSD	F. B. 2186 PG. 59
Map No.	JN 208734 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 2-59	
Date	Indexed A. C. Johnson	



From Top Pg 58

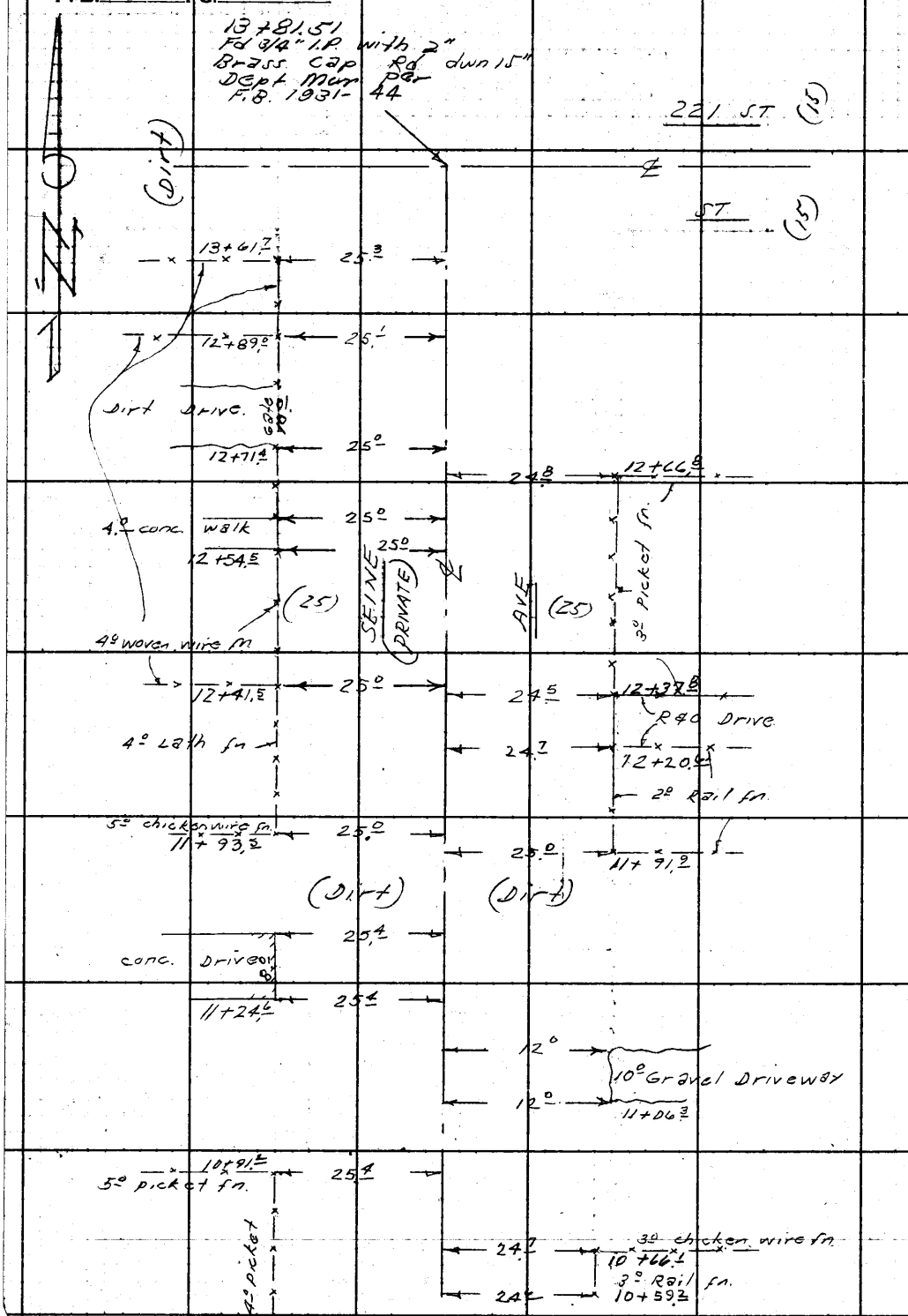
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-53

F.B. 2186 PG. 60



FROM TOP PG 59

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

Do not extend notes this side of this line.

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

Profile No. | Notes Red. | Plotted | Date | Job No. 2087.34 | Division No. 10 | F. B. 2186 | Pg. 61

X-Sec. No. | Notes Chkd. | Checked | Date | Survey of Clarkdale Ave - S.S.D.

Survey by Sappell | Notes D.S | Date 3-3-59 | Map No. | Indexed C. Johnson

JN 2087.34

CLARKDALE AVE - S.S.D.

CROSS - SECTIONS

OF

SEINE AVE

FROM

S'LY LINE RANCHO LOS COYOTES TO 221 ST ST

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

Party: Sappell
Shoemaker
Caro
Lieber

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

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

Do not extend notes this side of this line.

76298 S & E #307—7-55

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

F. B. 2186 Pg. 62 | Job No. 248734 Division No. 10 | Notes Red. | Plotted | Profile
Survey of Clarkdale Ave. - S. J. C. | Date | Date | No.
Survey by Sappell Notes D.S. | Notes Chkd. | Checked | X-Sec.
Indexed C. Johnson Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 82				2755	BM NZ 82, El 27.552 F.B. 2186-7, Seine Ave (E. side) 639'± So. of ℄ of 223 Rd St. - BY Spk in conc. walk to Ho# 22426, 4° E. of W. end walk.	
1400				274	Int. ℄ Seine ℄ S'ly Line Rancho Los Coyotes.	
(see pg 136 for 2nd Sta.)				276		7.5 R Top brk
				269		13.5 " both "
				273		18.9 " Top "
				274		25' R
			Lenker Rod	273	9° L Top brk	
				269	12° " both "	
				276	16.5 " Top "	
				276	25' " gnd	
1450				277		℄ Seine
2400				274		℄ "
				272		10.5 R Top brk
				269		11.5 " both "
				272		13° " Top "
				273		25 " gnd
				273	8° L Top brk	
				270	11° " both "	
				273	14.2 " Top "	
				272	25' " gnd	

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
2+50				272		℄ Seine
3+00				274		℄ "
				275		25 R gnd
				273	8.5 L Top brk	
				269	11.5 " bott "	
			Lenker Rod	274	17.3 " Top "	
				274	25 " gnd	
3+50				276		℄ Seine
4+00				277		℄ "
				274		25 R gnd
				277		125 " back lot line
				275	8.5 L Top brk	
				269	12.3 " bott "	
				274	16.5 " Top "	
				278	25 " gnd	
/				278	125 " back lot line	
4+50				276		℄ Seine
5+00				275		℄ "
				274		25 R gnd
—				275	25 L gnd	
5+50				276		℄ Seine

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 63
No. ____ Date ____ Date ____ Survey of Clarkdale Ave. S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-3-59
No. ____ Date ____ Date ____ Map No. ____ Index No. C. Johnson Date ____

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
5+63°				277		21° R Top brk from N.
5+64°				277		20 R Top brk.
				269		21° " bott "
				274		22° " Top "
6+00				277		℄ Seine
				275		11.5 R Top brk
				270		14.2 " bott "
				276		25° " Top "
			Lenker Rod	276	25° L gnd	
6+50				278		℄ Seine
7+00				278		℄ "
				275		9° R Top brk
				270		15.3 " bott "
				273		16.5 " Top "
				277		25 " gnd
				275	25° L gnd	
TP.				2785	TP.	
7+17.2				2717	13' L cor conc. gutt.	
				2706	15 " bott cb.	
				2766	15 " Top " (End)	
7+17.3				2749		℄ Seine - Ed pv.

F. B. 2186 Pg. 64 Job No. 2087.24 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+17.5				27 10		13 R cor conc gutt
				26 96		15 " bott cb. (End)
				27 57		15 " Top "
7+34.3			Lenker Rod	27 12		13 " Ed gutt.
				27 05	bott cb.	15 " S. end C.R. S.E. Cor.
				27 65	Top "	15 " " " "
				27 8		25 " gnd.
7+ – 34.5				27 45		℄ Seine
				27 15	13 L Ed gutt.	
				27 12	15 " bott cb. S. end C.R. S.W. Cor.	
		Depressed cb.		—	15 " Top " "	" "
				27 6	25 " gnd	
7+48.5				27 07		℄ Seine
				27 04		13° R int Ed gutters.
				27 12	13° L int ed of gutters.	
7+51.5				27 05		℄ Seine - F/L "X" gutter
				26 86	bott. cb.	30' R E. end C.R. S.E. Cor.
				27 49	Top "	30' " " "
				27 01	30' L bott cb - W. end C.R. S.W. Cor.	
				27 62	30 " Top " - "	" "
7+ 54.5				27 09		℄ Seine - Ed "X" gutter

Profile Notes Red. ____ Plotted ____ Job No. 208734 Division No. 10 F. B. 2186 Pg. 65
No. ____ Date ____ Date ____ Survey of Clarkdale Ave. S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sanpell Notes D.S. Date 3-3-59
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+54.5				27 06		13 R ∡ pt. Ed gutt.
				27 14	13' L ∡ pt. Ed gutt.	
7+66.48				27 39		℄ int Seine Ave & 223 Rd ST.
" "	= 0+00 going E & W along the ℄ of 223 Rd. ST.					
0+45 E				26 94		13' R ∡ pt. Ed gutt.
				26 97	13' L ∡ pt. Ed gutt.	
1+25 E				27 15		℄ 223 RD.
				26 90		13 R Ed gutt.
				26 76		15 " bott cb.
				27 35		15 " Top "
				27 7		25 " P/L
			Lenker Rod	26 92	13 L Ed gutt.	
				26 78	15 " bott cb.	
				27 36	15 " Top "	
				27 7	25 " P/L	
0+45 W				27 13		13' R ∡ pt. Ed. gutt.
				27 09	13' L ∡ pt. Ed gutt.	
7+78.5				27 07		℄ Seine
				27 07		13° R ∡ pt. Ed "x" gutt.
				27 11	13° L ∡ pt. Ed "x" gutt.	
7+81.5				27 05		℄ Seine F/L " "

F. B. 2186 PG. 66 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+81.5				26 85	bott cb	45 R, E. end C.R. NE cor.
				27 51	Top "	45 " " " "
				27 02	45 L bott cb. - W. end C.R. N.W. cor.	
				27 61	45 " Top " - "	" " "
7+84.5			Lenker Rod	27 11		℄ Seine - Ed "X" gutt.
				27 09		13° R. Int. Ed gutters.
				27 11	13° L int Ed gutters.	
7+96.5				27 49		℄ Seine
				27 12		13 R Ed gutt
				27 06		15 " bott cb.
				27 66		15 " Top "
				28 0		25 " gnd
				27 18	13 L Ed gutt.	
				27 06	15 " bott cb.	
				27 66	15 " Top "	
				27 6	25 " gnd	
BM NZ 85				27 51	BM NZ 85 El. 27.510, F.B. 2186-10, 223 RD ST. & Seine Ave. - N.E. cor. - Bt spk in cb. 5° E. of E. end C.R.	
8+15.3				27 23	13 L cor conc gutt	
				27 15	15 " bott cb.	
				27 66	15 " Top " (End.)	

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 67
No. ____ Date ____ Date ____ Survey of Clarkdale Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-3-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+15.4				27 52		℄ Seine (Ed pv.)
				27 16		13 R cor gutt.
				27 06		15 " bott cb.
				27 67		15 " Top " (End)
8+50				27 5		℄ Seine
T.P.				27 66	T.P.	
9+00				27 4		℄ Seine
				27 6		25 R gnd.
				27 6	25' L gnd.	
9+50			Lenker Rod	27 9		℄ Seine
10+00				27 8		℄ "
				27 8		25' R gnd
				28 4	25' L gnd.	
10+50				27 9		℄ Seine
11+00				28 2		℄ "
				28 4		25 R gnd
				28 3		125 " back lot line
				28 2	25 L gnd	
				28 7	125 " back lot line	
11+50				28 5		℄ Seine
12+00				28 6		℄ "

F. B. 2186 Pg. 68 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
12+00				28 2		25'R gnd
				28 5	25'L gnd	
12+50				28 3		℄ Seine
13+00			Lenker Rod	28 3		℄ "
				28 0		25° R gnd
				28 5	25° L gnd	
T.P.				28 15	T.P.	
13+50				28 2		℄ Seine
13 +67.5				28 0		25'R gnd
				28 1	25'L gnd.	
13+81.51				28 1	PG 60	℄ int Seine Ave & 221 ST.
T.P.				27 92	T.P.	
BMNZ-21				28 41	BM NZ-21 El 28.407 F.B. 1931-12 Devline Ave (W. side) 75'± N. of N.P.L of 221 ST. ST. - Bt. Spk in walk to Ho # 22023	
					(Note: B.M. NZ 20 out.)	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 69
X-Sec. No. ____ Date ____ Date ____ Survey of Clarkdale Ave - S.S.D
Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-3-59
Date ____ Date ____ Map No. ____ Indexed C. John Date

F. B. 2186 Pg. 70

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

76298 S & E #307—7-55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Clarkdale Ave. S.S.D. F.B. 2186 Pg. 71
Map No.	JN 208734 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. & C.E.S. Date 2-59
Date	Indexed 2-19-59

J.N. 208734

CLARKDALE AVE - S.S.D.

LOC. OF IMP.

OF

VIOLETA AVE

FROM

S'LY LINE RANCHO LOS COYOTES TO 221 ST. ST.

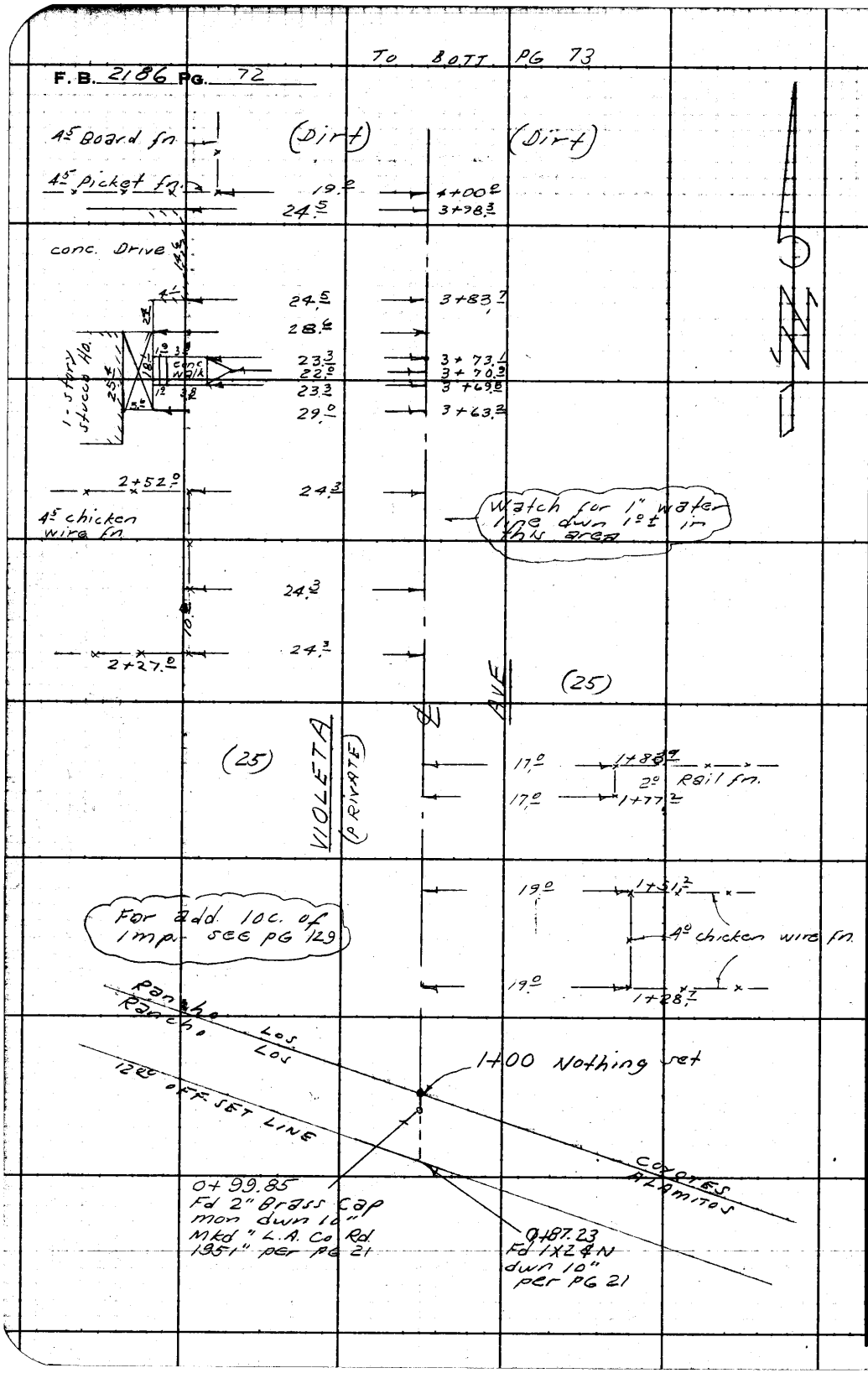
party: Sappell
Shoemaker
car 0
Lieber

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

Do not extend notes this side of this line.

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

763098 CE #247—7-55

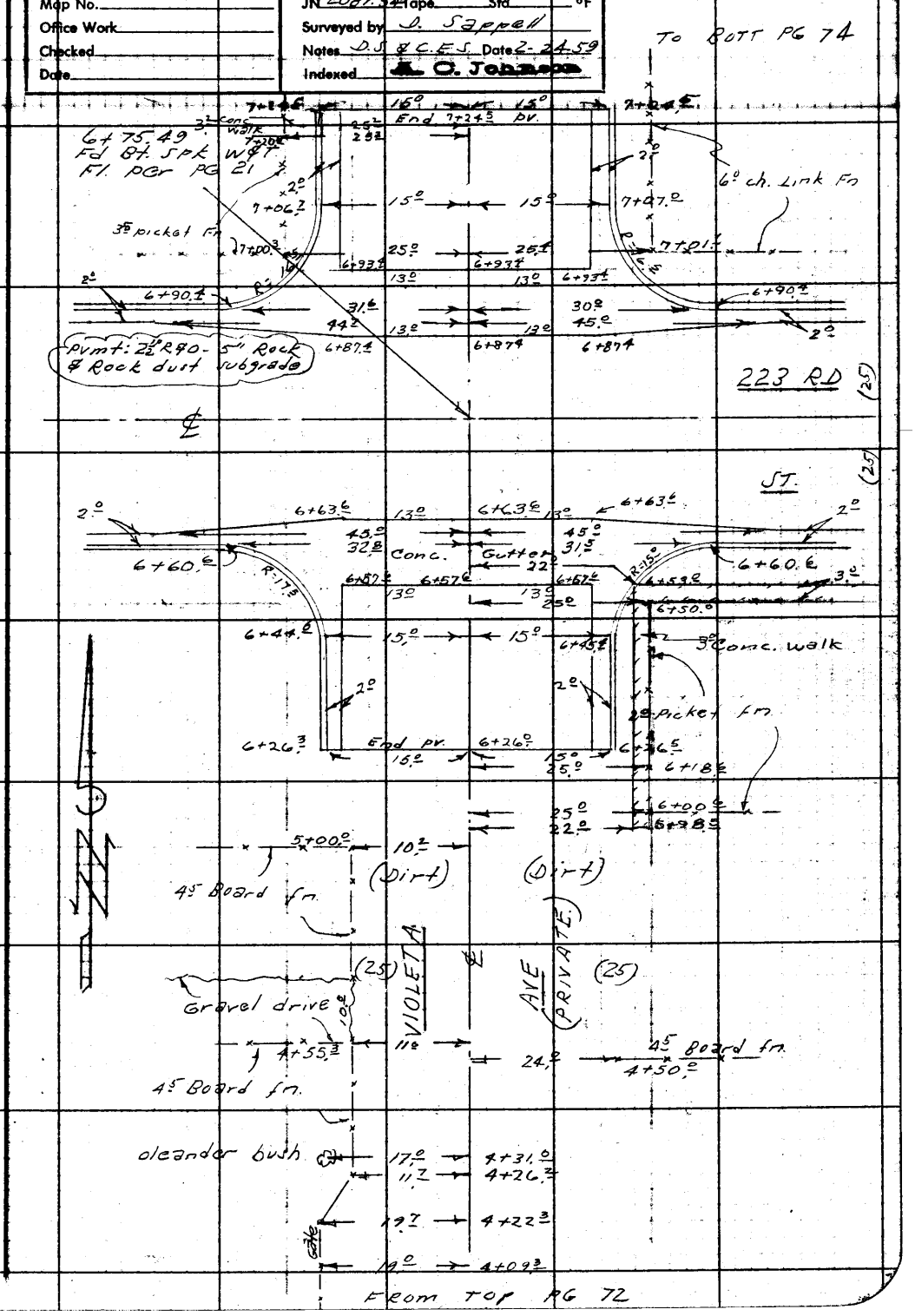


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Clarkdale Ave. S.S.D.	F. B. 2186 Pg. 73
Map No.	JN 2087.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 2-24-59	
Date	Indexed A. C. Johnson	



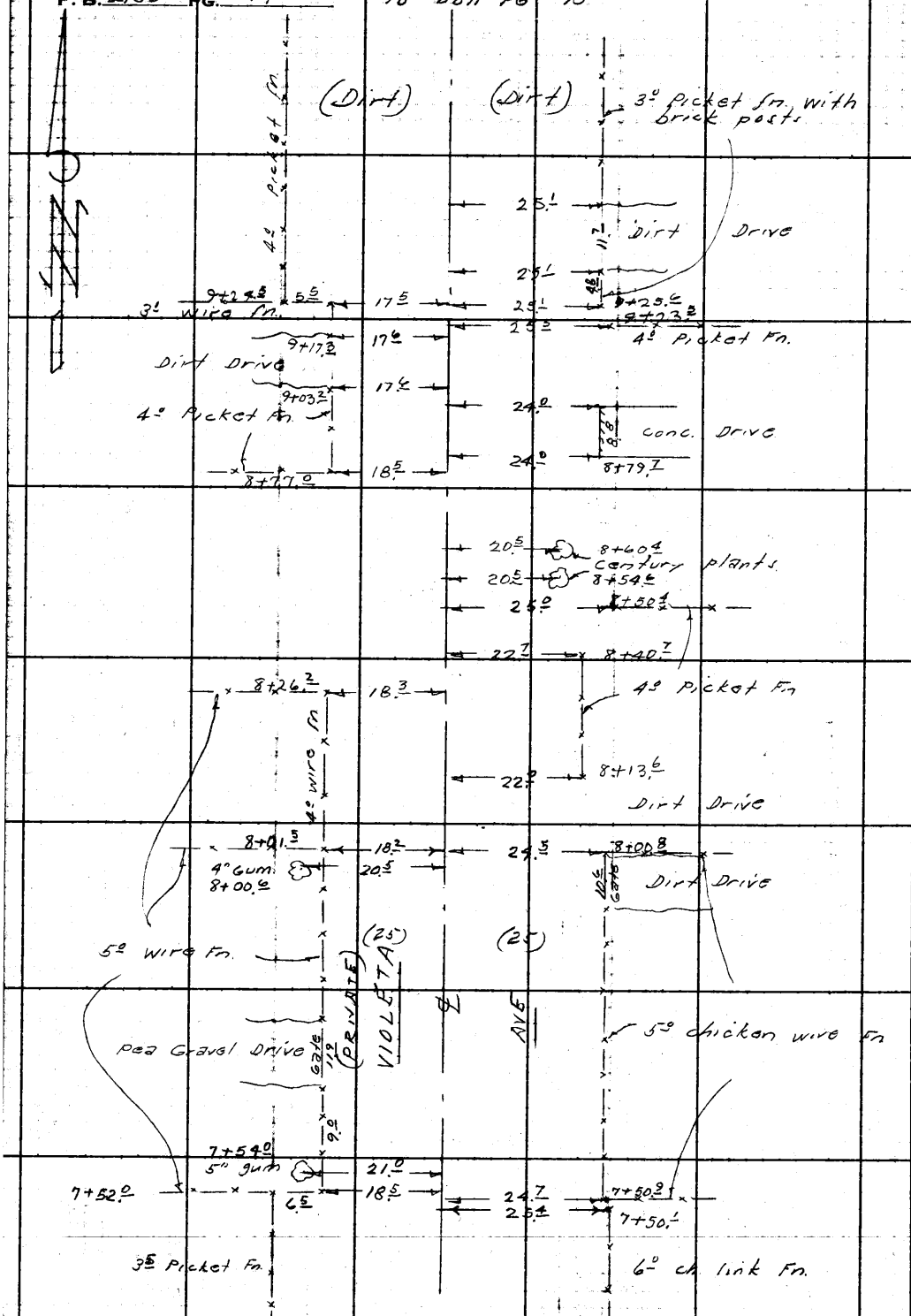
Note: Any Additions or Changes on This Sheet Must be Made or Circled In Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B. 2186 PG. 74 TO BOTH PG 75



FROM TOP PG 73

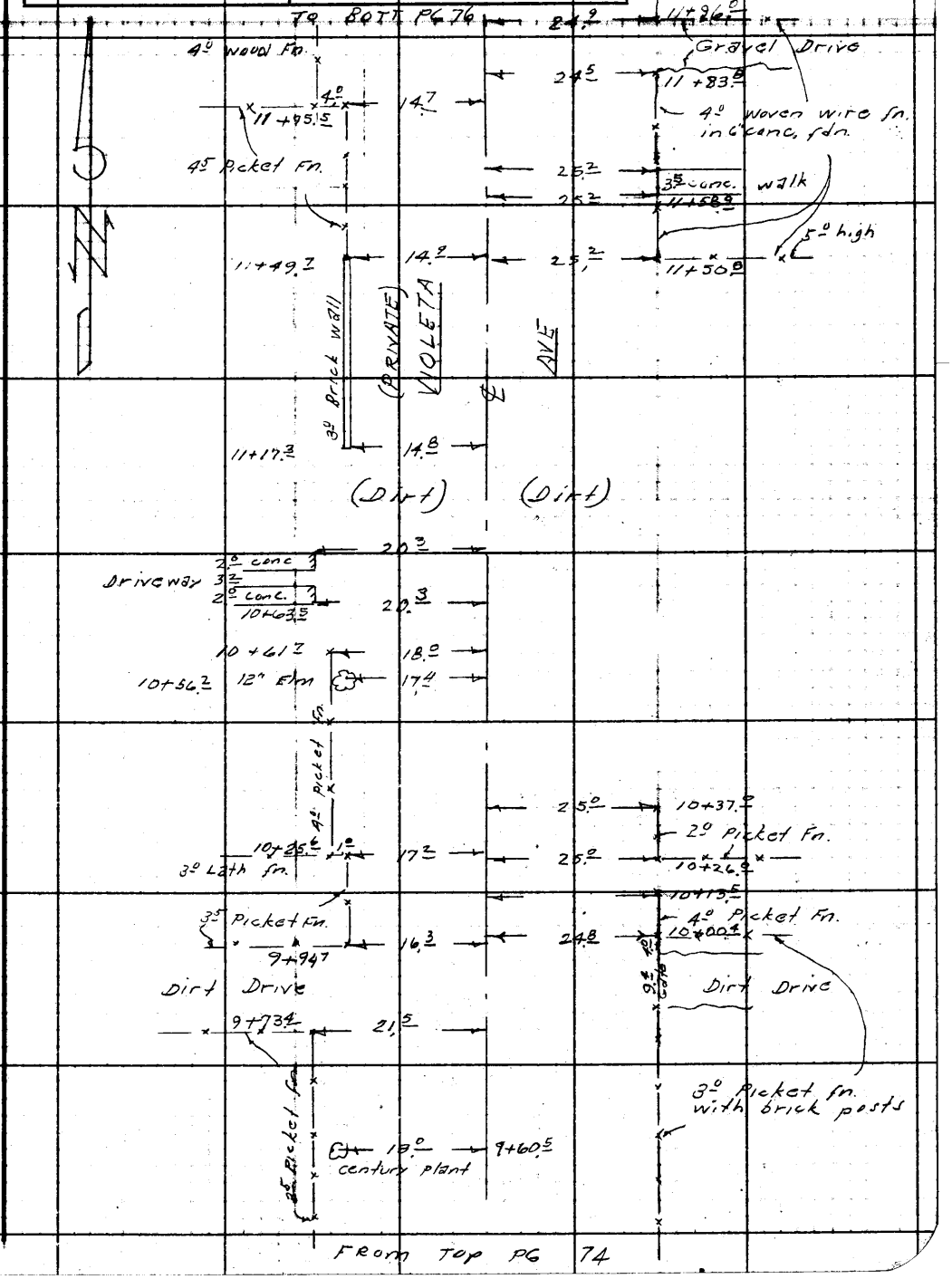
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Clarkdale Ave. S.S.D.
Map No.	JN 2087.34 Tape Std °F
Office Work	Surveyed by D Sappell
Checked	Notes D.S. & C.E.S. Date 2- -59
Date	Indexed A. C. Johnson

F. B. 2186 PG. 75



FROM TOP PG 74

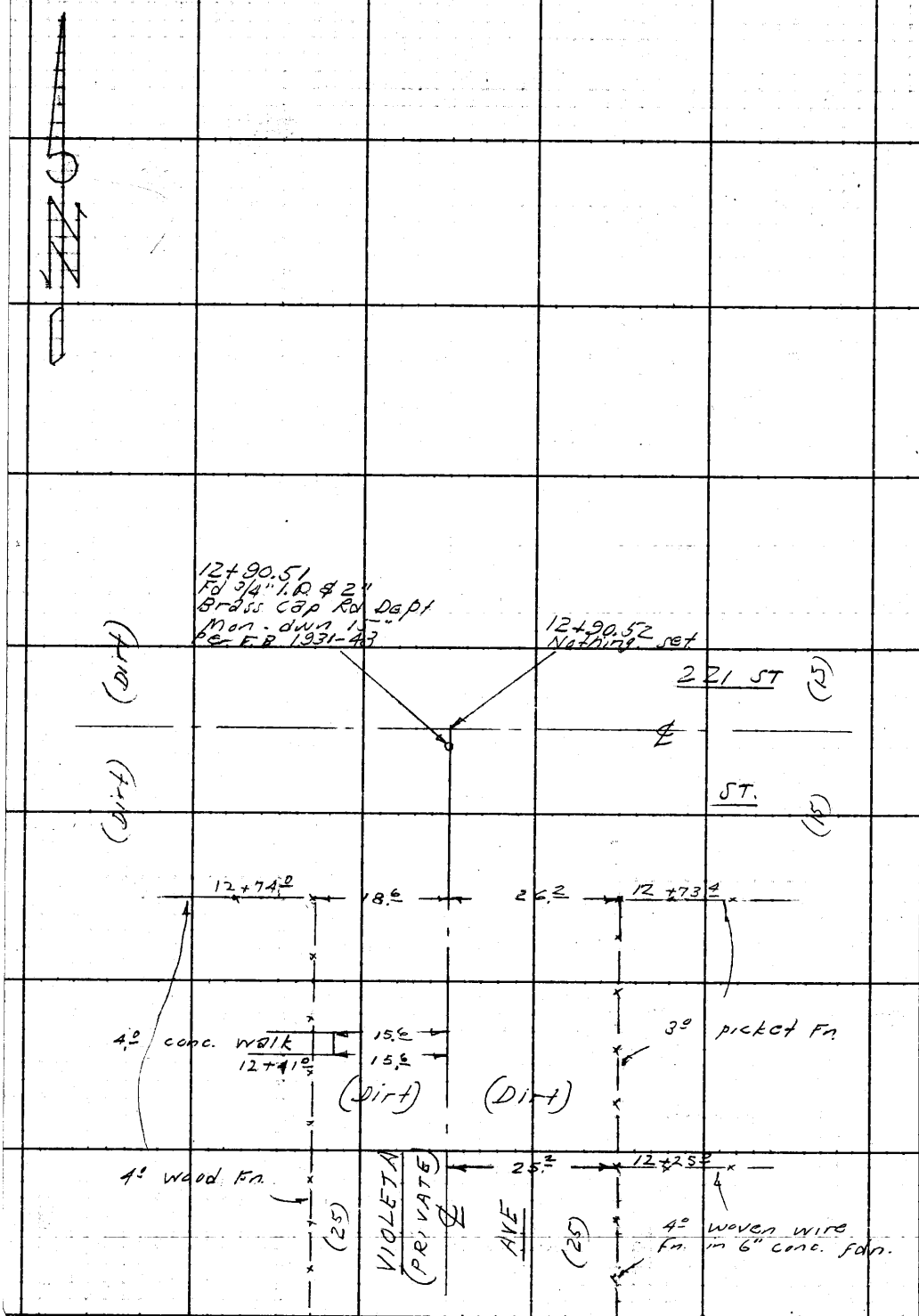
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B. 2186 PG. 76



FROM TOP PG 75

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

Do not extend notes this side of this line.

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

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 2087.34 Division No. 10 | Survey of Clarkdale Ave. - S.S.D. | F. B. 2186 Pg. 77

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey by Sappell Notes D.S. Date 3-3-59 | Map No. | Indexed C. Johnson Date

JN 2087.34

CLARKDALE AVE - S.S.D.

CROSS - SECTIONS

OF

VIOLETTA AVE

FROM

S'LY LINE RANCHO LOS COYOTES TO 221 ST. - ST.

STATION	B. S.	H. I.	F. S.	ELEV.
		Party: Sappell		
	Shoemaker Caro Lieber			

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

PLEASE RETURN TO
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76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 81				28 26	BMNZ 81, El 28.262 F.B. 2186-7, Violeta Ave (E Side) 578'± So. of ℄ 223 Rd st. - Bt. Spk in bott. step to Ho # 22418	
1+00				27 3	Int. ℄ Violeta & S'ly Line Rancho Los Coyotes.	
(see pg	137 for	add. El.)		27 6		25'R gnd
				27 5	25'L gnd.	
1+50				27 1		℄ Violeta
2+00				27 1		℄ "
				27 2		25 R gnd.
			Lenker Rod	27 4	25 L gnd	
2+50				27 2		℄ Violeta
3+00				27 4		℄ "
				27 6		25 R gnd
				27 5	25 L gnd.	
3+50				27 5		℄ Violeta
				28 0		125'R back lot line
				27 9	125'L back lot line.	
4+00				27 5		℄ Violeta
				27 6		25'R gnd.
				27 9	25'L gnd.	
4+50				27 8		℄ Violeta

F. B. 2186 Pg. 78 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Profile Notes Red. Plotted Job No. 2467.34 Division No. 10 F. B. 2186 Pg. 79
No. Date Survey of Clark Ave. Ave. - S.S.D.
X-Sec. Notes Chkd. Checked Survey by Sapsell Notes JJS Date 2-3-55
No. Date Date Map No. Index C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.				2776	T.P.	
5+00				275		℄ Violeta
				276		25' R gnd
				276	25' L gnd	
5+50				276		℄ Violeta
6+00			Lenker Rod	276		℄ "
				279		25' R gnd
				275	25' L gnd	
6+26°				2764		℄ Violeta (Ed pv.)
6+26.3				2755	13' L cor. conc. gutt.	
				2742	15" both cb	
				2781	15" Top " (End)	
6+26.5				2755		13' R cor conc gutt
				2745		15" both cb.
				2801		15" Top " (End)
6+44.6				2759		℄ Violeta
6+44.6				2755	13' L Ed gutt - S. end	C.R. S.W. cor.
				2737	15" both cb. "	" "
				2798	15" Top " "	" "
				2800	25" gnd	
6+45.4				2757		13' R Ed gutt.
				2740		15" S. end C.R. S.E. cor
				28.01		15" " " "

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STATION	B. S.	H. I.	F. S.	ELEV.		
6+45.4				28 1		25' R gnd.
6+57.6				27 47		℄ Violeta - Ed "x" gutt
				27 43		13 R int Ed gutt.
				27 50	13 L int Ed gutt.	
6+60.6				27 39		℄ Violeta & F/L "x" gutt.
			Lenker Rod	27 21	bott cb.	31.5 E. end C.R. S.E cor
				27 89	Top "	31.5 " " "
				27 35	32.8 L bott cb. W. end C.R. S.W. cor.	
				28 03	32.8 L " " " " "	
6+63.6				27 47		℄ Violeta - Ed "x" gutt.
				27 46		13 R ∡ pt. Ed " "
				27 51	13 L ∡ pt. ed "x" gutt.	
6+75.49				27 77		℄ int Violeta & 223 Rd st.
" "	= 0+00 going E & W. along the ℄ of 223 Rd. ST.					
0+45 E				27 29		13 R ∡ pt. Ed gutt.
"				27 29	13 L ∡ pt. Ed. gutt.	
				27 48		℄ 223 Rd ST.
1+25 E				27 20		13 R Ed gutt
				27 10		15 " bott cb
				27 67		15 " Top "
				28 0		25 " P/L
				27 22	13 L Ed gutt.	

F. B. 2186 Pg. 80 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. - S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+25 E				27 11	15 L bott cb.	
				27 69	15 " Top "	
				28 7	25 " P/L	
0+44 7 W				27 48		13' R ∡ PT ed gutt
0+45 W				27 49	13' L ∡ PT. ed gutt.	
6+87 4			Lenker Rod	27 43		℄ Violeta
				27 43		13 R ∡ PT. Ed "X" gutt.
				27 52	13 L ∡ PT Ed "X" gutt.	
6+90 4				27 40		℄ Violeta & F/L "X" gutt.
				27 17	bott cb.	30' R E. end C.R. N.E. Cor
				27 83	Top "	30 " " "
				27 38	31 6 L bott cb, W. end C.R. N.W. Cor.	
				27 99	31 6 " Top " "	" "
6+93 4				27 47		℄ Violeta & Ed "X" gutt.
				27 46		13 R int Ed gutt.
				27 52	13 L int ed. gutt.	
7+06 7				27 76	1	℄ Violeta
				27 52	13 L Ed. gutt.	
				27 45	15 " bott cb. - N. end C.R. N.W. cor.	
				28 06	15 " Top " - " " "	
				28 2	25 " gnd.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 81
Date ____ Date ____ Survey of Clarkdale Ave. - J.S.P.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Sappell Notes DS Date 3-3-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
7+07.0				27 50		13 R Ed gutt
				27 41	bott. cb.	15 " N. end C.R. N.E. cor
				28 00	Top "	15 " " " "
				28 4		25 " gnd.
7+24.5				27 87		℄ Violeta & Ed pv.
				27 57		13 R Ed gutt.
				27 48		15 " bott cb. (End.)
				28 08		15 " Top "
			Lenker Rod	27 59	13 L Ed gutt.	
				27 43	15 " bott cb.	
				28 03	15 " Top " (End)	
7+50				28 0		℄ Violeta
8+00				28 2		℄ "
				28 3		25 R gnd.
				28 5	25 L gnd	
BM NZ 86				27 81	BM NZ 86 El. 27.822 F.B. 2186-10, 223 Rd St.	
				(corr.) 27 82	℄ Violeta Ave. N.E	cor. - Bt. spk in cb.
					5° E. of E. end C.R.	
8+50				28 3		℄ Violeta
9+00				28 3		℄ "
				28 4		25 R gnd.
				28 6	25 L gnd.	

