76F3088 247 10M 1-49

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

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INDEX TO F.B. 1633

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W. O. Tape No. St'd. °F
Surveyed by
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F. B. PG.

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725 LOS ANGELES COUNTY
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1633
F.B. PG. 5

NOTES RED ____ JOB NO. 1358 SURVEY OF Hawthorne Ave
DATE ____ SURVEY BY Van Deren
NOTES CHKD. H.D.H. NOTES BY Van DATE 4-20-50
DATE 5-5-50 INDEXED A. C. Johnson DATE FEB 7 '51

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315 CIVIC CENTER BLDG.

765420 353 2M 3-48

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JN 1358						
BENCH MARK LEVELS CHK						
HAWTHORNE AVE SEWER DISTRICT						
4-20-50 Van Deren Stangeland Blankenship Kiertzner						
indexed 7-20-59						

FORM 353 2M 3-48

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315 CIVIC CENTER BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
~~(Fd)~~ N107	59.759					BM N107 Elev = 59.759 FB 1241-8
125' +	1.968		1.759			Compton Blvd & Mansel Ave S.E. Cor
Π	61.727	-3039.	3.039		-3.0390'	X cut in top of collar E. side of Fire plug
125' ~~(Gd)~~	5.007		4.798			
NE-1	56.720	use				BM NE #1 Elev =
150' +	4.621		4.562			Compton Blvd & Gerrilea Ave. S.W. Cor
Π	61.341	+0.490	0.490		+0.4900'	Bt Spk in conc walk to no # 15101
150' —	4.131		4.072			
T.P	57.210					
35' +	4.520		4.386			
Π	61.730	-0.217	0.217		-0.2170'	
35' — ~~(Fd)~~	4.737		4.603			
N105	56.993					BM N105 Elev = 56.969 FB 1241-6
100' +	4.629		4.528			Compton Blvd & Bucin Ave. S.E. Cor
Π	61.622	-0.739	0.740		-0.7395'	Bt Spk in conc walk to no # 4424
100' —	5.368		5.268			
T.P	56.254					
75' +	5.400		5.648			
Π	61.654	+0.899	0.899		+0.8990'	
75' — ~~(Fd)~~	4.501		4.749			
BM #17	57.153	use				BM #17 Elev = 57.147 FB 1241-6
150' +	3.731		3.691			Compton Blvd & Hawthorne Ave S.E. Cor
Π	60.884	-2092	2.092		-2.0920	Cut Spk in wing wall of Conc Culvert
150' —	5.823		5.783			E. side of P.E. Rd
T.P	55.061					
150' +	4.298		4.191			
Π	59.359	-0.990	0.990		-0.9900'	
150' —	5.288		5.181			
T.P	54.071					

NOTES RED. ____ DATE ____ NOTES CHKD. ____ DATE ____

JOB NO. 1358 SURVEY OF Hawthorne Ave
SURVEY BY Van Deren DATE 4-20-50
NOTES BY Van
INDEXED A. C. Johnson DATE

F.B. 1633 Pg. 6

76S420 353 2M 3-48

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	54.071					TP per pg 6
115' +	4.650		4.537			
Π	58.721	-0.414	0.411		-0.4125'	
115' —	5.064		4.948			
N-22 (Fd)	53.657 use					BM N 22 Elev = 53.603 FB 1168-52
150' +	4.769		4.669			Hawthorne Ave & 153rd st. S.W. Cor
Π	58.426	-0.544	0.541		-0.5425'	Bt Spk in W. end CR.
150' —	5.313		5.210			
T.P.	53.113					
85' +	4.980		4.928			
Π	58.093	-0.230	0.230		-0.2300'	
85' (Fd)	5.210		5.158			
N-23	52.883 use					BM N-23 Elev = 52.760 FB 1168-51
75' +	6.410		6.540			Hawthorne Ave & 154th St N.W. Cor
Π	59.293	+1.467	1.467		+1.4670'	Bt Spk in W. end CR.
75' —	4.943		5.073			
N-82 (Fd)	54.350					BM N 82 Elev = 54.271 FB 1168-55
150' +	3.955		3.934			Hawthorne Ave & 154th St N.E. Cor
Π	58.305	-2.178	2.176		-2.1770'	Bt Spk in N. headwall of Culvert
150' —	6.133		6.110			E. of P.E. Ry
T.P.	52.172					
115' +	4.651		4.607			
Π	56.823	-0.464	0.464		-0.4640'	
115' —	5.115		5.071			
N-24 (Fd)	51.708 use					BM N-24 Elev = 51.671 FB 1168-51
100' +	5.962		5.914			Hawthorne Ave & 156 St N.W. Cor
Π	57.670	+0.218	0.218		+0.2180	Bt spk in chiseled square E end Outlet Basin
100' —	5.744		5.696			
N-88 (Fd)	51.926					BM N 88 Elev = 51.882 FB 1168-54
						Hawthorne Ave & 156 St S.E. Cor
						Bt Spk in headwall of Culvert

NOTES RED. _____ DATE _____
NOTES CHKD. _____ DATE _____
INDEXED R. C. Johnson DATE _____

JOB NO. 1358 SURVEY OF Hawthorne Ave
SURVEY BY Van Deren DATE 4-20-50
NOTES BY Van

F.B. 1133 PG. 7

FORM 353 2M 3-48

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JOB NO. 1358 SURVEY OF Hawthorne Ave
SURVEY BY Van Derra
NOTES BY L. O. Johnson DATE 4-20-50
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
N-88	51.926					BMN88 pg 7
120' +	4.718		4.820			
π	56.644	-0.133	0.130		-0.1315	
120' —	4.851		4.950			
TP	51.793					
150' +	4.047		3.995			
π	55.840	+0.244	0.245		+0.2445	
150' —	3.803		3.750			
TP	52.037					
120' +	4.610		4.540			
π	56.647	+0.980	0.980		+0.9800	
120' — (set)	3.630		3.560			
LF44	53.017					BMLF44 Elev = 52.978 FB 1232-186
140' +	4.294		4.261			156 St & Grevillea Ave. N.E. Cor
π	57.311	+0.512	0.511		+0.5115	Wire spk in PP # 659292 E
140' — (set)	3.782		3.750			
NF2	53.529					BMNF2 Elev =
150' +	4.830		4.995			156th St & Mansel Ave S.E. Cor
π	58.359	-0.302	0.303		-0.3025	Bt spk in cond walk to ho # 4522
150' —	5.132		5.298			
TP	53.227					
150' +	5.494		5.368			
π	58.671	+2.933	2.933		+2.9330	
150' — (set)	2.511		2.435			
NF3	56.160					BMNF3 Elev =
150' +	3.386		3.344			156th St & Firmona Ave N.W. Cor
π	59.546	-1.605	1.604		-1.6045	x cut in top of collar E. side of fire plug
150' —	4.991		4.948			
TP	54.555					

F.B. 1633 Pg. 8

76S420 353 2M 3-48

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	54.555					T.P. per pg 8
150' +	5.328		5.203			
⊼	59.883	+0.865	0.862		+0.8635	
150' —	4.463		4.341			
T.P.	55.420					
85 +	6.050		5.947			
⊼	61.470	+0.579	0.579		+0.5790	
85 (Set)	5.471		5.368			
NE 4	55.999					BM NE 4 Elev =
150' +	6.022		5.982			154th St & Condon Ave at ℄ int
⊼	62.021	+2.244	2.244		+2.2440	C.S. Br cp Mon 12" dp in casing With Cl Cover
150' —	3.778		3.738			
T.P.	58.243					
130' +	4.310		4.231	4.138		
⊼	62.553	-2.121	2.116	2.122	-2.1215	
130' (Set)	6.431		6.347	6.260		
NF 5	56.122					BM NF 5 Elev =
150' +	5.002		4.888			154th St & Firmona Ave at ℄ int
⊼	61.124	+1.659	1.656		+1.6575	C.S. Br Cp Mon 12" dp in casing With Cl Cover
150' —	3.343		3.232			
T.P.	57.781					
+	5.360		5.211			
⊼	63.141	+1.081	1.081		+1.0810	
(Fd)	4.279		4.130			
LF 49	58.862					BM LF 49 Elev = 58.609 FB 1239-188
150' +	4.025		4.083			154th St & Mansel Ave. N.W. Cor
⊼	62.887	-0.789	0.792		-0.7905	Bt Sp k in E end Conc Dr to ho # 15337
150' —	4.814		4.875			
TP	58.073					

NOTES RED. ____ JOB NO. 1358 SURVEY OF Hawthorne
DATE ____ SURVEY BY Van Deren
NOTES CHKD. ____ NOTES BY Van C. Johnson DATE 9-29-50
DATE ____ INDEXED ____ DATE ____

F.B. 633 PG. 9

FORM 353 2M 3-48

PLEASE RETURN TO
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315 CIVIC CENTER BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	58.073					T.P. per pg 9
45' +	4.354		4.223			
Π	62.427	-0.296	0.298		-0.2970	
45' — (Fd)	4.650		4.521			
LF50	57.777					BM LF50 Elev = 57.686 FB 1239-189
150' +	3.569		3.448			154th St & Grevillea Ave S.E. Cor
Π	61.346	-1.963	1.962		-1.9625	Bt Spk in walk to ho # 4452
150' —	5.532		5.410			
T.P.	55.814					
150' +	2.582		2.482			
Π	58.396	-2.926	2.923		-2.9245	
150' — (Fd)	5.508		5.405			
N23	52.886					BM N23 Elev = 52.760 FB 1168-51
						Hawthorne Ave & 154th St. N.W. Cor
						Bt Spk in W. end CR
		Circuit #2				
(Fd) LF50	57.777					BM LF50 Elev = 57.777 FB 1633-10
150' +	4.532		4.463	4.451		154th St & Grevillea Ave S.E. Cor
Π	62.309	0.880	0.885	0.886	-0.88557	Bt Spk in walk to ho # 4452
150' —	5.412		5.348	5.337		
T.P.	56.897					
80' +	3.383		3.348			
Π	60.280	-1.300	1.298		-1.2990	
80' — (Fd)	4.683		4.646			
NF6	55.597					BM NF6
50' +	4.173		3.988			Grevillea Ave & 153rd St S.W. Cor
Π	59.770	-0.483	0.483		-0.4830	Bt Spk in conc walk to ho # 15341
50' —	4.656		4.471			
T.P.	55.114					

NOTES RED. ____ DATE ____ NOTES CHKD. ____ DATE ____

JOB NO. 1358 SURVEY OF Hawthorne

SURVEY BY Van Deren DATE 4-20-50

NOTES BY A. C. Johnson DATE

INDEXED DATE

F.B. 1633 PG. 10

76S 420 353 2M 3-48

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	55.1141					T.P. per pg 10
110' +	5.458		5.408			
Π	60.572	+1.732	1.735		+1.7335	
110' (Ed)	3.726		3.673			
NF7	56.846 WL					BM NF7 Elev =
110' +	3.789		3.730			Mansel Ave & 153rd st S.E. Cor
Π	60.635	-1.590	1.591		-1.5905	L & T.K. in Conc Walk Taho #15300
110' −	5.379		5.321			
T.P.	55.256					
150' +	4.218		4.178	4.092		
Π	59.474	-0.924	0.930	0.929	-0.9295	
150' −	5.142		5.108	5.021		
T.P.	54.332					
100' +	4.672		4.579			
Π	59.004	-0.037	0.039		-0.0380	
100' −	4.709		4.618			
T.P.	54.295					
100' +	4.159		4.085			
Π	58.454	-0.622	0.624		-0.6230	
100' − (Ed)	4.781		4.709			
N22	53.673 WL					BM N22 Elev = 53.657 FB 1633-7
						Hawthorne Ave & 153rd St. S.W. Cor
						Bt spk in W end CR.
(Ed)			Circuit #3			
NF6	55.597 W					BM NF6 Elev = 55.597 FB 1632-10
150' +	3.928		3.848			Grevillea Ave & 153rd st S.W. Cor
Π	59.525	-0.385	0.382		-0.3835	Bt spk in Conc Walk Taho #15301
150' −	4.313		4.230			

NOTES RED. _____ JOB NO. 1358 SURVEY OF Hawthorne Blvd
DATE _____ SURVEY BY Van Dercn
NOTES CHKD. _____ NOTES BY R. C. Johnson DATE 7-20-50
DATE _____ INDEXED _____ DATE _____

F.B. 1633 PG. 11

FORM 353 2M 3-48

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	55.212					T.P. per pg 11
90'+	5.138		5.030	5.005		
⊼	60.350	+0.176	0.169	0.171	+0.1700	
90' (set)	4.962		4.861	4.834		
NF8	55.388					BM NF8 Elev =
125'+	4.768		4.817			Grevillea Ave (E side) 375± N 153rd St
⊼	60.156	+0.947	0.950		+0.9405	Bt Spk in N.W. Cor of Conc Valve box
125'—	3.821		3.867			at Bilt-Rite Cabinet Co # 15206
T.P.	56.335					at N side of Bldg
90'+	4.478		4.510			
⊼	60.813	+0.388	0.387		+0.3875	
90' (Fd)	4.090		4.123			
NF1	56.723					BM NF1 Elev = 56.720 FB 1633-6
						Compton Blvd & Grevillea Ave S.W. Cor
						Bt Spk in Conc Walk to ho # 15101

JOB NO. 1358 SURVEY OF Hawthorne Ave NOTES RED. DATE
SURVEY BY Van Deren DATE 9-20-50 NOTES CHKD. DATE
NOTES BY Van
INDEXED R. C. Johnson DATE

F.B. 1633 PG. 12

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

Survey of Hawthorne Ave.
W.O. 1358 Tape No. St'd °F
Surveyed by Van Deren
Notes Van Date 4-24-50
Indexed B. C. Johnson