F. B. 2186 Pg. 82 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
9+50				284		℄ Violeta
10+00				285		℄ "
				285		25 R gnd
				287		125 " Back lot line
				288	25 L gnd	
				284	125 " back lot line	
10+50			Lenter	284		℄ Violeta
11 ± 00				285		℄ "
				286		25 R gnd
				284	25' L gnd	
11+50			Rod	286		℄ Violeta
12+00				287		℄ "
				291		25 R gnd
				288	25 L gnd	
T.P.				2876	T.P.	
12+50				288		℄ Violeta
12+75.5				287		℄ "
				287		25' R gnd
				287	25' L gnd	
12 ± 90.52				289		℄ int Violeta & 221 S. ST.
					(over)	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 83
Date ____ Date ____ Survey of Clarkdale Ave - S.S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-4-59
Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson Date ____

F. B. 2186 PG. 84

Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile

Survey of Clarkdale Ave - S.S.D. Date Date No.

Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ-19				29 18	BM NZ 19 El. 29.163 F.B. 1931-12, 221 ST. St (N. side) at Violeta Ave, - Bt Spk in walk to Ho #11871, 20' W. of ℄ prod of Violeta Ave to S.	

Notes Ck'd by	Survey of Clarkdale Ave - S.S.D.	F. B. 2186	Pg. 85
Map No.	JN 208734 Tape Std °F		
Office Work	Surveyed by D. Sappell		
Checked	Notes D.S. & C.F.S. Date 2-59		
Date	Indexed A. O. Johnson 3-25-59		

JN. 208734

CLARKDALE AVE - S.S.D.

LOC. OF IMP.

OF

CLARKDALE AVE

FROM

S'ly Line RANCHO LOS COYOTES TO 227 ST. ST.

party: Sappell
Shoemaker
Carr
Lieber

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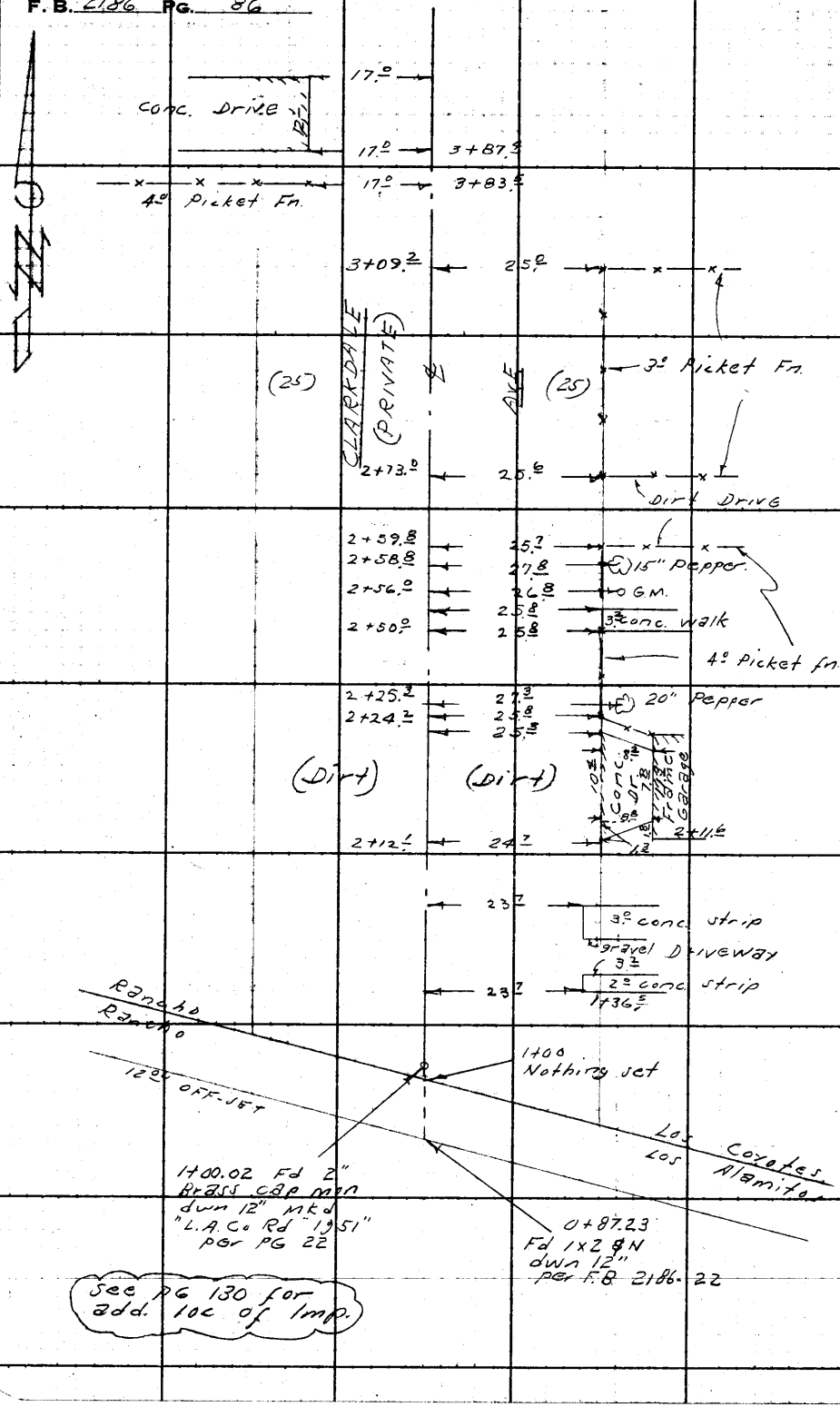
763098 CE #247—7-59

To BOTT PG 87

F.B. 2186 PG. 86



See PG 130 for add. loc of Imp.

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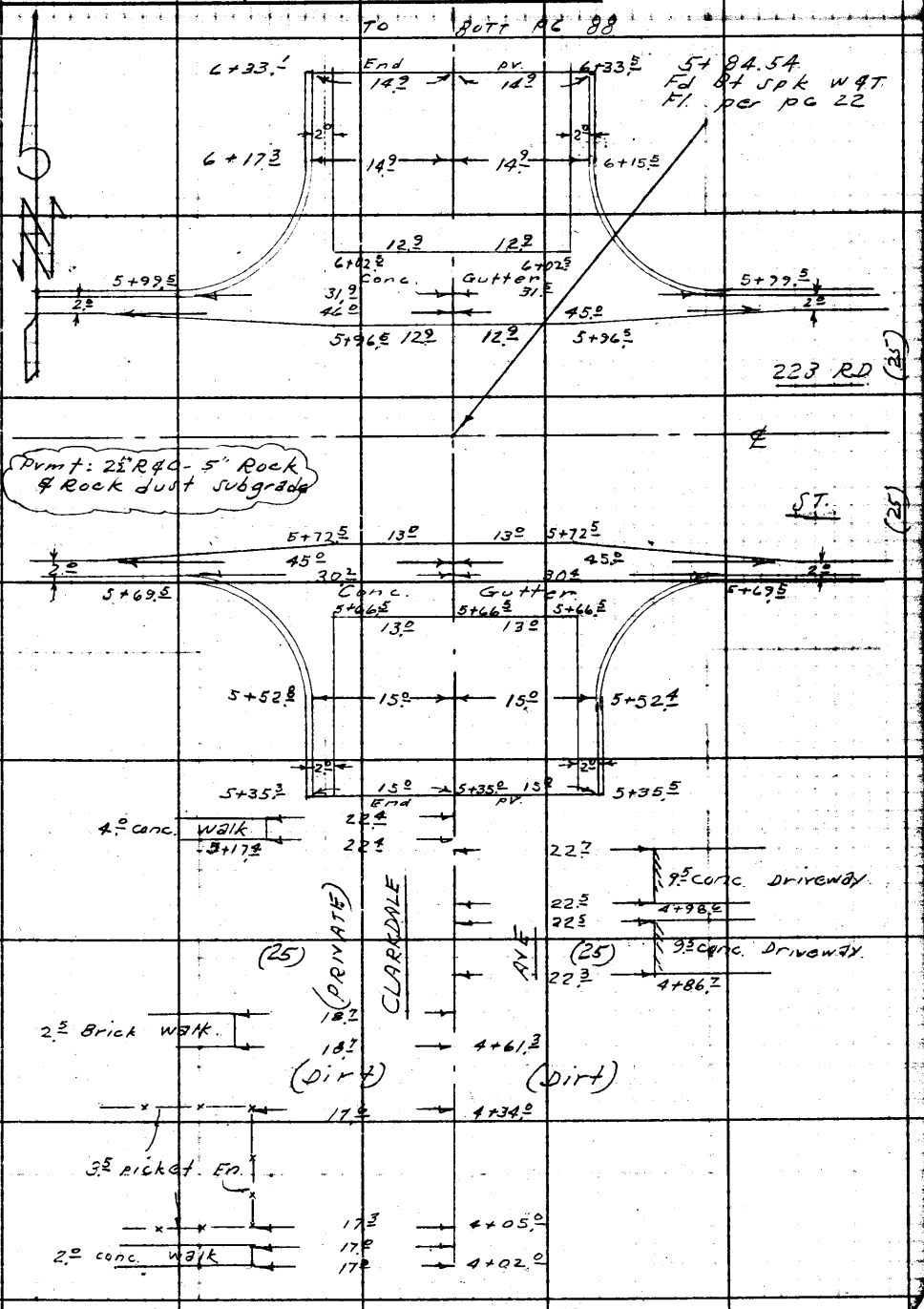
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Clarkdale Ave - S.S.D. F. B. 2186 Pg. 87
JN 2087.54 Tape Std °F
Surveyed by D. Sappell
Notes D.S. & C.E.S. Date 2-59
Indexed A. C. Johnson

To Dott AC 88



From Top Pg 86

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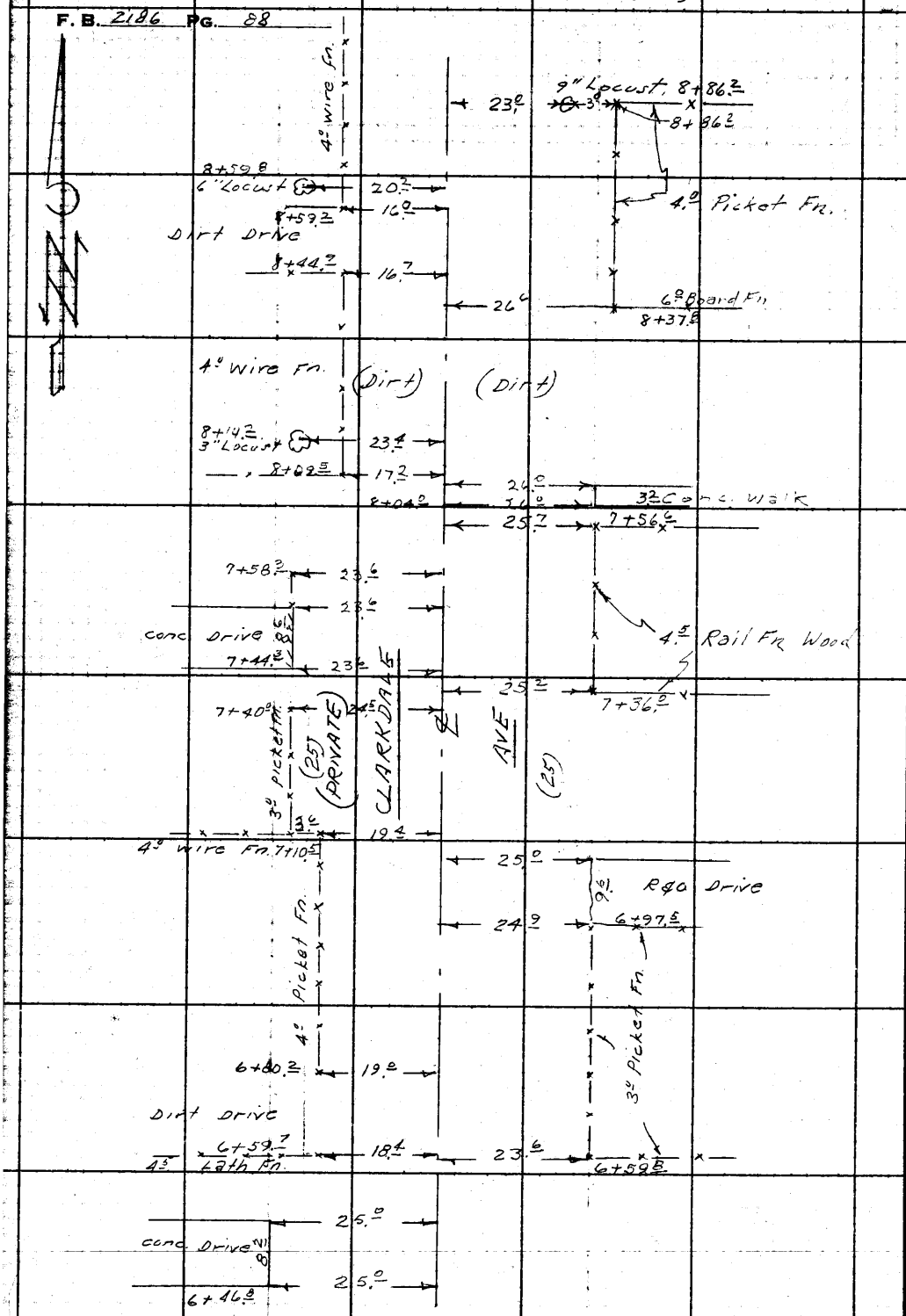
763098 CE #247—7-58



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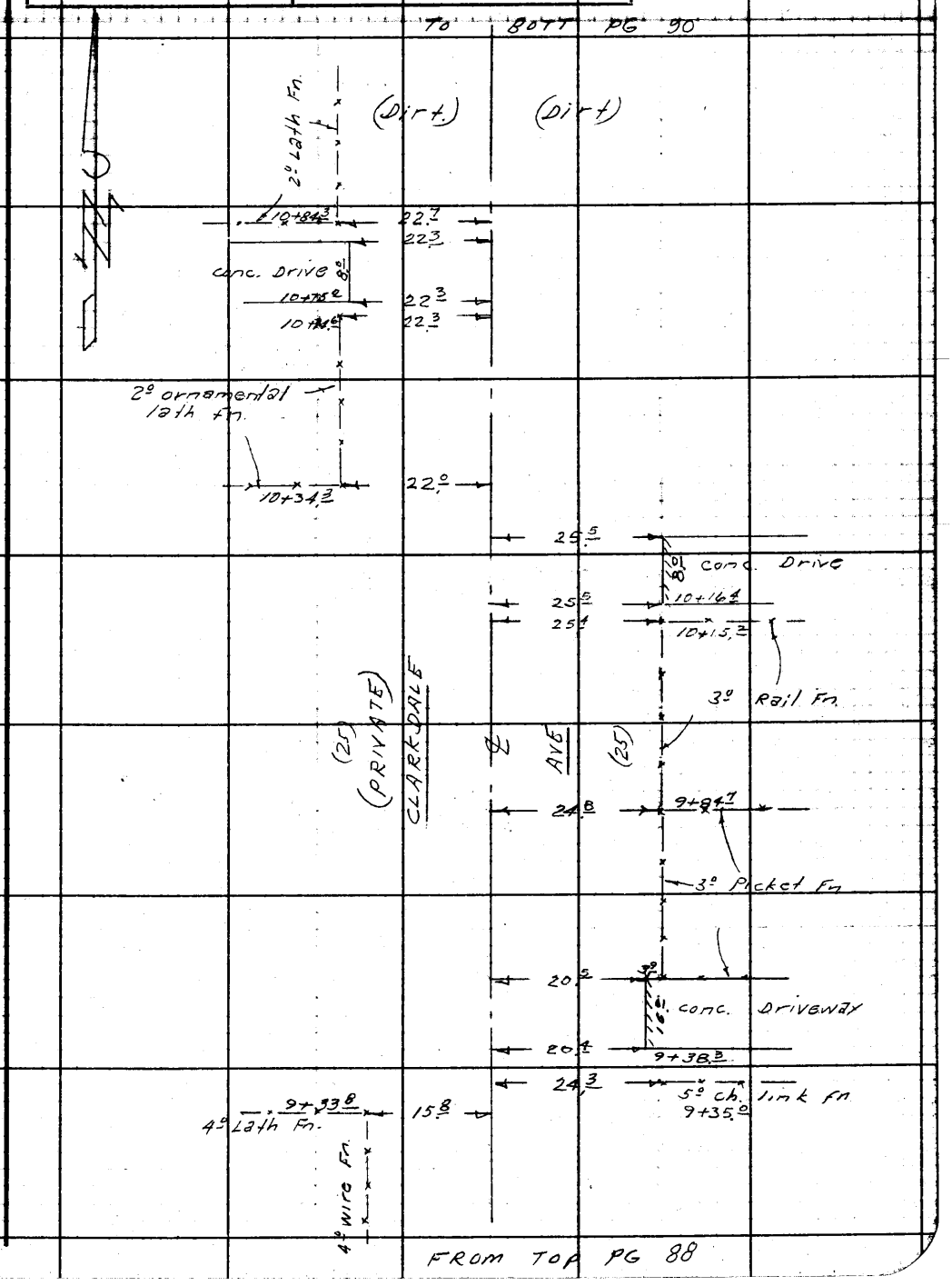
Notes Ck'd by	Survey of Clarkdale Ave - S.S.D.	F. B. 2186 Pg. 89
Map No.	JN 208734 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 2-59	
Date	Indexed C. Johnson	



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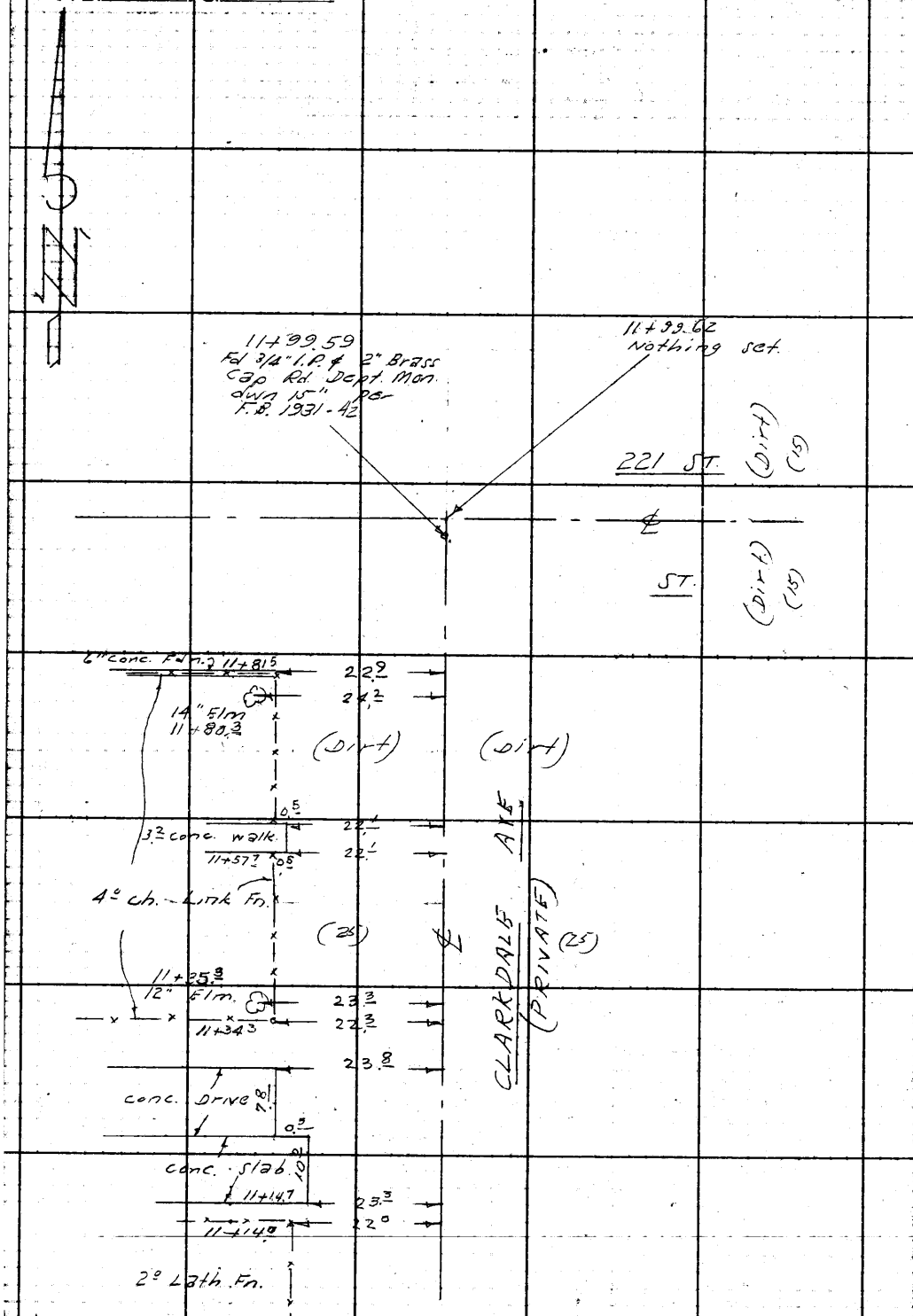
763098 CE #247—7-53

F. B. 2186 PG. 90



FROM TOP PG 89

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Profile No.	Notes Red.	Plotted	Job No. 2087.34	Division No. 10	F. B. 2186	Pg. 91
	Date	Date	Survey of Clarkdale Ave. S.S.D			
X-Sec. No.	Notes Chkd.	Checked	Survey by Sappell	Notes D.S.	Date 3-4-59	
	Date	Date	Map No.	Index C. Johnson	Date	

J.N. 2087.34

CLARKDALE AVE - S.S.D.

CROSS - SECTIONS

OF

CLARKDALE AVE

FROM

S'LY LINE RANCHO LOS COYOTES TO 221 ST. ST.

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

Party: Sappell
Shoemaker
Caro
Lieber

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76298 S & E #307—7-55

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F. B. 2186 Pg. 92 | Job No. 209734 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave - J. Jud Date No. X-Sec.
Survey by Sapell Notes D.S. Notes Chkd. Checked
Indexed R. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 80				2786	BM NZ 80 El. 2785.8 F.B. 2186-7, Clarkdale Ave (E side) 447.5' ± S. of ℄ 223 Rd St. - bk. spk in Sa. strip of conc. Gr. to Ho #?	
1400				277	Int. ℄ Clarkdale & S'ly Line Rancho Los Coyotes	
(See pg 138 for add'l El)				282		25' R
				279	25' L	
1450				275		℄ Clarkdale
2400				275		℄ "
				273		25' R gnd.
				273	25' L gnd.	
2450			Lanker Rod	274		℄ Clarkdale
3400				278		℄ "
				279		25' R gnd
				278	25' L gnd	
3450				282		℄ Clarkdale
				280		125' R back lot line
				281	125' L back lot line	
4400				283		℄ Clarkdale
				277		25' R gnd.
				282	25' L gnd	
4450				281		℄ Clarkdale

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
5+00				279		℄ Clarkdale
				280		25 R gnd
				280	25 L gnd	
T.P.				2793	T.P.	
5+35.0				2811		℄ Clarkdale - Ed pl.
5+35.3				2795	13 L cor conc. gutt	
			Lenker Rod	2782	15 " bott cb.	
				2842	15 " Top " (End)	
5+35.5				2796		13 R cor conc. gutt.
				2782		15 " bott cb.
				2843		15 " Top " End.
5+52.4				2790		13 R Ed gutt.
				2787	bott cb.	15 " S. end C.R. S.E. Cor
				2840	Top "	15 " " "
				285		25 " gnd
5+52.6				2818		℄ Clarkdale
5+52.8				2792	13 L Ed gutt.	
				2781	15 " bott. cb. - S.	end C.R. S.W. cor.
				2840	15 " Top " -	" " "
				284	25 " gnd	
5+66.5				2783		℄ Clarkdale & Ed x gutt.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 208734 Division No. 10 F. B. 2186 Pg. 93
X-Sec. No. ____ Date ____ Date ____ Survey of Clarkdale Mg. SSD
Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-4-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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F. B. 2186 Pg. 94 | Job No. 208734 | Division No. 10 | Notes Red. | Plotted | No. | Profile
Survey of Clarkdale Ave. - S.P.S. | Date | Date | No. | X-Sec.
Survey by C. Johnson | Notes 2 S. | Notes Chkd | Checked
Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
5+66.5				2792		13'R Int. ed gutters
				2787	13 L Int ed gutters.	
5+69.5				2781		℄ Clarkdale - F/L "X" gutt
				2762	both cb	30' E. end C.R. S.E. cor
				2824	Top "	30' " " "
				2776	30' L both cb -	W. end C.R. S.W. cor
				2838	30' " Top " -	" " "
5+72.5				2782		℄ Clarkdale - Ed "X" gutt.
			Locker Rod	2780		13 R ℄ Ed "X" gutt.
				2786	13 L ℄ PT. Ed "X" gutt.	
5+84.54				2811		℄ Int Clarkdale & 223 Rd
" "	5 0+00	going E & W. along ℄ 223 Rd. Sta.				
0+45 E				2775		13'R Ed gutt.
				2772	13'L Ed gutt	
1+25 E				2795		℄ 223 Rd.
				2762		13 R Ed gutt.
				2755		15' " both cb.
				2812		15' " Top "
				2800		25' " P/L
				2762	13'L Ed gutt	
				2751	15' L both cb.	

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+25 E				28 09	15' L Top cb.	
				28 2	25 " P/L	
0+45.0 W				27 90	13' L Ed gutt.	
0+46.0 W				27 96		13' R Ed gutt.
5+96.5				27 85		℄ Clarkdale - Ed "X" gutt
				27 84		12.9 R ∡ pt. Ed "X" gutt
			Lenker Rod	27 89	12.9 L ∡ Ed "X" gutt.	
5+-99.5				27 81		℄ Clarkdale ∡ F/L "X" gutt
				27 65	bott cb.	31.5 R E end C.R. N.E cor
				28 25	Top "	31.5 " " " "
				27 82	31.9 L bott cb. - W	end C.R. N.W. cor
				28 46	31.9 " Top " - "	" "
6+02.5				27 83		℄ Clarkdale - Ed "X" gutt
				27 79		12.9 R int. ed gutters
				27 90	12.9 L int ed gutters.	
6+15.5				28 15		℄ Clarkdale.
				27 82		12.9 R Ed gutt
				27 72	bott cb.	14.9 " N. end C.R. N.E cor.
				28 34	Top "	14.9 " " " "
				28 4		25 " gnd

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 95
No. ____ Date ____ Date ____ Survey of Clarkdale Ave. S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-4-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76298 S & E #307—7-55

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700 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.		
6+17.3				27 93	12.9 L Ed gutt	
				27 87	14.9 " bott cb. - N. end C.R. N.W. cor.	
				28 47	14.9 " Top " " " " "	
				28 5	25 " gnd	
6+33.1				27 90	12.9 L cor. conc. gutt.	
				27 80	14.9 " bott cb.	
				28 42	14.9 " Top " (End)	
6+33.3			Lenker Rod	28 18		℄ Clarkdale- Ed pv.
6+33.5				27 90		12.9 R cor. conc. gutt.
				27 84		14.9 " bott cb.
				28 44		14.9 " Top " (End)
6+50				28 2		℄ Clarkdale
BM NZ 87				28 23	BM NZ 87, El. 28.231 F.B. 2186-10, 223 Rd. St. ℄ Clarkdale Ave. N.E. cor. - Bt. spk in cb. 5.0 E. of E. end C.R.	
7+00				28 3		℄ Clarkdale
				28 5		25' R gnd.
				28 8	25' L gnd	
7+50				28 5		℄ Clarkdale.
8+00				28 8		℄ "
				28 7		25' R gnd
				28 5	25' L gnd	

F. B. 2186 Pg. 96 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. - S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+50				288		℄ Clarkdale
9+00				289		℄ "
				290		25 R gnd
				284		125 " back lot line
				290	25 L gnd	
			Lenker Rod	287	125 " back lot line	
9+34.5				283	12.0 L bott brk	
				290	14.0 " Top "	
9+50				286		℄ Clarkdale
10+00				286		℄ "
				290		25 R
				284	11.3 L bott brk	
				292	14.6 " Top "	
				290	25 " gnd	
10+33.6				284	10.5 L bott brk.	
				290	12.5 " Top "	
10+34.6				286	12.5 " Toe slope from So.	
10+34.6				290	25 " gnd	
10+50				287		℄ Clarkdale
11+00				287		℄ "
				290		25 R gnd
				292	25 L gnd	

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 97
No. ____ Date ____ Date ____ Survey of Clarkdale Ave-S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-4-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.			Lenker Rod	28 74	T.P.	
11+50				28 9		℄ Clarkdale
11+84.6				28 9		℄ "
				28 8		25' R gnd
				29 4	25' L gnd	
11+99.62				28 8		℄ int. Clarkdale & 221 ST. ST.
B.M NZ 18				29 47	B.M NZ 18, El. 29.468	F.B. 1931-11, 221 ST. ST.
					& Clarkdale Ave,	S.E cor. - Bt. SPK
					in walk to Ho #	11852

F. B. 2186 Pg. 98 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave - S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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

Survey of Clarkdale Ave. - S.S.D.
JN 2087.34 Tape Std °F
Surveyed by D. Sappell
Notes D.S. & C.F.S. Date 2-59
Indexed J. C. Johnson 3-7-59

F. B. 2186 Pg: 99

JN. 2087.34

CLARKDALE AVE - S.S.D.

LOC. OF IMP.

OF

ARLINE AVE

From

S'LY LINE RANCHO LOS COYOTES TO 227 ST. ST.

party: Sappell
Shoemaker
Caro
Lieber

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

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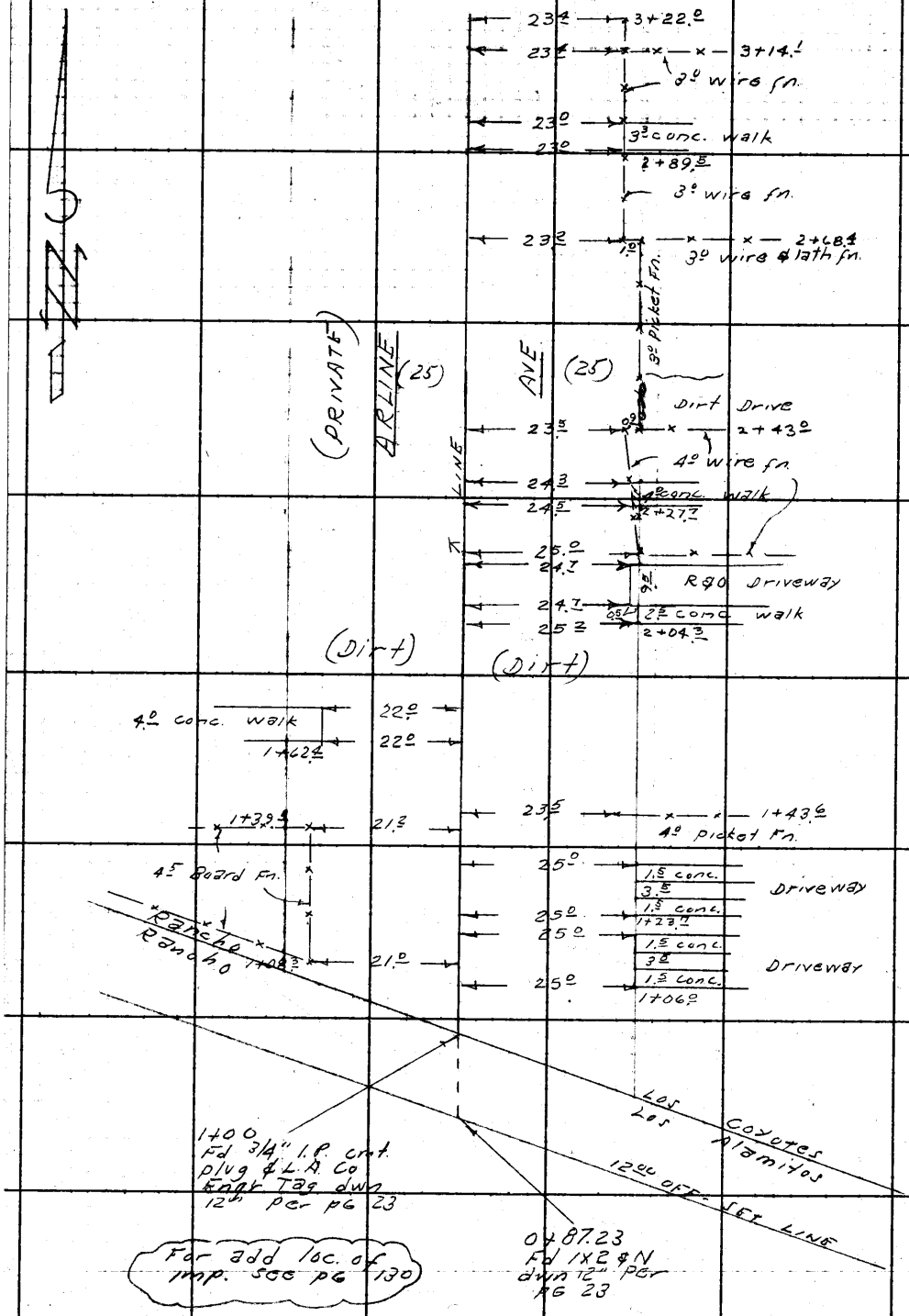
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

763098 CE #247—7-58

TO BOTT PG 101

F. B. 2186 PG. 100



RETURN TO
LOS ANGELES COUNTY ENGINEER
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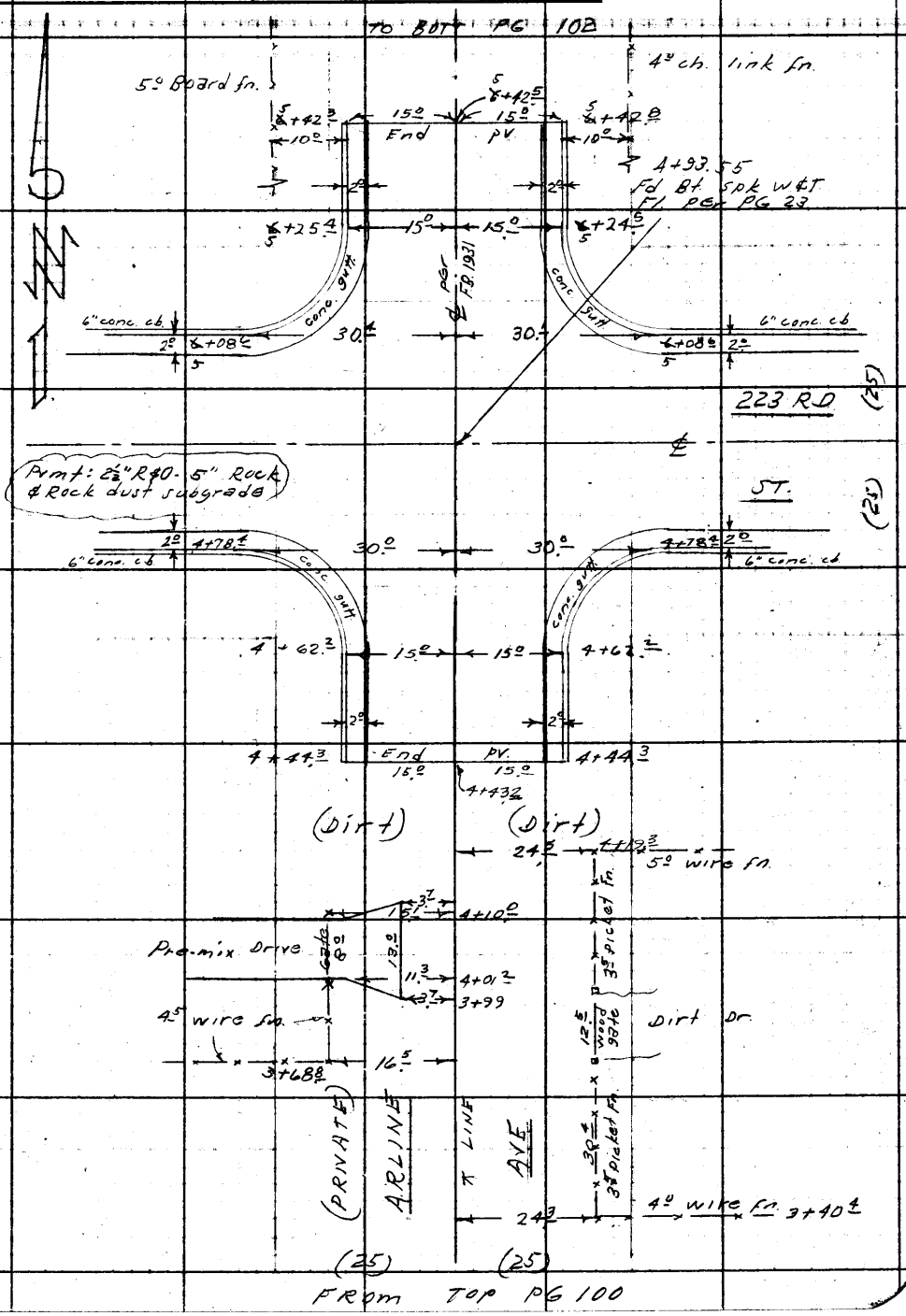
Notes Ck'd by	Survey of Clarkdale Ave- S.S.D	F. B. 2186 PG. 101
Map No.	JN 2087.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S & C.E.S. Date 2- -59	
Date	Indexed A. C. Johnson	



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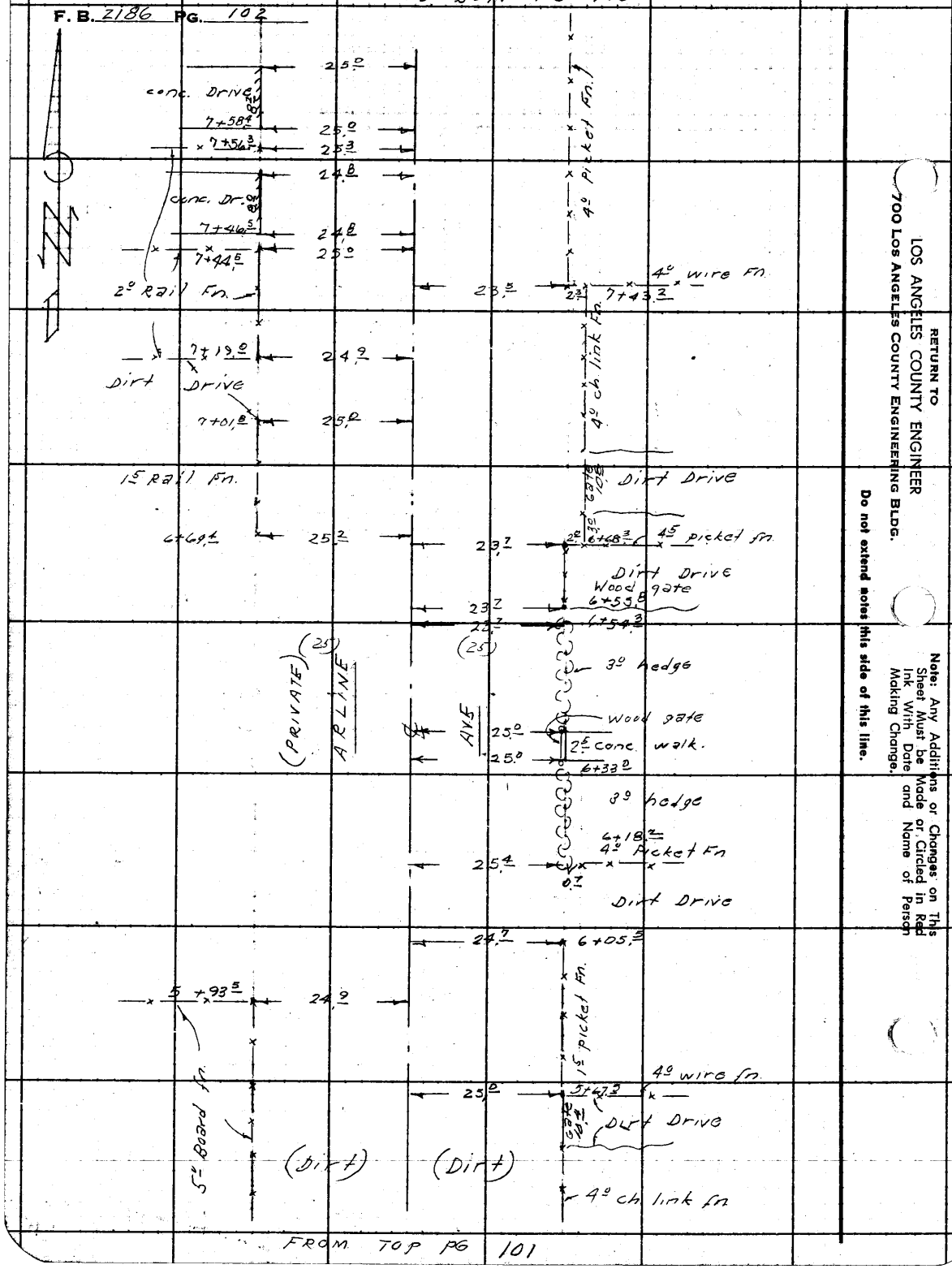
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53


To BOOK PG 103
F. B. 2186 PG. 102
conc. Drive
7+58.8
7+56.3
25.0
25.3
24.8
conc. Dr.
7+46.5
7+44.5
24.8
25.0
2° Rail Fn.
4° Picket Fn.
4° wire Fn.
23.5
7+43.2
4° ch link Fn.
7+19.0
24.9
Dirt Drive
7+01.8
25.0
1° Rail Fn.
Dirt Drive
6+69.4
25.2
23.7
6+68.3
45 picket fn.
Dirt Drive
Wood gate
6+59.8
23.7
6+54.3
(PRIVATE)
(25)
ARLINE
AVE
(25)
3° Hedge
Wood gate
25.0
2.5 conc. walk.
25.0
6+33.0
3° hedge
6+18.2
4° Picket Fn
25.4
0.7
Dirt Drive
24.7
6+05.3
5+93.5
24.9
1° picket Fn.
4° wire fn.
25.0
5+47.3
Dirt Drive
5° Board fn.
(Dirt)
(Dirt)
4° ch link fn
FROM TOP PG 101
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
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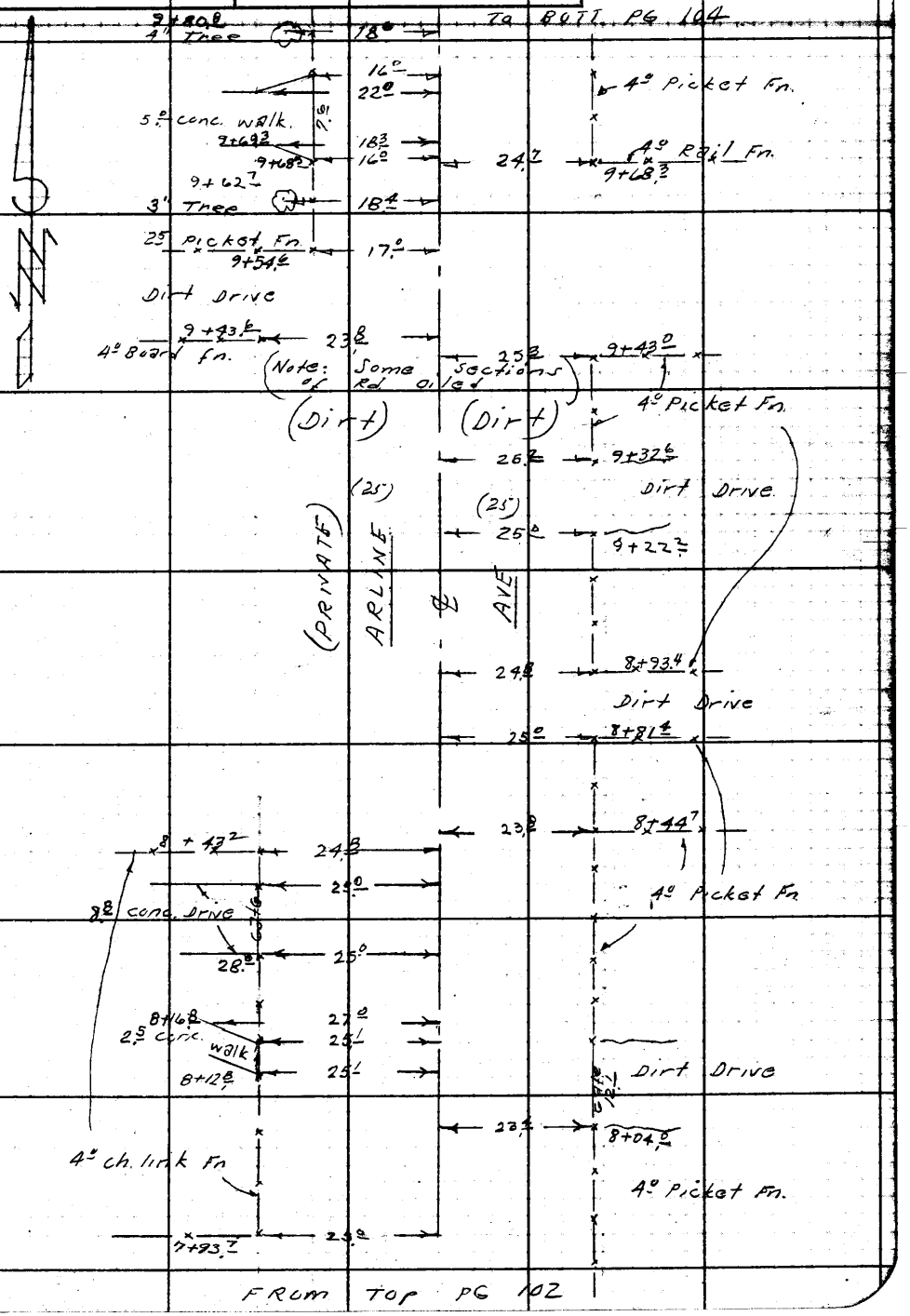
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Clarkdale Ave - S.S.	F. B. 2186 PG. 103
Map No.	JN 2087.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 3-59	
Date	Indexed A. C. Johnson	



FROM TOP PG 102

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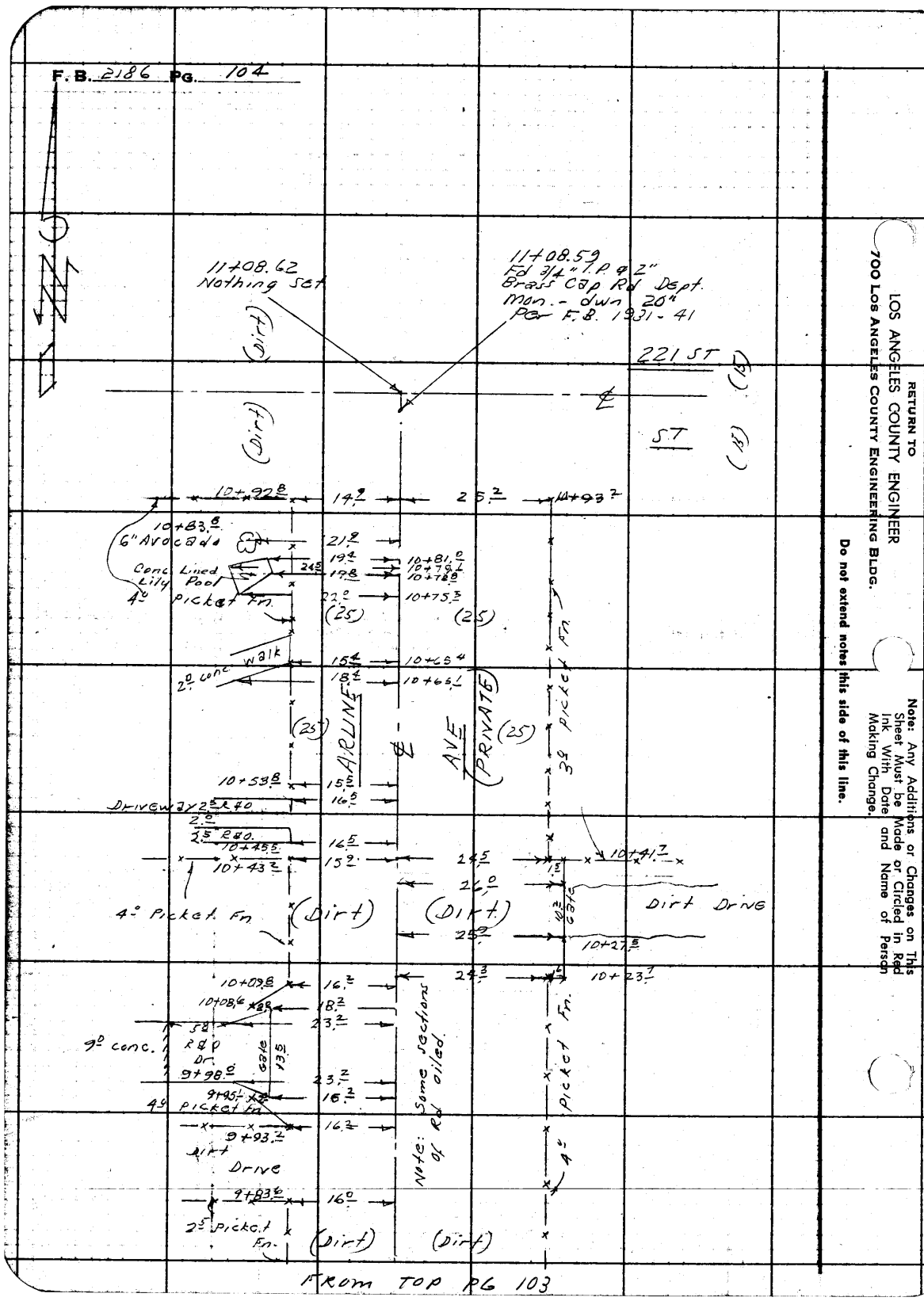
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-53

F. B. 2186 Pg. 104



From top pg 103

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700 Los Angeles County Engineering Bldg.

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Profile No.	Notes Red.	Plotted	Job No. 2087.34	Division No. 10	F. B. 2186	Pg. 105
	Date	Date	Survey of Clarkdale Ave - S.S.D.			
X-Sec. No.	Notes Chkd.	Checked	Survey by Sappell	Notes D.S.	Date 3-4-59	
	Date	Date	Map No.	Indexed C. Johnson	Date	

J.N. 2087.34

CLARKDALE AVE - S.S.D.

CROSS - SECTIONS

OF

ARLINE AVE

FROM

S'LY LINE RANCHO LOS COYOTES TO 221 ST. ST.

STATION	B.S.	H.I.	F.B.	ELEV.
		Party: Sappell Shoemaker Caro Lieber		

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76298 S & E #307—7-55

76298 S & E #307—7-55

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700 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.		
BM NZ 79				2799	BM NZ 79, El 27.986, F.B. 2186-6, Arline Ave. (W. side) 330'± S. of ℄ 223 Rd St. - Bt Spk in conc. walk to Apt. # 22329, 6' W. of E. end walk.	
1+00				277	int π Line Arline & S'ly Line Rancho Los Coyotes	
(See PG 139 For add El)				284		25' R gnd
				281	25' L gnd	
1+50				279		π Line Arline
2+00				277		" " "
				279		25 R gnd
			Linker Rod	277	25 L gnd	
2+50				276		π Line Arline
3+00				276		" " "
				284		25 R gnd
				280		125 " Back lot line
				274	25 L gnd	
				275	125 " back lot line	
3+50				277		π Line Arline
4+00				277		" " "
				282		25' R gnd
				286	25' L gnd	

F. B. 2186 PG. 106 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.J.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
4 + 43.2				28 22		⊼ Line Arline - Ed pv.
4 + 44.3				27 93		13 R cor. conc. gutt
				27 84		15 " bott cb
				28 45		15 " Top " (End)
				27 97	13 L cor. conc. gutt	
			Linker	27 87	15 " bott cb.	
				28 44	15 " Top " (End)	
4 + 62.2				28 28		⊼ Line Arline
			Rod	28 02		13 R Ed gutt.
				27 92	bott cb	15 " S. end C.R. S.E cor
				28 50	Top "	15 " " "
				28 6		25 " gnd
				27 98	13 L Ed gutt.	
				27 86	15 " bott cb. -	S. end C.R. S.W. cor
				28 41	15 " Top " -	" "
				28 4	25 " gnd	
4 + 93.55				28 38		℄ int Arline & 223 Rd St.
" "	= 0+00 going			E & W.	along the ℄ of	223 Rd St.
0+30 E				28 12		13 R Ed gutt.
				27 98	bott cb.	15 " E. end C.R. S.E cor
				28 56	Top "	15 " " "

Profile Notes Red. ____ Plotted ____ Job No. 208734 Division No. 10 F. B. 2186 Pg. 107
No. ____ Date ____ Date ____ Survey of Clarkdale Ave. SSD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes DS Date 3-4-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+30 E				28 12	13 L Ed gutt	
				28 02	15 " bott cb. - E end C.R. N.E cor	
				28 62	15 " Top cb -	" "
1+25 E				28 33		℄ 223 Rd
				28 02		13 R Ed gutt
				27 92		15 " bott cb.
				28 52		15 " Top "
				28 1		25 " P/L
				28 05	13 L Ed gutt	
				27 94	15 " bott cb.	
				28 53	15 " Top "	
				28 5	25 " P/L	
0+30° W			Linker Rod	28 31		℄ 223 Rd. St.
				28 14	13 L Ed gutt	
				27 96	15 " bott cb. - W. end C.R. S.W. cor.	
				28 56	15 " Top " - "	" "
0+30⁴ W				28 12		13 R Ed gutt
				28 03	bott cb.	15 " W. end C.R. N.W. cor.
				28 58	Top "	15 " " " "
				28 46		℄ Arline
5+24⁵				28 18		13 R Ed gutt.
				28 13	bott cb.	15 " N. end C.R. NE cor.
				28 71	Top "	15 " " " "

F. B. 2186 Pg. 108
Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
5+24.5				28 8		25 R gnd.
5+25.4				28 17	13 L Ed gutt.	
				28 07	15 " bott cb - N. end C.R. N.W. cor.	
				28 65	15 " Top " - " " "	
5+25.4				28 6	25 gnd.	
5+42.3			Linker Rod	28 20	13 L Ed gutt.	
"				28 09	15 " bott cb.	
"				28 67	15 " Top " (End)	
5+42.5				28 45		℄ Arline - Ed pv
5+42.8				28 20		13 R Ed gutt.
				28 10		15 " bott cb.
				28 71		15 " Top " (End)
BMNZ-88				28 60	BMNZ 88 El. 28.601, FB 2186-10, 223 RD. St ℄ Arline Ave. S.E. cor. - Bt spk. in cb. 5.3 E. of E. end C.R.	
5+50				28 6		℄ Arline
6+00				28 5		℄ "
				28 2		16.0 R bott brk
				28 5		17.5 " Top "
				28 7		25 " gnd
				28 7	25.0 L gnd	
6+50				28 5		℄ Arline
7+00				28 8		℄ "

Profile Notes Red. ____ Plotted ____ Job No. 208734 Division No. 10 F. B. 2186 Pg. 109
No. ____ Date ____ Date ____ Survey of Clarkdale Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-4-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
C. Johnson

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+00				284		15.5 R bott brk
				289		19.0 " Top "
				290		25 " gnd
				291	25 L gnd	
7+50				286		℄ Arline
8+00				287		℄ "
				285		15.3 R bott brk
				290		17.0 " Top "
				290		25 " gnd
				287		125 " back lot Line
			Linker Rod	292	25 L gnd	
				294	125 " back lot Line	
8+50				287		℄ Arline
9+00				290		℄ "
				287		15.3 R bott brk
				292		16.5 " Top "
				294		25 " gnd
				292	25 L gnd	
9+50				291		℄ Arline
				290	10 L bott brk	
				295	12 " Top "	

F. B. 2186 Pg. 110 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave - S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
10+00				29 3		℄ Arline
				29 1		16.3 R bott brk
				29 6		17.5 " Top "
				29 4		25 " gnd.
				29 4	10 'L bott brk	
				29 7	11.2 " Top "	
			Linka Rod	29 5	25 " gnd	
10+50				29 4		℄ Arline
16 +93				29 5		19.5 R bott brk
				29 8		21.0 " Top "
				29 5	9.5 L bott brk	
				29 9	12.0 " Top "	
10+93.6				29 5		℄ Arline
				29 5		.25 R Toe Slope from S.
				29 5	25 L Toe Slope from So.	
11+08.62				29 6		℄ Int. Arline & 221 ST ST
BMNZ 17				30 51	BMNZ 17, El. 30.517, ℄ Arline Ave, N.W. to Ho 22025	F.B. 1931-11, 221 ST. ST cor., L&T. in bott step

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F.B. 2186 Pg. 111
Date ____ Date ____ Survey of Clarkdale Ave - S.S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-4-59
Date ____ Date ____ Map No. ____ Indexed ____ Date ____
K. C. Johnson

F. B. 2186 Pg. 112 | Job No. | Division No. | Notes Red. | Plotted | Profile

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

Survey by | Notes | Notes Chkd. | Checked

Indexed | Date | Date | Date | No.

76298 S & E #307—7-55

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700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

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

Survey of Clarkdale Ave - S.S.D.
JN 2087.34 Tape Std °F
Surveyed by D. Sappell
Notes D.S. & C.F.S. Date 2-59
Indexed C. Johnson 3-19-59

F. B. 2186 PG. 113

J.N. 2087.34

CLARKDALE AVE - S.S.D.

LOC. OF IMP.

OF

PIONEER BLVD

FROM

S'LY LINE RANCHO LOS COYOTES TO 221 ST. ST.

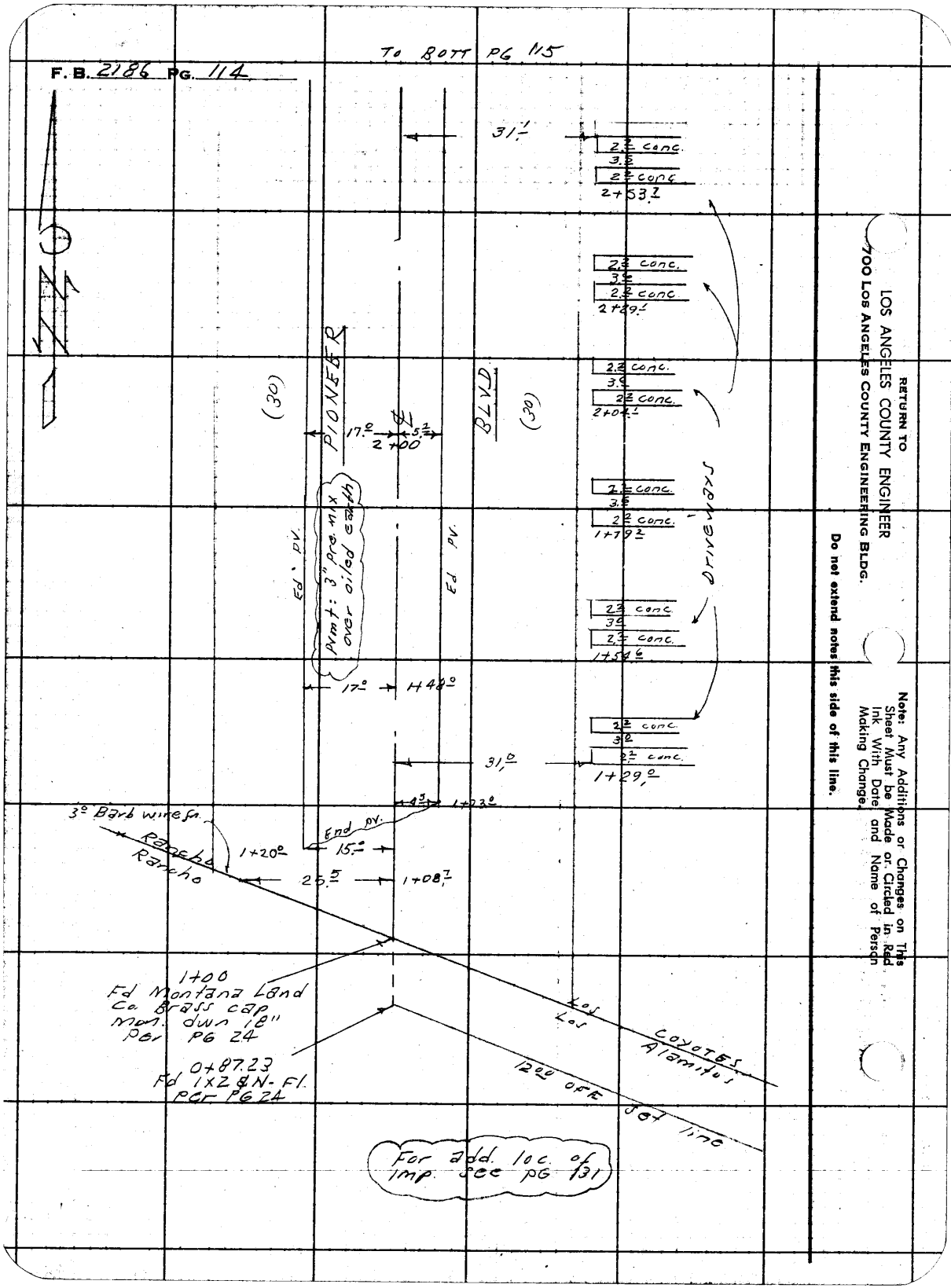
party: Sappell
Shoemaker
Caro
Lieber

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

Do not extend notes this side of this line.

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

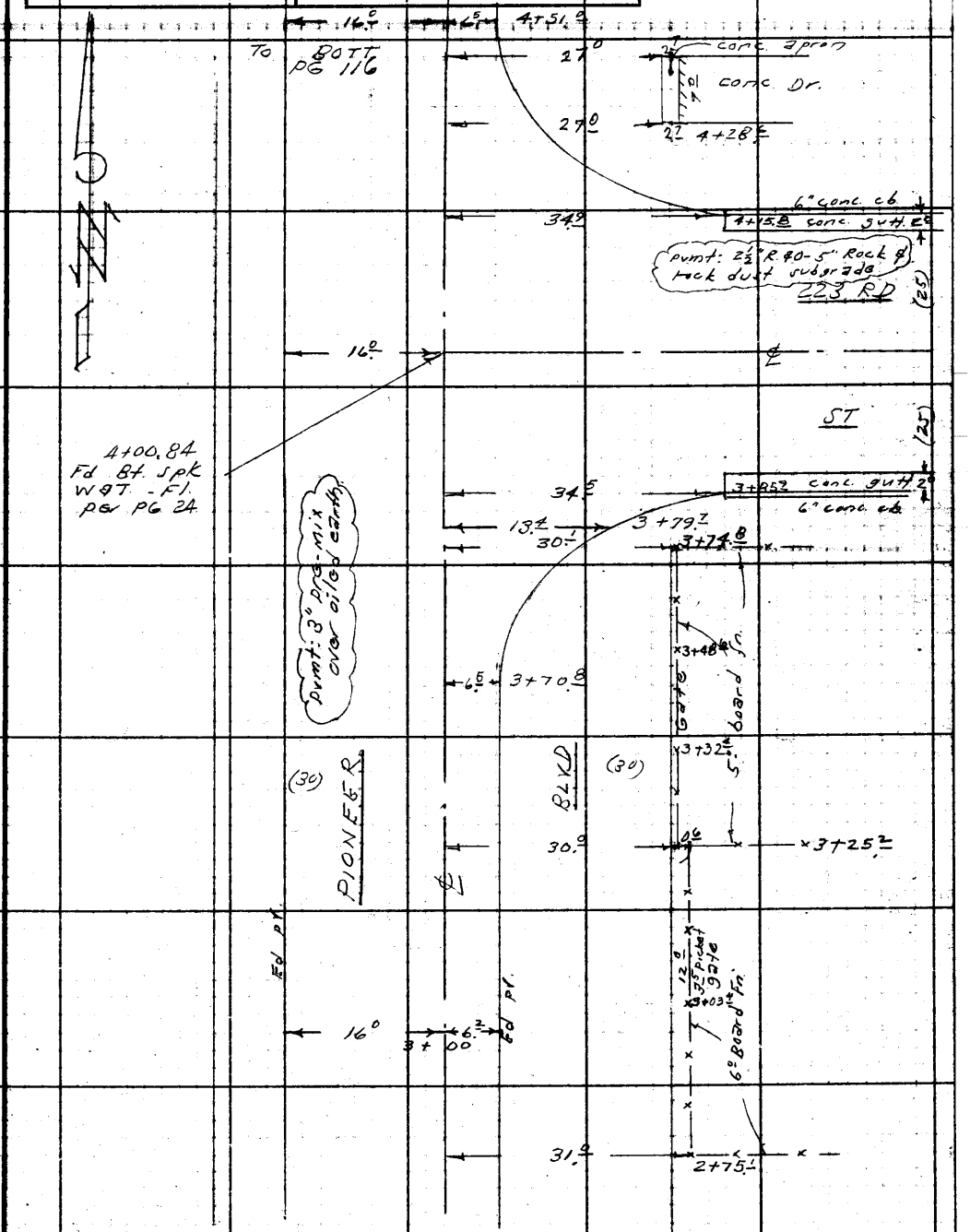
763098 CE #247—7-53



F. B. 2186 PG. 114
TO BOTT PG 115
31.1
2.2 conc.
3.5
2.2 conc.
2+53.7
2.2 conc.
3.5
2.2 conc.
2+29.1
2.2 conc.
3.5
2.2 conc.
2+04.1
2.2 conc.
3.5
2.2 conc.
1+79.2
2.2 conc.
3.5
2.2 conc.
1+54.6
2.2 conc.
3.5
2.2 conc.
1+29.0
(30)
PIONEER
BLVD
(30)
17.0
5.2
2+00
Ed. PV.
Ed. PV.
Pvmt: 3" pre. mix over oiled earth
Driveways
17.0
1+48.0
31.0
4.5
1+23.0
End PV.
15.0
3° Barb wire fn.
Rancho
Rancho
1+20.0
25.5
1+08.7
1+00
Fd Montana Land Co. Brass cap Mon. dwn 18" Per PG 24
0+87.23
Fd 1X2 & N-Fl. Per PG 24
Los Coyotes
Los Alamitos
12.00 off set line
For add. loc. of Imp. see PG 131
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Clarkdale Ave - S.S.D.
Map No.	JN 2087.34 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. & C.E.S. Date 2-59
Date	Indexed C. Johnson

F. B. 2186 PG. 115



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

Do not extend notes this side of this line.

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

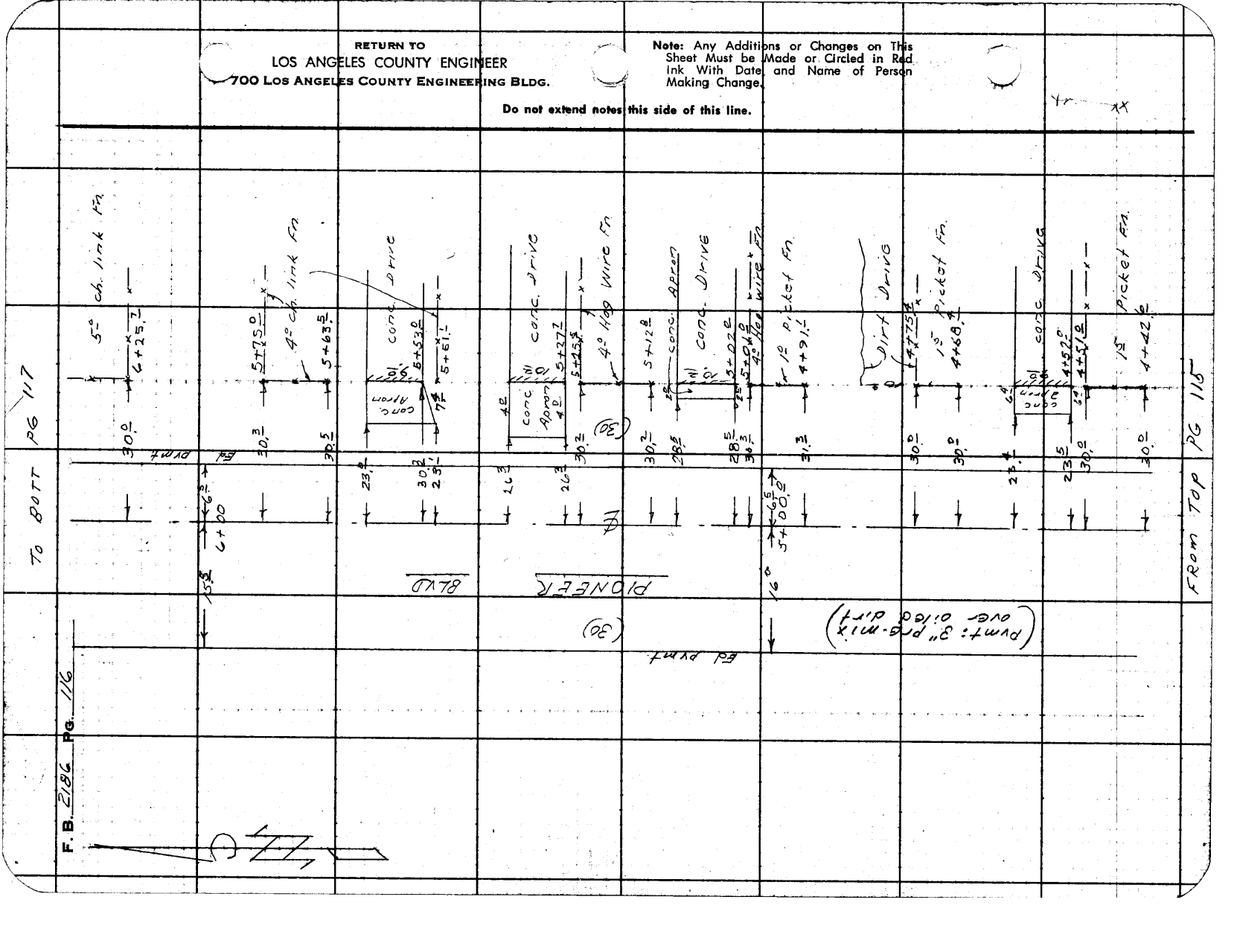
763098 CE #247—7-53

FROM TOP PG 114

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

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

Do not extend notes this side of this line.

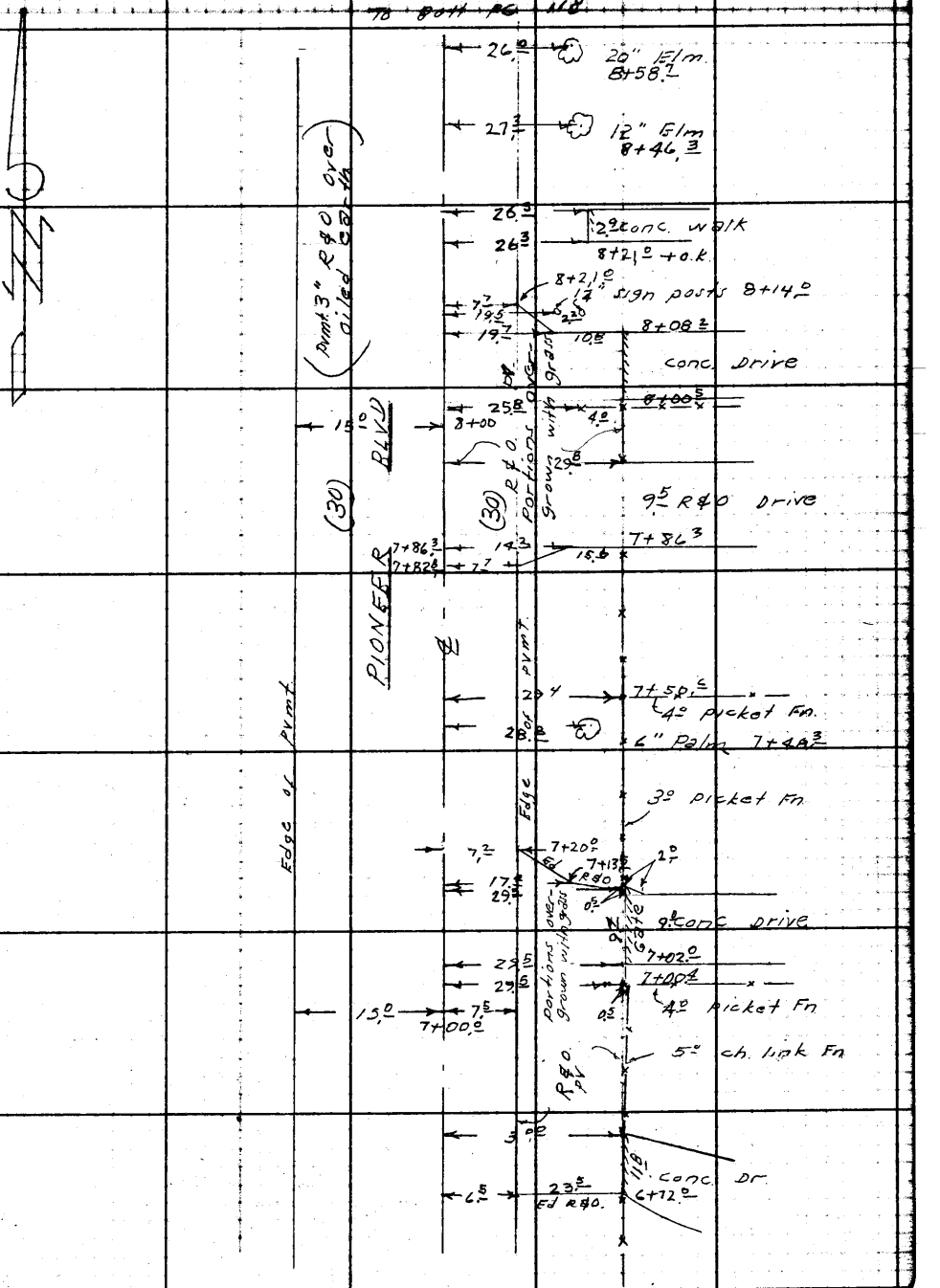


Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Clarkdale Ave - SSD
JN 2087 34 Tape Std °F
Surveyed by D. Sapsell
Notes D.S. & C.E.S. Date 2-59
Indexed K. C. Johnson

F. B. 2186 Pg. 117

TO BOOK PG 118



FROM TOP PG 116

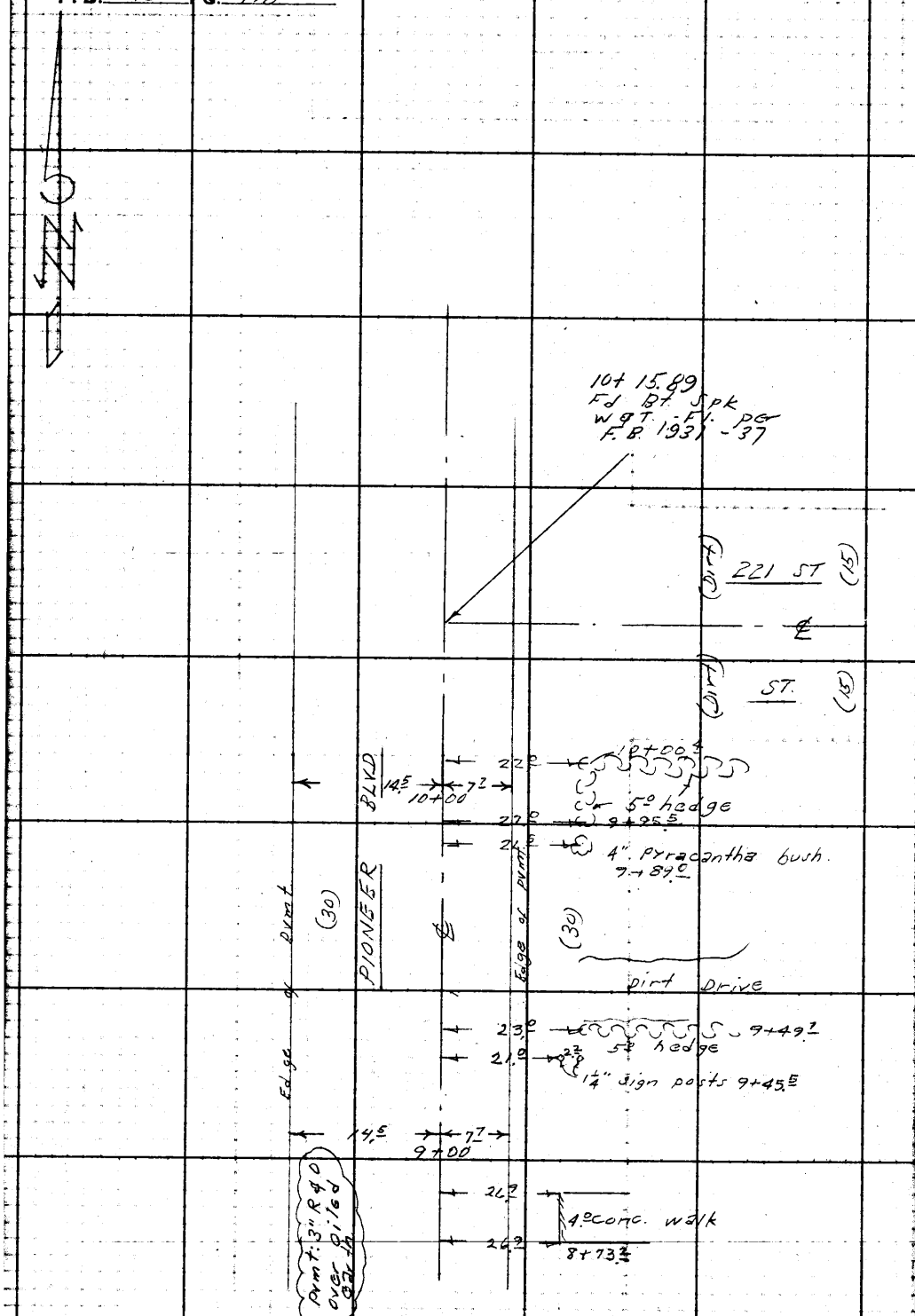
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

765OSS CE #247—7-55

F. B. 2186 PG. 118



FROM top PG 117

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

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

Do not extend notes this side of this line.