F. B. 1693 Pg. 13

CI-1358

TOPOGRAPHY ON 154th ST

FROM HAWTHORNE AVE TO CONDON AVE

HAWTHORNE AVE SEWER DISTRICT

4-24-50

Van Deren
Strangeland
Blankenship
Kirtzner

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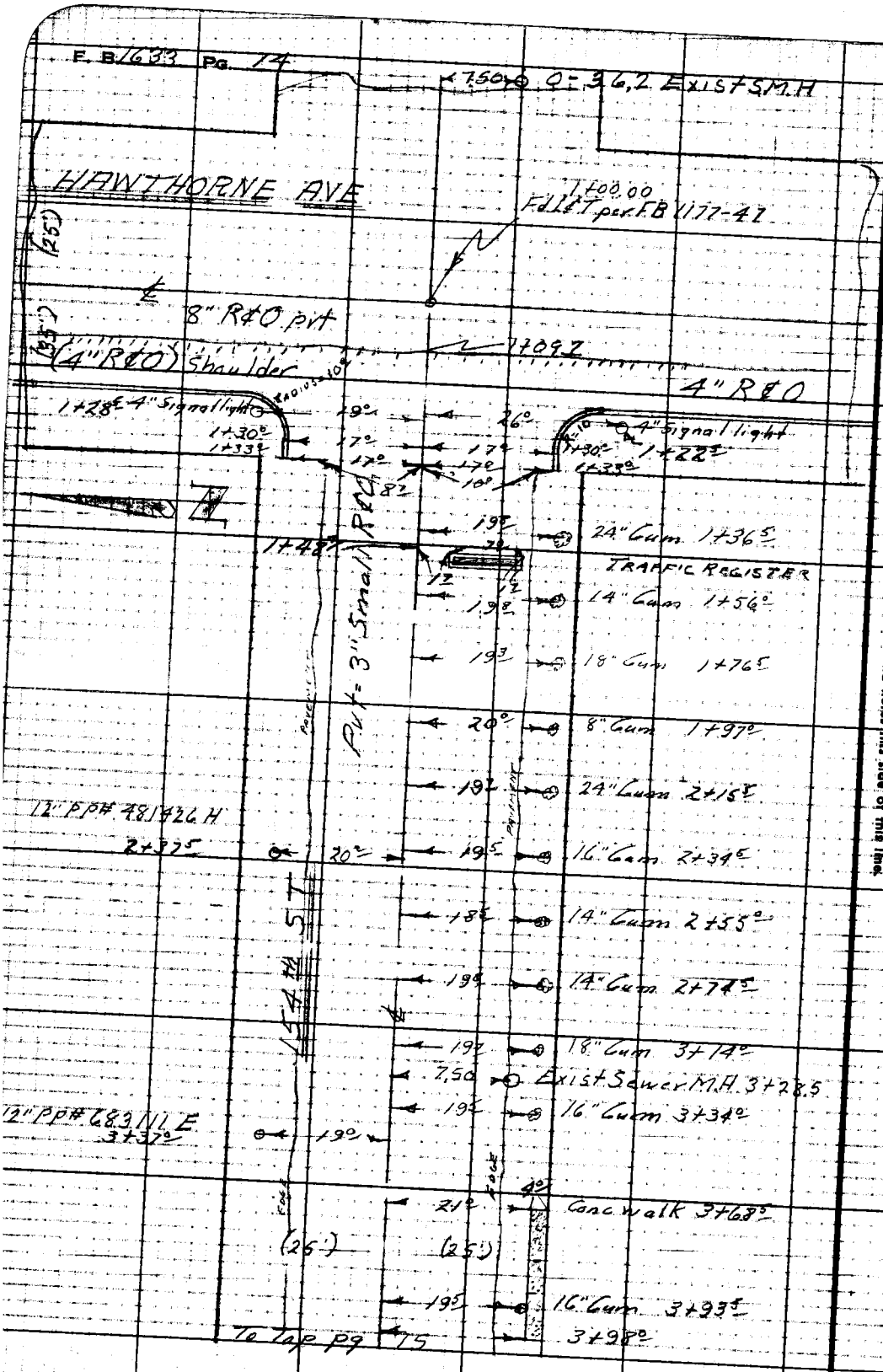
723 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3088 247 10M 1-49



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F.B. 1633 Pg. 15

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Office Work
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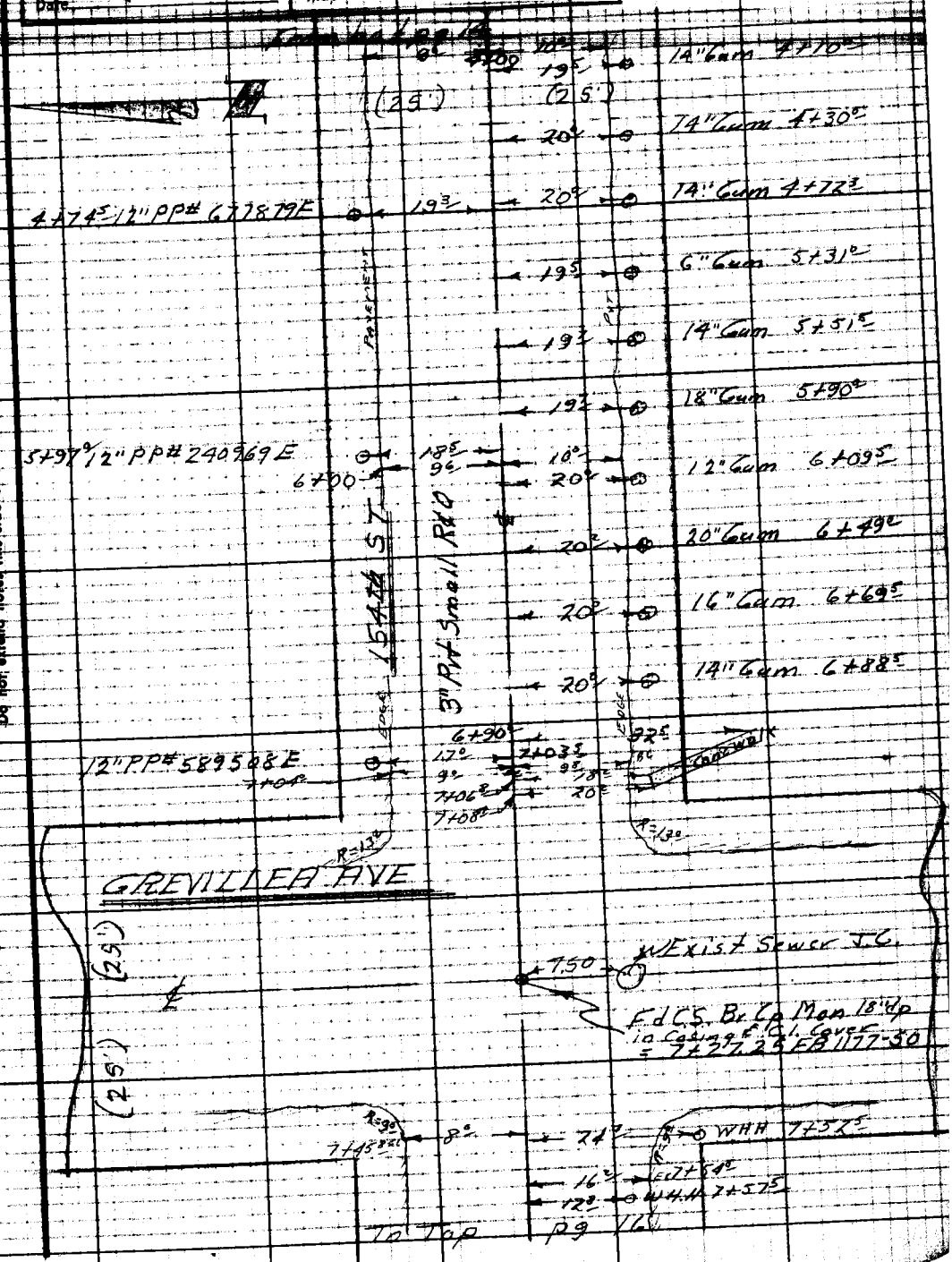
Date

Survey of Hawthorne Ave.
W.O. 1358 Tape No. St'd. °F
Surveyed by Van Deren
Notes Van Date 4-24-50
Indexed [illegible]



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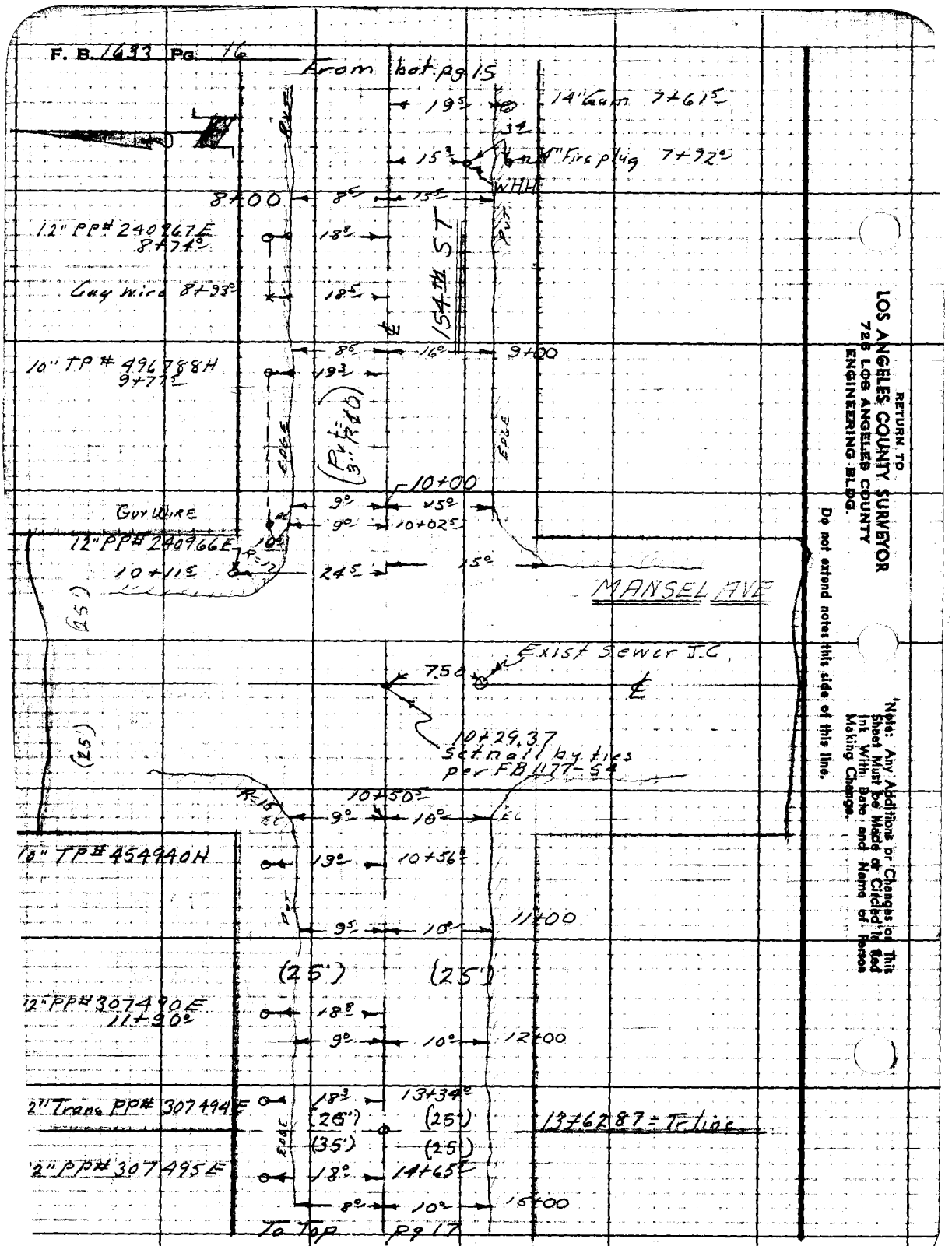
76F3096 247 10M 1-49



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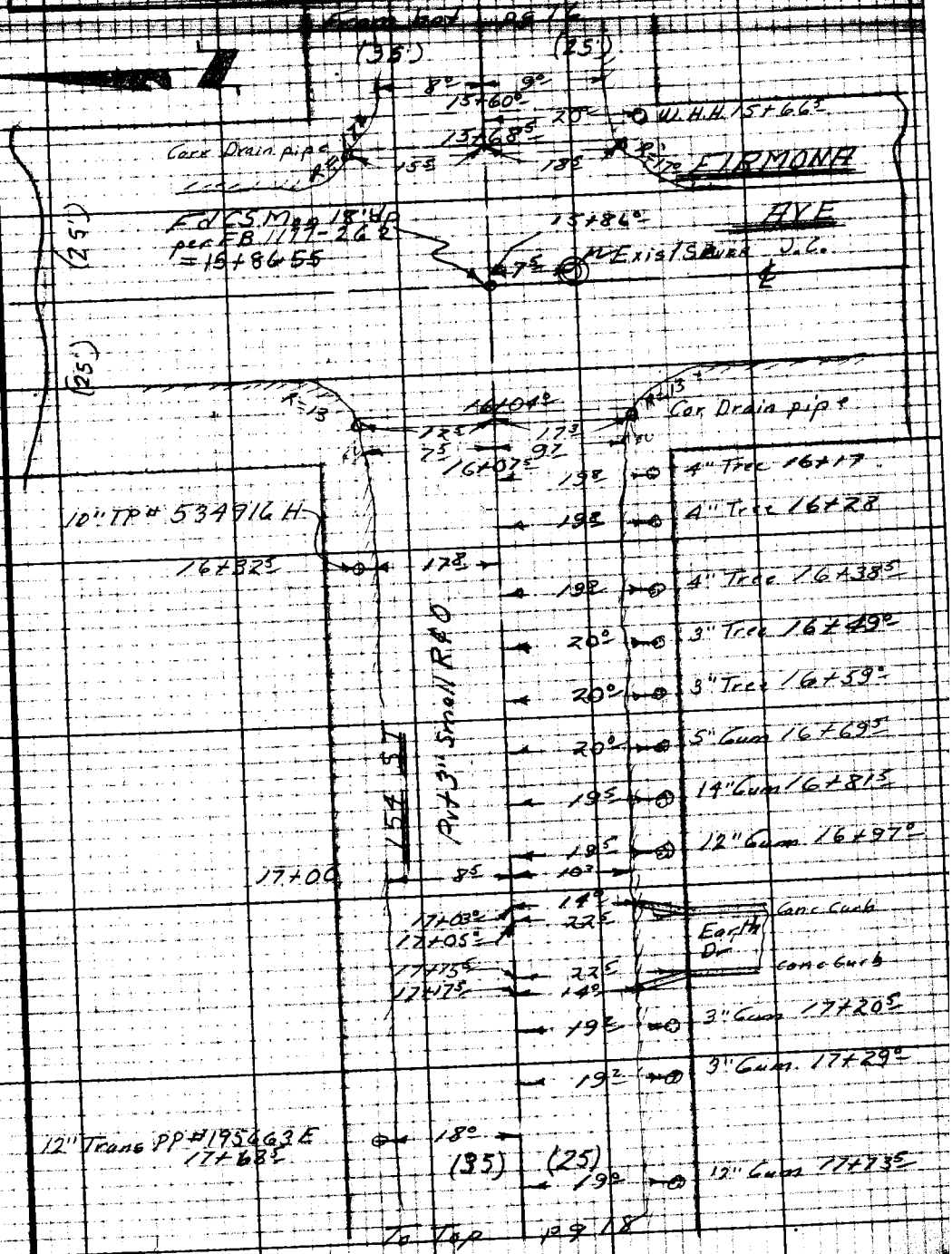
Office Work
Checked
Date