Profile No. | Notes Red. | Plotted | Job No. 2087.34 | Division No. 10 | F. B. 2186 Pg. 119

X-Sec. No. | Notes Chkd. | Checked | Survey of Clarkdale Ave - S.S.D.

Date | Date | Survey by Sappell | Notes D. J. | Date 2-4-59

C. Johnson | Date

J.N. 2087.34

CLARKDALE AVE - S.S.D.

CROSS - SECTIONS

OF

PIONEER BLVD

FROM

S'LY LINE RANCHO LOS COYOTES to 221 ST. ST

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

Party: Sappell
Shoemaker
Cano
Lieber

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

Do not extend notes this side of this line.

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

76298 S & E #307—7-55

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 78				28 25	BM NZ 78, El. 28.252 F.B. 2186-6, Pioneer Blvd. (E. side) 271'± So. of ℄ 223 Rd. St. - Bt. spk in conc. dr. to 40# 22324 (So. strip)	
1+00				28 4	Int ℄ Pioneer Blvd & S'ly Line Rancho Los Coyotes	
(See pg 140 for add. El.)				28 0		5^{3} L Top brk
				27 2		9^{7} " bott "
				27 2		18^{0} " " "
				28 3		30 " P/L & Top "
			Lenker Rod	28 2	17^{0} L gnd.	
1+20°				27 67	15° " End pv.	
1+23°				27 77		4^{5} R. End pv. cor.
1+50				27 97		℄ Pioneer
2+00				28 21		℄ "
				28 04		5^{2} R Ed pv. - Top brk
				27 5		10^{5} " bott brk
				27 9		19^{5} " Top "
				27 7		30 " P/L
				28 33	6' L crown pv.	
				28 10	17° " Ed pv.	
2+50				28 47		℄ Pioneer

F. B. 2186 Pg. 120
Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave - S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+00				2866		℄ Pioneer
				2846		6^{2} R Ed pv. & Top brk
				278		14 " bott brk
				282		20^{5} " Top "
				283		30 " P/L
			Lenker Rod	2873	5' L crown pv.	
				2851	16 " Ed pv.	
3+50				2866		℄ Pioneer
3+ 70^{8}				2840		6^{5} R B.C. Ed pv.
3+ 74^{8}				2815		9^{8} " Ed pv
				279		17^{5} " bott brk.
				282		22^{0} " Top "
				282		30 " P/L cor.
4+00.84				2867		℄ int Pioneer Blvd & 223 Rd.
" "	= 0+00	going E	along the ℄ of 223 Rd st.			
0+ 25^{3} E				2778		℄ 223 RD
				2772		14^{8} R Ed pv.
				2782	17^{4} L Ed pv.	
0+ 34^{5}				2812		℄ 223 Rd St.
				2791		13 R cor conc. gutt.
				2779		15 " bott cb. (End)
				2838		15 " Top "

Profile No. ____ Notes Red. ____ Plotted ____ Date ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 121
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Clarkdale Ave. S.S.D. Survey by Sappell Notes D.S. Date 3-4-59
Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+34.9 E				2794	13 L cor conc gutt	
				2780	15 " bott cb.	
				2841	15 " Top " (End)	
1+30 E				2823		℄ 223 RD.
				2799		13 R Ed gutt
				2786		15 " bott cb.
				2845		15 " Top "
				285		25 " P/L
			Lenker Rod	2795	13 L Ed gutt	
				2787	15 " bott cb	
				2850	15 " Top "	
				285	25 " P/L	
4+00.84				2874	5° L crown pv.	
				2860	16° " Ed. pv.	
4+50				2866		℄ Pioneer
4+51°				2843		6.5 R B.C. PV. ed.
4+25.8 + O.K.				2862		℄ Pioneer
				2800		15.0 R Ed pv.
				277		20 " gnd - bott brk.
				282		30 " P/L

F. B. 2186 Pg. 122 Job No. 208234 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave - S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed ~~A. C. Johnson~~ Date Date Date No.

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 77				28 42	BM NZ 77, El. 28.432, F.B. 2186-6 44'± E. of	
				corr. 28 43	℄ int Pioneer Blvd & 223 Rd St. - No side	
					223 Rd. St. - Bt spk in cb.	
5+00				28 89		℄ Pioneer Blvd
				28 60		6.5 R Ed pv. Top brk
				28 1		13.0 " bott "
				28 5		17.0 " Top "
			Lenker Rod	28 6		30 " P/L
				28 94	5.0 L crown pv	
				28 66	16 " Ed pv.	
5+50				29 11		℄ Pioneer
6+00				29 36		℄ "
				29 25		6.5 R Ed pv. - Top brk
				28 7		12.2 " bott brk
				29 1		17.0 " Top "
				29 4		30 " P/L
				29 41	4.5 L crown pv.	
				29 19	15.5 " Ed pv.	
T.P.				29 36	T.P.	
6+50				29 56		℄ Pioneer
7+00				29 87		℄ "

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F.B. 2186 Pg. 123
No. ____ Date ____ Date ____ Survey of Clarkdale Avg. S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-4-59
No. ____ Date ____ Date ____ Map No. ____ Index M. C. Johnson

76298 S & E #307—7-55

29.4

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+00				29 60		7^{5} R Ed pv. - Top brk
				29 3		14^{5} " bott brk
				29 5		28 " Top "
				29 5		30 " P/L
				29 4		130 " back lot line 2
				29 89	4° L crown pv.	
				29 63	15 " Ed pv.	
7+50			Lenker Rod	29 88		℄ Pioneer
8+00				30 07		℄ "
				29 73		7^{5} R Ed pv. - Top brk
				29 30		12° " bott brk
				29 8		23 " Top "
				29 9		30 " P/L
				30 09	4° L crown pv.	
				29 77	15 " Ed "	
8+50				30 17		℄ Pioneer
9+00				30 23		℄ "
				29 87		7^{7} R Ed pv. - Top brk
				29 0		14^{5} " bott brk
				29 8		23^{5} " Top "
				29 9		30 " P/L

F. B. 2186 PG. 124 Job No. 208734 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
9+00				30 30	3^5 L crown pv.	
				30 11	14^5 " Ed "	
9+50				30 14		℄ Pioneer Blvd
10+00			Lenker Rod	30 12		℄ " "
				29 80		7^7 R Ed pv. - Top brk
				29 4		15^6 " bott brk
				30 0		20^5 " Top "
				30 2		30 " P/L
				30 22	3^5 L crown pv.	
				30 08	14^5 " Ed "	
10+04.0				30 4		37^5 R. gnd.
10+15.89				30 14		℄ int Pioneer Blvd & 221 ST
" " =	0+00	going	E	along	℄ of 221 ST ST.	
0+07.5 E				29 77		℄ 221 ST. St. Ed pv.
0+15.6 E				28 9		℄ " bott brk
0+39.0 E				29 9		℄ " Top "
1+30 E				30 0		℄ " gnd
				30 0		15 R. gnd
				29 9	15 L gnd	
10+ — 15.89				30 23	4 L crown pv.	
				30 11	13^5 " Ed pv.	

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 125
No. ____ Date ____ Date ____ Survey of Clarkdale Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-4-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
11+15.89				30 48		℄ Pioneer
B.M NZ 16				30 34	B.M NZ-16 El. 30.336	F.B. 2186-6 1931-11 Pioneer
					Blvd & 221 ST st. SE	Cor, Bt. spk in walk
					to Ho #22100	

F. B. 2186 PG. 126 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale AVE. - S.S.D Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

Notes Ck'd by	Survey of Clarkdale Ave - S.S.D.	F. B. 2186	Pg. 127
Map No.	JN 2087.34 Tape Std °F		
Office Work	Surveyed by D. Sappell		
Checked	Notes D.S. & C.E.S. Date 2-26-59		
Date	Indexed A. C. Johnson 3-23-59		

J.N. 2087.34

CLARKDALE AVE - S.S.D.

LOC. OF IMP.

OF

226 TH ST FROM FUNSTON AVE W'LY TO INT. OF S'LY LINE RANCHO LOS COYOTES (S'LY LINE L.S. 16-9) THENCE ALONG RANCHO LINE TO PIONEER BLVD.

Party: Sappell
Shoemaker
Caro
Licber

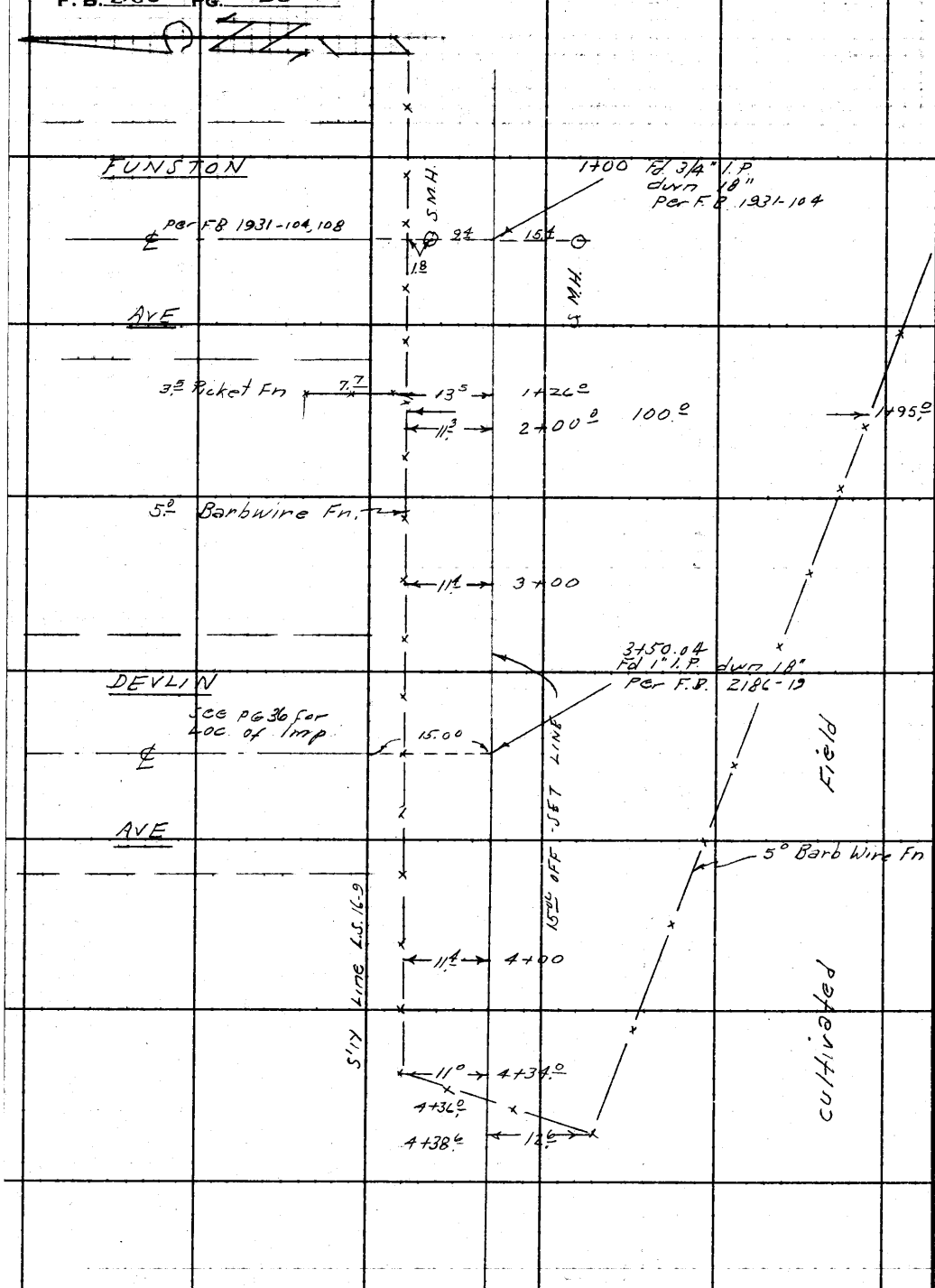
Note: Any Additions or Changes on This Sheet Must Be Made or Circled In Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-59

F. B. 2186 PG. 128



TO TO PG 129

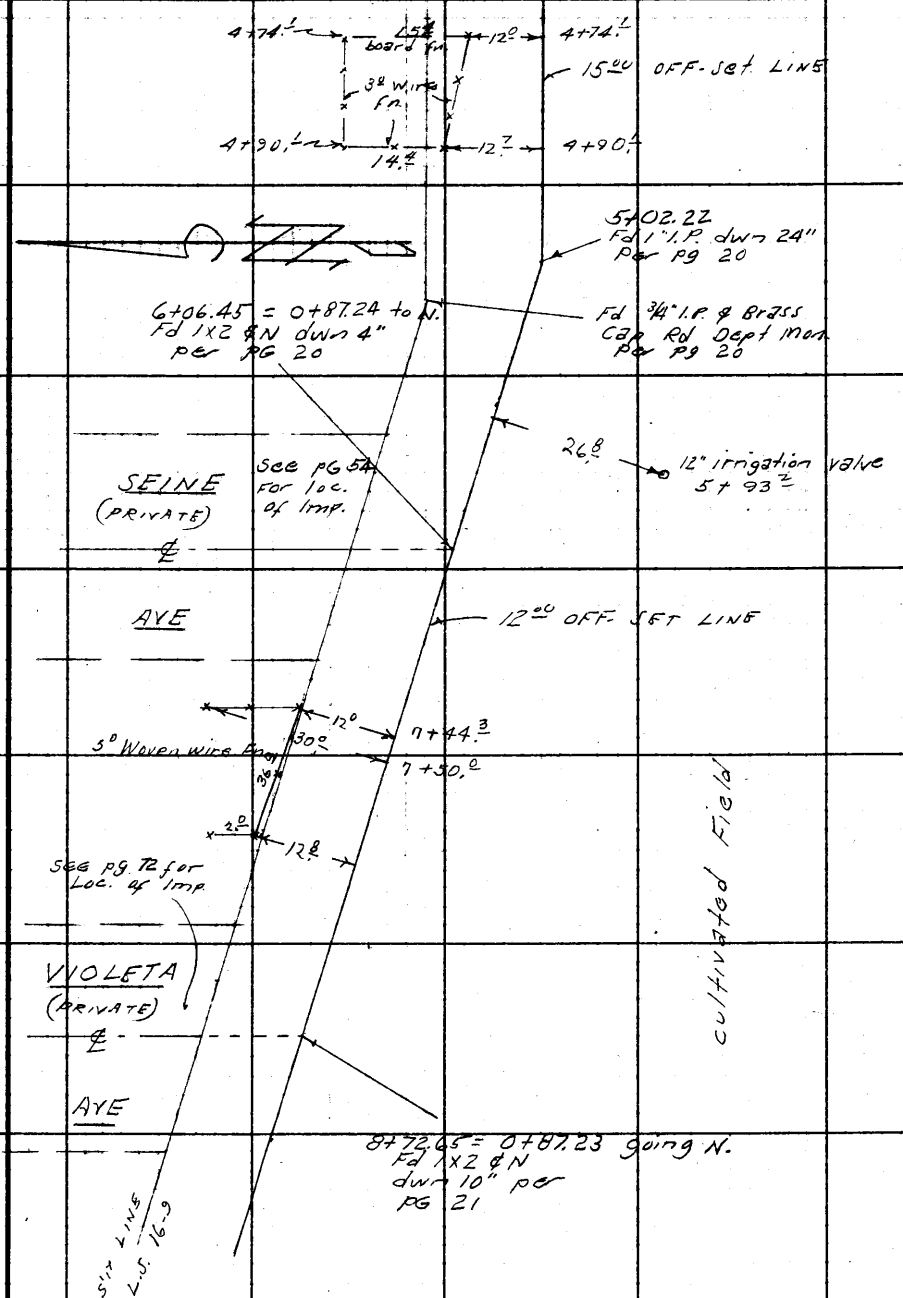
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Clarkdale Ave - S.S.D.	F. B. 2186 PG. 129
Map No.	JN 2087.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 2-26-59	
Date	Indexed A. C. Johnson	

FROM BOTT PG 128



To top PG 130

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

Do not extend notes this side of this line.

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

763098 CE #247—7-59

From 604 PG 129

F. B. 2186 PG. 130

27.8 → Ø 12" Irrigation Valve
10+88.6

see pg. 86 for Loc of Imp

CLARKDALE AVE

(PRIVATE)

11+38.68
Fd 1x2 @ N
dwn 12"
per PG 22

22.6 → 11+98.2

Frame Ho
22407

12.2 → 12+27.5

Rancho Los Cerritos
S'LY LINE L.S. 16-9

12.2 OFF SET LINE

Cultivated Field

See pg 100 for Loc. of Imp.

ARLINE AVE

(PRIVATE)

14+34.75
Fd 1x2 @ N
dwn 12"
per PG. 23

12.6 → 14+31.8

5" Board Fn

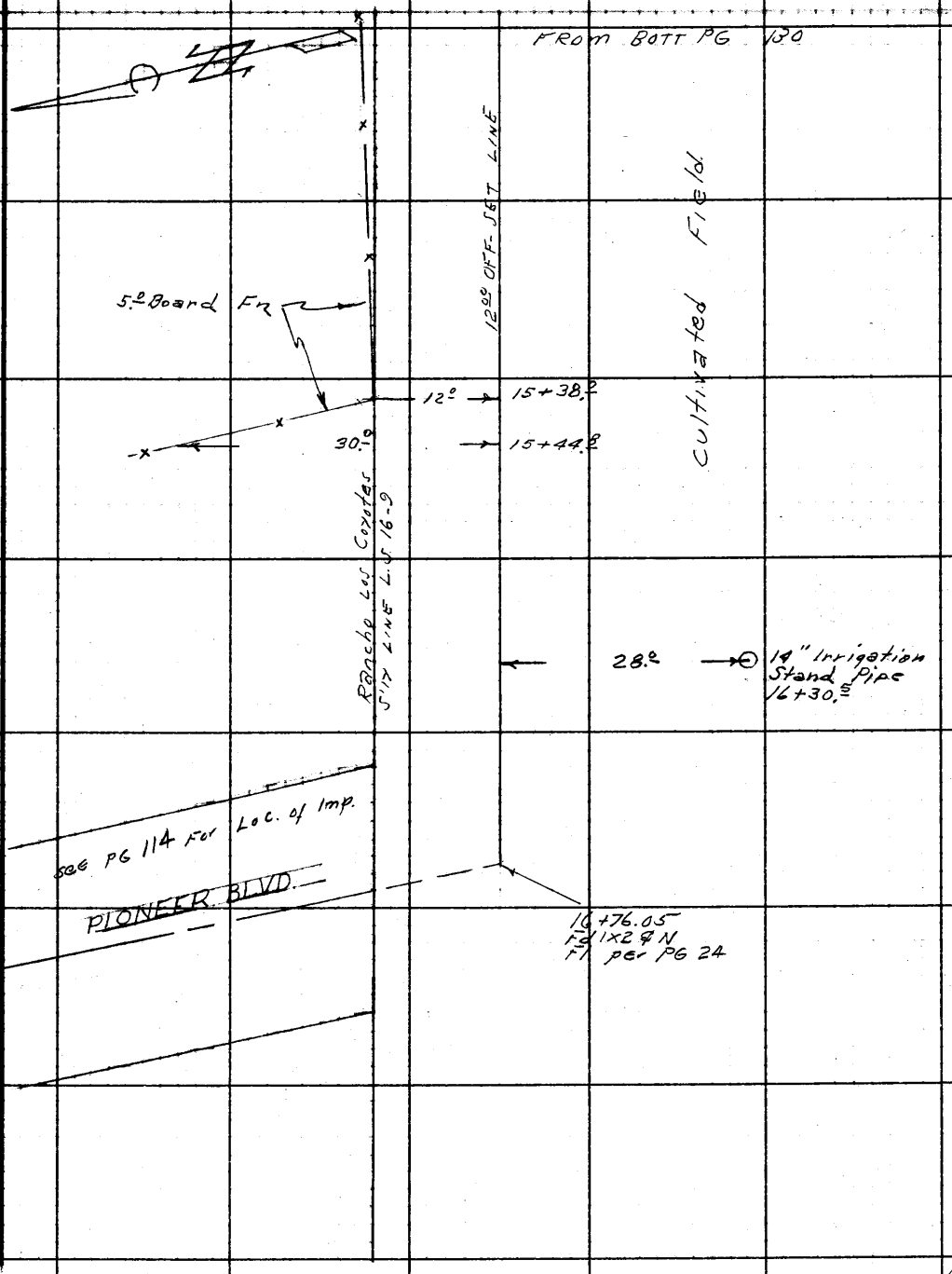
To TOP PG 131

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Clarkdale Ave. S.S.D.	F. B. 2186 PG. 131
Map No.	JN 2087.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 2- -59	
Date	Indexed A. C. Johnson	



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

Do not extend notes this side of this line.

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

763098 CE #247—7-53

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

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

Do not extend notes this side of this line.

F. B. 2186 PG. 132

Profile No. | Notes Red. | Plotted | Job No. 2087.34 Division No. 10 | F. B. 2186 Pg. 133
X-Sec. No. | Notes Chkd. | Checked | Survey of Clarkdale Ave - S.S.D.
Date | Date | Survey by Sappell Notes DS Date 3-5-59
Date | Date | Map No. | Inked C. Johnson Date

J.N. 2087.34

CLARKDALE AVE - S.S.D

CROSS - SECTIONS

OF

226TH ST. FROM FUNSTON AVE. W'LY to INT. OF S'LY LINE RANCHO LOS COYOTES (S'LY LINE L.S. 16-9) THENCE ALONG RANCHO LINE TO PIONEER BLVD

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

Party: Sappell
Shoemaker
Caro
Lieber

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

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

Do not extend notes this side of this line.

76293 S & E #307—7-55

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 48				26 62	BM NZ 48, El. 26.617, F.B. 1925-169 F.B. 2186-7, 226 TH. ST. & Funston Ave, P.M. on N. Rim of S.S.M.H. & Funston Ave & 4'± S. of N.P.L. 226 TH. ST.	
1+00	F.B. 2186-128			26 9	Int. ℄ prod Funston Ave &	15.00 off-set S'ly Line L.S. 16-9
1+00	S.M.H.			26 62	S.M.H. - N. Rim	9.4 R. (on ℄ prod Funston)
						Rim El. (M+D) = Invert.
				15 82	Inv. El. 21" Inlet No.	26.62 - (9.05+1.75) = 15.82
				15 68	" " 21" outlet So.	26.61 - (9.18+1.75) = 15.68
				16 20	" " 10" stub. E.	26.62 - (9.59+0.83) = 16.20
			Lenker Rod	16 07	" " 10" " W.	26.64 - (9.74+0.83) = 16.07
1+00				27 10		15' R S'ly Line L.S. 16-9
1+00	J.C.M.H.			27 56	15.4 L J.C.M.H.	N Rim
						Rim El. - (M+D) = Invert
				15 75	Inv. El. 21" Inlet N.	27.56 - (10.06+1.75) = 15.75
				15 76	" " " Outlet S.	27.52 - (10.01+1.75) = 15.76
				16 26	" " 10" inlet E.	27.57 - (10.48+0.83) = 16.26
				27 4	25' L gnd.	
2+00				27 2		15.00 OFF-SET.
				27 1		15 R S'ly Line L.S. 16-9
				27 2	40 L gnd	
2+25				27 5		15.00 off-set
				27 6	90' L gnd	

F. B. 2186 PG. 134 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave - S.S.D Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+00				274		15.00 OFF-SET
				275		15 R S'ly Line L.S. 16-9
				275	90 L gnd	
3+50.04				276	Int. ℄ Prod Devline	Ave & 15.00 OFF-set
(See pg 42 for add. el.)				273	90 L	
4+00				273		15.00 OFF-SET
			Lenker Rod	271		15 R S'ly Line L.S. 16-9
—				275	31° L Top brk	
				269	33 " bott "	
				268	90 " gnd.	
4+50				268		15.00 OFF-set - Top brk.
				270		15 R S'ly Line L.S. 16-9
4+62.5				261		15.00 OFF-set
				256		11 R bott brk
				265		23 " Top "
				271	5' L Top brk.	
				271	13.7 " " "	
				266	15.0 " bott "	
				273	17.5 " Top "	
4 + 83.6				271		15.00 OFF-set - Top slope

Profile Notes Red. ____ Plotted ____ Job No. 208734 Division No. 10 F. B. 2186 Pg. 135
No. ____ Date ____ Date ____ Survey of Clarkdale Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-5-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
5+02.22				273	int 15.00 OFF set & 12.00	OFF set F.B. 2186-129
				269		2.8 R bott brk
T.P.				2707	T.P.	
5+02.22				272		15' R at 90° to back line
				275	1.5 L Top brk	at 90° to back line
				266	3.0 " bott "	
				276	5.5 " Top "	
				270	90 " gnd	
6+06.45				275	PG 129 int ℄ prod Seine Ave & 12.00 OFF set, & Top Brk.	
(see PG 62 for add. Fl.)			Lenker Rod	266	3.3 L bott brk	
				274	6.0 " Top "	
				265	38 " gnd	
7+00				269	12.00	OFF set & bott brk
				275		12 R S'ly line L.S. 16-9
				275	2.8 L Top brk.	
				265	5.0 " bott "	
				274	7.5 " Top "	
				267	38 " gnd	
8+00				271	12.00	OFF-set & bott brk.
				275		12 R. S'ly Line L.S. 16-9
				275	2.5 L Top brk	

F. B. 2186 Pg. 136 Job No. 208234 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave - S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+00				266	6° L bott brk.	
				276	8 4 " Top "	
				270	11° " brk.	
				265	38 " gnd	
8+72.65				280	Int ℄ prod Violeta	℄ 12.00 OFF. set. - Top brk.
(See pg 78 for add El.)				274		3° R bott brk
			Lenker Road	270	2 8 L bott brk	
				279	6° " Top "	
				272	13° " brk.	
				272	38 " gnd	
BMNZ-81				2826	B.M NZ-81, El. 28.262	F.B. 2186 Violeta Ave
					(E. Side) 578'± So. of	℄ 223 Rd St. - Bt spk
					in bott step to	Ho # 22418
10+00				282	12.00	OFF. set ℄ Top brk
				278		3 6 R bott brk.
				278		12 " S'ly Line L.S. 6-9
				267	2 5 L bott brk.	
				283	5 7 " Top "	
				277	7 7 " bott "	
				275	38 " gnd.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 137
Date ____ Date ____ Survey of Clarkdale Ave - S.S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Sappe 11 Notes D.S. Date 3-5-59
Date ____ Date ____ Map No. ____ Index No. C. John Date

76298 S & E #307—7-55

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
11+00				282		12.00 OFF-set - Top brk
				277		3.3 R bott "
				278		12 "
				272	2.0 L bott brk	
				281	4.4 " Top "	
				273	14 " brk	
				272	38 "	
11+38.68			Lenker Rod	283	int ℄ Prod. Clarkdale Ave &	12.00 OFF-set- Top brk.
(See PG 92 for add El.)				278		4.0 R bott brk.
				271	1.5 L bott brk	
				282	4.0 " Top "	
				275	12.5 " brk	
				274	38 " gnd.	
12+00				284		12.00 OFF-set- ℄ Top brk.
				280		2.3 R bott brk
				280		12 " S'ly Line L.S. 16-9
				272	2.8 L Bott brk.	
				285	5.5 " Top "	
				277	13.3 " brk	
				276	38 gnd	
13+00				286		12.00 OFF-set. Top brk.

F. B. 2186 PG. 138 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave - S.S.D Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
13+00				278		3' R bott brk
				282		12 "
				275	3.5 L bott brk	
				285	6.2 " Top "	
				275	17.8 " brk	
				276	38 " gnd	
14+04.75	(See	PG 106 for	add El.)	279	Int ℄ prod Arline & 12.00 off set line - side slope	
T.P.			Lenker Rod.	2793	T.P.	
"				278		1.5 R bott brk
				283	1.0 L Top brk	
				274	3.0 " bott "	
				281	6.0 " Top "	
				275	18 " brk	
				276	38.0 "	
15+00				280	12.00 off-set & Top brk	
				277		4.0 'R bott brk
				282		12 "
				270	2.5 L bott brk	
				287	5.5 " Top "	
				275	19.0 " brk	
				274	38 " gnd	

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 139
No. ____ Date ____ Date ____ Survey of Clarkdale Ave. S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Samuel Notes D.S. Date 3-5-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
16+00				271	12.00	OFF-set & bott. brk.
				283		2.3 R Top brk
				277		12 " S'ly Line L.S. 16-9
				284	3.0 L Top brk	
				275	14.6 " bott "	
				276	38 " gnd.	
16+48			Lenker Rod	283	12.00	OFF set & Top brk.
				273		1.7 R bott "
				282		5.7 " Top "
				282		12 " S'ly Line L.S. 16-9
				273	45.0 L bott brk	
				286	51.0 " Top "	
16+73.0				280		4.6 R Top brk
				271		6.3 " bott "
				280		8.0 " Top "
16+76.05				286	Int ℄ prod Pioneer	& 12.00 OFF-set
(See PG 120 for add El.)				284		6.0 R Top brk
BMNZ 78				2824	BMNZ 78 El. 28.252 (E. Side) 271'± S. of ℄ in conc. dr. to Ho	F.B. 2186-6, Pioneer Blvd. 223 Rd St - Bt. Spk 22324 (So. strip)

F. B. 2186 PG. 140 Job No. 2087.34 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave. - S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

Notes Ck'd by	Survey of Clarkdale Ave - S.S.D.
Map No.	JN 2087.34 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. Date 3-15-50
Date	Indexed K. A. Johnson

F. B. 2186 Pg. 141

JN 2087.34

CLARKDALE AVE. - S.S.D.

LOC. OF IMP.

OF

WEST HALF OF THE INT. OF 223 RD. ST. & FUNSTON AVE.

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

765098 CE #247—7-53

part: Sappell
Shoemaker
Caro
Kiele

RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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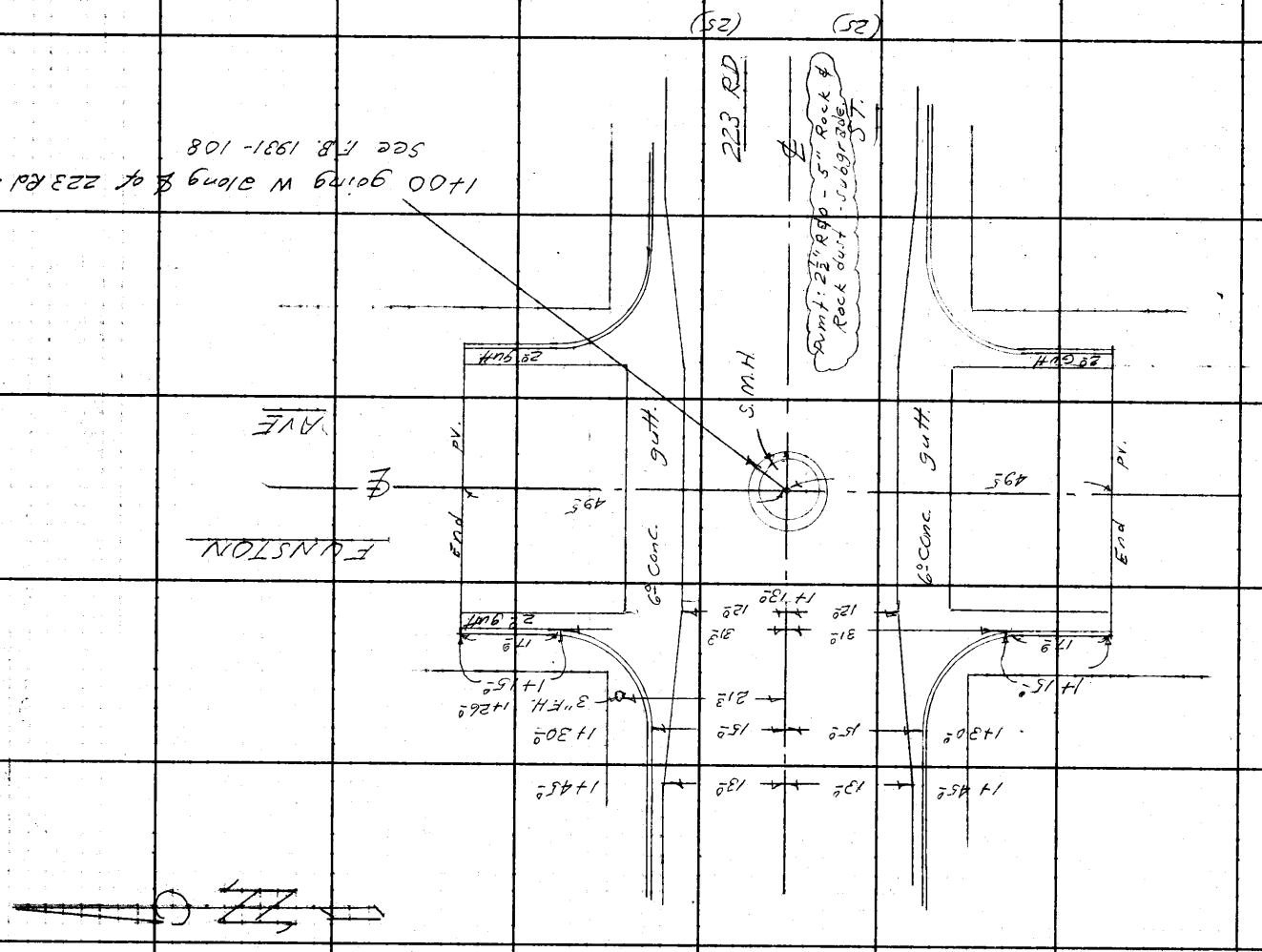

F. B. 2186 Pg. 142

Profile No.	Notes Red.	Plotted	Job No. 208734	Division No. 10	F. B. 2186	Pg. 143
	Date	Date	Survey of Clarkdale Ave - S.S.D.			
X-Sec. No.	Notes Chkd.	Checked	Survey by [illegible]	Notes D.S	Date 3-5-59	
	Date	Date	Map No.	Index C. Johnson	Date	

JN. 208734

CLARKDALE AVE - S.S.D

CROSS - SECTIONS

OF

WEST HALF OF THE INT. OF 223 RD. ST & EUNSTON AVE

STATION	B. S.	H. I.	F. S.	ELEV.
		Party: Sappell		
		Shoemaker		
		Caro		
		Lieber		

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76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	Note Elev. may change with new adj.	
BM NZ-49				28 73	BM NZ-49, El. 28.726, F.B. 2186-10 1925-169, Funston Ave.	
					& 223 Rd. St., S.W. cor. - Bt. spk in 1st	
					Step of porch to Ho. # 22303 Funston Ave.	
1+00	going W. along ℄ 223 Rd.				S.M.H. at - ℄ int Funston St. & 228 Rd.	
						Rim El. - (M+D) = invert
				16 39	Inv. El. 21" inlet N.	26.60 - (8.46+1.75) = 16.39
				16 39	" " 21" outlet S.	26.61 - (8.47+1.75) = 16.39
				17 48	" " 8" stub E	26.60 - (8.45+0.67) = 17.48
				17 52	" " 8" stub W.	26.61 - (8.42+0.67) = 17.52
				26 25		15' R F/L "X" gutt.
			Lenker Rod.	26 56		31.3 R ℄ Funston.
				26 70		49.5 " " " End pv.
				26 33	15' L F/L "X" gutt.	
				26 65	31.0 " (℄ Funston)	
				26 74	49.5 " End pv. (℄ Funston)	
1+13				26 63		℄ 223 Rd.
				26 34		12 R ∡ PT Ed "X" gutt.
				26 31		15 " F/L " "
				26 32		18 " int. Edges of gutters
				26 41		31.3 " Ed gutt.
				26 40		49.2 " cor. "
				26 38	12 L ∡ Pt. Ed "X" gutt.	
				26 35	15 " F/L " "	
				26 38	18 " int edges of gutters.	

F. B. 2186 Pg. 144 Job No. 208734 Division No. 10 Notes Red. Plotted Profile
Survey of Clarkdale Ave - S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
				26 42	31° L Ed gutt.	
1+13				26 40	48° L cor. "	
1+15						℄ 223 Rd.
				26 27	bott cb	31³ R N. end C.R. N.W. cor
				28 87	Top "	31³ " " " "
			Lander Rod	26 28		49² " bott cb. (End)
				26 90		49² " Top "
				26 27	31° L bott cb. - S. end C.R. S.W. cor.	
				26 88	31° " Top " - " " "	
				26 33	48° " bott cb (End)	
				26 90	48° " Top "	
1+30				26 61		℄ 223 Rd
				26 24	bott cb.	15 R W. end C.R. N.W. cor.
				26 85	Top "	15 " " " "
				27 5		25 " P/L
				26 27	15 L bott cb - W. end C.R. S.W. cor.	
				26 92	15 " Top " - " " "	
				27 8	25 " P/L	
1+45				26 59		℄ 223 Rd
				26 39		13° R 4 PT. Ed gutt.
				26 40	13° L 4 PT. Ed gutt.	
BM NZ-49				28 73	BM NZ 49 El. 28.726	see PG 144 for descrip.

Profile Notes Red. ____ Plotted ____ Job No. 2087.34 Division No. 10 F. B. 2186 Pg. 145
No. ____ Date ____ Date ____ Survey of Clarkdale Ave. - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-6-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
C. Johnson

F. B. 2186 Pg. 146

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

76298 S & E #307—7-55

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

F. B. 2186 PG. 147

NOTES RED. JOB NO. 2089.34 SURVEY OF Joliet Ave - S.S.D.
DATE SURVEY BY D. Sappell
NOTES CHKD. Miller NOTES BY D.S. DATE 3-6-59
DATE March 1959 INDEXED C. Johnson DATE 7-11-59

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DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 2089.34 JOLIET AVE - S.S.D. BENCH LEVELS FROM NORWALK BLVD to FLAINE AVE ON 223 RD ST.		indexed 7-24-59			party: Sappell Shoemaker Cano Lieber	

765420 S & E-353 4-54

JOB NO. 2089.34 SURVEY OF Joliet St. - S.S.D. NOTES RED.
SURVEY BY D. Sappell DATE
NOTES BY D.S. DATE 3-6-59 NOTES CHKD. Miller
INDEXED C. Johnson DATE DATE March 1959

F.B. 2186 PG. 148

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
(Fd) BM NZ-3	28.283 ✓				28.283	BM NZ-3, El. 28.283, ✓ F.B. 1931-7, Norwalk
+	4.377		4.547			Blvd (w. side) at 222 Nd St. to E. Bt. Spk
⊼	32.660 ✓	+0.052	+0.056	+.054		in N.E. cor. walk to Market # 22203
−	4.325		4.491			
(Fd) BM NZ-4	28.335 ✓				28.337	BM NZ-4, El. 28.347 F.B. 1931-7, Norwalk
+	3.096		2.903	3.208		Blvd & 223 Rd. St., S.W. Cor. L&T. in
⊼	31.431 ✓	-1.618	-1.628	-1.621		walk to Ho # 22307 (N.E'ly Most L&T.)
−	4.714		4.531	4.829		
(set) BM NZ 89	26.717 ✓				26.718	BM NZ 89 El. F.B. 2186-148
+	4.039		4.186			223 Rd St. & Ibex Ave., N.E. cor. - Bt.
⊼	30.756 ✓	-0.424	-0.424			Spk in cb 10.5 E of E. end C.R.
−	4.463		4.610			
(set) BM NZ 90	26.293 ✓				26.294	BM NZ 90 El. F.B. 2186-148
+	4.768		4.698			223 Rd St. & Horst Ave, N.E. cor. - Bt
⊼	31.061 ✓	-0.315	-0.319	-.317		Spk in cb, 5° E of E. end C.R.
−	5.083		5.017			
(set) BM NZ 91	25.978 ✓				25.977	BM NZ 91 El. F.B. 2186-148
+	4.938		5.918	5.691		223 Rd St. & Joliet Ave, S.E. cor.
⊼	30.916 ✓	+0.164	+0.157	+0.159		Bt Spk in cb 4° E of E end C.R.
−	4.774		5.761	5532		
(set) BM NZ 92	26.142 ✓				26.135	BM NZ 92 El. F.B. 2186-148
+	4.379		4469			223 Rd St. & Juan Ave, S.W. cor., Bt
⊼	30.521 ✓	+0.120	+0.118	+.119		Spk in cb, 4.5 W. of W. end C.R.
−	4259		4.351			
(set) BM NZ 93	26.262 ✓				26.254	BM NZ 93 El. F.B. 2186-148
+	5.077		4932			223 Rd St. & Elaine Ave, N.E. cor. - Bt
⊼	31.339 ✓	+2.414	+2.416			Spk in cb, 6° E. of E. end C.R.
−	2663		2.516			
(Fd) BM NZ 49	28.676 ✓				28.669	BM NZ 49. El. 28.726 ✓ F.B. 1925-169, Funston
						Ave & 223 Rd St., S.W. Cor. - Bt Spk in
						First step of porch to Ho # 22303 Funston Ave.

765420 S & E-863 4-54

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NOTES RED. JOB NO. 2089.34 SURVEY OF Joliet Ave.
DATE SURVEY BY D. Zappelli
NOTES CHKD. Miller NOTES BY C. Johnson DATE 3-6-52
DATE March 12 52 INDEXED DATE
F.B. 2186 PG. 143

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM NZ 49	28.676				28.669	BM NZ 49 Description pg 148
+	3.277		3.018			
π	31.953	-1.302	-1.304	-1.303		
−	4.579		4.322			
T.P.	27.374				27.366	T.P. 1x1 W. side Funston
+	5.032		4.897			
π	32.406	+0.410	+0.411	+.410		
−	4.622		4.486			
TP	27.784				27.776	T.P. " " "
+	4.743		4.949			
π	32.527	+0.072	+0.070	+.071		
−	4.671		4.879			
T.P.	27.856				27.847	T.P. 1x1 N. side 221 ST. ST.
+	4.434		4.199			
π	32.290	+0.607	+0.609	+.608		
(Fd)	3.827		3.590			
BM NZ-23	28.463				28.455	BM NZ-23 El. 28.500 F.B. 1931-13, 221 ST.
+	4.203		4.517			St. & Elaine Ave, S.E. Cor. - Bt. Spk
π	32.666	-0.569	-0.569	-.569		in porch to Ho 22102
−	4.772		5.086			
T.P	27.894				27.886	T.P. 1x1 N side 221 ST. ST.
+	4.464		4.649			
π	32.358	+0.470	+0.471	+.470		
−	3.994		4.178			
Fd						
BM NZ-24	28.364				28.356	BM NZ 24 El. 28.403 F.B. 1931-13 221 ST.
+	5.388		5.232			St. & Juan Ave (to E.) S.W. cor. - Bt.
π	33.752	+2.500	+2.501			Spk in walk to Ho 22101 Juan Ave.
−	2.888		2.731			
T.P.	30.864				30.856	T.P. 1x1. E. bank S.D. Channel

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	30.864 ✓				30.856	T.P.
+	0.993		1.278			
⊼	31.857 ✓	-3.391	-3.394	-3.393		
−	4.384		4.672			
(Fd) BM NZ 26	27.473 ✓				27.463	BM NZ 26 El. 27.501 F.B. 1931-13 221 ST.
+	4.362		4.037			st. & Horst Ave. N.E. cor. - Bt. spk in
⊼	31.835 ✓	+0.738	+0.739			walk to Ho. (no #)
−	3.624		3.298			
(set) BM NZ 94	28.211 ✓				28.201	BM NZ 94 El. F.B. 2186-150
+	3.652		3.838			Joliet Ave. & 221 ST st. (W. side Joliet)
⊼	31.863 ✓	-1.099	-1.100			14'± N. of ℄ 221 ST. ST. - Bt. spk in N'w
−	4.751		4.938			End of conc. head wall.
T.P.	27.112 ✓				27.102	T.P.
+	4.369		4.125	4.239		
⊼	31.481 ✓	+0.251	+0.246	+0.249		
−	4.118		3.879	3.990		
TP	27.363 ✓				27.352	
+	4.300		4.105			
⊼	31.663 ✓	+1.162	+1.163			
−	3.138		2.942			
(Fd) BM NZ 27	28.525 ✓				28.514	BM NZ-27 El. 28.526 F.B. 1931-13
+	2811		3.092			221 ST. ST. & Ibex Ave.-, S.W. cor., ½"
⊼	31.336 ✓	-0.587	-0.588			Iron rod in N.E. cor. porch to Ho # 22101
−	3.398		3.680			
(Fd.) BM NZ-2	27.938 ✓				27.926	BM NZ-2 El. 27.916 F.B. 1931-7 Norwalk
+	4172		4165			Blvd & 221 st. st. N.W. cor. - L&T. in walk to
⊼	32.110 ✓	+0.352	+0.355			Ho. #22029, 50'± W. of ℄ of Norwalk Blvd.
−	3820		3810			
(Fd) BM NZ-3	28.290 ✓				28.279	BM NZ 3 El. 28.283 F.B. 1931-7 Norwalk Blvd. (W. side)
						at 222nd st. to E., Bt. spk in N.E. cor.
						walk in front of Market Bldg. # 22203

(cont. PG 151)

JOB NO. 2089.34 SURVEY OF Joliet Ave. S.S.D. NOTES RED.
SURVEY BY D. Sappell DATE
NOTES BY D.S. DATE 3-9-59 NOTES CHKD Miller
INDEXED C. Johnson DATE DATE March 1959

F.B. 2186 PG. 150

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM NZ-3	28.290 ✓				28.279	BM NZ-3' (See pg 150)
+	4.455		4.295			
π	32.745 ✓	-0.427	-0.430	-.429		
−	4.882		4.725			
T.P.	27.863 ✓				27.850	T.P. Spk W. side Norwalk
+	4.840		4.595			
π	32.703 ✓	+1.450	+1.449	+1.449		
−	3.390		3.146			
T.P.	29.313 ✓				29.299	T.P. " "
+	4.475		4.699			
π	33.788 ✓	-0.867	-0.864	-.865		
−	5.342		5.563			
T.P.	28.446 ✓				28.434	
+	4.796		4.650			
π	33.242 ✓	+0.911	+0.907	+.909		
−	3.885		3.743			
Fd. BM NZ 1	29.357 ✓				29.343	BM NZ 1, El. 29.340 F.B. 1931-6
+	4.321		4.455			Norwalk Blvd & 219TH. ST., S.W. cor.,
π	33.678 ✓	+0.122	+0.121	+.121		L&T. in walk to Ho. # 21901
−	4.199		4.334			
T.P.	29.479 ✓				29.464	T.P. Spk. W. side Norwalk
+	4.749		4.462			
π	34.228 ✓	+0.498	+0.498	+.498		
−	4.251		3.964			
T.P.	29.977 ✓				29.962	T.P. (El. 29.678 ✓, F.B. 1209-20, R.M-1 Artesia
+	5.326		5.210			D-9 (U.S. 3917) Near the int of Norwalk
π	35.303 ✓	-0.283	-0.285	-.284		Blvd & Carson St. 46.3'N of the ℄ of
−	5.609		5.495			Carson St. & 46.4'W. of the ℄ of Nor-
BM 8-21	29.694 ✓				29.678	BM 8-21 walk Blvd. a L.A. Co Survey Cont. Sys.
						std disc. stamped "Artesia D-9 R.M. No.
						1 1943" & set in the top of a conc. post

NOTES RED. JOB NO. 208934 SURVEY OF Joliet Ave. S.S.D.
DATE SURVEY BY D. Sappell
NOTES CHKD. [illegible] NOTES BY D.S. DATE 3-9-59
DATE March 1959 INDEXED C. Johnson DATE

F.B. 2186 PG. 157

(20" below the surf.

F. B. 2186 Pg. 152

JOB NO. ______ SURVEY OF ______ NOTES RED. ______

SURVEY BY ______ DATE ______

NOTES BY ______ DATE ______ NOTES CHKD. Miller

INDEXED ______ DATE ______ DATE March 1959

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

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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768420 B & E-353 4-54

NOTES RED. JOB NO. 2089.34 SURVEY OF Joliet St. SSD
DATE SURVEY BY D. Sappell
NOTES CHKD. Miller NOTES BY D.S. DATE 3-18-59
DATE May 1961 INDEXED A. C. Johnson DATE 3-24-59

F. B. 2166 PG. 153

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 2089.34						
JOLIET AVE - S.S.D.						
BENCH LEVELS						
ESTAB. NEW EL. OF BM 112-42						
	indexed 7-24-59					
					Party: Sappell Shoemaker Caro Lieber	

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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725 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 4-54

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Fd) BM NZ-3	28.283 ✓				28.283	BM NZ-3 El. 28.283 F.B. 2186-148 F.B. 1931-7, Norwalk
+	4.372		4.568			Blvd (W. side) at 222 N.D. St. (to E.) - Bt. spk
π	32.655 ✓	+0.054	+0.053	+.054		in N.E. cor walk to Market #22203
(Fd)	4.318		4.515			
BM NZ 4	28.337 ✓				28.337	BM NZ 4 El. 28.337 F.B. 1931-7 F.B. 2186-148 Norwalk
+	4.337		4.455			Blvd & 223 Rd. St., S.W. cor. L&T. in
π	32.674 ✓	-0.619	-0.620		-0.6195	walk to Ho #22307 (N. E'ly most L&T.)
−	4.956		5075			
T.P.	27.718 ✓				27.7200	T.P. spk W. side Norwalk
+	4.591		4.348			
π	32.309 ✓	-0.106	-0.107		-0.1065	
−	4.697		4.455			
T.P.	27.612 ✓				27.6160	T.P. " "
+	4.430		4.602			
π	32.042 ✓	+1.416	+1.415		+1.4155	
(Fd)	3014		3187			
BM NZ 42	29.028 ✓				29.035	29.034 BM NZ 42 El. 29.126, F.B. 1925-168
+	3.813		3483			226 TH. ST. & Norwalk Blvd, S.W. cor.
π	32.841 ✓	-0.559	-0.556		-0.5575	Bt spk in curved cb. 13'± W. of E. end
(Fd)	4.372		4039			
BM NZ 43	28.469 ✓				28.479	BM NZ-43 El. 28.479 F.B. 1925-168
+	4.391		4.592			226 TH ST. (S. side) at Ibex Ave., L&T. in
π	32.860 ✓	-0.713	-0.714	-.713		conc. floor to feed rack, 58' S. of N.
(Fd)	5104		5.306			P/L 226 TH ST. on ℄ prod of Ibex Ave
BM NZ-44	27.756 ✓				27.766	BM NZ-44 El. 27.766 F.B. 1925-168
						226 TH ST. (S. Side) at Horst Ave, L&T.
						in conc. floor of feed rack 63'± S.
						of N P/L 226 TH ST. on ℄ prod Horst Ave

JOB NO. 2089.34 SURVEY OF Violet Ave. S.S.D. NOTES RED.
SURVEY BY D. Sappell DATE
NOTES BY D.S. DATE 3-18-59 NOTES CHKD.
INDEXED C. Johnson DATE DATE

F.B. 2186 PG. 154

NOTES RED. JOB NO. 2089.34 SURVEY OF Joliet Ave - S.S.D. F. B. 2186 PG. 155

DATE SURVEY BY D. Sappell

NOTES CHKD Miller NOTES BY D.S. DATE 3-20-59

DATE May 1961 INDEXED A. C. Johnson DATE

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

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PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

76420 S & E-353 4-54

DESCRIPTION	J. N. 2089.34 JOLIET AVE - S.S.D BENCH LEVELS From INT. OF 223 Rd ST. & JUAN AVE TO JUAN AVE & 226 TH ST. TO 226TH ST. & ELAINE AVE TO ELAINE AVE & 223 RD. ST.
ADJ. ELEV.	Note: BM NZ 46 Has been destroyed F.B. 1925-169
3RD RUN	
2ND RUN	Indexed 7-24-59
DIFF.	
1ST RUN	Party: Sappell Shoemaker Car 0
B.M.	

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Fd) BM NZ 92	26.135 ✓				26.135.	BM NZ 92, El. 26.135 F.B. 2186-148
+	4.558		5.015			223 Rd St. & Juan Ave. - S. W. cor. - Bt. spk.
⊼	30.693 ✓	+0.526	+0.523	+.524		in cb. 45 W. of W. end C.R.
−	4032		4.492			
T.P.	26.661 ✓					T.P.
+	5648		5464			
⊼	32.309 ✓	+0.387	+0.388	+.387		
−	5261		5076			
(Set) BM NZ 95	27.048 ✓				27.046	BM NZ 95, El. F.B. 2186-156
+	4684		4751			226 TH. ST. & Juan Ave., 25° E & 7° S. of
⊼	31.732 ✓	+0.230	+0.231	+.230		int N'P/L 226 TH. St. & ℄ Juan Ave.
−	4454		4520			Bt. spk in S. end conc. head wall.
(Fd) BM NZ 47	27.278 ✓				27.276	BM NZ 47 El. 27.327, F.B. 1925-169, 226 TH
+	4368		4223			St. & Elaine Ave. - Bt. spk in fn. post
⊼	31.646 ✓	-1.054	-1.054	-1.054		4' S. & 5' E of int ℄ of Elaine Ave
−	5422		5277			& N. P/L of 226 TH. St.
(Set) BM NZ-96	26.224 ✓				26.222	BM NZ 96 El. F.B. 2186-156,
+	5074		5177			Elaine Ave (W. side) 661' S. of ℄ of
⊼	31.298 ✓	-0.072	-0.075	-.074		223 Rd St. - Bt spk in cb. - 14' N. of S. end
−	5146		5252			
T.P.	26.152 ✓					T.P.
+	5203		5186			
⊼	31.355 ✓	+0.106	+0.109	+.106		
−	5097		5077			
(Fd) BM NZ-93	26.258 ✓				26.254	B.M. NZ 93, El. 26.254, F.B. 2186-148
						223 Rd St. & Elaine Ave, N.E. cor.
						Bt spk in cb. 6° E of E end C.R.

JOB NO. 2089.34 SURVEY OF Joliet Ave. - S.S.D. NOTES RED
SURVEY BY D. Sappell DATE
NOTES BY D.S. DATE 3-20-59 NOTES CHKD.
INDEXED A. C. Johnson DATE DATE

F. B. 2186 PG. 156

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

Survey of Joliet Ave. S.S.D. F.B. 2186 Pg. 157
JN 2089.34 Tape Std °F
Surveyed by D. Sappell
Notes D.S. 8 Date 2-59
Indexed K. C. Johnson 3-24-59

J.N. 2089.34

JOLIET AVE. - S.S.D.

LOC. OF IMP.

OF

W. SIDE OF NORWALK BLVD.

FROM

S'LY LINE L.S. 16-9 TO 221 ST. ST.

Party: Sappell
Shoemaker
Caro
Lieber

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

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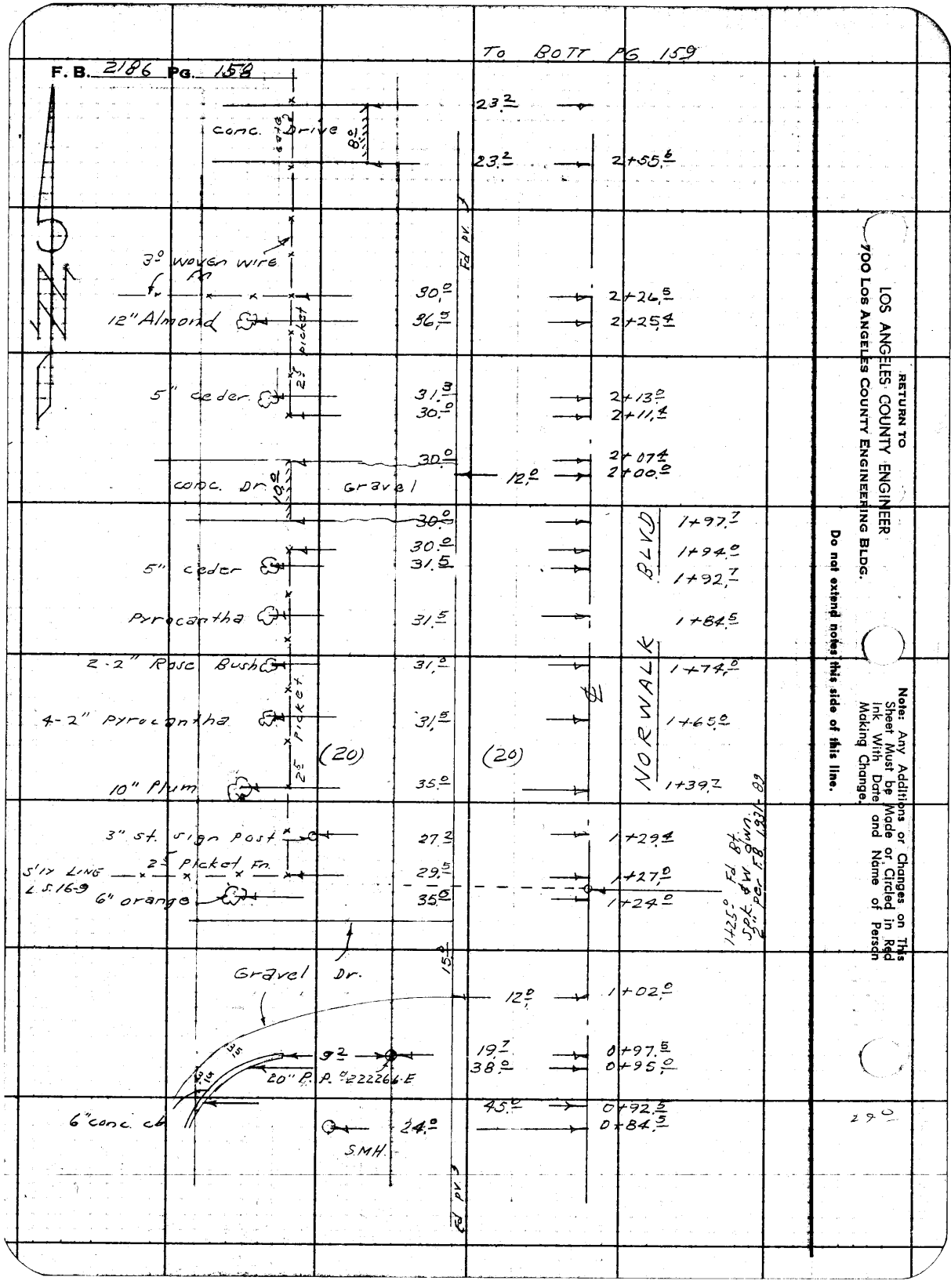
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76B098 CE #247—7-58


F. B. 2186 PG. 158
To BOTT PG 159
conc. Drive
8.0
23.2
23.2
2+55.6
3.0 woven wire Fn
12" Almond
2.5 picket
30.0
36.5
2+26.5
2+25.4
5" ceder
31.3
30.0
2+13.0
2+11.4
30.0
2+07.4
2+00.0
12.0
conc. Dr.
10.0
Gravel
30.0
30.0
31.5
1+97.7
1+94.0
1+92.7
5" ceder
Pyrocantha
31.5
1+84.5
2-2" Rose Bush
31.0
1+74.0
4-2" Pyrocantha
31.5
1+65.0
(20)
(20)
10" Plum
35.0
1+39.7
NORWALK BLVD
3" st. sign post
27.2
1+29.4
2.5 Picket Fn.
S'ly LINE L.S. 16-9
29.5
1+27.0
6" orange
35.0
1+24.0
1+25.0 Fd Bt. Spk. & W. dwn. 2" per F.B. 1931-89
Gravel Dr.
15.0
12.0
1+02.0
9.2
19.7
38.0
0+97.5
0+95.0
20" P.P. #222266-E
45.0
0+92.5
0+84.5
6" conc. cb
24.0
S.M.H.
Fd PV
Fd PV
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
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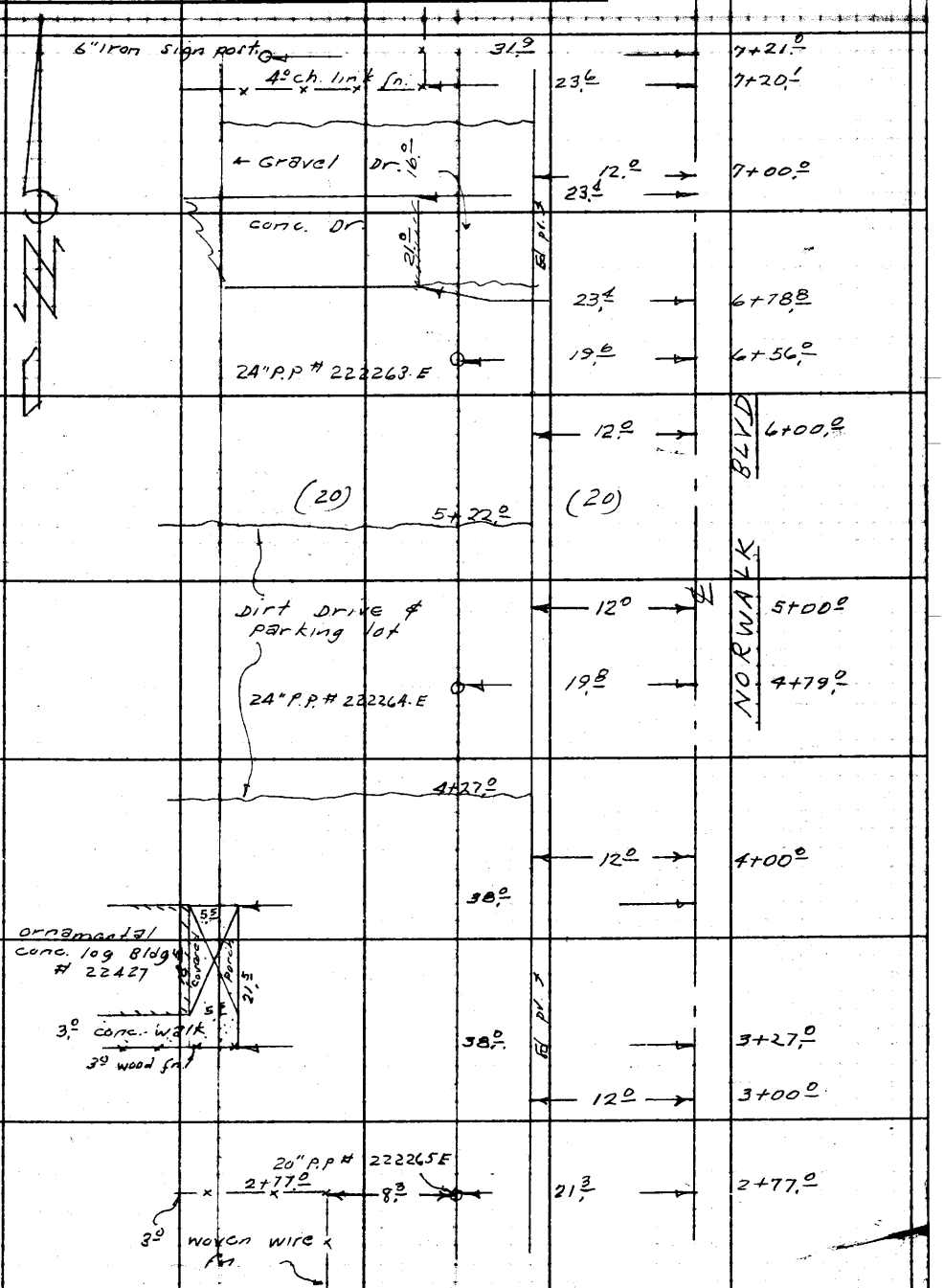
Notes Ck'd by	Survey of Joliet Ave. S.S.D	F. B. 2186 PG. 159
Map No.	JN 2089.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	TO BOTT PG 160
Checked	Notes D.S. & C.E.S. Date 3-12-59	
Date	Indexed C. Johnson	



FROM TOP PG 158

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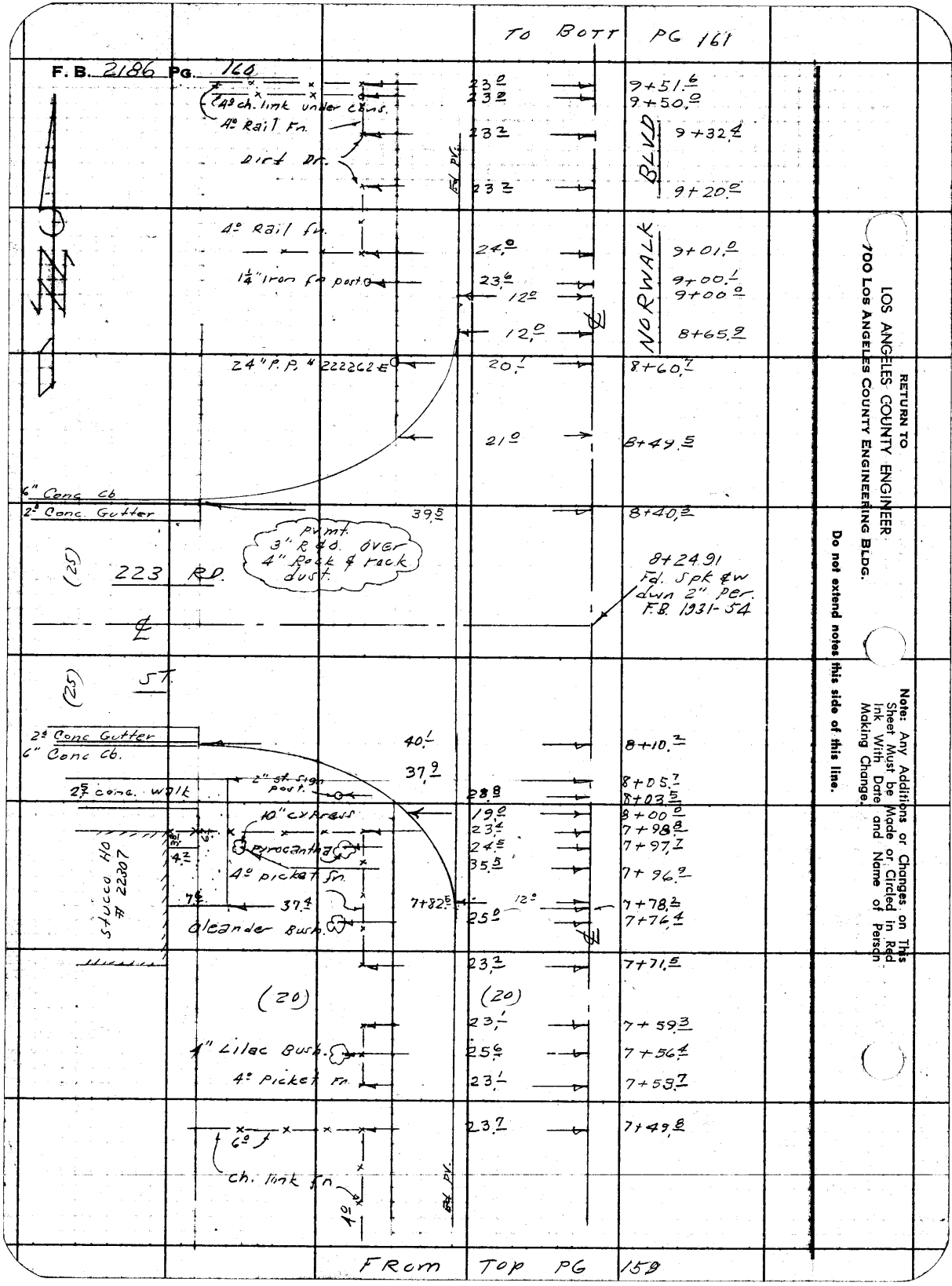
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

768095 CE #247—7-59



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Notes Ck'd by	Survey of Joliet Ave - S.S.D.
Map No.	JN 2089.34 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.J. & C.E.S. Date 7-12-59
Date	Indexed C. Johnson

F. B. 2186 PG. 161

TO DOTT PG 162

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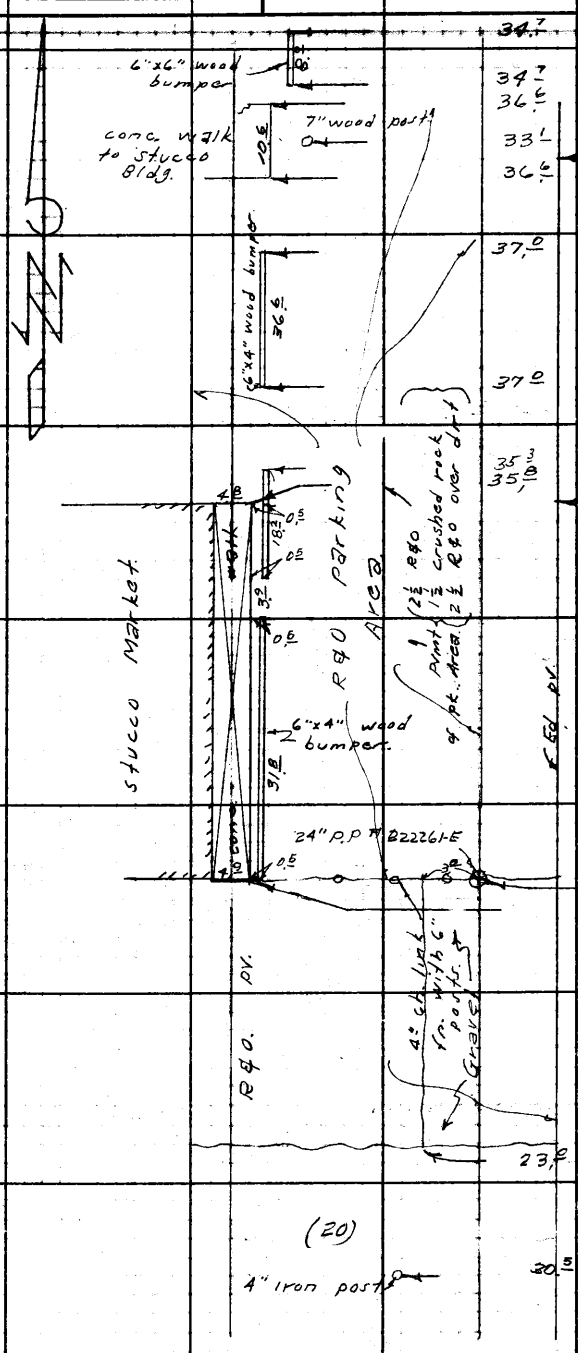
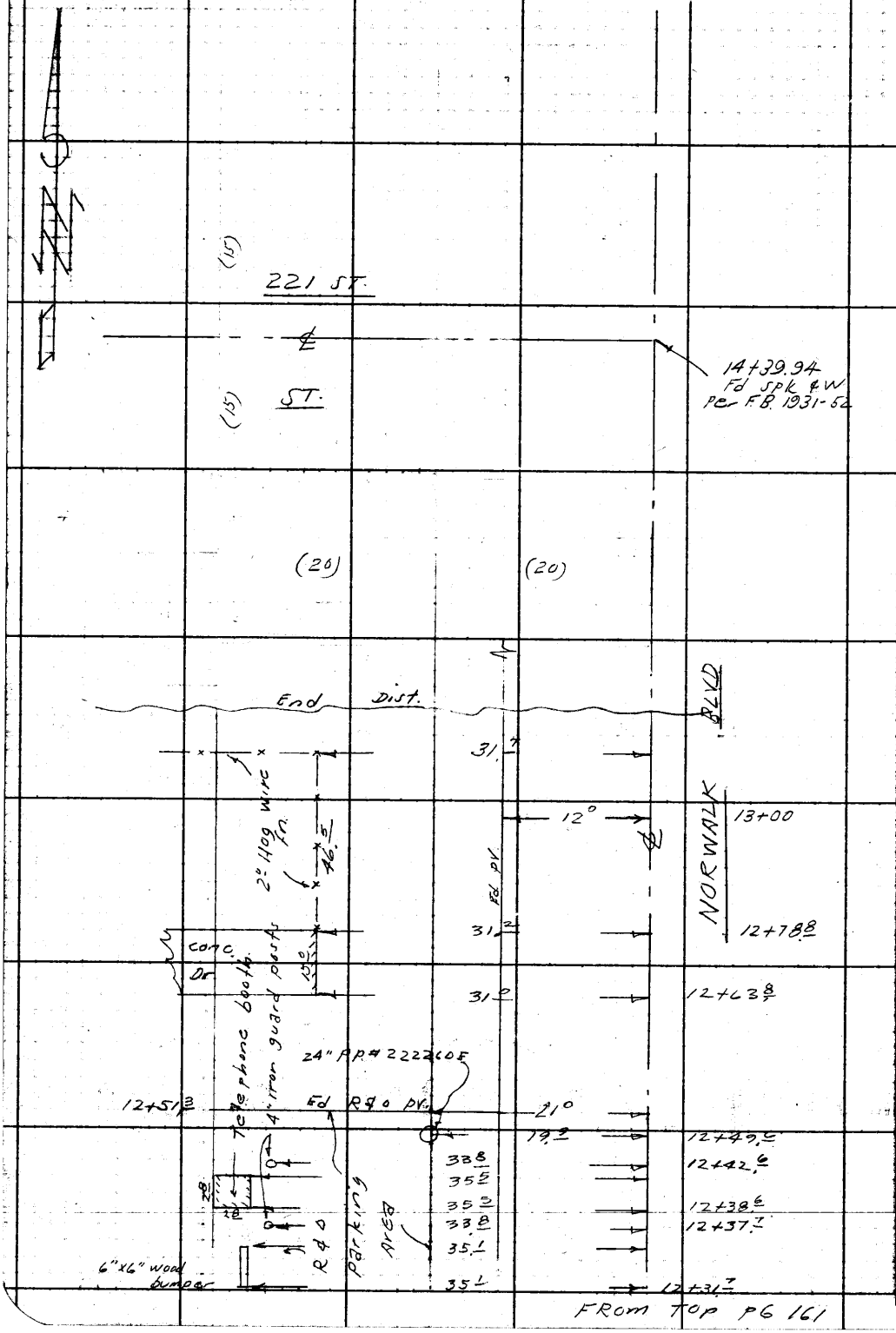
769008 CE #247—7-58



FROM TOP PG 160

F. B. 2186 PG. 162



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Profile No. | Notes Red. | Date | Plotted | Date | Job No. 208934 | Division No. 10 | F. B. 2186 | Pg. 163
X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Joliet Ave - S.S.D.
Survey by Sappell | Notes DS | Date 3-18-59
Map No. [illegible] C. Johnson | Date

JN. 2089.34

JOLIET AVE - S.S.D.

CROSS-SECTIONS

OF

W. SIDE NORWALK BLVD

FROM

S'LY LINE L.S. 16-9 TO 221 ST. ST.

STATION	B. S.	H. I.	F. S.	ELEV.
		Party: Sappell Shoemaker & Lieber		

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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700 Los Angeles County Engineering Bldg.