Survey of Hawthorne Ave
W.O. 1358 Tape No. St'd. °F
Surveyed by Van Deven
Notes Van Date 4-26-50
Indexed C. Johnson



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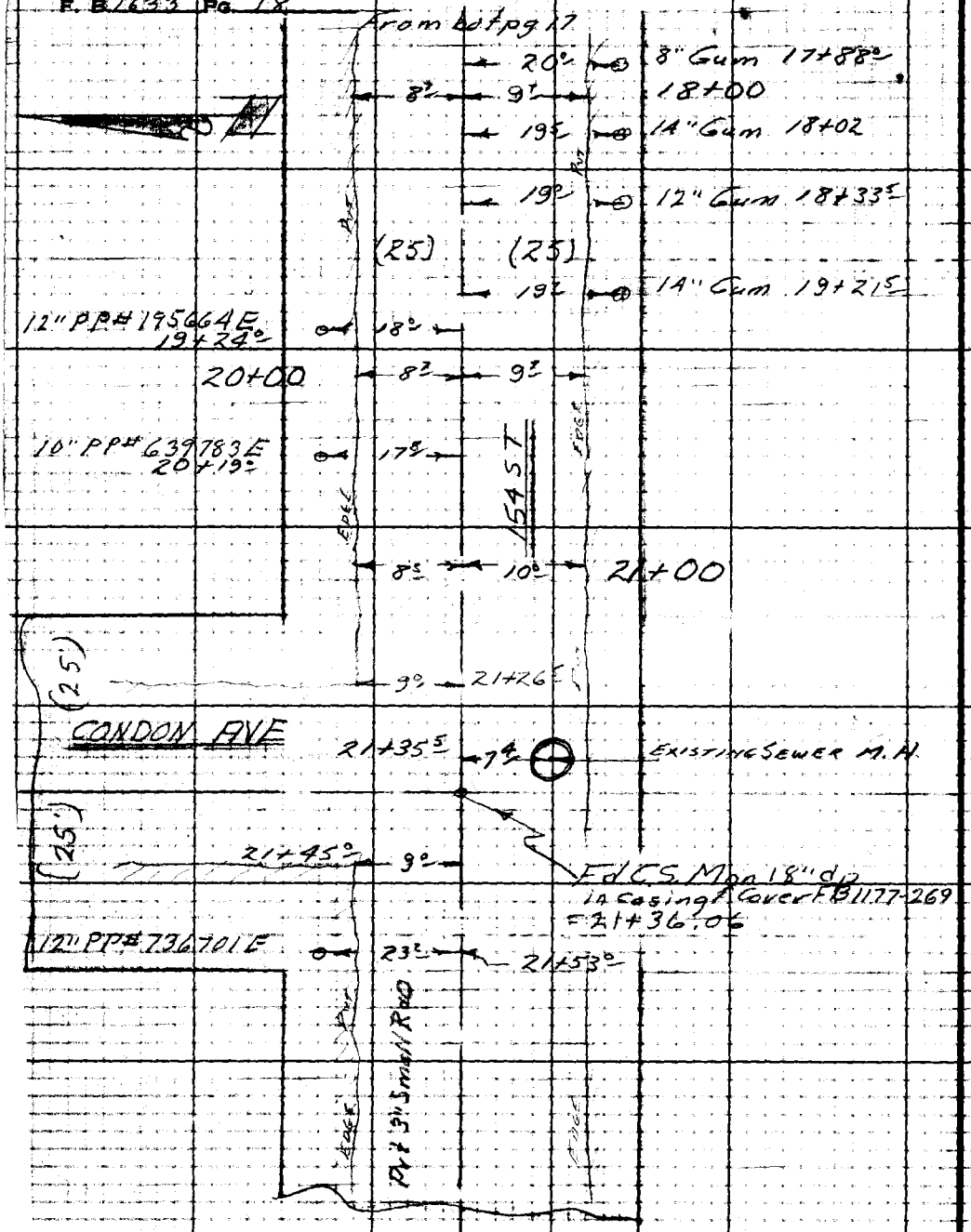
ENGINEERING BLDG.

76F3098 247 10M 1-49



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

Do not extend notes this side of this line.

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

F.B. 1633 PG. 19

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. [redacted] Division No. [redacted]

Survey of Hawthorne Ave

X-Sec. No. ____ Notes Chkd. H.D.H. Date 1-20-50 Checked ____ Date ____ Survey by Van Deren Notes Van Date 4-26-50

Map No. ____ Indexed [redacted] Date [redacted]

C.L. 1268

CROSS SECTIONS ON 154th ST

FROM HAWTHORNE AVE TO CONDON AVE

HAWTHORNE AVE SEWER DISTRICT

4-26-50

Van Deren
Stangeland
Blankenship
Kiertzner

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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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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761298 307 5-49

76L298 307 5-49

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt & South	℄ Rt & North
BM N-23	5 62	58.50		52.88	BM N23 Elev=52.883	FB 1633-7
					Hawthorne Ave & 154th St	N.W. cor
					Bt spk in curb at W. end C.R.	
					7.5 M.H. ON E. SIDE HAWTHORNE AVE & 154th St	
M.H. on S. side of 154th st at 0-36.2					ROD 5.21 CHAIN 8.14 DIAM 2.75	
33" INLET WEST			16 10	42.40	16 10	
						ROD 5.21 CHAIN 8.20 DIAM 2.75
33" OUTLET EAST			16 16	42.34		16.16
1+00			5 44	53.06		℄ INT WEST SIDE HAWTHOR
1+20			6 13	52.37		℄
—			5 54	52.96		N. END C.R. NW COR
—			5 68	52.82	S END C.R. SW COR.	
1+30			5 75	52.75		℄ OPP EC RT
"			5 98	52.52		12.5' SWALE
"			5 55	52.95		17.0' TOP CURB
"			5 90	52.60	17.0' GUT	
"			5 60	52.90	17.0' TOP CB	
1+33			5 47	53.03		℄ OPP E...

F.B. 1633 PG. 20
Survey of Hawthorne Ave
Survey by Van Deren Notes Van
Indexed A. C. Johnson Date
Job No. 1358 Division No.
Notes Red. Date 4-26-50
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH ℄	RT OR NORTH
		58.50				8'/ EDGE PVT
1+33°			568	52.82		17°/ TOP CURB
"			563	52.87		25°/ PL
"			533	53.17		88°/ ALONG PL
"			523	53.27		
"			558	52.92	10°/ EDGE PVT	
"			558	52.92	17°/ TOP CURB	
"			509	53.41	25°/ PL	
"			527	53.23	88°/ ALONG PL	
"			484	53.66		℄ TOP BRK
1+50			519	53.31		8'/ EDGE PVT
"			53	53.2		11'/ GUT
"			47	53.8		25°/ PL
"			512	53.38	10°/ EDGE PVT	
"			53	53.2	12°/ GUT	
"			52	53.3	25°/ PL	
"			454	53.96		℄
2+00			490	53.60		8'/ EDGE PVT
"			51	53.4		11'/ GUT
"			44	54.1		25°/ PL
"			511	53.39	10°/ EDGE PVT	

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1358 Division No. ____ Survey of HAWTHORNE AVE Survey by VAN DEREN Notes A.C.S. Date 4-26-50 Map No. ____ Indexed ____ Date ____

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

F.B. 1633 PG. 21

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH	℄	RT OR NORTH
		58.50					
2+00			52	53.3	12°/GUT		
"			48	53.7	25°/R		
3+00			391	54.59		℄	
"			437	54.13			9°/EDGE PVT
"			45	54.0			12°/GUT
"			40	54.5			25°/R
"			43	54.2			88°/GRND
"			439	54.11	10°/EDGE PVT		
"			47	53.8	12°/GUT		
"			42	54.3	25°/R		
"			3.6	54.9	88°/GRND		
TP	700	61.66	384	54.66	TP		
3+28.50					7 5/ CNTR M.H.		
					ROD 7.03 CHAIN 8.96 DIAM 275		
33" INLET W			18.74	42.92	18.74		
							ROD 7.03 CHAIN 8.99 DIAM 275
33" OUTLET E			18.77	42.89			18.77

F.B. 1633 PG. 22
Job No. 1358 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of HAWTHORNE AVE Date ____ Date ____ No. ____
Survey by VAN DEREN Notes A.C.S. Notes Chkd. ____ Checked ____ X-Sec.
Indexed A. C. Johnson Date ____ Date ____ No. ____

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH	℄	RT OR NORTH
		61.66					
4+00			576	55.90		℄	
"			616	55.50			9°/ EDGE PVT
"			62	55.5			12°/ GUT
"			60	55.7			25°/ PL
"			622	55.44	10°/ EDGE PVT		
"			65	55.2	12°/ GUT		
"			60	55.7	25°/ PL		
5+00			505	56.61		℄	
"			543	56.23			8° EDGE PVT
"			57	56.0			12°/ GUT
"			49	56.8			25°/ PL
"			572	55.94	10°/ EDGE PVT		
"			60	55.7	12°/ GUT		
"			52	56.5	25°/ PL		
6+00			446	57.20		℄	
"			493	56.73			9°/ EDGE PVT
"			53	56.4			12°/ GUT
"			48	56.9			25°/ PL
"			48	56.9			100°/ GRND
"			58	55.9			200°/ GRND

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 1633 PG. 23

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

Notes Chkd. ____ Checked ____ Survey by VANDEREN Notes A.C.S. Date 4-26-50

Date ____ Date ____ Map No. ____ Bnd Ed Johnson Date ____

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 1633 PG. 24
Job No. 1358 Division No.
Survey of HAWTHORNE AVE
Survey by VAN DEREN Notes A.C.S.
Indexed E. C. Johnson Date
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH ℄	RIGHT OR NORTH
		61.66				
6+00			58	55.9		215% BK LOT LINE
"			506	56.60	10% EDGE PVT	
"			5.3	56.4	12% GUT	
"			49	56.8	14% TOP BRK	
"			53	56.4	25% ℞	
"			59	55.8	100% GRND	
"			6.3	55.4	200% GRND	
"			65	55.2	215% BK LOT LINE	
7+00			381	57.85	℄	
7+02.25			380	57.86	℄	OPP ℞
"			417	57.49		9% EDGE PVT
"			45	57.2		13% GUT
"			3.6	58.1		17% TOP BRK
"			37	58.0		25% ℞
"			430	57.36	9% EDGE PVT	
"			45	57.2	12% GUT	
"			40	57.7	25% ℞	
7+04%			378	57.88	℄	OPP BC
"			418	57.48		9% EDGE PVT
"			45	57.2		

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH ℄	RIGHT OR NORTH
		6166				
7+04			35	58.2		17°/TOP BRK
"			36	58.1		25°/℞
"			427	57.39	9°/EDGE PVT	
"			44	57.3	12°/GUT	
"			41	57.6	25°/℞	
7+06.8			3.86	57.80	18°/TOP WALK	
7+27.25			364	58.02		℄ INT GREVILLE AVE
"					LEFT 7.5/CNTR EXISTING SEWER J.C.	
					ROD 3.81 CHAIN 12.15 DIAM 0.68 16.64	
8" STUB WEST			16.64	45.02		
					ROD 3.81 CHAIN 11.75 DIAM 2.75 18.31	
33" INLET WEST			18.31	43.35		
						ROD 3.81 CHAIN 11.73 DIAM 2.75 18.29
33" OUTLET WEST			18.29	43.37		
7+45.8			3.64	58.02		℄ OPP EC RT
"			3.85	57.81		8°/EDGE PVT
"			4.1	57.6		12°/GUT

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1350 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of HAWTHORNE AVE
Notes Chkd. ____ Checked ____ Survey by VAN DEREN Notes A.C.S. Date 4-26-50
Date ____ Date ____ Map No. ____ Indexed K. C. Johnson Date ____

F.B. 1633 PG. 25

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH ℄	RIGHT OR NORTH
		61.66				
7+45.8			3.8	57.9		25°/℞
7+52.25			364	58.02		℄ OPP PL. PROD
"			4.02	57.64		8°/ EDGE PVT
"			41	57.6		12°/ GUT
"			36	58.1		25°/℞
"			445	57.21	13°/ GUT	
"			411	57.55	16²/ EDGE PVT	
"			4.1	57.6	25°/℞	
7+54			361	58.05	OPP ELEV ℄	
"			4.45	57.21	13°/ GUT	
"			406	57.60	16²/ EDGE PVT	
"			40	57.7	25°/℞	
TP	594	63.68	392	57.74	TP	
8+00			5.39	58.29		℄
"			589	57.79		8.5 EDGE PVT
"			6.3	57.4		14°/ GUT
"			57	58.0		25°/℞
"			631	57.37	13⁵/ GUT	
"			615	57.53	15⁵/ EDGE PVT	
"			5.9	57.8	25°/℞	

F.B. 1633 PG. 26
Job No. 1358 Division No. Notes Red. Plotted No. Profile
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed E. C. Johnson Date Date

76L296 307 5-49

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR SO.	℄ RT OR NO.
		6368.				
9+00			506	58.62		℄
"			548	58.20		8 S/ EDGE PVT
"			60	57.7		14°/ GUT
"			54	58.3		25°/ PL
"			56	58.1		100°/ GRND
"			58	57.9		200°/ "
"			61	57.6		247°/ BK LOT LINE
"			600	57.68	14°/ GUT	
"			576	57.92	16°/ EDGE PVT	
"			54	58.3	25°/ PL	
"			59	57.8	110°/ APROX BK LOT LINE	
10+00			473	58.95	OPP BC LFT.	℄
"			551	58.17	14°/ GUT	
"			530	58.38	15°/ EDGE PVT	
"			49	58.8	25°/ PL	
10+02.5			571	57.97		℄ OPP BC RT
"			509	58.59		9°/ EDGE PVT
"			54	58.3		14°/ GUT
"			50	58.7		25°/ PL
10+[illegible] 14 37			468	59.00		℄ OPP PL PROD

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1350 Division No. ____ F.B. 1633 PG. 27
X-Sec. No. ____ Date ____ Date ____ Survey of HAWTHORNE AVE
Notes Chkd. ____ Checked ____ Survey by VANDEREN Notes A.C.S. Date 4-26-50
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 1633 PG. 28

Profile No. ____ Plotted ____ Date ____
X-Sec. No. ____ Checked ____ Date ____

Job No. 1358 Division No. ____ Notes Red ____ Date ____
Survey of HAWTHORNE AVE A.C.S. Notes Chkd. ____ Date ____
Survey by VAN DEREN Notes ____ Date ____
Indexed E. C. JOHNSON

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH ℄	RT. OR NO.
		63.68				
10+04 5/			504	58.64		9% EDGE PVT PROD
"			54	58.3		14% GUT
"			49	58.8		25% R
"			542	58.26	14% GUT PROD	
"			5.00	58.68	20% EDGE PVT	
"			50	58.7	25% R	
10+29 37			456	59.12		℄ INT MANSEL AVE
10+29 37					7 5/ CENTER EXIST J.C.	
					ROD 4.71 CHAIN 12.53 DIAM 2.75	
33" INLET WEST			19.99	43.69	19.99	
						ROD 4.71 CHAIN 12.59 DIAM 2.75
33" OUTLET EAST			20.05	43.63		20.05
						ROD 4.71 CHAIN 12.85 DIAM 0.67
8" STUB NORTH			18.23	45.45		18.23
10+50 5/			461	59.07		℄ OPP BC
			491	58.77		

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH ℄	RT OR NORTH
		63.68				
10+50 51			52	58.5		14°/GUT
"			51	58.6		25°/PL
"			503	58.65	10°/EDGE PVT	
"			5.2	58.5	12°/GUT	
"			47	59.0	25°/PL	
10+54 37			463	59.05		℄ OPP PL PROP
"			497	58.71		9°/ EDGE PVT
"			52	58.5		14°/GUT
"			51	58.6		25°/PL
"			502	58.66	10°/EDGE PVT	
"			52	58.5	12°/GUT	
"			48	58.9	25°/PL	
BM "LF49"	500	63.86	482	58.86	BM "LF49" ELEV 58862 FB 1239/188 154TH ST & MANSEL AVE. N.W. COR. BT. SPK. IN EAST END CONC DR TO HR #15337	
11+00			480	59.06		℄
"			524	58.62		9 5/EDGE PVT
"			5.6	58.3		14°/GUT
"			5.4	58.5		25°/PL
"			547	58.39	10°/EDGE PVT	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 1633 PG. 29
X-Sec. No. ____ Date ____ Date ____ Survey of HAWTHORNE AVE
Notes Chkd. ____ Checked ____ Survey by VAN DEREN Notes ACC Date 4-26-50
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SO.	℄ RT. OR NO.
		63.86				
11+00			56	58.3	12°/GUT	
"			52	58.7	25°/AL	
12+00			499	58.87		℄
"			543	58.43		9°/EDGE PVT.
"			57	58.2		13°/GUT
"			53	58.6		25°/AL
"			6.1	57.8		100°/GRND
"			58	58.1		200°/GRND
"			55	58.4		265°/BK LOT LINE
"			547	58.39	10°/EDGE PVT	
"			56	58.3	12°/GUT	
"			53	58.6	25°/AL	
"			60	57.9	100°/GRND	
"			68	57.1	200°/GRND	
"			8.4	55.5	265°/BK LOT LINE	
13+00			579	58.07		℄
"			636	57.50		9°/EDGE PVT
"			66	57.3		13°/GUT
"			63	57.6		25°/AL
"			623	57.63	10°/EDGE PVT	

F.B. 1633 PG. 30
Job No. 1358 Division No. Notes Red. Plotted No. Profile
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed C. Johnson Date Date

76L295 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS 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.	LFT. OR SOUTH ℄	RT OR NORTH
		63.86				
13+00			66	57.3	12°/ Gut	
"			64	57.5	25°/ PL	
13+62.87			635	57.51		℄ @ P.O.T
"			66	57.3		25°/ PL East
"			70	56.9		35°/ PL West
"			67	57.2	25°/ PL E & West	
TP	436	61.50	672	57.14	TP	
14+00			410	57.40		℄
"			462	56.88		8°/ Edge Pvt
"			50	56.5		14°/ Gut
"			49	56.6		35°/ PL
"			459	56.91	9°/ Edge Pvt	
"			49	56.6	12°/ Gut	
"			45	57.0	25°/ PL	
15+00			452	56.98		℄
"			492	56.58		8°/ Edge Pvt
"			51	56.4		13°/ Gut
"			44	57.1		35°/ PL
"			46	56.9		100°/ Grand
"			43	57.2		153°/ Bk Lot Line

Notes Red ____ Visited ____ Job No. 1358 Division No. ____
No. ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Berry Notes A.C.S. Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Inspector Johnson

F.B. 1633 Pg. 31

76L296 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR SOUTH	RT OR NORTH
		6150.				
15+00			493	56.57	10°/EDGE PVT	
"			52	56.3	12°/GUT	
"			50	56.5	25°/AL	
"			56	55.9	100°/GRND	
"			60	55.5	202°/BK LOT LINE PROP	
15+60°-			431	57.19		℄ OPP BC²
"			452	56.98		8°/EDGE PVT
"			52	56.3		14°/GUT
"			42	57.3		35°/AL
"			465	56.85	9°/EDGE	
"			51	56.4	12°/GUT	
"			48	56.7	25°/GUT	
15+61.55			429	57.21		℄ OPP AL PROP
"			444	57.06		8°/EDGE PVT PROP
"			51	56.4		14°/GUT
"			43	57.2		35°/AL
"			463	56.87	9°/EDGE PVT PROP	
"			50	56.5	12°/GUT	
"			47	56.8	25°/AL	
15+68.5			423	57.27		℄ [illegible]

F.B. 1633 PG. 32
Job No. 1358 Division No. Notes Red Plotted Date Checked Date
Survey of HAWTHORNE AVE Notes Chkd Date
Survey by VAN DEREN Notes A.C.S. Date
Indexed E. C. Johnson Date
Profile No. X-Sec. No.

76L298 307 3M 11-48

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726 HIGGINS 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.	LFT OR SOUTH ℄	RT OR NOR.
		61.50				
15+68 5/			5.31	56.19		15 5/ FLOWLINE PIPE
"			5.84	55.66	18 5/ FLOWLINE PIPE	
15+86 0/			4.05	57.45	7 5/ CNTR EXISTING J.C.	
					ROD 4.12 CHAIN 10.03 DIAM 2.75	
33" INLET WEST			16.90	44.60	16.90	
						ROD 4.12 CHAIN 10.02 DIAM 2.75
33" OUTLET EAST			16.89	44.61		16.89
						ROD 4.12 CHAIN 10.40 DIAM 0.08
8" STUB NORTH			15.20	46.30		15.20
16+00 0/			4.06	56.44		℄
16+04 0/			4.01	57.49		℄ @ PIPE
"			5.21	56.29		12 5/ FLOWLINE PIPE
"			5.26	56.24	17 3/ FLOWLINE PIPE	
16+07 5/			4.07	57.43		℄ OPP ECR
"			4.31	57.19		7 5/ EDGE PVT
"			4.8	56.7		13 0/ GUT

Profile Notes Red ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 11633 Pg. 33
No. ____ Date ____ Date ____ Survey of HAWTHORNE AVE
X-Sec. Notes Chkd. ____ Checked ____ Survey by VAN DERON Notes A.C.S. Date 4-26-50
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 3M 11-48

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Do not extend notes this side of this line.

F.B. 1633 PG. 34 | Job No. 1358 | Division No. | Profile No. | X-Sec. No.

Survey of HAWTHORNE AVE | Notes Red. | Plotted | Notes Chkd. | Checked

Survey by VAN DEREN | Notes | Date | Date | Date | Date

Indexed E. C. Johnson | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR SOUTH ℄	RT OR NORTH
		61.50				
16+07 55			38	57.7		18°/TOP BRK
"			35	58.0		35°/R
"			442	57.08	9°/EDGE PKT	
"			44	57.1	12°/GUT	
"			43	57.2	25°/R	
16+11 55			405	57.45	℄	
"			441	57.09		7°/EDGE PKT
"			45	57.0		13°/GUT
"			36	57.9		13°/TOP BRK
"			36	57.9		35°/R
"			442	57.08	9°/EDGE PKT	
"			45	57.0	12°/GUT	
"			45	57.0	25°/R	
TP	617	63.60	407	57.43		
17+00			537	58.23	℄	
"			576	57.84		8°/EDGE PKT
"			61	57.5		18°/GUT
"			50	58.6		19°/TOP BRK
"			49	58.7		35°/R
"			590	57.70	10°/EDGE PKT	

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR SOUTH	℄	RT OR NORTH
		63.60					
17+00			60	57.6	12°/GUT		
"			59	57.7	25°/PL		
18+00			506	58.54		℄	
"			540	58.20			8°/EDGE PVT
"			55	58.1			12°/GUT
"			49	58.7			18°/TOP BRK
"			47	58.9			35°/PL
"			39	59.7			100°/GRND
"			32	60.4			153°/BK LOT LINE
"			536	58.24	9°/EDGE PVT		
"			54	58.2	12°/GUT		
"			52	58.4	25°/PL		
"			64	57.2	100°/GRND		
"			81	55.5	200°/GRND		
"			83	55.3	247°/BK LOT LINE		
19+00			535	58.25		℄	
"			573	57.87			9°/EDGE PVT
"			60	57.6			13°/GUT
"			49	58.7			35°/PL
"			571	57.89	10°/EDGE PVT		

Profile Notes Red ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 1633 Pg. 35
No. ____ Date ____ Date ____ Survey of HAWTHORNE AVE
X-Sec. Notes Chkd. ____ Checked ____ Survey by VANDEREY Notes A.C.S. Date 4-26-50
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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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.	LFT. OR SOUTH	℄ RT. OR NORTH
		63.60.				
19+00			59	57.7.	12°/GUT	
"			56	58.0.	25°/PL	
TP	4.44	62.49.	555	58.05.	TP	
20+00			467	57.82.		℄
"			498	57.51.		9°/EDGE PVT
"			56	56.9.		13°/GUT
"			45	58.0.		35°/PL
"			522	57.27.	9°/EDGE PVT	
"			54	57.1.	12°/GUT	
"			53	57.2.	25°/PL	
21+00			505	57.44.		℄
"			542	57.07.		8°/EDGE PVT
"			60	56.5.		14°/GUT
"			50	57.5.		19°/TOP BRK
"			52	57.3.		35°/PL
"			38	58.7.		100°/GRND
"			35	59.0.		153°/BC LOT LINE
"			550	56.99.	10°/EDGE PVT	
"			57	56.8.	12°/GUT	
"			52	57.3.	25°/PL	

F.B. 1633 Pg. 36
Job No. 1358 Division No. Notes Red. Plotted Profile
Survey of HAWTHORNE AVE Date Date No.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

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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.	LFT OR SOUTH	℄ RT OR NORTH
		62.49				
21+00			67	55.8	100°/GRND	
"			69	55.6	200°/GRND	
"			67	55.8	247°/BK LOT LINE	
21+11.06			510	57.39		℄ OPP ℞ PROD NORTH
"			542	57.07		8°/EDGE PVT
"			58	56.7		13°/GUT
"			47	57.8		19°/TOP BRK
"			51	57.4		35°/℞
"			546	57.03	10°/EDGE PVT	
"			56	56.9	12°/GUT	
"			54	57.1	25°/℞	
21+26.51			516	57.33		℄
"			568	56.81		9°/EDGE PVT
21+36.06			519	57.30		℄ INT CONDON AVE
21+~~36.06~~ 35.5					7°/CNTR J.C. @ CONDON	
					ROD 5.40 CHAIN 8.94 DIAM 2.77	
33" INLET WEST			17.09	45.40	17.09	

Profile Notes Red ____ Plotted ____ Job No. 2353 Division No. ____
No. ____ Date ____ Date ____ Survey of MAUTHORNE AVE
X-Sec. Notes Chkd ____ Checked ____ Survey by VAN DEREN Notes A.C.S. Date 4-26-33
No. ____ Date ____ Date ____ Map No. ____ Inst. Co. Job No. ____ Date ____

F.B. 1633 PG. 37

76L298 307 3M 11-48

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR SOUTH ℄ RT OR NORTH
		62.49			
21+36.06 35.5					7.5/ CNTR J.C. @ CONDON
					ROD 5.40 CHAIN 8.98 DIAM 2.75
33" OULET EAST			17.13	45.36	17.13
					ROD 5.40 CHAIN 9.34 DIAM 0.67
8" STUB NORTH			15.41	47.08	15.41
21+45.5			5.15	57.34	℄
"			5.50	56.99	9°/ EDGE PVT
21+61.06			5.17	57.32	℄ OPP
"			5.58	56.91	9°/ EDGE PVT
"			6.0	56.5	14°/ GUT
"			5.2	57.3	18°/ TOP BRK
"			5.5	57.0	35°/ ℞
"			5.64	56.85	10°/ EDGE PVT
"			5.8	56.7	13°/ GUT
"			5.5	57.0	25°/ ℞
BM "NF 4"			6.48	56.01	BM "NF 4" ELEV 55.999 FB 1633/9
					154TH & CONDON AVE. @ ℄ INT
					C.S. BRASS CAP MON. 12" D...