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76298 S & E #307—7-55

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 42				29 03. ~~29 13~~	BM NZ 42, El. ~~29.126~~ 29.034 (See F.B. 2186-154 for new adj) F.B. 1925, 168, 226 TH ST. ℄ Norwalk Blvd, S.W. cor Bt Spk in curved cb., 13'± W. of E. end	
0+84.5		S.M.H.		27 ~~91~~ 81	24° L. N. Rim S.M.H. Rim El. -(M+D) = invert.	
				18 ~~59~~ 49	Inv. El. 8" Inlet E. 27.~~86~~ 70 -(8.60 + 0.67) = 18.~~59~~ 49	
				19 ~~20~~ 10	" " 8" stub. N. 27.~~91~~ 81 -(8.04 + 0.67) = 19.~~20~~ 10	
				18 ~~62~~ 52	" " 10" outlet W. 27.~~93~~ 83 (8.48 + 0.83) = 18.~~62~~ 52	
0+84.5				27 ~~85~~ 75	℄ Norwalk.	
			Lenker Rod	27 ~~62~~ 52	12' L Fd pv.	
				27 ~~5~~ 4	17 " F/L	
				27 ~~9~~ 8	20 " P/L & Top brk.	
				28 ~~6~~ 5	40 " gnd.	
1+25	(F.B. 2186-158)			27 ~~86~~ 76	Int prod S'ly Line L.S.16-9 & ℄ Norwalk.	
				27 ~~61~~ 51	12' L Fd pv.	
				27 ~~4~~ 3	17 " F/L	
				27 ~~7~~ 6	20 " P/L	
				27 ~~80~~ 9	40 " gnd.	
2+00				27 ~~91~~ 81	℄ Norwalk	
				27 ~~66~~ 56	12 L Fd pv.	
				27 ~~6~~ 5	17 " F/L	
				27 ~~9~~ 8	20 " P/L	
				28 0	40 " gnd	

F. B. 2186 PG. 164 Job No. 2089.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed ~~K. C. Johnson~~ Date Date Date No.

76L-298 S & E #307—1-56

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700 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.		
3+00				27 ~~93~~ 83		℄ Norwalk
				27 ~~68~~ 58	12 ' L Ed pv.	
				27 ~~7~~ 6	20 " P/L	
				~~28 0~~ 27 9	40 " gnd	
4+00				~~28 02~~ 27 92		℄ "
			Lenker Rod	27 ~~68~~ 58	12 L Ed pv.	
				27 ~~6~~ 5	20 " P/L	
				~~28 0~~ 27 9	40 " gnd	
4 +75				27 5	128.9 L back lot line	
T.P.				27 ~~62~~ 59	T.P.	
5+00				~~28 04~~ 27 94		℄ "
				27 ~~75~~ 65	12 L Ed pv.	
				27 ~~7~~ 6	20 " P/L	
				28 ~~2~~ 1	40 " gnd.	
6+00				~~28 05~~ 27 95		℄ "
				27 ~~73~~ 63	12 L Ed pv	
				27 ~~5~~ 4	20 " P/L	
				27 ~~6~~ 5	40 " gnd.	
7+00				~~28 04~~ 27 94		℄ "
				27 ~~84~~ 74	12 L Ed pv.	
				27 ~~8~~ 7	20 " P/L	
				~~28 0~~ 27 9	40 " gnd.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2186 Pg. 165
X-Sec. No. ____ Date ____ Date ____ Survey of Joliet Ave. S.S.P.
Notes Chkd. ____ Checked ____ Survey by Sappell Notes P.S. Date 3-18-59
Date ____ Date ____ Map No. ____ Indexed ____ Date ____
C. Johnson

76L-298 S & E #307—1-56

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700 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.		
T.P.				27 75 ~~27 85~~	T.P.	
BM NZ 4				28 ~~42~~ 32	B.M. NZ-4 El 28.337, F.B. 2186-148 Norwalk Blvd	
				corr. 28 34	& 223 Rd. St., S.W. cor., L&T in walk to Ho	
					# 22307 (N. E'ly most L&T)	
8+00				27 97		℄ Norwalk Blvd.
				27 56	19° L. Ed pv.	
				28 4	24 " Top brk	
				28 30	40 "	
8+05.7			Lenker Rod	28 34	37.9 " N.E. cor conc. walk.	
8+10.2				26 79	40' L bott cb.	
				27 40	40' " Top " (End)	
8+12.2				26 94	40' " cor conc. gutt.	
8+24.91				27 97	(F.B. 2186-160)	℄ int Norwalk & 223 Rd
				27 71	12 L Ed pv.	
				27 52	20 " pv.	
				27 29	40 " "	
8+38.3				26 94	39.5 L cor gutt.	
				26 82	39.5 " bott cb.	
				27 40	39.5 " Top " End	
8+50				27 61	19' L bott br. pv.	
				27 80	21 " Top brk & Ed pv.	

F. B. 2186 Pg. 166 Job No. 2089.34 Division No. 10 Notes Red Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+50				273	40 L gnd	
9+00				2798		℄ Norwalk
				2760	12 L Ed pv	
				276	20 " P/L	
				275	40 " gnd	
10+00			Lenker Rod	2796		℄ Norwalk
				2772	12 L Ed pv.	
				277	20 " P/L	
				280	40 " gnd.	
10+50				2802		℄ Norwalk
				2766	12 L Ed. pv.	
				2740	17 " F/L	
				2764	20 " P/L	
11+00				2804		℄ "
				2768	12 L Ed pv.	
				2733	17 " F/L	
				2760	20 " P/L	
				2798	40	
B.M NZ-3				2829	B.M NZ-3 El. 28.283 F.B. 1931-7 F.B. 2186-148, Norwalk Blvd.	
				Corr. 2828	(W. side) at 222 Nd. (st to E), Bt. spk in N.E. Cor walk to Market #22203	

Profile Notes Red. Plotted Job No. 2089.34 Division No. 10 F. B. 2186 Pg. 167
No. Date Date Survey of Joliet Ave. - S.S.D.
X-Sec. Notes Chkd. Checked Survey by Sappell Notes D.S. Date 3-18-59
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
12+00				2807		℄ Norwalk
				2777	12 L Ed pv.	
				2745	17 F/L	
				2755	20 P/L	
				2794	40 -	
13+00				2818		℄ "
				2793	12 L Ed. pv.	
				273	20 " P/L	
				275	40 " gnd.	
14+00				2827		℄ "
				2797	12 L Ed pv.	
				276	20 " P/L	
				276	40 " gnd.	
T.P.			Lenker Rod.	2775	T.P.	
14+25				2828		℄ Norwalk
				2800	12 L Ed pv.	
				275	20 P/L	
				275	40 gnd.	
14+39.94				2825	F.B. 2186-162	℄ int Norwalk & 221 ST. ST.
BM NZ-2				2793	BM NZ-2 El. 27.926 F.B. 2186-150 Nor- walk Blvd. & 221 ST. ST., N.W. cor. - L&T. in walk to HO # 22029, 50± W. of ℄ of Norwalk Blvd.	F.B. 1931-7

F. B. 2186 Pg. 168 Job No. 2089.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

Notes Ck'd by	Survey of Joliet Ave - S.S.D.	F. B. 2186 Pg. 169
Map No.	JN 2089.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 3-12-59	
Date	Indexed C. Johnson 3-24-59	

J.N. 2089.34

JOLIET AVE - S.S.D.

LOC. OF IMP.

OF

IBEX AVE.

FROM

S'LY LINE L.S 16-9 TO 221 ST. ST.

party: Sappell
Shoemaker
Caro
Lieber

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.

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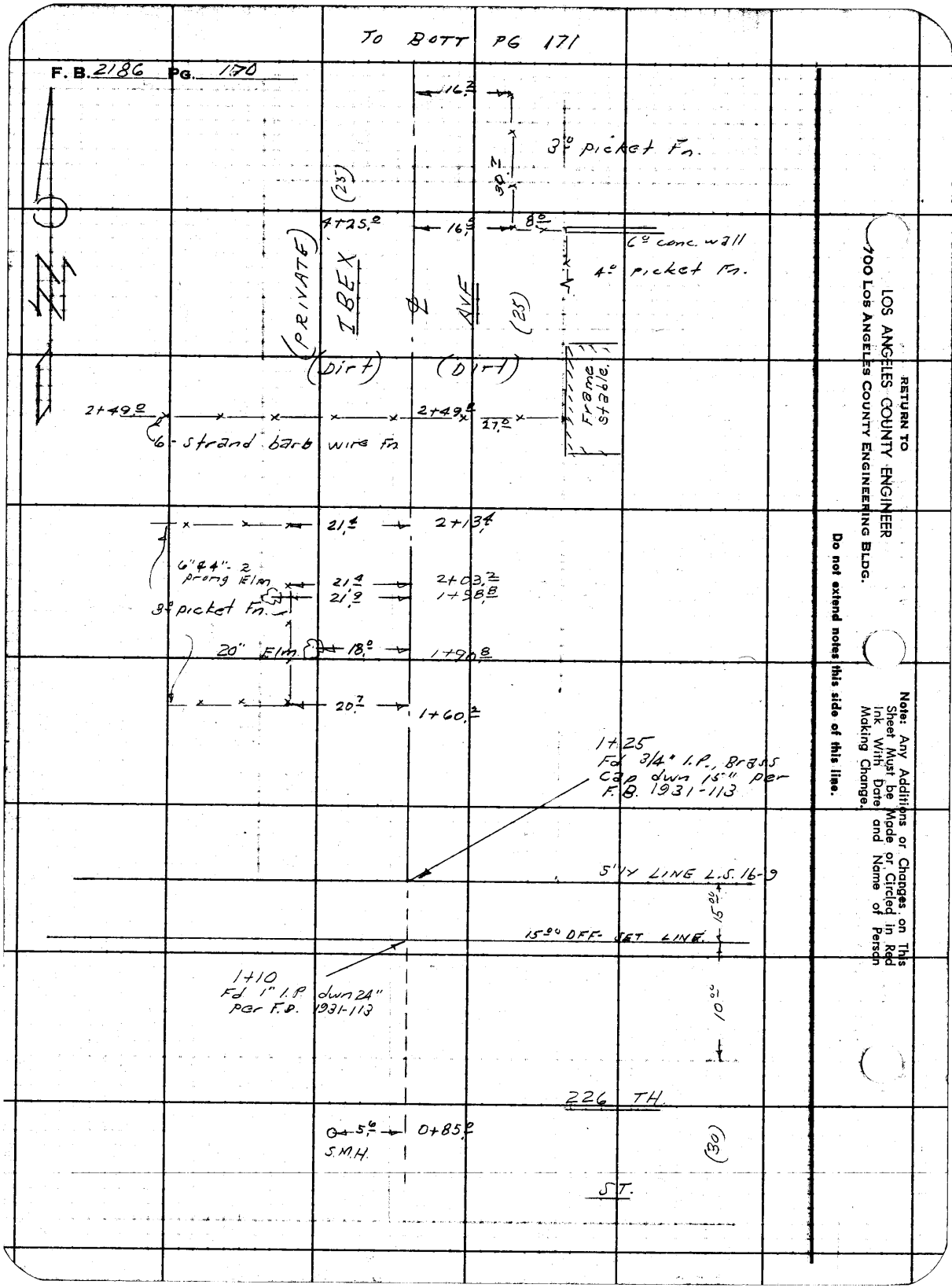
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53



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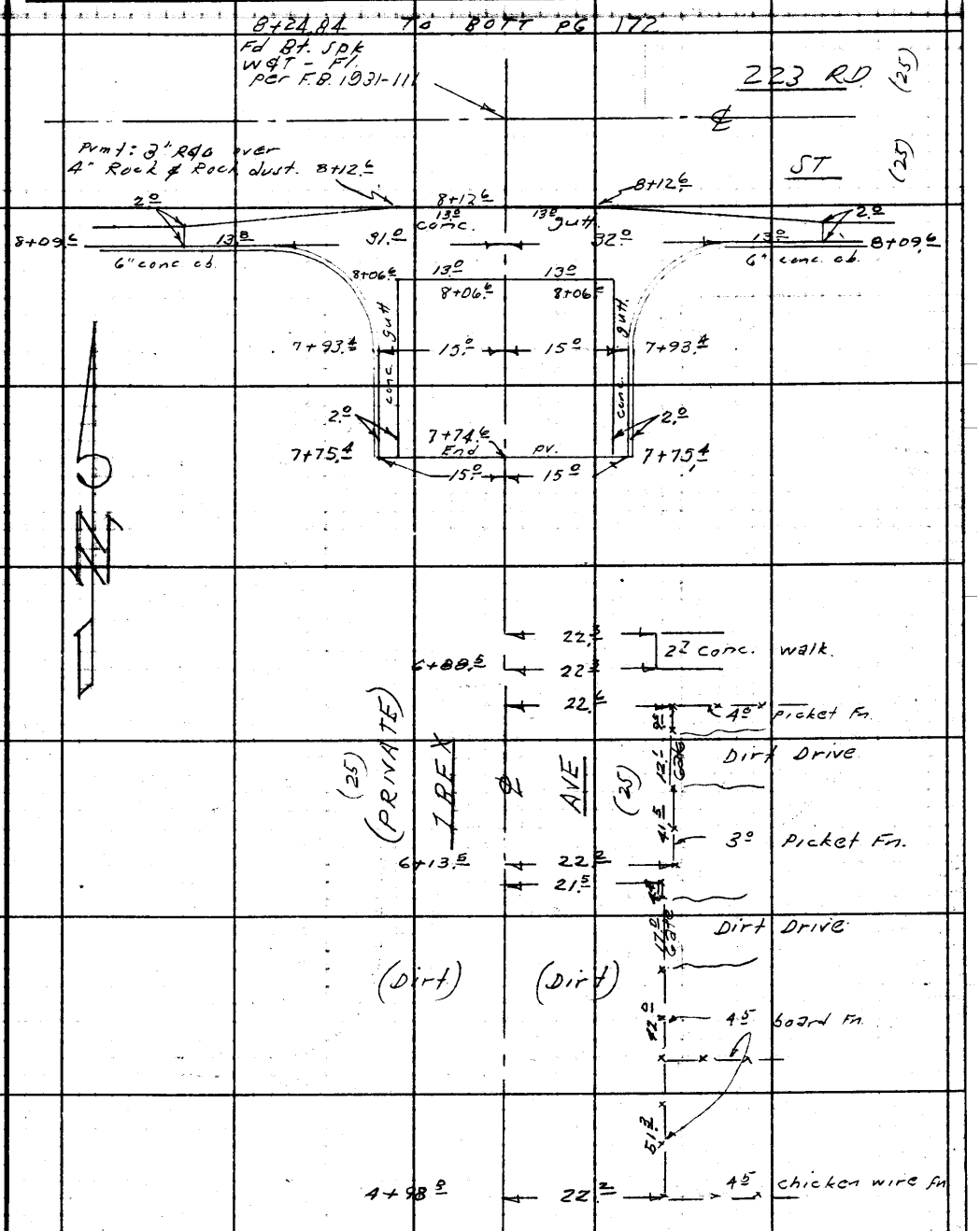
Notes Ck'd by	Survey of Joliet Ave- S.S.D.	F. B. 2186 PG. 171
Map No.	JN 2089.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 3-12-59	
Date	Indexed A. C. Johnson	



FROM TOP PG 170

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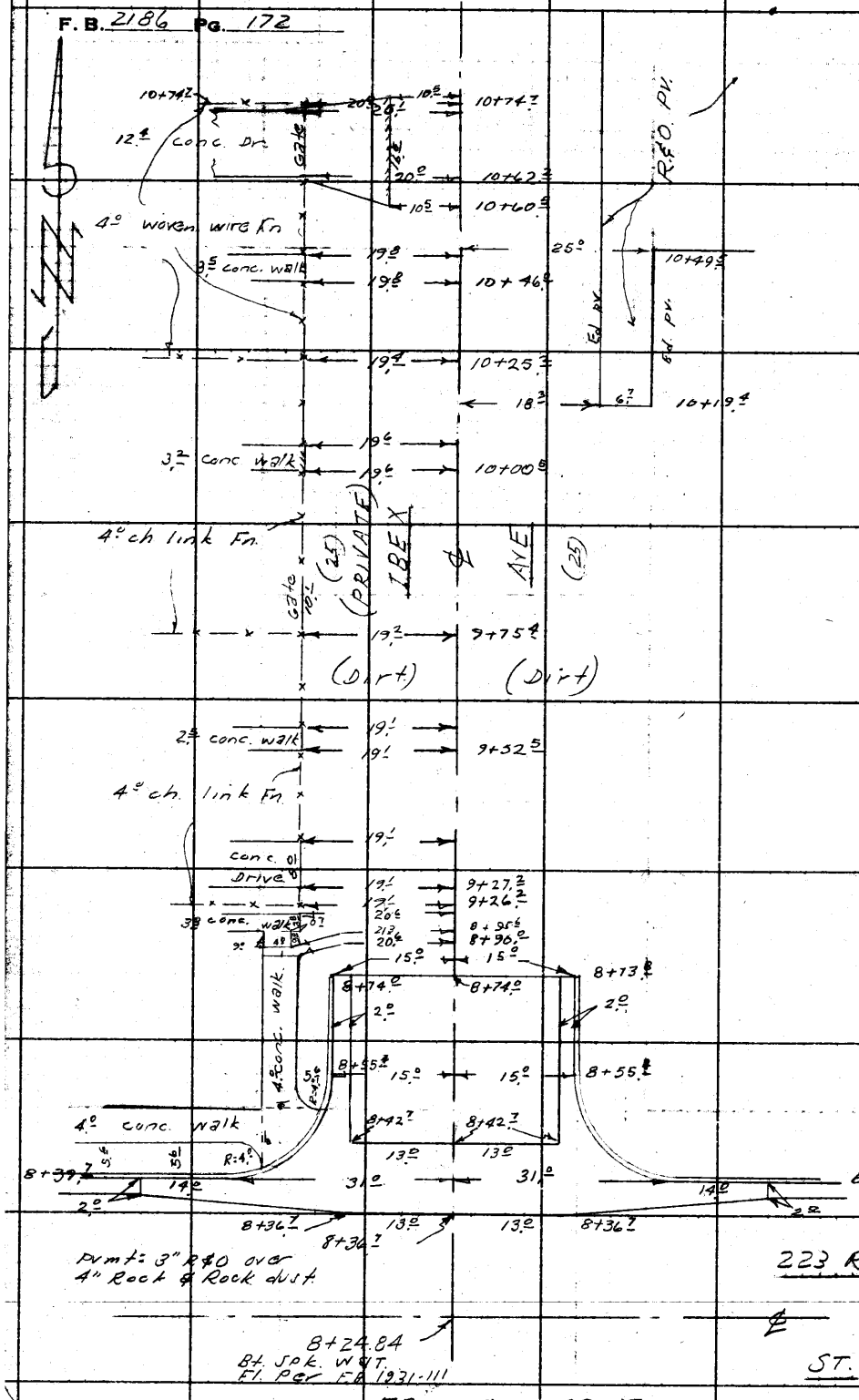
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-53

TO BOTT PG 173

F. B. 2186 Pg. 172



FROM TOP PG 171

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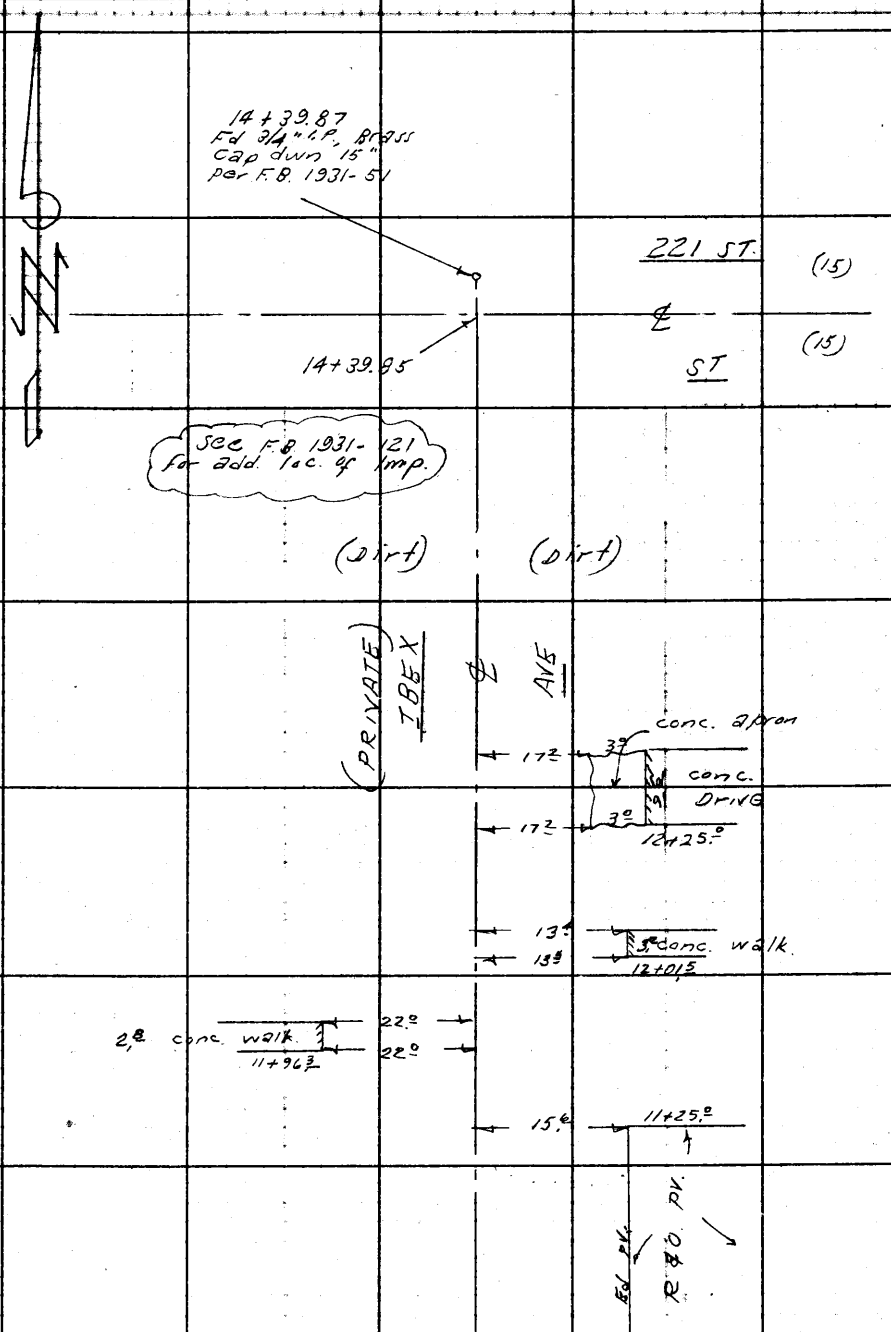
Notes Ck'd by	Survey of Joliet Ave - S.S.D.	F. B. 2186 Pg. 173
Map No.	JN 2089.34 Tape Std. °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 3-12-59	
Date	Indexed A. C. Johnson	



FROM TOP PG 172

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763098 CE #247—7-53

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F. B. 2186 Pg. 174

Profile No. | Notes Red. | Plotted | Job No. 2089.34 | Division No. 10 | F. B. 2186 | Pg. 175

X-Sec. No. | Notes Chkd. | Checked | Survey of Joliet Ave - S.S.D.

Date | Date | Survey by Sappell | Notes O.S. | Date 3-18-59

Date | Date | Map No. | Indexed C. Johnson

J.N. 2089.34

JOLIET AVE - S.S.D

CROSS-SECTIONS

OF

IBEX AVE

FROM

S'LY LINE L.S. 16-9 TO 221 ST. ST.

party: Sappell
Shoemaker
Carl
Lieber

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 43				28 48	BM NZ 43 El. 28.479 F.B. 1925, -168, 226 TH. ST. (S. side) at Ibex Ave. L&T in conc. floor to feed rack, 58' S. of N.P/L. 226 TH. ST. on ℄ prod of Ibex Ave.	
0+85°		S.M.H.		28 05	5° L N. Rim S.M.H.	
					Rim El - (M+S) = invert	
				18 11	Inv. El. 10" inlet E 28.11 - (9.17+0.83) = 18.11	
				18 48	" " 8" stub. N. 28.05 - (8.90+0.67) = 18.48	
				18 12	" " 10" outlet W. 28.12 - (9.17+0.83) = 18.12	
1+25	F.B.	2186-170	Lenker Rod	27 3	Int. S'ly Line L.S. 16-9 ℄ ℄ Ibex Ave.	
				27 6		25 R. Gnd
				27 8		125 " "
				27 2	25' L gnd	
2+00				27 1		℄ Ibex
				27 7		25 R gnd
				27 2	25' L gnd	
2+50				27 4		℄ Ibex
3+00				27 1		℄ "
				27 3		25 R gnd
				27 1	25' L gnd	
3+50				27 5		℄ Ibex
4+00				27 6		℄ "

F. B. 2186 Pg. 176 Job No. 2089.24 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. - S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
4+00				275		25'R gnd
				276	25'L gnd	
4+50				273		℄ 1bex
4+75				275		125'R back lot line
"				274	125 L back lot line	
5+00				275		℄ 1bex
			Lenker Rod	274		25 R gnd
				276	25 L gnd.	
T.P.				2775	T.P.	
5 +50				275		℄ 1bex
6+00				277		℄ "
				278		25 R gnd
				278	25 L gnd	
6+50				276		℄ 1bex
7+00				274		℄ "
				278		25 R gnd
				277	25 L gnd	
7+50				266		℄ 1bex
7+74				2642		℄ " End pr.
7+75 4				2625		13 R cor conc. gutt
				2611		15 " bott cb.
				2671		15 " Top " (End)

Profile Notes Red. Plotted Job No. 208934 Division No. 10 F. B. 2186 PG. 177
No. Date Date Survey of Joliet Ave. S.S.D.
X-Sec. Notes Chkd. Checked Survey by Sappell Notes D.S. Date 3-18-59
No. Date Date Map No. Indexed C. Johnson

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+75 4				281		25' R Top brk
				2616	13 L cor. gutt	
				2609	15 " bott cb	
				2667	15 " Top " End.	
7+93 4				2638		℄ Ibex
				2622		13 R ed gutt
				2612	bott cb.	15 " S. end C.R. S.E. cor
				2673	Top "	15 " " " "
				280		25 " Top brk.
			Lenker Rod	2618	13 L Ed gutt.	
				2603	15 " bott cb. S. end C.R. S.W. cor.	
				2667	15 " Top " "	"
				272	25 " gnd	
8+06 6				2612		℄ Ibex Ed "X" gutt.
				2615		13 R int Ed. gutt.
				2610	13 L int ed. gutt.	
8+09 6				2608		℄ Ibex F/L "X" gutt
				2606	bott cb	32° R E. end C.R. S.E. Cor
				2666	Top "	32 " " "
				2590	31° L bott cb. W. end C.R. S.W. cor	
				2650	31° " Top " "	" "

F. B. 2186 Pg. 178
Job No. 208934 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+12.6				2611		℄ 1bex Ed "x" gutt.
				2616		13 R ∡ pt. cd. "
				2609	13 L ∡ pt. cd gutt.	
8+24.84				2636	F.B. 2186-171, 172.	℄ int 1bex & 223 Rd
" "	=	0+00 going E. & W.			along ℄ of 223 Rd.	
0+25 E				267		19.7 R bott brk
				281		24 " Top "
				268	21.5 L bott brk	
			Lenker Rod	278	27.0 " Top "	
0+45 E				2654		℄ 223 Rd.
				2627		13' R Ed gutt
				2629	13 L Ed gutt.	
1+25 E				2679		℄ 223 Rd.
				2660		13 R Ed gutt
				2643		15 " bott cb.
				2698		15 " Top "
				270		18.7 " bott brk
				280		25 " Top "
				2650	13 L Ed gutt.	
				2643	15 " bott cb.	
				2701	15 " Top "	
				274	25 "	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 208934 Division No. 10 F. B. 2186 Pg. 179
X-Sec. No. ____ Date ____ Date ____ Survey of Joliet Ave. S.S.D.
Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-18-59
Date ____ Date ____ Map No. ____ Index Ed. C. Johnson

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+25 W				26 8		25' R.
				26 6	20 L bott brk	
				27 3	23 " Top "	
0+45 W				26 37		℄ 223 Rd
				26 06		13 R Ed gutt.
				25 99	13' L Ed gutt.	
8+36 7				26 12		℄ 1bex - Ed "x" Gutt.
				26 19		13 R ∡ pt. Ed "
			Lenker Rod	26 13	13 L ∡ pt. ed gutt.	
8+39 7				26 11		℄ 1bex - F/L "x" gutt.
				26 08	bott cb	31° R E. end C.R. N.E. cor
				26 66	Top "	31° " " "
				25 90	31° L bott cb. W.	end C.R. N.W. cor.
				26 55	31° L Top " "	" "
8+42 7				26 16		℄ 1bex. Ed "x" gutt.
				26 19		13 R Int Ed "
				26 15	13 L Int. ed gutt.	
8+55 4				26 34		℄ 1bex
				26 23		13 R Ed gutt.
				26 13	bott cb.	15 " N. end C.R. N.E. cor.
				26 72	Top "	15 " " " "

F. B. 2186 Pg. 180 Job No. 2089.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+55 4				2620	13 L Ed gutt	
				2614	15 " bott cb. N. end C.R. N.W. cor.	
				2670	15 " Top " "	" "
8+73 8				2630		13' R cor gutt
				2623		15 " bott cb. (End)
				2684		15 " Top "
8+74 0			Lenker Rod	2650		℄ Ibex Ed. Pr.
				2626	13 L cor. gutt.	
				2609	15 " bott cb.	
				2671	15 " Top "	
9+00				276		℄ Ibex - Top brk.
				278		25 R gnd
				274	21 3 L gnd	
				2755	21 3 " E ed. conc. walk.	
9+50				280		℄ Ibex
10+00				278		℄ "
				279		25 R gnd
				279	25 L gnd	
BM NZ 89				2673	BM NZ 89 El. 26.718	F.B. 2186-148 223 Pd. st.
				corr. 2672	℄ Ibex Ave, N.E. cor.	Bt. spk in cb. 10.5 E. of E end C.R.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2186 Pg. 181
X-Sec. No. ____ Date ____ Date ____ Survey of Joliet Ave - S.S.D.
Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-18-59
Date ____ Date ____ Map No. ____ Index ____ C. Johnson

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
10+19.4				28 00		18.3 R cor. R&a pv.
				28 04		25 " " " "
10+50				27 9		℄ 1bex
11+00				27 6		℄ "
				27 49		16 R Ed R&O pv.
				27 59		25 " R&O pv.
				27 5	25'L gnd	
11+25.0			Lenker Rod	27 40		15.6 R cor. R&O pv.
				27 71		25 " Ed. " "
11+50				27 2		℄ 1bex
11+75				28 0		125 R back lot line
"				27 1	125'L back lot line	
12+00				27 5		℄ 1bex
				27 4		25 R gnd
				27 3	25L gnd	
12+50				27 1		℄ 1bex
13+00				27 1		℄ "
				27 4		25 R gnd
				27 0	25'L gnd	
13+50				27 1		℄ 1bex
14+00				27 1		℄ "

F. B. 2186 Pg. 182 Job No. 2089.34 Division No. 10 Notes Red Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
14+00				272		25' R gnd
				272	25 L gnd.	
14+25			Lenter Rod	271		℄ Ibex
				275		25 R gnd
				272		125 " "
				273	25 L gnd	
				271	125 " "	
14 ± 39.85				270	F.B. 2186-173	℄ Int. Ibex & 221 ST. ST.
BM NZ 27				2752	BM NZ 27, El. 28.514	F.B. 1931-7 F.B. 2186-150, 221 ST. ST.
					& Ibex Ave. - S.W. cor., ½" iron rod in N.E	
					cor. of porch to Ho #22101	

Profile Notes Red. ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2186 Pg. 183
No. ____ Date ____ Date ____ Survey of Joliet Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-19-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

F. B. 2186 Pg. 184

Job No. 208934 Division No. 10 Notes Red Plotted Profile

Survey of Joliet Ave - S. S. D. Date Date No.

Survey by D. Sappell Notes D. S. Notes Chkd Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

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

Survey of Joliet St. - S.S.D. F.B. 2186 Pg. 185
JN 2089.34 Tape Std °F
Surveyed by D. Sappell
Notes D/S & C.E.S. Date 2-12-59
Indexed

J.N. 2089.34

JOLIET AVE - S.S.D.

LOC. OF IMP.

OF

HORST AVE

FROM

SIX LINE L.S. 16-9 TO 221 ST. ST.

Party: Sappell
Shoemaker
Caro
Lieber

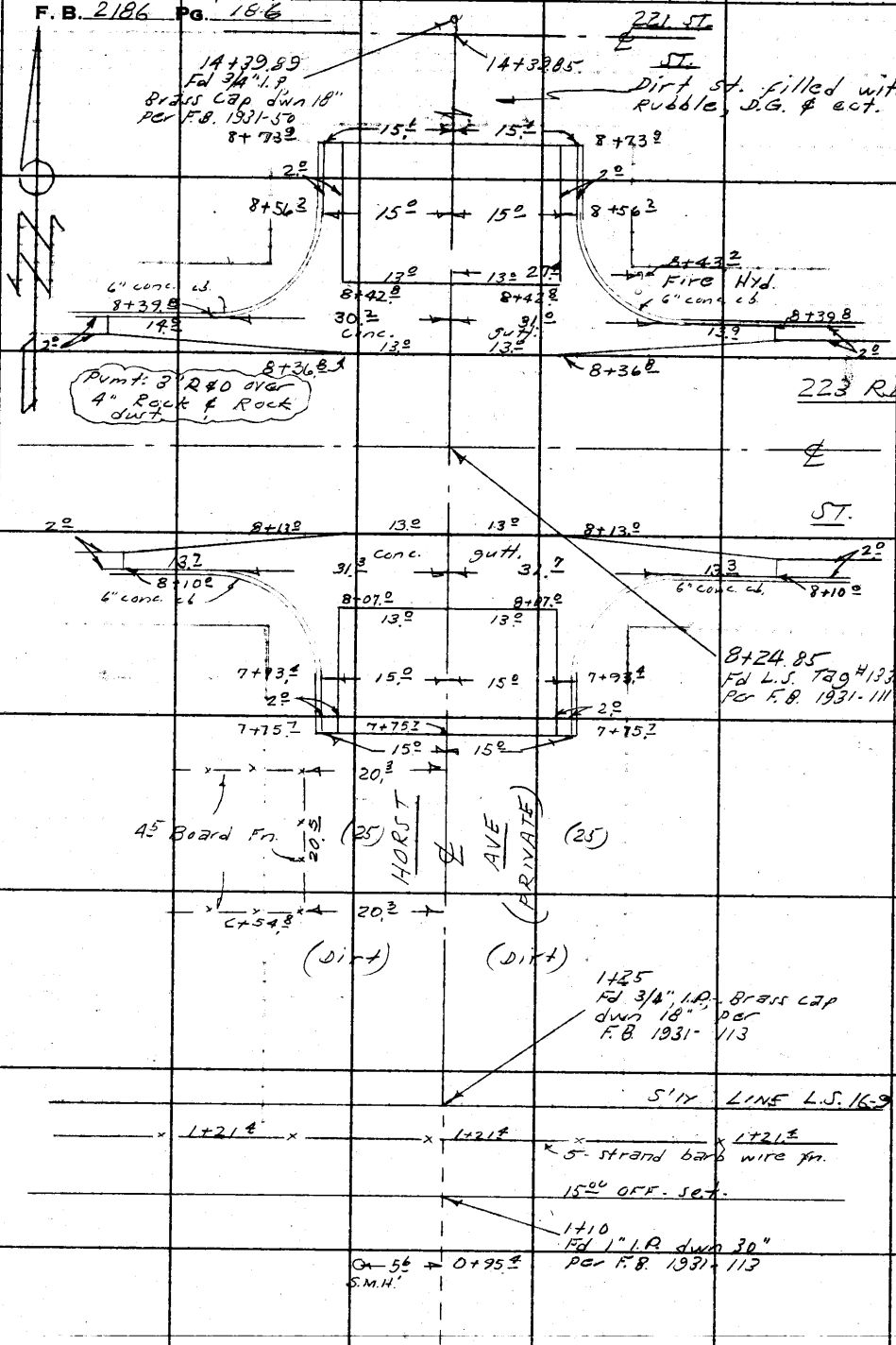
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76809S CE #247—7-58

F. B. 2186 Pg. 186



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Profile No. | Notes Red. | Date | Plotted | Date | Job No. 2069.34 | Division No. 10 | F. B. 2186 | Pg. 197
X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Joliet Ave - S.S.D.
Survey by Sappell | Notes | Date 3-19-59
Map No. | Indexed C. Johnson | Date

J.N. 20934

JOLIET AVE - S.S.D.

CROSS-SECTIONS

OF

HORST AVE

FROM

S'LY LINE L.S. 16-2 TO 221 ST. ST.

party: Sappell
Shoemake
Lieber

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

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ-44				27 77	BM NZ-44, El. 27.766 F.B. 1925-168, 226 TH. ST. (S. side)	
					at Horst Ave., L&T. in conc. floor of feed. rack	
					63'± So. of N. P/L 226 TH ST. on ℄ prod of Horst Ave.	
0+95±		SMH.		27 13	5± S.M.H. N. Rim	
					Rim El. - (M + D) = Invert	
				17 69	Inv. El. 10" Inlet E. 27.17 - (8.65 + 0.83) = 17.69	
				18 00	" " 8" stub N. 27.13 - (8.46 + 0.67) = 18.00	
				17 69	" " 10" outlet W. 27.14 - (8.62 + 0.83) = 17.69	
1+25		F.B. 2186-186		27 1	Int. S'ly Line L.S. 16-9 & ℄ Horst Ave	
				27 1		25 R gnd
				27 4		125 " back lot line
			Lenker Rod	27 2	25 L. gnd.	
2+00				26 9		℄ Horst.
				27 1		25 R gnd.
				26 6	25 L gnd	
2+50				27 0		℄ Horst.
3+00				27 2		℄ "
				27 4		25 R gnd.
				27 1	25 L gnd.	
3+50				27 0		℄ Horst.
4+00				27 2		℄ "
				27 1		25 R gnd
				27 3	25' L gnd	

F. B. 2186 Pg. 188 Job No. 2089.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave - S.S.D. Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
4+50				272		℄ Horst
4+75				274		125' R back lot line
				270	125' L back lot line	
5+00				272		℄ Horst
				273		25' R gnd
				270	25' L gnd	
T.P.				2712	T.P.	
5+50			Lenker Rod	272		℄ Horst
6+00				272		℄ "
				276		25' R gnd
				271	25' L gnd	
6+50				273		℄ Horst
7+00				271		℄ "
				271		25' R gnd
				272	25' L gnd	
7+50				266		℄ Horst
7+75 ?				2606		℄ " - Ed pv.
				2580		13 R cor. gutt.
				2568		15 " bott cb. (End)
				2628		15 " Top "
				2582	13' L cor. gutt.	