F.B. 1633 PG. 38
Job No. 1358 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of HAWTHORNE AVE Date ____ Date ____ No. ____
Survey by VANDEREN Notes A.C.S. Notes Chkd ____ Checked ____ X-Sec. ____
Indexed A. C. Johnson Date ____ Date ____ No. ____

F. B. 1693 Pg. 39

Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W. O. 1358 Tape No. St'd. °F
Office Work	Surveyed by Van Deren
Checked	Notes Van Date 4-26-50
Date	Indexed A. C. Johnson

FEB 7 '51

CI-1358

TOPOGRAPHY ON 153rd ST FROM HAWTHORNE AVE

TO 150'± WEST OF MANSEL AVE

HAWTHORNE AVE SEWER DISTRICT

4-26-50

Van Deren
Stangeland
Blankenship
Kiertzner

NOTE: PVT. ON 153RD ST = 3" R&O

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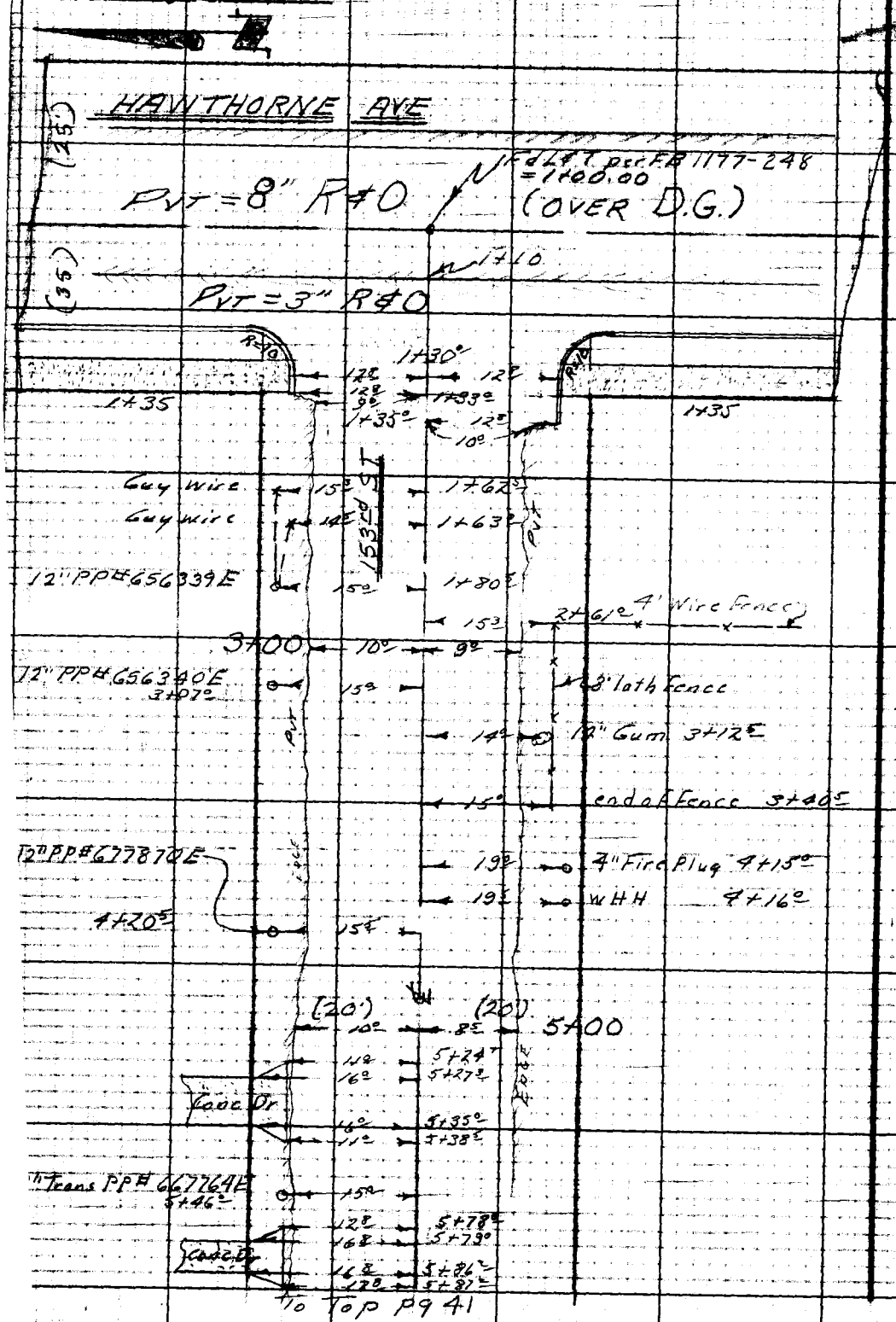
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3096 247 10M 1-49

F. B. 1633 Pg. 40



To Top Pg 41

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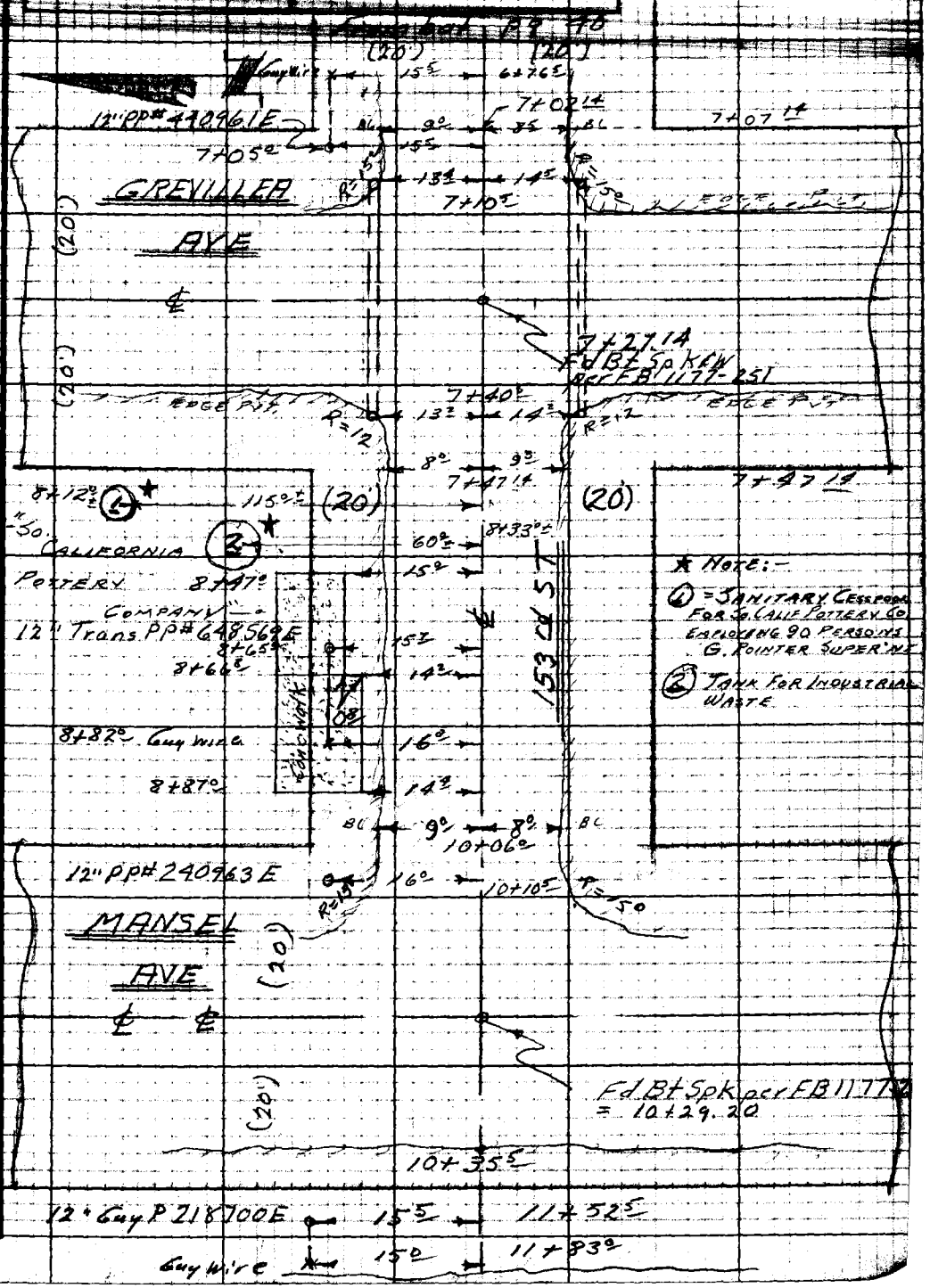
Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W. O. 1358 Tape No. Std. °F
Office Work	Surveyed by Van Deren
Checked	Notes Van Date 4-26-50
Date	Indexed C. Johnson



★ NOTE:-

① = SANITARY CESSPOOL FOR So. CALIF POTTERY CO EMPLOYING 90 PERSONS G. POINTER SUPER'NT

② TANK FOR INDUSTRIAL WASTE

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ENGINEERING BLDG.

76F3098 247 10M 1-49

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E. B. 16332 Pg. 47

Profile No.	Notes Red.	Plotted	Job No. 1358	Division No.	F.B. 1633	PG. 43
	Date	Date	Survey of HAWTHORNE AVE			
X-Sec. No.	Notes Chkd. H.D.H.	Checked	Survey by VAN DEREN	Notes A.C.S.	Date 4-27-50	
	Date 4-28-50	Date	Map No.	Indexed E. C. Johnson	Date FEB 7 '51	

C.I. #1358

CROSS SECTIONS ON 153RD ST.
FROM
HAWTHORNE AVE WESTRLY
TO
150' WEST OF MANSEL AVE.

HAWTHORNE AVE
SEWER DISTRICT

4-27-50

VAN DEREN
STANGELAND
BLANKENSHIP
KIERTZNER

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

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

761.298 307 5-49

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR SOUTH	℄ RT OR NORTH
BM "N22"	540	59.06		53.66	BM "N22" ELEV 53.657 FB 1633-7	
					HAWTHORNE AVE & 153RD ST S.W. COR	
					BT. SPK IN W. END C.R.	
1+00			523	53.83		℄ INT HAWTHORNE W SIDR
1+10			535	53.71		℄ SHOULDER
1+20			561	53.45		℄ CROSS GUT
—			531	53.75		N. END C.R. N.W. COR
—			533	53.73	S END C.R. SW COR	
1+30			527	53.79		℄ OPP BC
"			573	53.33		12 8/ GUT
"			523	53.83		12 8/ TOP CURB
"			551	53.55	12 8/ GUT	
"			534	53.72	12 8/ TOP CB	
1+33			524	53.82		℄ OPP END CB. RT.
"			544	53.62		9 0/ EDGE PVT
"			575	53.31		12 8/ GUT
"			515	53.91		12 8/ TOP CB
"			506	54.00		20 0/ ℞ PROD BK WL
"			500	54.06		86 0/ PARALLEL LOT LINE
1+35			518	53.88	OPP END CB LFT ℄	
"			525	53.81	10 0/ END PVT	

F.B. 1633 PG. 44
Job No. 1358 Division No. Notes Red. Plotted No. Profile
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR SOUTH	℄	RT OR NORTH
		59.06					
1+35°			553	53.53	12°/GUT		
"			542	53.64	12°/TOP CB		
"			49	54.2	20°/℞		
"			51	54.0	83°/ALONG ℞		
2+00			496	54.10		℄	
"			525	53.81			9°/EDGE PVT
"			59	53.2			13°/GUT
"			50	54.1			14°/TOP BRK
"			45	54.6			20°/℞
"			528	53.78	10°/EDGE PVT		
"			56	53.5	13°/GUT		
"			51	54.0	20°/℞		
3+00			477	54.29		℄	
"			515	53.91			10°/EDGE PVT
"			56	53.5			13°/GUT
"			48	54.3			14°/TOP BRK
"			46	54.5			20°/℞
"			497	54.09	9°/EDGE PVT		
"			53	53.8	13°/GUT		
"			49	54.2	20°/℞		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 1633 PG. 45
Date ____ Date ____ Survey of HAWTHORNE AVE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by VAN DEVEN Notes ____ Date 4-27-50
Date ____ Date ____ Map No. ____ Indexed G. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH ℄	RT OR NORTH
		59.06				
TP	514	59.36	484	54.22	TP	
4+00			500	54.36		℄
"			518	54.18		10°/ EDGE PVT
"			57	53.7		13°/ GUT
"			50	54.4		14°/ TOP BRK
"			47	54.7		20°/ PL
"			49	54.5		100°/ GRND
"			48	54.6		140°/ FENCE LINE
"			529	54.07	9°/ EDGE PVT	
"			56	53.8	13°/ GUT	
"			52	54.2	20°/ PL	
"			55	53.9	100°/ GRND	
"			53	54.1	145°/ FENCE LINE	
5+00			492	54.44		℄
"			512	54.24		10°/ EDGE PVT
"			56	53.8		13°/ GUT
"			48	54.6		15°/ TOP BRK
"			47	54.7		20°/ PL
"			508	54.28	8°/ EDGE PVT	
"			54	54.01	13°/ GUT	

F.B. 1633 PG. 46 Job No. 1358 Division No. Notes Red. Plotted Date No. Profile
Survey of HAWTHORNE AVE Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked Date No.
Indexed A. C. Johnson Date

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH ℄	RT OR NORTH
		59.36				
5+00			49	54.5	20°/℞	
5+27 3/			460	54.76		16°/ TOP CONC PK
5+35°/			460	54.76		16°/ " " "
TP	541	59.71	506	54.30	TP	
6+00			507	54.64		℄
"			522	54.49		9 3/ EDGE PVT
"			56	54.1		13°/ GUT
"			47	55.0		15°/ TOP BRK
"			46	55.1		20°/℞
"			4.5	55.2		100°/ GRND
"			47	55.0		145 FENCE LINE
"			5.43	54.28	9 3/ EDGE PVT	
"			58	53.9	13°/ GUT	
"			52	54.5	15°/ TOP BRK	
"			51	54.6	20°/℞	
"			52	54.5	100°/ GRND	
"			51	54.6	145°/ FENCE LINE	
7+00			470	55.01		℄
7+02 1/2			467	55.04		℄ OPP BC
"			495	54.76		9°/ EDGE PVT

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 1353 Division No. ____ F.B. 1633 PG. 47

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of HAWTHORNE AVE Survey by VAN DEREN Notes A.C.S. Date 4-27-50

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

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F.B. 1633 PG. 48 | Job No. 1358 | Division No. | Notes Red. | Plotted | Profile No.
Survey of HAWTHORNE AVE A.C.S. | Date | Date | X-Sec. No.
Survey by VAN DEREN | Notes | Notes Chkd. | Checked
Indexed A. C. Johnson | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR SOUTH	RT. OR NORTH
		5971.				
7+02 13			55	54.2.		13'/ GUT
"			41	55.6.		16'/ TOP BRK
"			43	55.4.		20'/ ℄
"			500	54.71.	8'/ EDGE PVT	
"			53	54.4.	14'/ GUT	
"			44	55.3.	20'/ ℄	
7+07 14			462	55.09		℄ OPP. ℄
"			492	54.79		9'/ EDGE PVT
"			56	54.1.		14'/ GUT
"			38	55.9.		16'/ TOP BRK
"			43	55.4.		20'/ ℄
"			492	54.79.	8'/ EDGE PVT	
"			53	54.4.	14'/ GUT	
"			45	55.2.	20'/ ℄	
7+10 5			578	53.93		13'/ FLOWLINE PIPE
"			578	53.93.	14'/ FLOWLINE PIPE	
7+27 14			443	55.28.		℄ INT GREVILLEA AVE
7+40 5			550	54.21.		13'/ FLOWLINE PIPE
"			563	54.08	14'/ FLOWLINE PIPE	
7+47 14			444	55.27.		℄ OPP BC

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR SOUTH	℄ RT OR NORTH
		59.71.				
7+47.14			481	54.90.		8°/ EDGE PVT
"			5.7	54.0.		13°/ GUT
"			4.3	55.4.		15°/ TOP BRK
"			4.2	55.5.		20°/ PL
"			4.82	54.89.	9°/ EDGE PVT	
"			5.7	54.0.	13°/ GUT	
"			4.3	55.4.	15°/ TOP BRK	
"			4.6	55.1.	20°/ PL	
TP	5.22	60.28.	4.65	55.06.	TP	
8+00			4.93	55.35		℄
"			5.66	55.62		8°/ EDGE PVT
"			6.1	54.2.		13°/ GUT
"			5.2	55.1.		17°/ TOP BRK
"			5.1	55.2.		20°/ PL
"			4.9	55.4.		100°/ GRND
"			5.2	55.1.		180°/ FENCE LINE
"			5.37	54.91.	9°/ EDGE PVT	
"			5.8	54.5.	13°/ GUT	
"			5.1	55.2.	20°/ PL	
"			4.5	55.8.	100°/ GRND	

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 1633 PG. 49

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Survey of HAWTHORNE AVE Survey by VAN DEREN Notes A.C.S. Date 4-27-50

Map No. ____ Date ____ Indexed Johnson Date ____

76L298 307 5-49

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT OR SOUTH ℄	RT OR NORTH
		60.28				
8+00			30	57.3	200°/ GRND	
"			29	57.4	241°/ BK LOT LINE	
8+12°/			46	55.7		115°± GRND @ (1) *SEE TO POL
8+33°/			46	55.7		60°/± " " (2) "
8+47°/			453	55.75		15°/ TOP CONC WALK
8+66 8/			457	55.71		15°/ " " "
"			501	55.27		14°/ " " "
8+87°/			491	55.37		14°/ " " "
9+00			441	55.87		℄
"			485	55.43		9°/ EDGE PVT
"			53	55.0		13°/ GUT
"			51	55.2		20°/ ℞
"			490	55.38	8°/ EDGE PVT	
"			53	55.0	13°/ GUT	
"			45	55.8	20°/ ℞	
TP	541	61.23	446	55.82	TP	
10+00			459	56.64		℄
10+06°/			456	56.67		℄ OPP BCR
"			496	56.27		9°/ EDGE PVT
"			54	55.8		13°/ GUT

F.B. 1633 PG. 50
Job No. 1358 Division No. Notes Red. Plotted No. Profile
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed C. Johnson Date Date

76L298 307 5-49

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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.	LFT OR SOUTH ℄	RT OR NORTH
		61 23.				
10+06			44	56.81		15% TOP BAR
"			48	56.4		20% ℞
"			500	56.23	8% EDGE PVT	
"			52	56.0	13% GUT	
"			49	56.8	20% ℞	
10+09 20			455	56.68		℄ OPP ℞
"			486	56.37		9% EDGE PVT
"			54	55.8		13% GUT
"			44	56.8		15% TOP BAR
"			48	564		20% ℞
"			482	56.41	8% EDGE PVT	
"			51	56.1	13% GUT	
"			43	56.9	20% ℞	
10+29 20			439	56.84		℄ INT MANSEL AVE
10+35 5			474	56.49		℄ EDGE PVT
10+39 0			50	562		℄ CROSS GUT
10+49 20			47	56.5		℄ @ WEST ℞ MANSEL
11+00			44	56.8		℄
"			46	566		25% GRND
"			42	57.0	25% GRND	

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Date ____ Job No. 1358 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey of HUNTINGTON AVE
Survey by VAN DEREN Notes A.C.S. Date 4-27-50
Map No. ____ Indexed ____ Date ____

F.B. 33 PG. 51

76L298 307 5-49

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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.	LFT OR SOUTH ℄	RT OR NORTH
		61.23				
12+00			36	57.6	℄	
"			40	57.2		25°/GRND
"			37	57.5	25°/GRND	
BM"NF7"			439	56.84	BM"NF7" ELEV 56.846 FB 1633/11	
					MANSEL AVE & 153RD ST S.E. COR.	
					L & T IN CONC WK HA # 15300	

F.B. 1633 PG. 52
Job No. 1358 Division No. Notes Red. Plotted No. Profile
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed K. C. Johnson Date Date

Notes Ck'd by	Survey of Hawthorne Ave.
Map No.	W. O. 1358 Tape No. Sk'd °F
Office Work	Surveyed by Van Deren
Checked	Notes Van Date
Date	Indexed E. C. Johnson

F. B. 1633 PG. 53

FEB 7 '51

CI-1358

TOPOGRAPHY ON WEST SIDE OF HAWTHORNE AVE

FROM 156th ST - TO COMPTON BLVD

HAWTHORNE AVE SEWER DISTRICT

4-28-50

Van Deren
Stangeland
Blankenship
Kiertzner

NOTE: PVT. ON HAWTHORNE AVE.
8" R&O - PVT ON
10' SHOULDERS = 3" R&O

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

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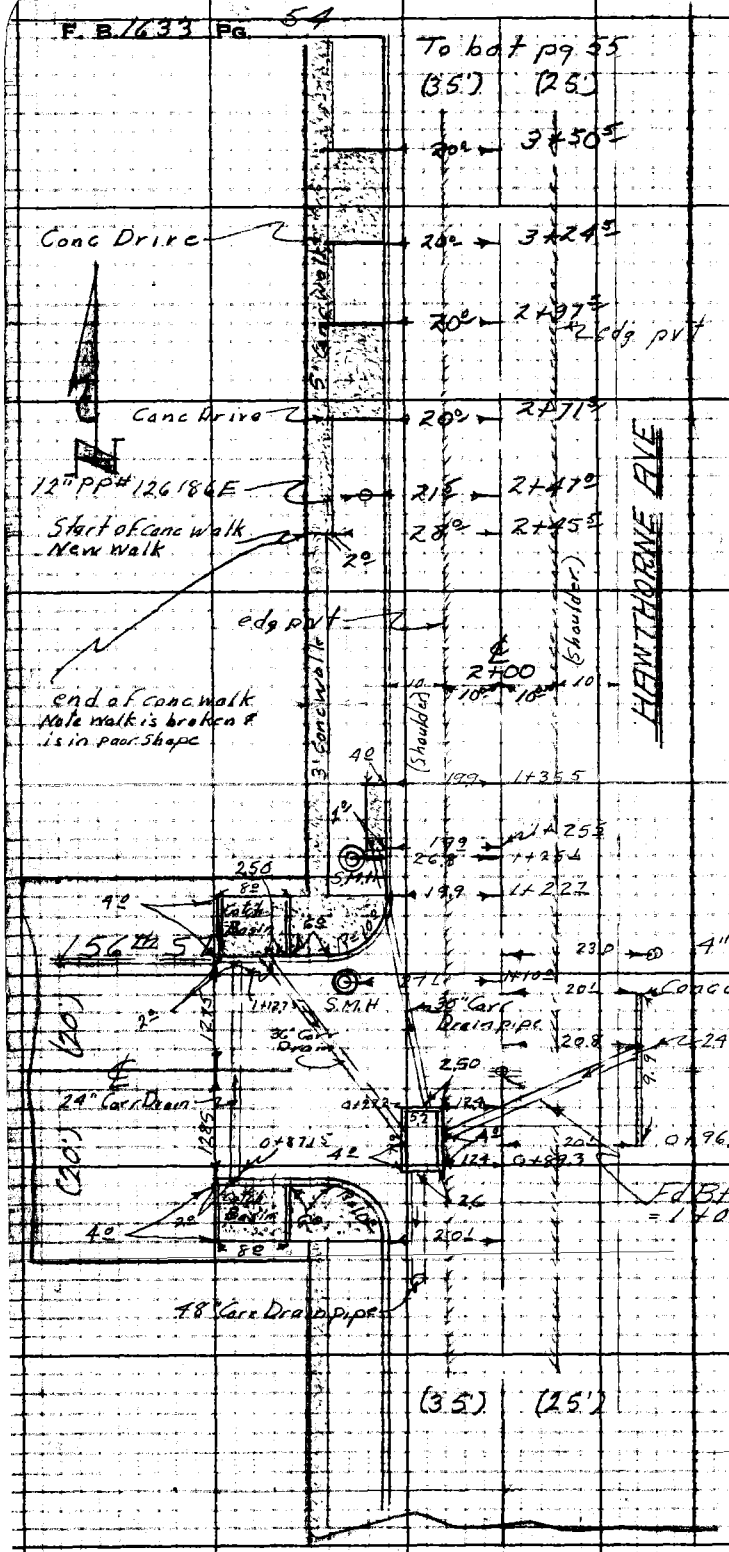
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 10M 1-49