Profile Notes Red ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2186 Pg. 189
No. ____ Date ____ Date ____ Survey of Joliet Ave. - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-19-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+75.7				25 77	15 L bott cb.	
				26 35	15 " Top " (End)	
7+93.4				26 05		℄ Horst
				25 77		13 R Ed gutt.
				25 68	bott cb.	15 " S. end C.R. S.E. cor.
				26 27	Top "	15 " " "
				25 78	13 L Ed gutt.	
				25 71	15 " bott cb. S. end	C.R. S.W. cor
				26 32	15 " Top " "	" "
8+00			Lanker Rod	26 6		25' R gnd.
				26 6	25' L gnd.	
8+07.0				25 82		℄ Horst. Ed "X" gutt.
				25 88		13.0 R int Ed "
				25 78	13.0 L Int. ed gutters.	
8+10.0				25 78		℄ Horst - F/L "X" gutt.
				25 73	bott cb.	31.7 R E. end C.R. S.E. cor.
				26 38	Top "	31.7 " " "
				25 60	31.3 L bott cb. W. end C.R. S.W. cor.	
				26 18	31.3 " Top " "	" "
8+13.0				25 82		℄ Horst - Ed "X"
				25 88		13 R ∡ pt. Ed gutt.
				25 82	13 L ∡ pt. Ed gutt.	

F. B. 2186 Pg. 190 Job No. 2089.34 Division No. 10 Notes Red Plotted Profile
Survey of Joliet Ave - S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
8+24.85		F.B. 2186-186		2604		℄ int Horst & 223 Rd. st.
" "	= 0+00 going E & W. along ℄ of 223 Rd.					
0+45 E				2611		℄ 223 Rd.
				2582		13' R Ed gutt.
				2582	13' L Ed gutt.	
1+25.0 E				2630		℄ 223 Rd.
				2594		13 R Ed gutt.
				2579		15 " bott ch.
			Lanker	2640		15 " Top "
				272		25 " P/L
				2597	13 L Ed gutt.	
				2585	15 " bott ch.	
			Rod	2642	15 " Top "	
				274	25 " P/L	
0+45 W				2597		℄ 223 Rd.
				2569		13' R Ed gutt.
				2568	13' L Ed gutt.	
8+36.8				2579		℄ Horst. - Ed "x" gutt.
				2580		13 R ∡ pt Ed "
				2578	13' L ∡ PT. Ed gutt.	

Profile Notes Red. Plotted Job No. 2089.34 Division No. 10 F. B. 2186 Pg. 191
No. Date Date Survey of Joliet Ave. S.S.D.
X-Sec. Notes Chkd. Checked Survey by Sappell Notes D.S. Date 3-19-59
No. Date Date Map No. Indexed C. Johnson

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
8+39.8				25 74		℄ Horst - F/L "X" gutt.
				25 66	bott cb	31° R E. end C.R. N.E. Cor
				26 30	Top "	31 " " "
				25 56	30° L bott cb. - W.	end C.R. N.W. cor.
				26 17	30° " Top " "	" " "
8+42.8				25 76		℄ Horst Ed "X" gutt.
				25 81		13° R int Ed gutters.
				25 79	13 L int Ed gutters.	
8+50			Lenker Rod	27 0		25 R gnd
				26 6	25' L gnd	
8+56.2				26 03		℄ Horst.
				25 83		13' R Ed gutt
				25 73	bott cb.	15 " N. end C.R. N.E cor
				26 35	Top "	15 " " " "
				25 84	13 L ed gutt	
				25 73	15 " bott cb. - N. end	C.R. N.W cor.
				26 32	15 " Top " "	"
8+73.9				26 09		℄ Horst - Ed pv.
				25 84		13 R cor. gutt.
				25 78		15 " bott cb.
				26 35		15 " Top " (End)

F. B. 2186 Pg. 192
Job No. 2089.34 Division No. 10 Notes Red Plotted Profile
Survey of Joliet Ave - S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
8+73.9				25 94	13 L cor gutt	
				25 81	15 " bott. cb	
				26 36	15 " Top " (End)	
9+00				27 1		℄ Horst.
				27 5		25 R gnd.
				27 2	25 L gnd.	
BMNZ-90			Lenker	26 29	BMNZ90 El 26.294 F.B. 2185-148, 223 Rd St.	
					℄ Horst Ave, N.E. cor. - Bt spk in cb. 5° E.	
					of E end C.R.	
9+50				27 3		℄ Horst.
10+00			Rod	27 4		℄ "
				27 1		25 R gnd
				27 1	25 L gnd	
10+50				27 4		℄ Horst.
11+00				27 5		℄ "
				27 6		25 R gnd
				27 2	16 L Top brk	
				26 8	21 " bott "	
				26 8	25 " gnd.	
11 ± 26				27 8		95 R gnd
				27 6		25' "

Profile Notes Red. Plotted Job No. 208934 Division No. 10. F. B. 2186 Pg. 193
No. Date Date Survey of Joliet Ave - S.S.D.
X-Sec. Notes Chkd. Checked Survey by Sappell Notes D.S. Date 3-19-59
No. Date Date Map No. Indexed
C. Johnson

76L-298 S & E #307—1-56

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F. B. 2186 Pg. 94 Job No. 2289.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave - S.J.D. Date Date No. X-Sec.
Survey by Zapell Notes D.S. Notes Chkd. Checked No.
Indexed C. JOHNSON Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		
11+31 D				27 5		6^{5} R Top brk.
				26 8		10^{5} both "
11+50				28 0		℄ Horst.
				27 8		5^{5} R Top brk
				26 9		10^{5} " both "
11+75				27 1		125 R back lot line
				26 8	125 L back lot line	
12+00				27 9		℄ Horst.
			Lenker Road	27 7		35 R Top brk
				27 1		8^{5} " both "
				26 7		25 " gnd
				27 7	15^{5} L Top brk	
				27 1	22^{0} " both "	
				27 1	25 " gnd	
12+25				27 4	17^{5} L "	
				27 0	25 " "	
12+50				27 6		℄ Horst.
13+00				27 6		℄ "
				27 6		2^{0} R Top brk
				26 6		6^{0} " both "
				26 5		25 " gnd
				26 8	25 L gnd.	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP				27 33	T.P.	
13 + 18.5				27 2		2° R Top brk.
				26 8		6° " bott "
13 + 21.0				26 9		25' " gnd
13 + 24.0				27 3		℄ Horst.
				27 5		5° R Gnd.
				27 5		25° " "
13 ± 35.5			Lenker Rod	27 2		℄ Horst
				27 4		25° R gnd
13 + 37				26 9		25 " "
13 + 42				26 8		6.5 " "
13 + 50				27 3		℄ Horst.
14 + 00				27 1		℄ "
				26 9		25 R gnd.
				27 3	25 L gnd	
14 + 25				27 2		℄ Horst
				27 0		25 R gnd.
				27 1		125 " "
				27 3	25 ' L gnd	
				27 1	125 " "	
14 + 39.85				27 2	F.B 2186-186	℄ int Horst. & 221 ST. ST.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 208934 Division No. 10 F. B. 2186 Pg. 195
X-Sec. No. ____ Date ____ Date ____ Survey of Joliet Ave. S.S.D.
Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-19-59
Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson

F. B. 2186 Pg. 196

Job No. 208934 Division No. 10 Notes Red. Plotted Profile

Survey of Joliet Ave - S.S.D. Date Date No.

Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 26				27 46	BM NZ 26 El. 27463	F.B. 1931-13 F.B. 2168-150, 221 ST. ST.
					9 Horst Ave. N.E cor Bt Spk in walk to	
					140 (No *)	

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

Survey of Joliet Ave. - S.S.D.
JN 2089.34 Tape Std °F
Surveyed by D. Sappell
Notes D.S. Date 3-12-59
Indexed R. C. Johnson 3-24-59

F. B. 2186 Pg. 197

J.N. 2089.34

JOLIET AVE - S.S.D.

LOC. OF IMP.

OF

JOLIET AVE

FROM

SIX LINE L.S. 16-9 TO 221 ST. ST.

party: Sappell
Shoemaker
Caro
Lieber

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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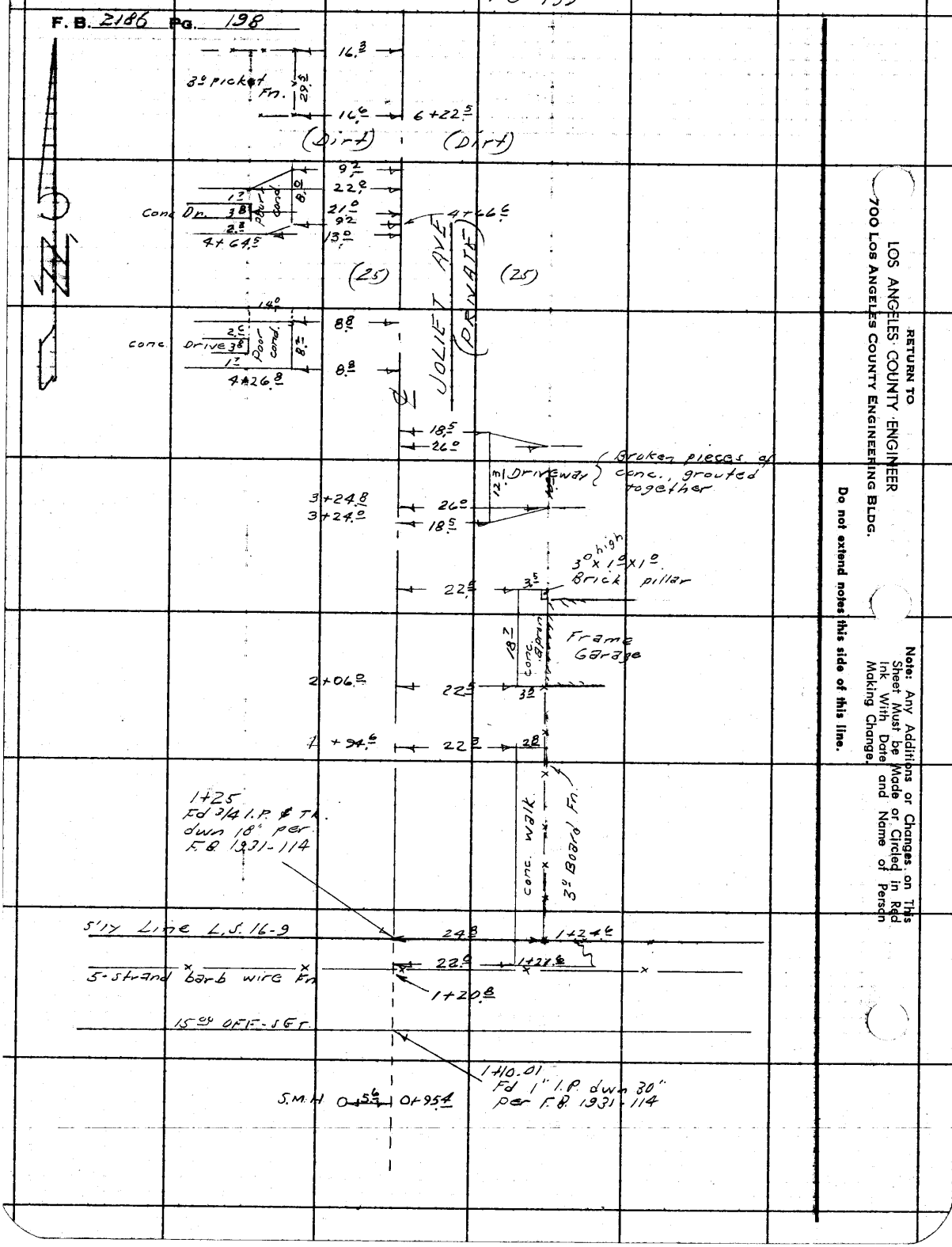
763098 CE #247—7-58



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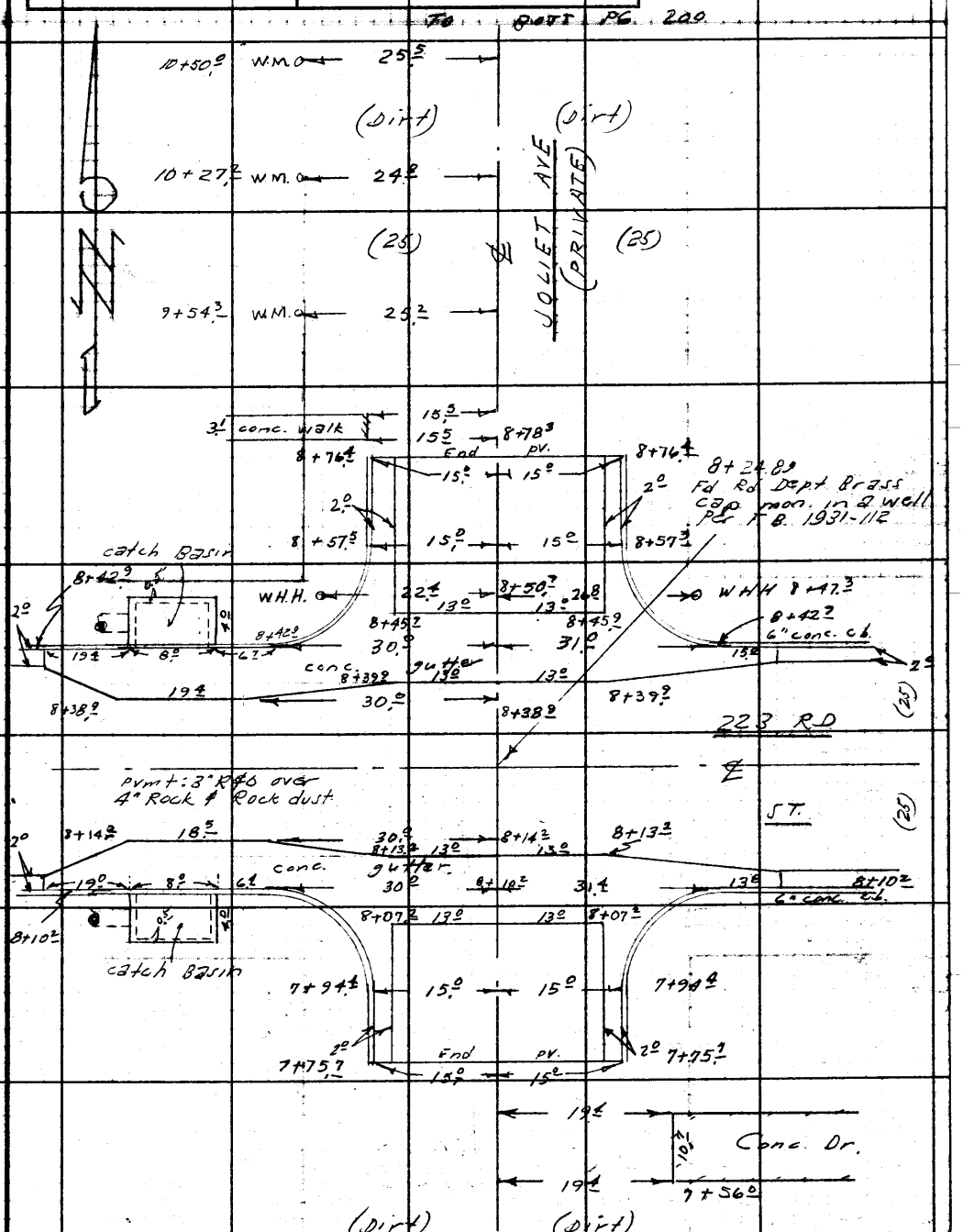
Notes Ck'd by	Survey of Joliet Ave - S.S.D.
Map No.	JN 208934 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. & C.F.S. Date 3-13-59
Date	Indexed C. Johnson

F. B. 2186 PG. 199



FROM TOP PG 198

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763098 CE #247—7-55

F. B. 2186 Pg. 200

14+39.89
Fd 3/4" I.P. Brass cap
dwn 12" per L.S.
1931-49

221 ST.
℄
ST

14+39.87

(Dirt) (Dirt)

AVE
WOLLET
(PRIVATE)

12+94.4 W.M. 26.6
(25) (25)
℄

11+68.6 W.M. 24.4

10+97.0 W.M. 26.4

FROM TOP PG 199

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Profile No. | Notes Red. | Plotted | Job No. 2089.34 | Division No. 10 | F. B. 2186 Pg. 201

Date | Date | Survey of Joliet Ave - S.S.D.

X-Sec. No. | Notes Chkd. | Checked | Survey by Sappell | Notes D.S | Date 2-19-59

Date | Date | Map No. | Indexed C. Johnson | Date

J.N. 2089.34

JOLIET AVE - S.S.D

CROSS-SECTIONS

OF

JOLIET AVE

FROM

S'LY LINE L.S. 16-9 TO 221 ST. ST.

STATION	B. S.	H. I.	F. S.	ELEV.
		Party: Sappell Shoemaker Carlo Lieber		

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76298 S & E #307—7-55

76298 S & E #307—7-55

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26.8

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 45				27 62	BM NZ 45, El. 27.622 F.B. 1925-168 226 TH ST. (S. Side)	
					at Joliet Ave., L&T. in conc. floor of feed rack,	
					68'± S. of N P/L 226 TH ST. on ℄ prod of Joliet Ave.	
0+95 4				27 17	5 6 L. S.M.H. N. Rim	
					Rim El. - (M + D) = invert.	
				17 27	Inv. El. 10" Inlet E. 27.20	- (9.10+0.83) = 17.27
				17 53	" " 8" " N. 27.17	- (8.97+0.67) = 17.53
				17 29	" " 10" outlet W. 27.21	(9.09+0.83) = 17.29
1+25		F.B. 2186-196		27 1	Int. S'ly Line L.S. 16-9	℄ Joliet Ave
			Lenker Rod	27 0		25' R gnd
				27 3		125 " "
				27 0	25' L	
				26 9	125 " Toe of slope	(E. levee drinage channel)
2+00				27 5		℄ Joliet
				27 3		25 R gnd
				27 0	25' L gnd	
2+50				27 4		℄ Joliet
3+00				27 2		℄ "
				27 1		25 R gnd
				26 8	25 L gnd.	
3+50				27 0		℄ Joliet
4+00				26 7		℄ "

F. B. 2186 Pg. 202 Job No. 2089.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. - S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
4+00				268		25 R gnd
				270	25 L gnd	
4+50				270		℄ Joliet
T.P.				2672	T.P.	
4+75				270		125 R back lot line
				274	125 L back lot line (toe slope E levee 1 drainage channel	
4+905			Lenker Rod	267	9° L Top brk	
				265	12° " F/L	
				268	15° " Top brk.	
				271	25 " gnd	
5+00				268		℄ Joliet
				268		25 R gnd
				268	9° L Top brk	
				261	12° " F/L	
				268	15° " Top "	
				272	25 "	
5+50				269		℄ Joliet
6+00				267		℄ "
				268		25 R gnd
				264	12 L gnd	
				268	25 " "	

Profile Notes Red ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2186 Pg. 203
No. ____ Date ____ Date ____ Survey of Joliet Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-19-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 S & E #307—1-56

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.				26 84	T.P.	
6+50				26 7		℄ Joliet
7+00				26 6		℄ "
				27 0		25 R gnd
				26 7	25 L gnd.	
7+62				26 6		℄ Joliet
				27 0		16 R End.
				26 8	15° L gnd.	
7+75.7			Lender Rod	25 83		℄ Joliet - Ed pv.
				25 56		13 R cor. gutt.
				25 49		15 " bott cb.
				26 08		15 " Top " (End.)
				27 0		20 " Top brk.
				25 53	13 L cor. gutt.	
				25 40	15 " bott cb.	
				25 97	15 " Top " (End)	
				26 7	18.5 " Top brk.	
7+94.4				25 71		℄ Joliet
				25 47		13 R Ed gutt S.E.
				25 35	bott cb.	15 " S. end C.R. cor.
				25 97	Top "	15 " " " "

F. B. 2186 Pg. 204 Job No. 2089.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+94.4				25 44	13 L cor. gutt	
				25 29	15 " bott cb. S. end C.R. S.W. cor.	
				25 90	15 " Top " "	" "
8+00				26 9		22.4 R top brk
				26 9		25 " gnd
			Lenker Rod	26 6	22.0 L Top brk	
				26 6	25 " gnd.	
8+07.2				25 42		℄ Joliet Ed 'X' gutt.
				25 43		13 R int ed gutt
				25 40	13 L int. ed gutt	
8+10.2				25 38		℄ Joliet F/L 'X' gutt.
8+13.2				25 43		℄ " Ed 'X' "
				25 44		13 R ¢ pt. Ed gutt
				25 41	13 L ¢ pt. ed gutt.	
8+24.89				25 67	F.B. 2186 - 197	℄ int. Joliet & 223 Rd.
"	= 0+00 going E&W. along ℄ of 223 Rd.					
0+25 E				26 9		25' R gnd.
				26 0	20.8 L bott brk.	
				27 0	25 " Top "	
0+31.0 E				25 34	15 L bott cb. E end C.R. N.E. cor.	
				25 97	15 " Top " "	" "

Profile. Notes Red. ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2186 PG. 205
No. ____ Date ____ Date ____ Survey of Joliet Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-19-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 2186 Pg. 206 Job No 2089.34 Division No. 10 Notes Red Date Plotted Profile
Survey of Joliet Ave - L.S.D. Date No. X-Sec.
Survey by [illegible] Notes Chkd Checked
Indexed Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+31.4 E				2568		℄ 223 Rd
				2536	both cb.	15 R E. end C.R. SE cor.
				2593	Top "	15 " " " "
0+45.0 E				2547	13 L Ed gutt.	
0+45.2 E				2550		13 R Ed gutt.
1+25 E				2595		℄ 223 Rd.
				2560		13 R Ed pv.
				2549		15 " both cb.
				2606		15 " Top "
			Center Road	270		25 " P/L & Top brk
				2559	13 L Ed gutt.	
				2546	15 " both cb.	
				2603	15 " Top "	
				261	19.5 " both brk	
				275	25 " Top " & P/L	
0+25 W				265		25 R gnd
				266	25 L gnd.	
0+30 W				2560		℄ 223 Rd.
				2533		11 R Ed gutt. N.W.
				2512	both cb.	15 R W. end C.R. cor.
				2577	Top "	15 " " " "

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+30 W				25 35	11 L Ed gutt.	
				25 15	15 " bott cb. W. end C.R. S.W. cor	
				25 78	15 " Top " " " "	
0+36.4 W				24 94	15 L gutt.	
				25 83	15 " Top catch basin	
0+36.7 W				24 88		15 R gutt.
				25 86		15 " Top catch basin
0+44.4 W			Lenker Rod	24 96	15 L gutt.	
				25 88	15 " Top catch basin	
0+44.7 W				24 96		15 R gutt
				25 89		15 " Top catch basin
0+48.5 W				25 45	11 L Ed gutt.	
0+49.4 W				25 49		11 R Ed gutt.
0+63.4 W				25 62	13 L Ed gutt	
64.1 W				25 62		13 R Ed gutt.
1+25 W				27 60		℄ 223 Rd
				27 44		13 R Ed gutt.
				27 28		15 " bott cb.
				27 88		15 " Top "
				27 6		25 " P/L
				27 42	13 L Ed gutt.	

Profile Notes Red. ____ Plotted ____ Job No. 208934 Division No. 14 F. B. 2186 PG. 207
No. ____ Date ____ Date ____ Survey of Joliet Ave. S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-19-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 2186 Pg. 208 Job No. 2089.34 Division No. 10 Notes Red. Date Plotted Profile
Survey of Joliet Ave - S.C.D. Date No X-Sec.
Survey by Sapsell Notes Date Notes Chkd. Date Checked Date No
Indexed C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.		
1+25 W				2728	15' L both ed.	
				2790	15' " Top "	
				2777	25' " P/L	
8+39?				2540		℄ Joliet - Ed 'x' gutt.
				2544		13 R ℄ pt. ed. "
				2538	13 L ℄ pt. Ed gutt.	
8+42?				2537		℄ Joliet ℄ P/L 'x' gutt
8+45?			Lenker Road	2542		℄ " Ed " "
				2547		13 R int ed. gutt.
				2543	13 L int ed gutt.	
8+57?				2573		℄ Joliet
				2550		13 R Ed gutt
				2534	both ed.	15' " N end C.R. N.E cor.
				2594	Top "	15' " " " "
8+57?				2547	13 L Ed gutt	
				2537	15' " both ed.	N. end C.R. N.W. cor.
				2598	15' " Top " "	" "
8+76?				2578		℄ Joliet - Ed pv.
				2552		13 R Ed gutt
				2539		15' " both ed.
				2597		15' " Top " (End)

76L-298 S & E #307—1-56

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700 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.		
8+76 4				25 54	13 L Ed gutt.	
				25 38	15 " bott cb.	
				26 00	15 " Top " (End)	
BM NZ 91				25 99	BM NZ-91 El. 25.977 F.B. 2186-1AB 223 Rd	
				(corr) 25 98	St. & Joliet Ave., S.E. cor. Bt. Spk in cb. 4° E. of E. end C.R.	
8+85				26 4		℄ Joliet - Top brk
—				27 3		25 R gnd
			Lenker Rd	26 4	25 L gnd	
9+00				26 4		℄ Joliet
				27 4		25 R gnd
				26 6	25 L gnd	
9+50				26 6		℄ Joliet
10+00				26 6		℄ "
				27 1		25 R gnd
				26 9	25 L gnd.	
10+50				26 6		℄ Joliet
11+00				27 0		℄ "
				27 2		25 R gnd
—				27 2	25 L gnd	
11 +50				26 8		℄ Joliet

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2186 Pg. 209
X-Sec. No. ____ Date ____ Date ____ Survey of Joliet Ave. - S.J.D.
Notes Chkd. ____ Checked ____ Survey by Sappell Notes ____ Date 3-19-59
No. ____ Date ____ Date ____ Map No. ____ Index ____ Date ____

C. Johns

76L-295 S & E #307—1-56

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

Do not extend notes this side of this line.

F. B. 2186 Pg. 210 Job No 2089.24 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave - J.S.D. Date Date No. X-Sec.
Survey by Sargent Notes Notes Chkd. Checked
Indexed E. Johnson Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
11+75 ℄				26 8		125' R back lot line
				27 5	125' L back lot line - toe slope F.C. channel E. levee	
12+00				26 9		℄ Joliet
				27 4		25' R gnd.
			Lanker Rod	27 1	25' L gnd	
12+50				27 1		℄ Joliet
13+00				27 2		℄ "
				27 8		25' R gnd.
				27 3	25' L gnd	
T.P.				27 16	T.P.	
13+50				270		℄ Joliet
14+00				27 3		℄ "
				27 2		25' R gnd.
				27 2	25' L gnd	
14+25				27 1		℄ Joliet
				27 1		25' R gnd
				27 1		125' R "
				27 3	25' L gnd.	
				27 7	125' " "	
14+39.87				27 1	F.D. 2186-200	℄ int Joliet ℄ 221 ST.
BM NZ 94				2822	BM NZ 94 El 28.201 F.D. 2186-150, Joliet Ave ℄ 221 ST. ST. (W. side Joliet) 14' ± N. of ℄ 221 ST. ST. Bt spk in N'LY end of conc. head W'ALL	

Notes Ck'd by	Survey of Joliet Ave - S.S.D. F. B. 2186 Pg. 271
Map No.	JN 2089.34 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. Date 3-16-59
Date	Indexed C. Johnson 3-24-59

J.N. 2089.34

JOLIET AVE - S.S.D.

LOC. OF LMP.

OF

JUAN AVE

FROM

S'LY LINE L.S. 16-2 TO 221 ST. ST.

party: Sappell
Shoemaker
Caro
Liebe

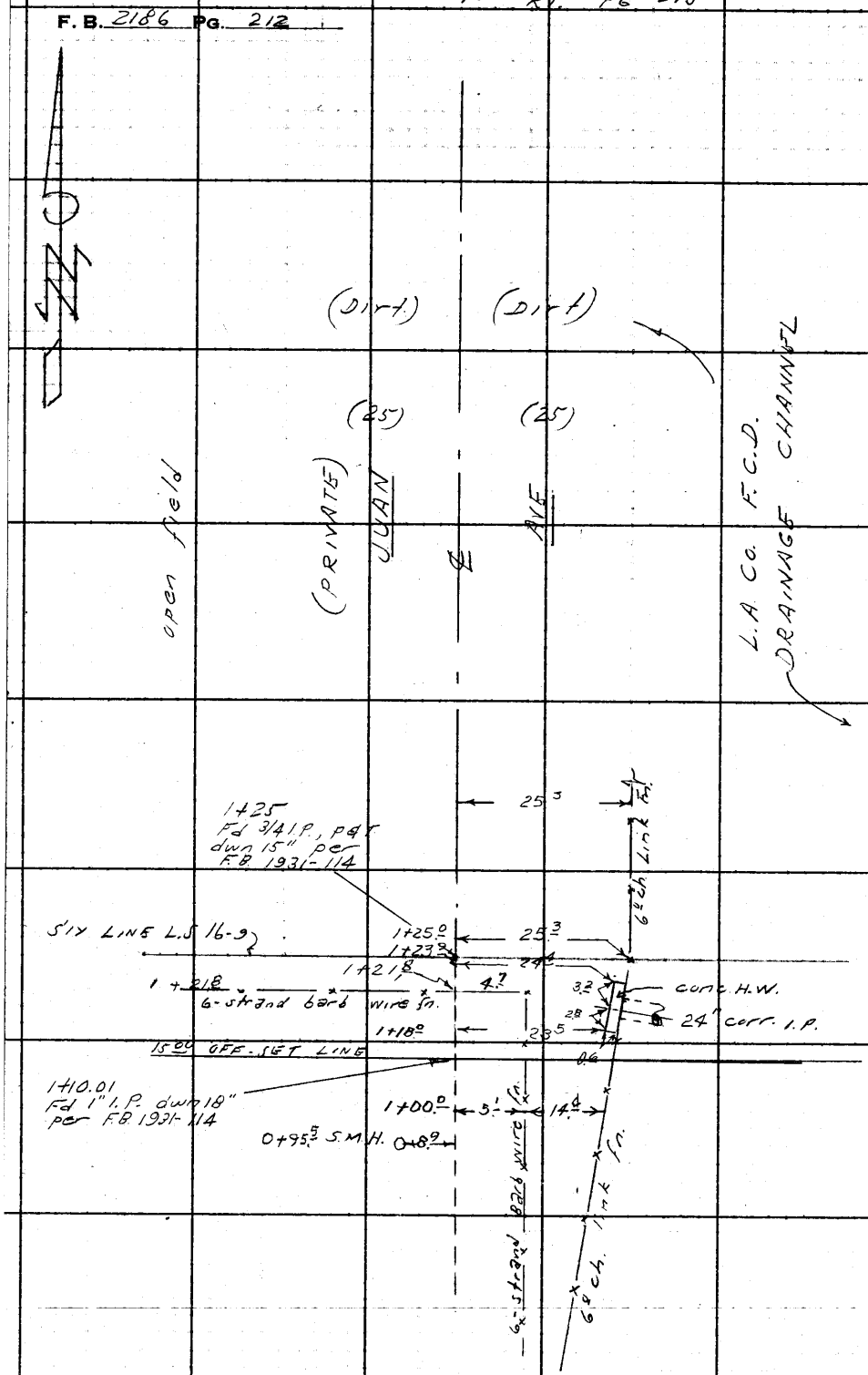
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

765095 CE #247—7-58

F. B. 2186 PG. 212



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

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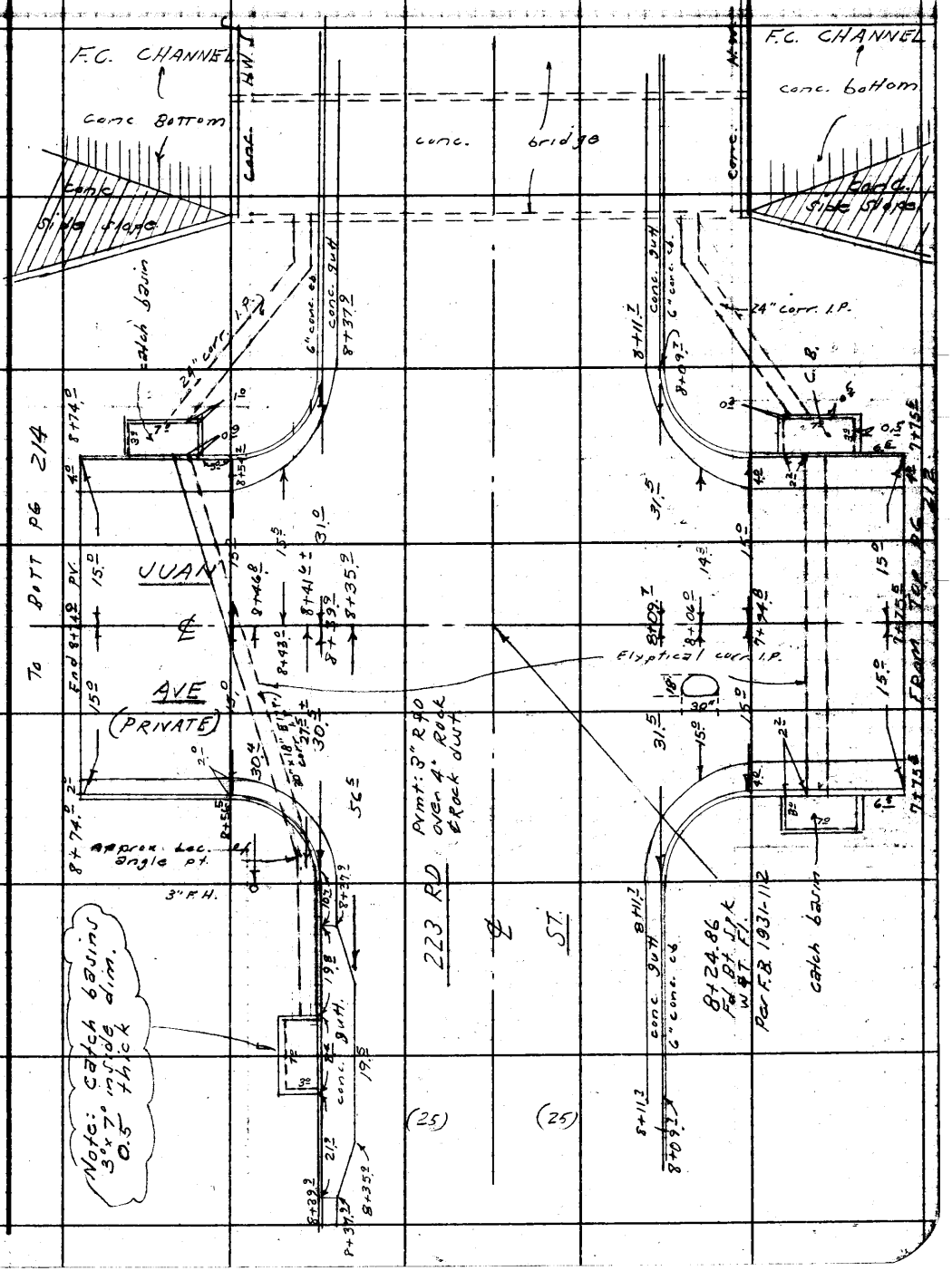
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

18°
5.9
23.9

2.8

Notes Ck'd by	Survey of Joliet Ave- S.S.D	F. B. 2186 PG. 218
Map No.	JN 2089.34 Tape Std °F	
Office Work	Surveyed by D. Sappell	
Checked	Notes D.S. & C.E.S. Date 3-17-59	
Date	Indexed A. C. Johnson	



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

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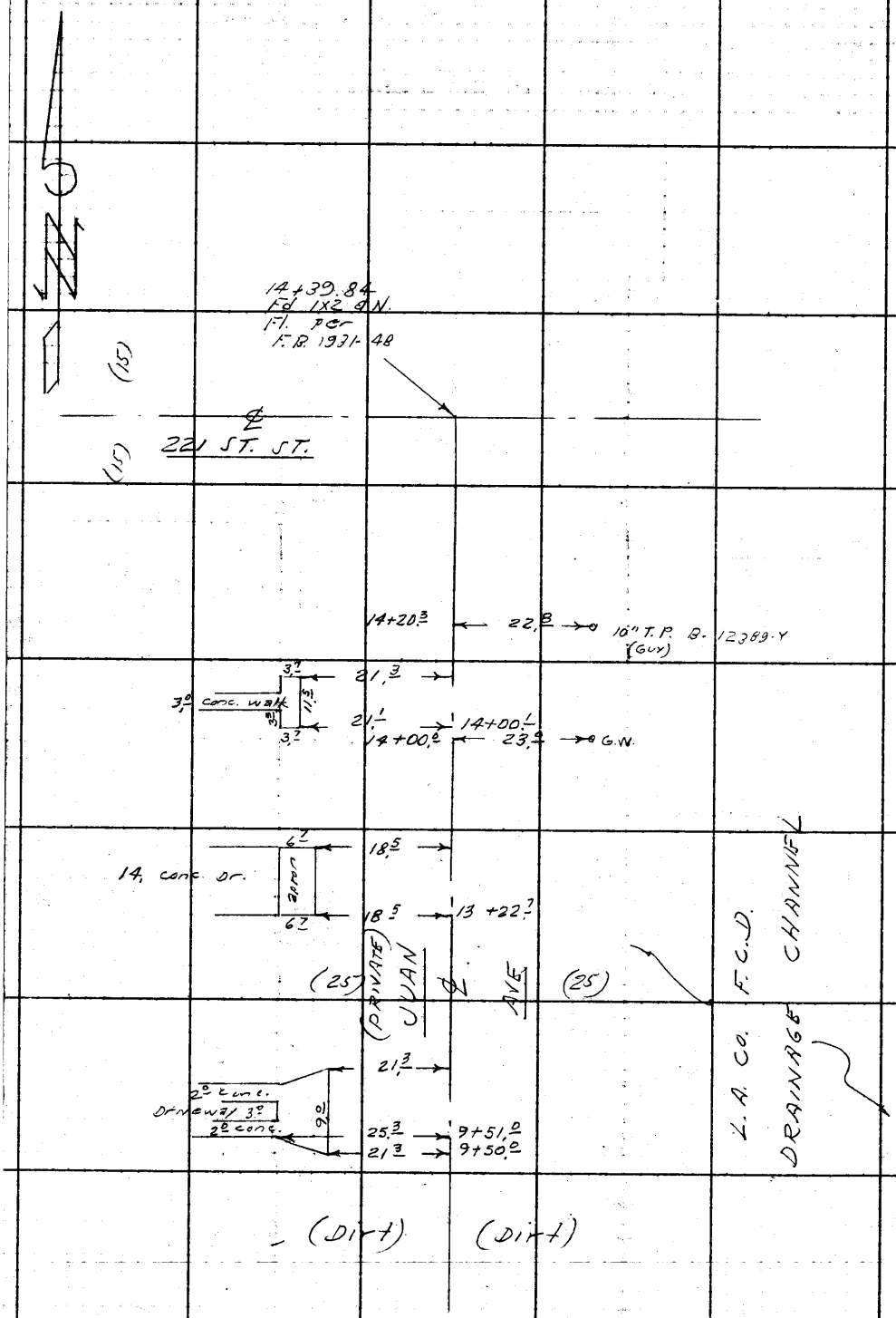
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2186 PG. 214



FROM LFT PG 213

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

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

Profile No. | Notes Red. | Plotted | Job No. 2089.34 | Division No. 10 | F. B. 2186 | Pg. 215

Profile No. | Date | Date | Survey of Joliet Ave - S.S.D.

X-Sec. No. | Notes Chkd. | Checked | Survey by Sappell | Notes D.S. | Date 3-20-59

X-Sec. No. | Date | Date | Map No. | Index K. C. Johnson

J.N. 2089.34

JOLIET AVE - S.S.D.

CROSS - SECTIONS

OF

JUAN AVE

FROM

S'LY LINE L.S. 16-9 TO 221 ST. ST.

STATION	B.S.	H.I.	F.S.	ELEV.
		Party: Sappell Shoemaker Cal: Lieser		

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

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					(To be adj)	
BMNZ 95					BMNZ 95 El. 27.048 F.B.	2186-156, 226 TH. ST. &
(Note: BMNZ 46 destroyed)					Juan Ave, 25° E & 7° S.	of int. N P/L 226 TH ST.
					& ℄ Juan Ave. Bt. spk in	S end conc. head wall
0+95.5				265		℄ prod Juan.
"				270		25' R toe slope w. levee
"		S.M.H.		26.98	8.9 L S.M.H. N. Rim	Rim El. -(M+D) = Invert.
				16.89	inv. El. 10" Inlet E.	26.98 -(9.26+0.83) = 16.89
				17.06	" " 8" stub. N	26.98 -(9.25+0.67) = 17.06
				16.85	" " 10" outlet W.	26.96 -(9.28+0.83) = 16.85
				270	25' L gnd.	
1+25.0	F.B.	2186-212	Lenker Rod	274	int S'ly Line L.S. 16-9	& ℄ Juan Ave
				273		25' R Toe slope w. levee
				270	25 L gnd.	
				266	125 " "	
2+00				269		℄ Juan Ave.
				272		25° R Toe slope W. levee
				272	25 " L gnd.	
2+50				270		℄ Juan
3+00				274		℄ "
				281		25 R Toe Slope W. levee
				271	25 L gnd.	

F. B. 2186 PG. 216 Job No. 2089.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No.
Survey by D. Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+50				274		℄ Juan
4+00				273		℄ "
				277		25 R Toe slope W. Levee
				271	25 L gnd	
4+50				275		℄ Juan
4+75				266	125 L back lot line	
T.P.				270	T.P.	
5+00			Lenka Rod	270		℄ Juan
				271		25 R " " "
				265	25 L gnd	
5+50				261		℄ Juan
6+00				265		℄ "
				272		25 R " " "
				266	25 L gnd	
6+50				269		℄ Juan.
7+00				273		℄ "
				274		25 R " "
				269	25 L gnd	
7+50				265		℄ Juan.
				272		25 R " "
				267	25 L gnd	

Profile Notes Red. ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2186 PG. 217
No. ____ Date ____ Date ____ Survey of Joliet Ave - S.S.D
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sargell Notes D.S. Date 3-20-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76L-298 S & E #307—1-56

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

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Do not extend notes this side of this line.

F. B. 2186 Pg. 218 Job No 208934 Division No 10 Notes Red Date Plotted Profile
Survey of Joliet Ave. - J.S.D. Date No X-Sec.
Survey by Speed II Notes DS Notes Chkd. Checked
Indexed E. Johnson Date Date Date No

STATION	B. S.	H. I.	F. S.	ELEV.		
7+75				25 95		& Juan - 15d pv.
				25 78		11 R cor. guth.
				25 63		15" " 60H. cb. (End)
				26 22		15" " Top "
				25 57	11 L cor. guth.	
				25 38	15" " 60H cb (End)	
				26 03	15" " Top "	
7+92			Lenker Rod	25 30		15" R guth
				26 25		15" R Top C.B.
				24 96	15 L guth	
				25 91	15" L Top C.B.	
7+86				21 20		15" R Inv. Ft. {18"x30" corr. drain pipe & 60H. basin
				21 86	15 L same as RT.	
7+89				25 43		15 R guth.
				26 34		15" " Top C. Basin
				24 96	15" L guth	
				25 91	15" " Top C. Basin	
7+94				25 99		& Juan
				26 13		11 R Ed guth
				25 78	60H cb.	15" " S end C.R. S.E. cor.
				26 49	Top "	15" " " " "

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 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.		
7+94 B				25 50	11 L Fd gutt.	
				25 21	15 " both cb. S. end C.R. S.W. cor	
				25 92	15 " Top " " " " "	
8+00				270		25 R gnd.
				260	25 L gnd	
8+24.86				2648	F.B. 2186-213	℄ int Juan & 223 Rd St.
" "	= 0+00 going E & W. along ℄ of 223 Rd.					
0+31.5 E				2733		℄ 223 Rd
				2703	13 L Fd gutt.	
				2693	15 " both cb., E end C.R. N.E cor.	
			Lanker Road	2747	15 " Top " , " " " "	
0+31.5 E				2707		13 R Fd gutt.
				2695	both cb.	15 " E. end C.R. S.E cor.
				—	Top "	15 " depressed cb.
0+77 E				2833		℄ 223 Rd (bridge)
				2823		15 R both cb.
				2868		15 " Top " (on bridge)
				2823	15 L both cb.	
				2868	15 " Top " (on bridge)	
0+25 W				261		20' R both brk.
				272		25 " Top "

Profile Notes Red. Plotted Job No. 2083 24 Division No. 16 F. B. 2186 PG. 219
No. X-Sec. Date Survey at Colfax Ave. - S.S.D.
Notes Chkd. Checked Survey by Sargent Notes D.S. Date 3.20.59
No. Date Date Map No. Indexed Date

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+30.5 W				25 64		13 R Ed gutt.
				25 48	bott cb	15 " W. end C.R. N.W. cor.
				26 11	Top "	15 " " " "
0+31.5 W				25 94		℄ 223 Rd.
				25 65	13 L Ed gutt.	
				25 52	15 " bott cb. W. end	C.R. S.W. Cor.
				26 14	15 " Top " "	" "
0+41.2 W			Lenker Rd	25 59		13 R Ed gutt.
0+56.5 W				25 58		11 R " "
0+61.5 W				24 99		15 R gutt.
				25 97		15 R Top catch basin
				22 23		16.3 R inv. {18"x30" corr. drain pipe & bott c.B.
0+68.5 W				25 03		15 R gutt.
				25 99		15 R Top c. Basin
0+76.0 W				25 60		11 R Ed gutt.
0+90.4 W				25 62		13 " " "
8+50				27 5		25 R gnd.
8+54.2				26 13		℄ Juan
				26 07		11 R Ed. gutt.
				25 90	bott cb.	15 " N. end C.R. N.E. cor.
				26 53	Top "	15 " " " "

F. B. 2186 Pg. 220 Job No. 2089.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+56.5				25 77	13 L Ed. gutt.	
				25 64	15 " bott cb. N. end	C.R. N.W. cor.
				26 23	15 " Top " "	" "
8+59.7				25 44		15 R gutt.
				26 39		15 " Top C.B.
8+62.0				21 37		15 " inv. {18"x 30" corr. iron drain pipe & bott C.B.
8+66.7				25 36		15 R gutt.
				26 32		15 " Top catch basin
8+ 74.0				26 08		℄ Juan - End pv.
			Lenter Rod	25 90		11 R cor. gutt
				25 73		15 " bott cb (End)
				26 33		15 " Top "
				25 86	13 L cor. gutt.	
				25 76	15 " bott cb (End)	
				26 36	15 " Top "	
9+00				27 0		℄ Juan.
				27 5		25.0 R Toe slope W. Levee.
				27 5	25 gnd.	
BM NZ 92				26 13	BM NZ 92, El. 26.135,	F.B. 2186-148, 223 Rd.
					St. & Juan Ave - S.W. cor - Bt. Spk in cb., 4.5 W. of W. End C.R.	

Profile Notes Red. Plotted Job No. 2089.34 Division No. 10 F. B. 2186 PG. 221
No. Date Date Survey of Joliet Ave - S.J.D.
X-Sec. Notes Chkd. Checked Survey by Sappell Notes D.S. Date 3-20-59
No. Date Date Map No. Index K. C. Johnson

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
9+50				268		℄ Juan
10+00				272		℄ "
				274		25 R Toe slope W. levee
				274	25 L gnd.	
10+50				273		℄ Juan
11+00				274		℄ "
				278		25 R " "
				274	25 L gnd.	
11+50			Lenker Rod	274		℄ Juan
11+75				274	125 L back lot line	
12+00				275		℄ Juan
				278		25 R " "
				276	25 L gnd	
12+50				275		℄ Juan
13+00				276		℄ "
				280		25 R " "
				278	25 L gnd.	
13+50				281		℄ Juan
14+00				281		℄ "
				283		25 R " "
				281	25 L	

F. B. 2186 Pg. 222
Job No. 2089.34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
14+25				282		& Juan
				283		25 R gnd
			Center Rod	282	25 L gnd	
				282	125 " "	
14+39.84				281	F.B. 2186-214	& int Juan & 221 ST ST
BM NZ 24				2836	BM NZ 24 El. 28.356, F.B. 2186-149, 221 ST ST & Juan Ave (To. So.) S.W. cor. Bt Spk in walk to Ho 22101 Juan Ave.	

Profile Notes Red. _____ Plotted _____ Job No. 2069.34 Division No. 10
No. _____ Date _____ Date _____ Survey of Valley Ave - J.S.D.
X-Sec. Notes Chkd. _____ Checked _____ Survey by J.S.D. Notes D.S. Date 3-20-59
No. _____ Date _____ Date _____ Map No. _____ Index No. C. Johnson

F. B. 2186 Pg. 223

F. B. 2186 Pg. 224

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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700 Los Angeles County Engineering Bldg.

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76L-298 S & E #307—1-56

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

Survey of Joliet Ave- S.S.D. F.B. 2186 Pg. 225
JN 2089.34 Tape Std °F
Surveyed by D. Sappell
Notes D.I. & C.E.V. Date 3-17-59
Indexed 3-24-59

J.N. 2089.34

JOLIET AVE- S.S.D.

LOC. OF IMP.

OF

ELAINE AVE

FROM

S'LY LINE L.S. 16-9 TO 221 ST. ST.

party: Sappell
Shoemaker
Caro
Lieber

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

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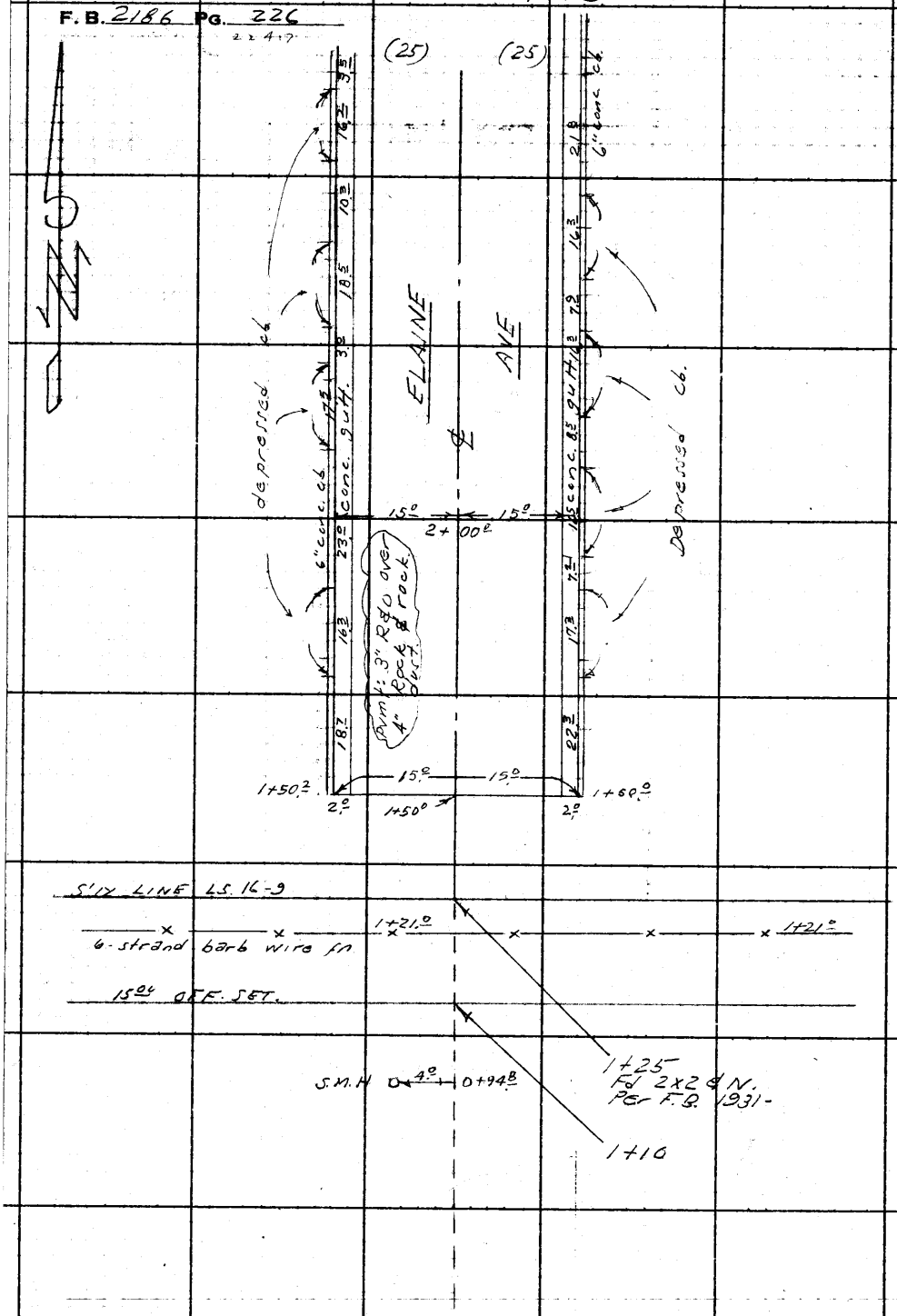
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-58

To bott PG 227

F.B. 2186 PG. 226



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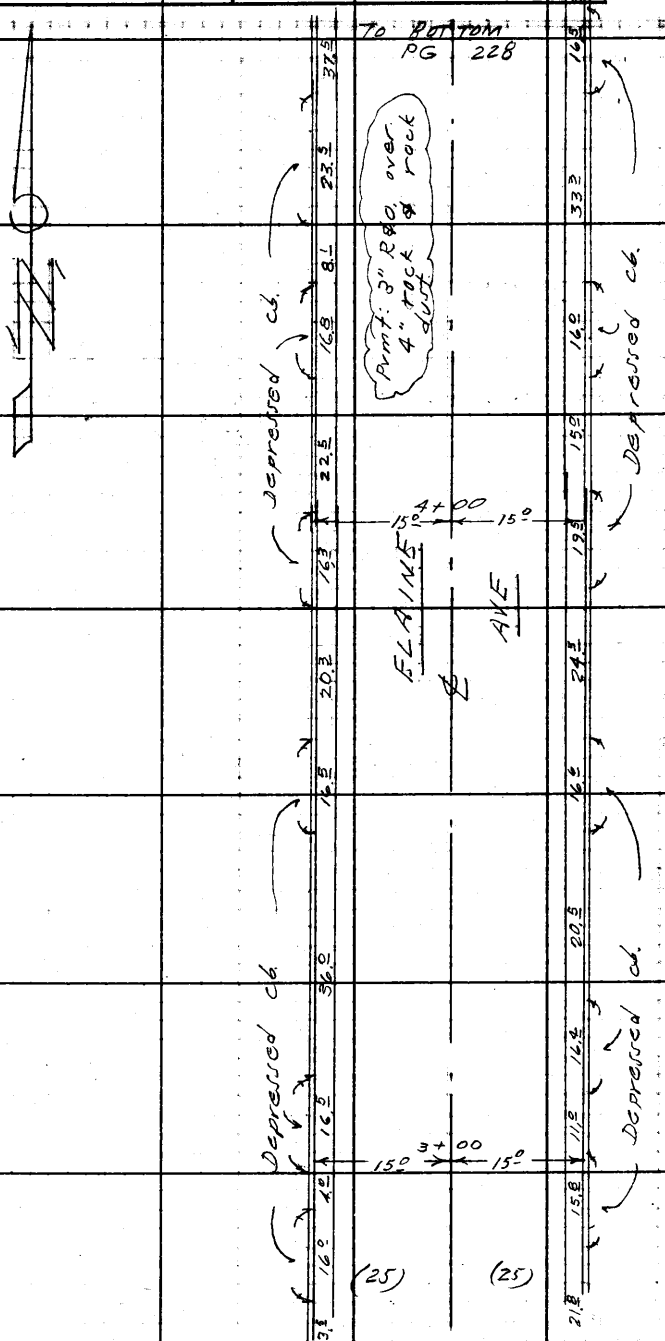
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Joliet Ave- S.S.D.
Map No.	JN 208934 Tape Std °F
Office Work	Surveyed by D. Sappell
Checked	Notes D.S. & C.E.S. Date 3-17-59
Date	Indexed A. C. Johnson

F. B. 2186 PG. 227



FROM TOP PG 226

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

Do not extend notes this side of this line.

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

763098 CE #247—7-59

F. B. 2186 PG. 228

To BOH PG 229

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

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

Notes Ck'd by		Survey of Joliet Ave - S.S.D.	F. B. 2186 PG. 229
Map No.		JN 2089.34 Tape Std °F	
Office Work		Surveyed by D. Sappell	
Checked		Notes S.S.C.E.S. Date 3-17-59	
Date		Indexed C. Johnson	

To Bott. Pg. 230

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

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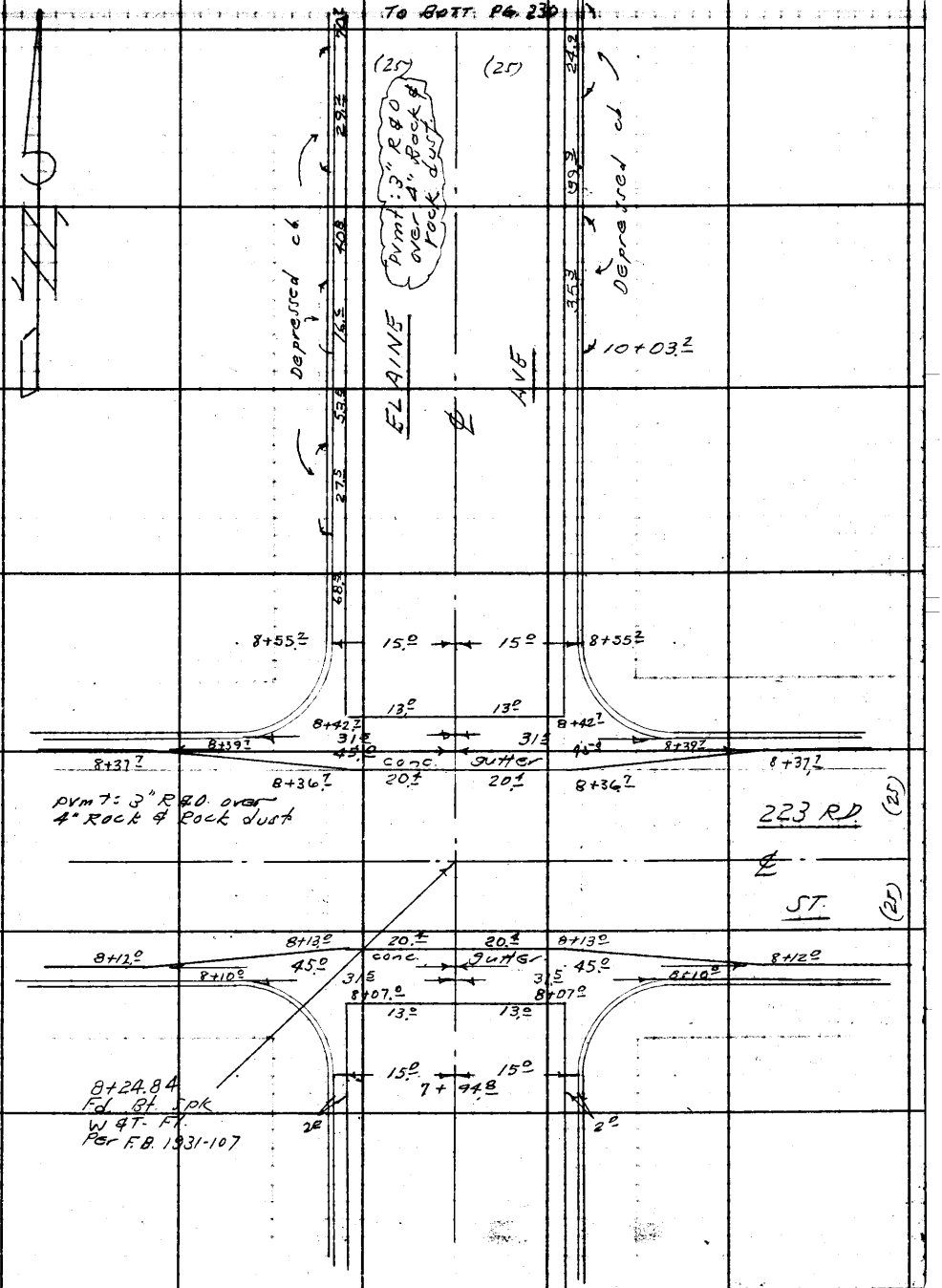
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

765098 CE #247—7-58

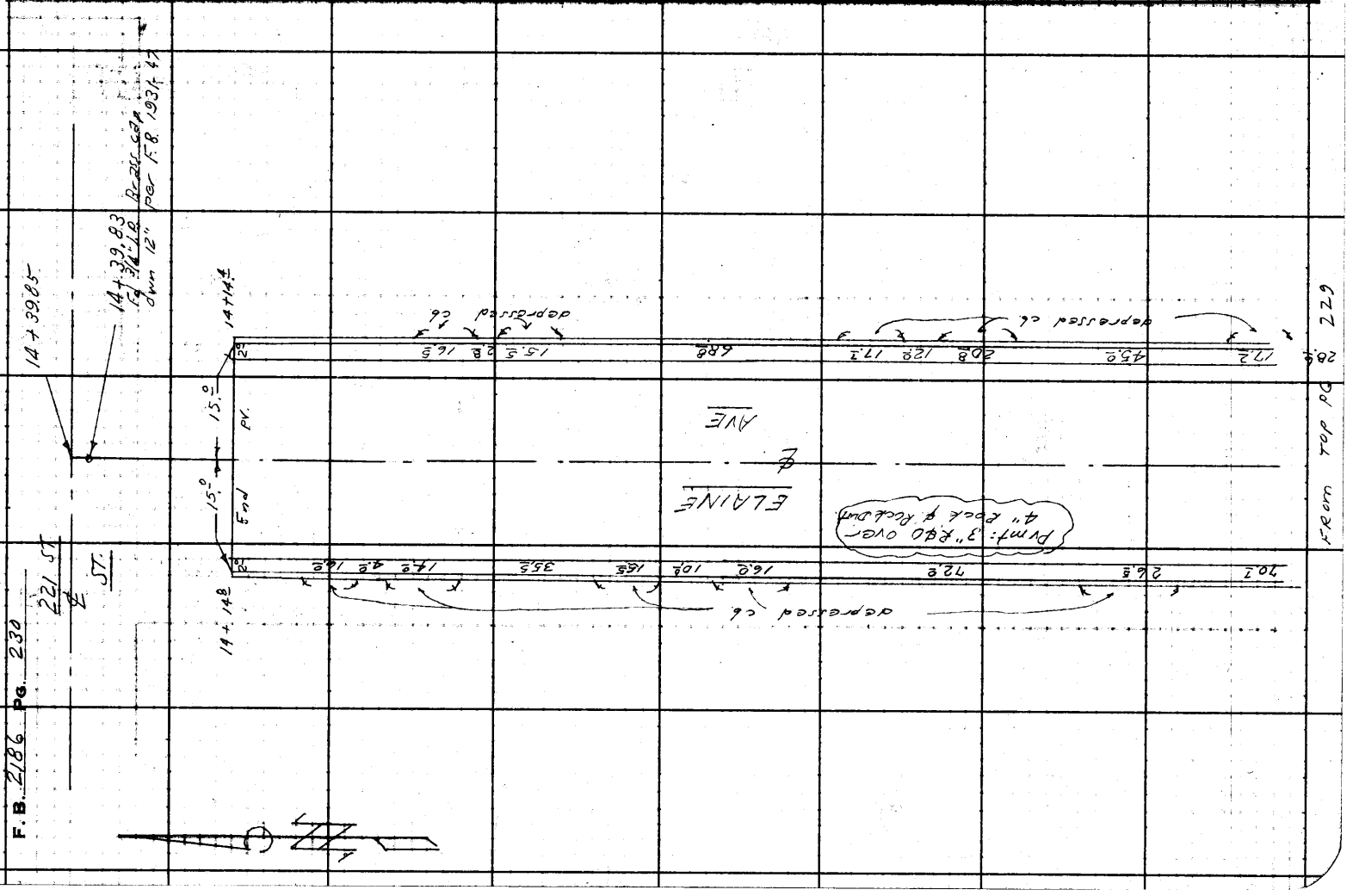


From Top Pg 228

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

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

Do not extend notes this side of this line.



Profile No. | Notes Red. | Plotted | Job No. 2089.34 | Division No. 10 | F. B. 2186 | Pg. 231

Profile No. | Date | Date | Survey of JOLIET AVE - S.S.D.

X-Sec. No. | Notes Chkd. | Checked | Survey by Sappell | Notes D.S. | Date 3-20-59

X-Sec. No. | Date | Date | Map No. | Indexed C. Johnson | Date

J.N. 2089.34

JOLIET AVE - S.S.D.

CROSS - SECTIONS

OF

ELAINE AVE

FROM

S'LY LINE L.S. 16-9 TO 221 ST ST.

party: Sappell
Shoemaker
caro
+ eber

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

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

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700 Los Angeles County Engineering Bldg.

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76298 S & E #307—7-55

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 2186 Pg. 232 | Job No. 2089.34 | Division No. 10 | Notes Red. | Plotted | Profile
Survey of Joliet Ave - S.S.D. | Date | No. | X-Sec.
Survey by D. Sappell Notes 25 | Notes Chkd. | Checked
Indexed K. Johnson Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM NZ 96				26 22	BM NZ 96 El. 26.224 (To be adj) F.B. 2186-156 Elaine Ave (W side) 661' S. of ℄ 223 Rd. St. - Bt spk in cb. - 14° N of S. end.	
0+948				2721	4° L S.M.H N. Rim	
				16 46	inv. El. 10" inlet E.	27.19 R.im El.-(M + D) = Invert (9.90+0.83) = 16.46
				16 42	" " 8" stub N.	27.21 (10.12+0.67) = 16.42
				16 38	" " 10" outlet W	27.19 (9.98+0.83) = 16.38
1+25				270	Int. S'LY Line L.S. 16-9 & ℄ Elaine	
				270		25 R gnd.
						125 " "
				268	25 L gnd.	
				268	125 "	
1+50				2600		℄ Elaine En pr.
				2578		13 R cor. guth.
				2562		15 " both cb (End)
				2622		15 " Top "
				265		25 P/L
				2574	13 L cor guth.	
				2558	15 " both cb.	
				2618	15 " Top " (End)	
				265	25 " P/L	

Lenker Road

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
2+00				26 12		℄
				25 78		13 R Ed gutt
				25 68		15 " bott ch
				26 27		15 " Top "
				26 6		25 " P/L
				25 80	13 L	
			Lenker Rod	25 70	15 "	same as RT.
				26 28	15 "	
				26 6	25 "	
+50				26 15		℄ Elaine
3+00				26 23		℄ "
				25 95		13 R
				25 78		15 " same
				26 39		15 "
				26 6		25 "
				25 92	13 L	
				25 80	15 "	same
				—	15 "	Depressed ch
				26 6	25 "	
3+50				26 25		℄ Elaine
4+00				26 28		℄ "

Profile Notes Red. Plotted Job No. 208934 Division No. 10 F. B. 2186 PG. 233
No. Date Date Survey of Voliet Ave. S.S.D.
X-Sec. Notes Chkd. Checked Survey by Sappell Notes D.S. Date 3-20-59
No. Date Date Map No. Indexed Date
A. C. Johnson

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

F. B. 2186 Pg. 234 | Job No 2289.34 Division No 10 Notes Red Ploted Profile
Survey of Joliet Ave. - S.S.D. Date No X-Sec.
Survey by Sapsal Notes D.S. Notes Chkd Checked
Indexed C. Johnson Date Date Date No

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
4+00				25 98		13 R Ed gutt.
				25 87		15 " both ch
				—		15 " Top "
				26 5		25 " P/L
				25 98	13 L Ed gutt.	
				25 91	15 " both ch.	
			Lenker Rod	26 49	15 " Top "	
				26 9	25 " P/L	
T.P.				26 47	T.P.	
4+50				26 28		& Elaine
4+75				26 6		125 R back lot line
				27 3	125 L back lot line	
5+00				26 34		& Elaine
				26 04		13 R
				25 95		15 "
				26 55		15 " same
				26 7		25 "
				26 08	13 L	
				25 98	15 " same	
				26 54	15 "	
				26 8	25 "	

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
5+50				26 42		℄ Elaine
6+00				26 40		℄ "
				26 16		13 R Ed gutt
				26 06		15 " bott cb
				26 63		15 " top "
				26 9		25 P/L
			Lenker Rod	26 12	13 L	
				26 00	15 " same	
				26 59	15 "	
				26 9	25 "	
6+50				26 44		℄ Elaine
7+00				26 37		℄ "
				26 02		13 R
				25 92		15 " same
				26 53		15 "
				26 7		25 "
				26 06	13 L	
				25 94	15 " same	
				26 54	15 "	
				27 3	25 "	
7+50				26 28		℄ Elaine

Profile Notes Red ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2786 PG. 235
No. ____ Date ____ Date ____ Survey of Joliet Ave - S.S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Sappell Notes D.S. Date 3-20-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

F. B. 2186 Pg. 236 Job No. 2089.24 Division No. 10 Notes Red ____ Date ____ Plotted ____ Date ____ Profile No. ____
Survey of Joliet Ave. - S.S.D. Notes Chkd. ____ Date ____ Checked ____ Date ____ X-Sec. No. ____
Survey by Topel Notes D.S.
Indexed A. C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.		
7+94 B				2618		℄ Elaine
				2597		13 R Ed. gutt.
				2581	both cb.	15' " S. end C.R. S.E. cor.
				2642	Top "	15' " " " "
				2395	13 L Ed gutt.	S. end C.R. S.W. cor.
				2580	15' " both cb.	" " "
				2640	15' " Top "	" " "
8+00				272		25° R P/L
			Lanker Rod	273	25' L P/L	
8+07 ±				2588		℄ Elaine - Ed "X" gutt.
				2587		13 R int Ed "
				2391	13 L int ed gutters	
8+10 ±				2583		℄ Elaine F/L " "
				2564	both cb.	31.5' R E. end C.R. S.E. cor.
				2628	Top "	31.5' " " " " "
				2580	31.5' L both cb.	W. end C.R. S.W. cor.
				2639	31.5' " Top "	" " " "
8+13 ±				2589		℄ Elaine
				2586		20 ± R ℄ pt. ed "x" gutt.
				2597	20 ± L ℄ pt. ed "x" gutt.	

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+24.84				2613	F.B. 2186-229	℄ int. Elaine & 223 Rd
" "	= 0+00 going E. & W. along ℄ of 223 Rd					
0+45 E				2577		13 R Ed gutt
				2581	13 L Ed gutt.	
1+25 E				2597		℄ 223 Rd
				2564		13 R Ed gutt
			Lenke Rod	2557		15 " bott cb.
				2612		15 " Top "
				270		25 " P/L
				2566	13 L	
				2553	15 " same	
				2611	15 "	
				273	25 "	
0+45 W				2589		13 R Ed gutt
				2598	13 L Ed. gutt	
1+25 W				2641		℄ 223 Rd
				2607		13 R Ed gutt
				2597		15 " bott cb.
				2653		15 " Top "
				274		25 " P/L
				2609	13 L Ed gutt.	

Profile Notes Red. Plotted Job No. 208934 Division No. 10 F. B. 2186 PG. 237
No. Date Date Survey of Joliet Ave. S.S.D.
X-Sec. Notes Chkd. Checked Survey by Sappell Notes D.S. Date 3-20-59
No. Date Date Map No. Index [illegible]

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
1+25- W				25 95	15 L bott cb.	
				26 53	15 " Top "	
				27 0	25 " P/L	
8+36 7				25 84		℄ Elaine - Ed "x" gutt.
				25 81		20 4 R ∡ PT. Ed " "
				25 88	20 4 L ∡ PT. ed "x" gutt	
8+39 7				25 79		℄ Elaine F/L " "
				25 65	bott cb.	31 5 R E. end C.R. N.E. cor.
				26 27	Top "	31 5 " " " "
				25 74	31 5 L bott cb. W. end C.R. N.W. cor.	
				26 33	31 5 " Top " " " "	
8+42 7				25 88		℄ Elaine - Ed "x" gutt.
				25 82		13 R int Ed gutt
				25 88	13 L int. Ed gutt	
8+50				27 2		25° R P/L
				27 2	25 L P/L	
8+55 2				26 24		℄ Elaine
				25 98		13 R Ed gutt.
				25 87	bott cb.	15 " N. end C.R. N.E. cor.
				26 44	Top "	15 " " " "
				25 92	13 L Ed gutt.	

Lenker Rod

F. B. 2186 Pg. 238 Job No. 2089 34 Division No. 10 Notes Red. Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No. X-Sec.
Survey by Sappell Notes D.S. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
8+55²				25 83	15 L bott cb. N. end C.R. N.W. cor.	
				26 45	15 " Top " " " "	
9+00				26 36		℄ Elaine
				26 08		13 R Ed gutt.
				25 95		15 " bott cb.
			Lenke Rod	26 53		15 " Top "
				27 2		25 " P/L
				26 07	13 L	
				25 95	15 " same	
				26 55	15 "	
				27 0	25 "	
BMNZ 93				26 25	BMNZ 93. El. 26.254, F.B. 2186-148, 223 Rd St. ℄ Elaine Ave, N.E. cor. - Bt. spk in cb. 6° E. of E end C.R.	
9+50				26 43		℄ Elaine
10+00				26 58		℄ "
				26 24		13 R
				26 10		15 " same
				26 70		15 "
				27 7		25 "
				26 25	13 L Ed gutt.	

Profile Notes Red. Plotted Job No. 2089.34 Division No. 10 F. B. 2186 Pg. 239
No. Date Date Survey of Joliet Ave. S.S.D.
X-Sec. Notes Chkd. Checked Survey by Sappell Notes DS Date 3-26-59
No. Date Date Map No. Indexed C. Johnson Date

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
10+00				2612	15 L bott. cb.	
				2672	15 " Top "	
				276	25 " P/L	
10+50				2672		℄ Elaine
11+00				2680		℄ "
				2646		13 R Ed. gutt.
				2635		15 " bott cb
				2693		15 " Top "
				276		25 " P/L
			Lenker Rod	2644	13 L	
				2630	15 "	
				2690	15 " same	
				274	25 "	
11+50				2688		℄ Elaine
11+75				274		125 R back lot line
				275	125 L back lot line	
12+00				2695		℄ Elaine
				2664		13 R
				2652		15 "
				2711		15 " same
				276		25 "

F. B. 2186 Pg. 240
Job No 2089.34 Division No. 10 Notes Red Plotted Profile
Survey of Joliet Ave. S.S.D. Date Date No.
Survey by Sappell Notes D.S. Notes Chkd Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
12+00				2668	13 L Ed. gutt	
				2648	15 " bott cb.	
				2709	15 " Top "	
				275	25 " P/L	
T.P.				2713	T.P.	
12+50				2711		℄ Elaine
13+00			Lenker Rod	2720		℄ "
				2685		13 R
				2675		15 " same
				2735		15 "
				278		25 "
				2687	13 L	
				2673	15 " same	
				2733	15 "	
				279	25 "	
13+50				2726		℄ Elaine
14+00				2728		℄ "
14+14.4				2708		13 R cor. gutt.
				2696		15 " bott cb.
				2756		15 " Top " (End)
14. + 14.6				2734		℄ Elaine - End pv.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2089.34 Division No. 10 F. B. 2786 Pg. 241
Date ____ Date ____ Survey of Joliet Ave. S.S.D.
X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Sappell Notes D.S. Date 3-20-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. 2186 Pg. 242 Job No. 2089.34 Division No. 10 Notes Red. Plotted

Survey of Joliet Ave. S.S.D. Date Date

Survey by Sappell Notes D.S. Notes Chkd. Checked

Index [redacted] Date Date Date

			Lenker Rod	2694	15 " bott cb. (End)	
				2755	15 " Top "	
14+25				275		℄ Elaine
				276		25 R gnd
				282		125 " "
				280	25 L gnd	
				286	125 " "	
14+39.85				277	F.B. 2186-230	℄ int Elaine & 221 ST.
BM NZ 23				2845	BM NZ-23 El. 28.455	F.B. 1931-13 F.B. 2186-149, 221 ST. ST.
					℄ Elaine Ave, S.E. Cor - Bt. Spk in porch to Ho #22102	