F. B. 1633 Pg. 54



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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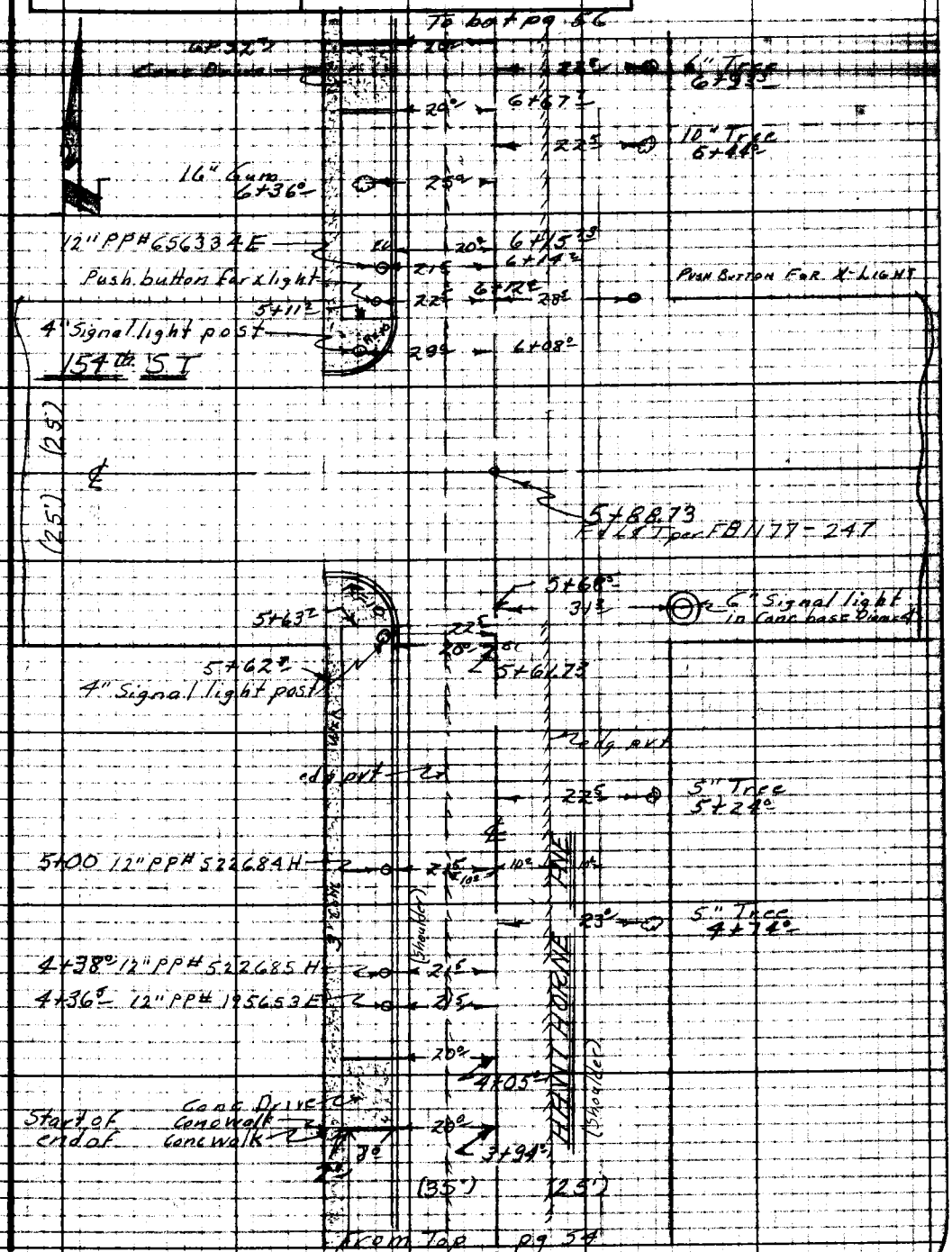
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

972
78
80.3

F. B. 1633 PG. 55

Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W. O. 1358 Cage No.
Office Work	Surveyed by Van Deren
Checked	Notes Van Date
Date	Indexed E. C. Johnson



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

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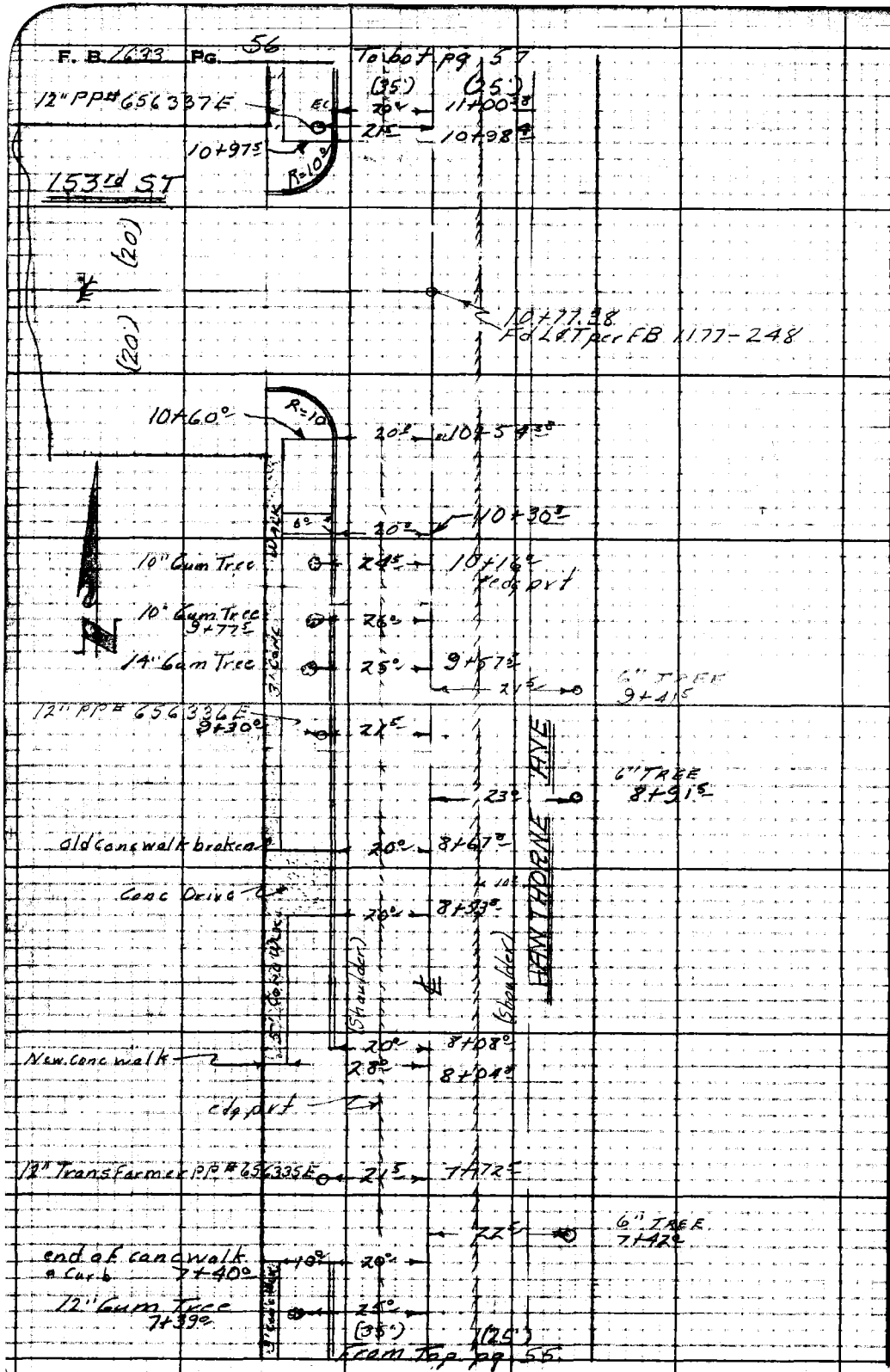
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 10M 1-49



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

F. B. 1633 PG. 57

Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W. O. 135 Tape No. Std.
Office Work	Surveyed by Van Deren
Checked	Notes Van Date 4-27-50
Date	Indexed A. C. Johnson

Ta but pg 58

(35') (25')

12" Gum Tree 17+88.5 — 24.5

10" TP# 497376 H 17+58.0 — 21.7

edg. pvt

14" Gum Tree 16+29.5 — 25.0

12 TP# 522681 H 16+20.0 — 21.8

edg pvt

10" Gum Tree 16+10.0 — 24.5

10.0 10.0 10.0 10 16+00

12" Gum Tree 15+89.5 — 25.0

14" Gum Tree 15+10.0 — 25.0

℄

12" T.P. # 522682 H 14+93.5 — 21.5

12" Gum Tree 14+11.0 — 24.5

10" Gum Tree 13+70.0 — 24.5

12" TP# 522683 H 13+61 — 21.8

13+11.0 12" Gum Tree — 24.5

12+53.0 Guy Wire — 21.3

12+46.5 14" Gum Tree — 25.0

(Shoulder)

HAWTHORNE AVE

CONCRETE

20.0 — 12+41.3

30.0 — 12+40.8

Conc Drive

30.0 — 12+32.3

20.0 — 12+31.3

12" PP# 656338 B 12+29.0 — 21.8

11+62.5 14" Gum Tree — 25.0

(35') (25')

11+42.0 4" Gum Tree — 24.5

From Top pg 56

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

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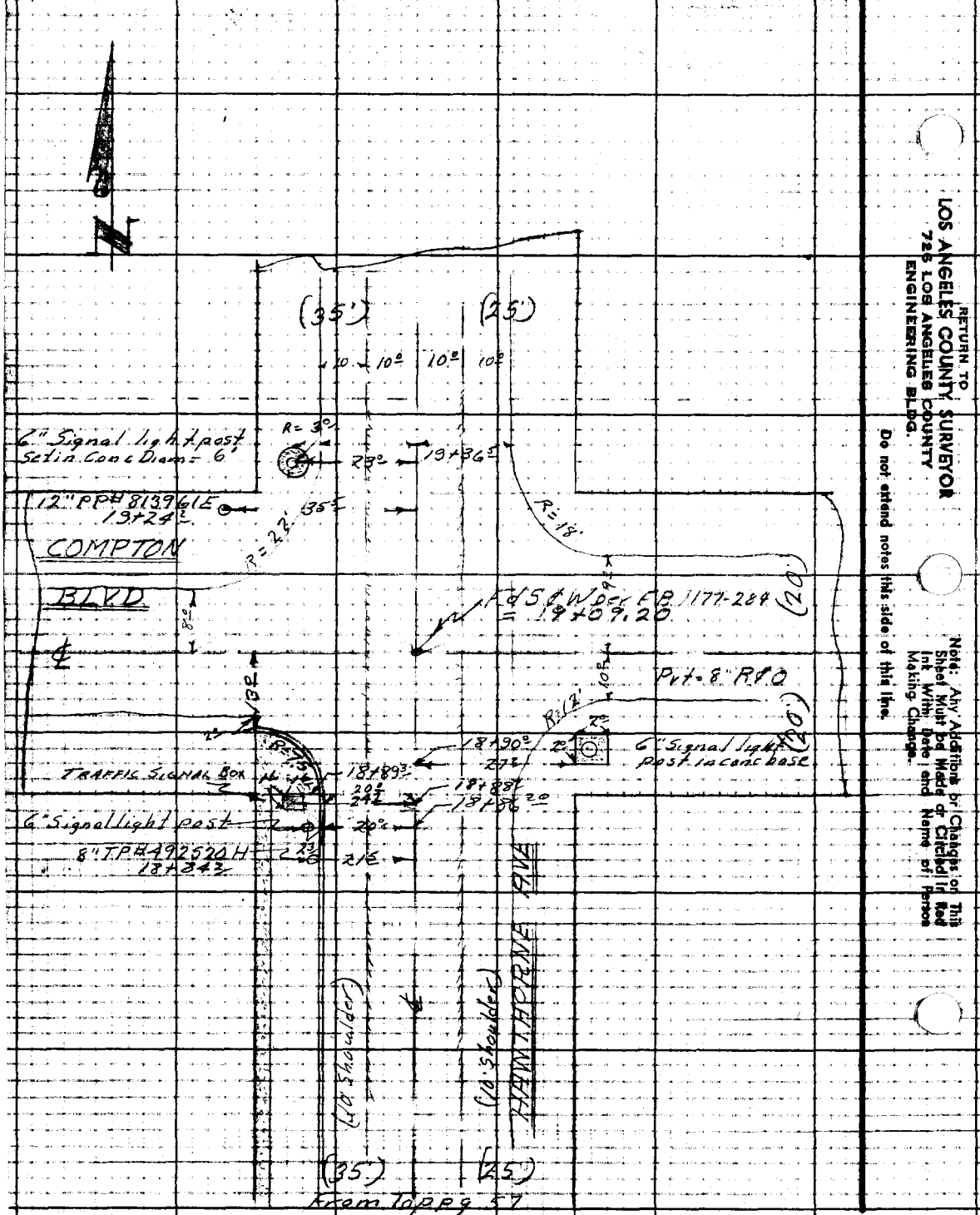
RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 10M 1-49

F. B. 1633 Pg. 58



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

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

Profile No. | Notes Red. | Plotted | Job No. 1358 | Division No. | F.B. 1633 | PG. 59

Date | Date | Survey of Hawthorne Ave

X-Sec. No. | Notes Chkd M.D.H. | Checked | Survey by Van Deren | Notes Van | Date 4-28-50

Date 5-3-50 | Date | Map No. | Indexed Johnson | Date FEB 7 '51

C.I.-1358.

CROSS SECTIONS ON HAWTHORNE AVE

FROM 156th ST- TO COMPTON BLVD

HAWTHORNE AVE SEWER DIST

4-28-50

Van Deren
Stangeland
Blankenship
Kiertzner

NOTE: BACK LOT LINES TO LEFT ARE HIGHER THAN ℄ HAWTHORNE AVE. W.

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

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

Do not extend notes this side of this line.

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

76L298 307 5-49

76L298 307 5-49

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Do not extend notes this side of this line.

Profile No. ___ X-Sec. No. ___
Plotted ___ Date ___ Checked ___ Date ___
Notes Red. ___ Date ___ Notes Chkd. ___ Date ___
Division No. ___ Job No. 1358
Notes Hawthorne Ave
Notes Van Deren
Date ___
Date ___
Survey of ___
Survey by ___ J. C. Johnson
Indexed ___
F.B. 1633 PG. 60

STATION	B. S.	H. I.	F. S.	ELEV.	Lt ℄ W	℄	Rt ℄ E
N-24	519	56.90		51.71	BM N-24 Elev = 51.708 FB 1633-7		
					Hawthorne Ave & 156 St N.W. Cor		
					Bt Spk in chiseled square at E. end C.R.		
—			5.24	51.86	S. end C.R. SW Cor		
0+87.15			5.23	51.67	W. end C.R. S.W. Cor		
"			8.89	48.01	42' Flowline of 24" Drain pipe		
"			5.19	51.71	44' end of curb		
0+89.3			9.57	47.33	16' Flow line of 48" Drain pipe		
0+93.3			9.18	47.72	12.4 " " " 24" " "		
"			9.43	47.47	17.6 " " " 36" " "		
0+97.2			9.46	47.44	14.9 " " " 30" " "		
1+00.00			5.08	51.82			℄ int 156 St & Hawthorne
1+01.4			9.05	47.85			20.8 Flow line 24" Drain pipe
J.C. at Hawthorne Ave & 156th St - 1+10.00 & 27 ⊥ Left							
					Rod 5.43 Chain 8.46 Diam 1.75		
21" inlet West			15.64	41.26	15.64	Rod 5.43 Chain 8.47 Diam 1.75	Rod 5.43 Chain 8.49 Diam 0.83
21" outlet East			15.65	41.25		15.65	14.75
10" inlet South			14.75	42.15	Rod 5.43 Chain 8.46 Diam 0.67		
8" inlet North			14.56	42.34	14.56		

76L298 307 5-49

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt ℄ West	℄ Rt ℄ East
1+12.75		56.90	5.17	51.73	30' W. end C.R. N.W. cor	
"			9.34	47.56	38.5 Flow line of 36" Drain pipe	
"			9.48	47.42	42' Flow line of 24" " "	
"			5.28	51.62	44' W. end of curb	
1+22.7			5.04	51.86		℄ OPPEC LEFT
"			5.11	51.79		10° edg pvt
"			5.18	51.72		20° Cut
"			4.9	52.0		25°/Tap brk ℄ P.L.
"			5.22	51.68	10° edg pvt	
"			5.72	51.18	20° Cut	
"			5.14	51.76	20°/Tap Cb	
"			4.87	52.03	33°/PL ℄ bk of walk	
	1+25 L	M.H. on Hawthorne Ave			26.8 Lt of ℄	
					Rod 4.94 Chain 8.82 Diam 0.67 14.43	Rod 4.94 Chain 8.73 Diam 0.67 14.34
8" outlet South			14.43	42.47		
8" inlet stub North			14.34	42.56		
Note stub N. is pluged with Trap in M.H. best elev that we could get						
1+25.5			9.10	47.80	21.9 Flow line of 30" Drain pipe	
2+00			4.84	52.06		℄

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 1633 PG. 61
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Hawthorne Ave Survey by Van Deren Notes Van Date 4-28-50
Map No. ____ Date ____ Indexed Johnson Date ____

76L298 307 5-49

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT ℄ WEST	℄ RT ℄ EAST
		56.90				
2+00			498	51.92		10% PVT
"			527	51.63		20% GUT, EDGE PVT.
"			48	52.1		25% ℞, TOP BRK
"			499	51.91	10% PVT	
"			508	51.82	20% GUT	
"			488	52.02	20% TOP CB	
"			446	52.44	33% BK WLK	
TP	534	57.35	489	52.01	TP	
2+45.5			503	52.32	28% EDGE CONC WLK	
3+00			504	52.31		℄
"			520	52.15		10% PVT
"			528	52.07		20% GUT EDGE PVT
"			47	52.6		25% ℞ TOP BRK
"			527	52.08	10% PVT	
"			544	51.91	20% GUT	
"			508	52.27	20% TOP CB	
"			486	52.49	33% BK WALK	
3+94%			475	52.60	28% EDGE 5' CONC WLK	
4+00			486	52.49		℄
"			501	52.34		10% PVT
"			527	52.08		20% GUT EDGE PVT

F.B. 1633 PG. 62
Job No. 1358 Division No. Notes Red. Plotted Profile No.
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST	℄ RT & EAST
		57.35				
4+00			44	52.9		25°/R
"			502	52.33	10°/PVT	
"			540	51.95	20°/GUT	
"			490	52.45	20°/TOP CURB	
"			465	52.70	33°/BK WLK	
5+00			457	52.78		℄
"			475	52.60		10°/PVT
"			490	52.45		20°/GUT EDGE PVT
"			40	53.3		25°/R
"			470	52.65	10°/PVT	
"			507	52.28	20°/GUT	
"			462	52.73	20°/TOP CURB	
"			442	52.93	33°/BK WLK	
TP	502	57.94	443	52.92	TP	
5+61.13			495	52.99		℄ OPP BC
"			482	53.12		10°/PVT
"			448	53.46		20°/EDGE PVT
"			40	53.9		25°/R
"			533	52.61	10°/PVT	
"			553	52.41	20°/GUT	

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1358 Division No. ____ Survey of HAWTHORNE AVE

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by VAN DEREN Notes A.C.S. Date 4-28-50 Map No. ____ Indexed ____ Date ____ Indexed Johnson

F.B. 1633 PG. 63

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT ℄ WEST	℄ RT ℄ EAST
		579.4				
5+61.13			513	52.81	20% TOP CB	
"			458	53.36	33% BK WLK	
—			502	52.92	W. END C.R. S.W. COR	
5+88.73			489	53.05		℄ INT 154TH
6+00			481	53.13		
—			500	52.94	W. END C.R. NW COR	
6+15.13			483	53.11		℄ OPP EC
"			476	53.18		10% PVT
"			475	53.19		20% EDGE PVT
"			471	53.8		25% ℄
"			511	52.83	10% PVT	
"			552	52.42	20% GUT	
"			496	52.98	20% TOP CB	
"			475	53.19	33% BK WLK	
7+00			470	53.24		℄
"			484	53.10		10% PVT
"			502	52.92		20% EDGE PVT, GUT
"			473	53.6		25% ℄
"			500	52.94	10% PVT	
"			530	52.64	20% GUT	

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Job No. 1358
Survey of HAWTHORNE AVE
Survey by VAN DEREN Notes A.C.S.
Indexed K. C. Johnson Date ____
F.B. 16,33 Pg. 64

76L298 307 3M 11-48

PLEASE RETURN TO
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726 HIGGINS BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT ℄ WEST ℄ RT ℄ EAST
		57 94			
7+00			4 69	53 25	20°/TOP CURB
"			4 45	53 49	33°/BK WLK
TP	5 25	58.44	4 75	53.19	TP
8+00			5 00	53 44	℄
"			5 12	53.32	10°/PVT
"			5 44	53 00	20°/GUT EDGE PVT
"			4 7	53 7	25°/℞
"			5 19	53 25	10°/PVT
"			5 56	52 88	20°/GUT
"			5 09	53 35	20°/TOP CB
"			4 8	53 6	33°/GRND
8+04 8			4 84	53.60	28°/EDGE WLK
8+67 8/			4 90	53.54	28°/ " "
9+00			4 85	53 59	℄
"			5 04	53.40	10°/PVT
"			5 34	53.10	20°/EDGE PVT GUT
"			4 8	53 6	25°/℞
"			5 07	53.37	10°/PVT
"			4 28	54.16 ?	20°/GUT
"			4 94	53.50	20°/TOP CB

Profile No. X-Sec. No. Notes Red Date Plotted Date Job No. 1358 Division No. Survey of HAWTHORNE AVE Notes Chkd Date Checked Date Survey by [illegible] Map No. Indexed Johnson Date

F.B. 1633 Pg. 65

76L298 307 3M 11-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 HIGGINS 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. X-Sec. No.

Plotted Date Checked Date

Notes Red Date Notes Chkd Date

Job No. 1358 Division No. Ave A.C.S.

Survey of HAWTHORNE Notes

Survey by VAN DEREN

Indexed E. C. Johnson Date

F.B. 1633 Pg. 66

STATION	B. S.	H. I.	F. S.	ELEV.	Lt of West ℄	Rt of East ℄
		58 44				
9+00			490	53.54	33% Bk Walk	
10+00			479	53.65		℄
"			487	53.57		10% Put
"			512	53.32		20% Edge Put, Gut
"			44	54.0		25% R Top Bank
"			498	53.46	10% Put	
"			510	53.34	20% Gut	
"			479	53.65	20% Top Curb	
"			470	53.74	33% Bk Walk	
10+54.38			461	53.83		℄ Opp BC Left
"			479	53.65		10% Put
"			517	53.27		20% Edge Put
"			45	53.9		25% R Top Bank
"			472	53.72	10% Put	
"			506	53.38	20% Gut	
"			470	53.74	10% Top Cb	
"			449	53.95	33% Bk Walk	
—			479	53.65	W End C.R. SW Cor	
10+77.38			462	53.82		℄ Int 158 RD JT
—			459	53.85	W End C.R. NW Cor	

76L298 307 3M 11-48

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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.	LFT ℄ WEST	℄ RT ℄ EAST
		58.44				
11+00			450	53.94		℄
11+00.38			450	53.94		℄ OPP EC LEFT
"			471	53.73		10% PVT
"			492	53.52		20% EDGE PVT, GUT
"			44	54.0.		25% R
"			470	53.74	10% PVT	
"			488	53.56	20% GUT	
"			468	53.76	20% TOP CB	
"			449	53.95	33% BK WLK	
BM "N-22"	549	59.14	479	53.65	BM "N-22" ELEV 53.657 FB 1633/7	
					HAWTHORNE AVE ℄ 153RD ST. SW. COR.	
					ST SAK IN W END C.R.	
12+00			512	54.02		℄
"			524	53.90		10% PVT
"			552	53.62		20% EDGE PVT, GUT
"			47	54.47		25% R TOP BR.
"			531	53.83	10% PVT	
"			557	53.57	20% GUT	
"			523	53.91	20% TOP CB	
"			510	54.04	33% BK WLK	

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 1352 Division No. ____ Survey of HAWTHORNE AVE
No. ____ Date ____ Notes Chkd ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Indexed Johnson Date ____

F.B. 1633 Pg. 67

76L298 307 3M 11-48

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST	℄ RT & EAST
		59.14				
13+00			495	54.19		℄
"			508	54.06		10% PVT
"			530	53.84		20% EDGE PVT
"			47	54.4		25% ℞ TOP BRK
"			514	54.00	10% PVT	
"			544	53.70	20% GUT	
"			511	54.03	20% TOP CB	
"			490	54.24	33% BK WLK	
14+00			482	54.32		℄
"			496	54.18		10% PVT
"			518	53.96		20% EDGE PVT
"			46	54.5		25% ℞
"			501	54.13	10% PVT	
"			527	53.87	20% GUT	
"			495	54.19	20% TOP CB	
"			471	54.43	33% BK WLK	
TP	554	59.82	486	54.28	TP	
15+00			532	54.50		℄
"			547	54.35		10% PVT
"			569	54.13		20% EDGE PVT

F.B. 1633 Pg. 68 Job No. 1358 Division No. Notes Red. Plotted Date No. Profile
Survey of HAWTHORNE AVE Date Notes Chkd. Checked Date No. X-Sec.
Survey by VAN DEREN Notes A.C.S. Date
Indexed C. Johnson Date

76L298 307 3M 11-48

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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.	LFT ℄ WEST	℄ RT ℄ EAST
		59.82				
15+00			53	54.5		25°/R
"			552	54.30	10°/PVT	
"			580	54.07	20°/GUT	
"			553	54.29	20°/TOP CB	
"			522	54.60	33°/BK WK	
16+00			505	54.77		℄
"			509	54.73		10°/PVT
"			550	54.32		20°/EDGE PVT
"			48	55.01		25°/R
"			524	54.58	10°/PVT	
"			567	54.15	20°/GUT	
"			535	54.47	20°/TOP CB	
"			515	54.67	33°/BK WK	
17+00			462	55.20		℄
"			473	55.09		10°/PVT
"			495	54.87		20°/EDGE PVT
"			46	55.21		25°/R
"			475	55.07	10°/PVT	
"			529	54.53	20°/GUT	
"			488	54.94	20°/TOP CB	

Profile No. X-Sec. No. Notes Red Date Plotted Date Notes Chkd Date Checked Date Job No. 1358 Division No. Survey of HAWTHORNE AVE Survey by [illegible] Map No. Indexed A. C. Johnson Date

F.B. 1623 Pg. 69

76L298 307 3M 11-48

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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.	LFT & WEST	℄ RT & EAST
		59.82				
17+00			480	55.02	33°/Bk Wlk	
TP	576	60.94	464	55.18	TP	
18+00			541	55.53		℄
"			554	55.40		10°/Pvt
"			579	55.15		20°/Edge Pvt
"			51	55.8		25°/℞
"			554	55.40	10°/Pvt	
"			599	54.95	20°/Gvt	
"			554	55.40	20°/Top Cb	
"			533	55.61	33°/Bk Wlk	
18+88.2			500	55.94		℄ opp BC
"			473	56.21		10°/Pvt
"			432	56.62		20°/Edge Pvt
"			35	57.41		25°/℞
"			540	55.54	10°/Pvt	
"			571	55.23	20°/Gvt	
"			521	55.73	20°/Top Cb	
"			498	55.96	33°/Bk Wk	
—			508	55.86	W End C.R. SW Cor.	
19+09.20			486	56.08		℄ Int Compton Blvd

F.B. 7633 Pg. 70 Job No. 1358 Division No. Notes Red. Plotted Profile
Survey of Hawthorne Ave Date Date No. X-Sec.
Survey by Van Deren Notes A.C.S. Notes Chkd Checked
Indexed E. C. Johnson Date Date No.

76L298 307 3M 11-48

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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.	LFT ℄ WEST ℄ RT ℄ EAST
		60.94			
BM #17			3.80	57.14	BM #17 ELEV 57.153 FB 1633/6
					COMPTON BLVD & HAWTHORNE AVE S.E. COR.
					CUTSER IN WING WALL CONC CULVERT
					E. SIDE P.E. R/W

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1358 Division No. ____

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

Notes Chkd ____ Checked ____ Survey by [illegible]

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

F.B. 1633 Pg. 71

F.B. 163 Pg. 72 Job No. 1358 Division No. Notes Red. Plotted Profile

Survey of HAWTHORNE AVE. Date Date No.

Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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7SL288 307 3M 11-40

Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W. O. 1358 Tape No. Sh'd °F
Office Work	Surveyed by Van Deren
Checked	Notes Vag Date
Date	Indexed: L. C. Johnson

F. B. 1633 PG. 73

FEB 7 '51

C1-1358

TOPOGRAPHY ON GREVILLEA AVE

FROM 150' S. OF 154th ST TO COMPTON BLVD

HAWTHORNE AVE SEWER DISTRICT

Van Deren
Stangeland
Blankenship
Kiertzner

NOTE: PVT. ON GREVILLEA = 3" PREMIX

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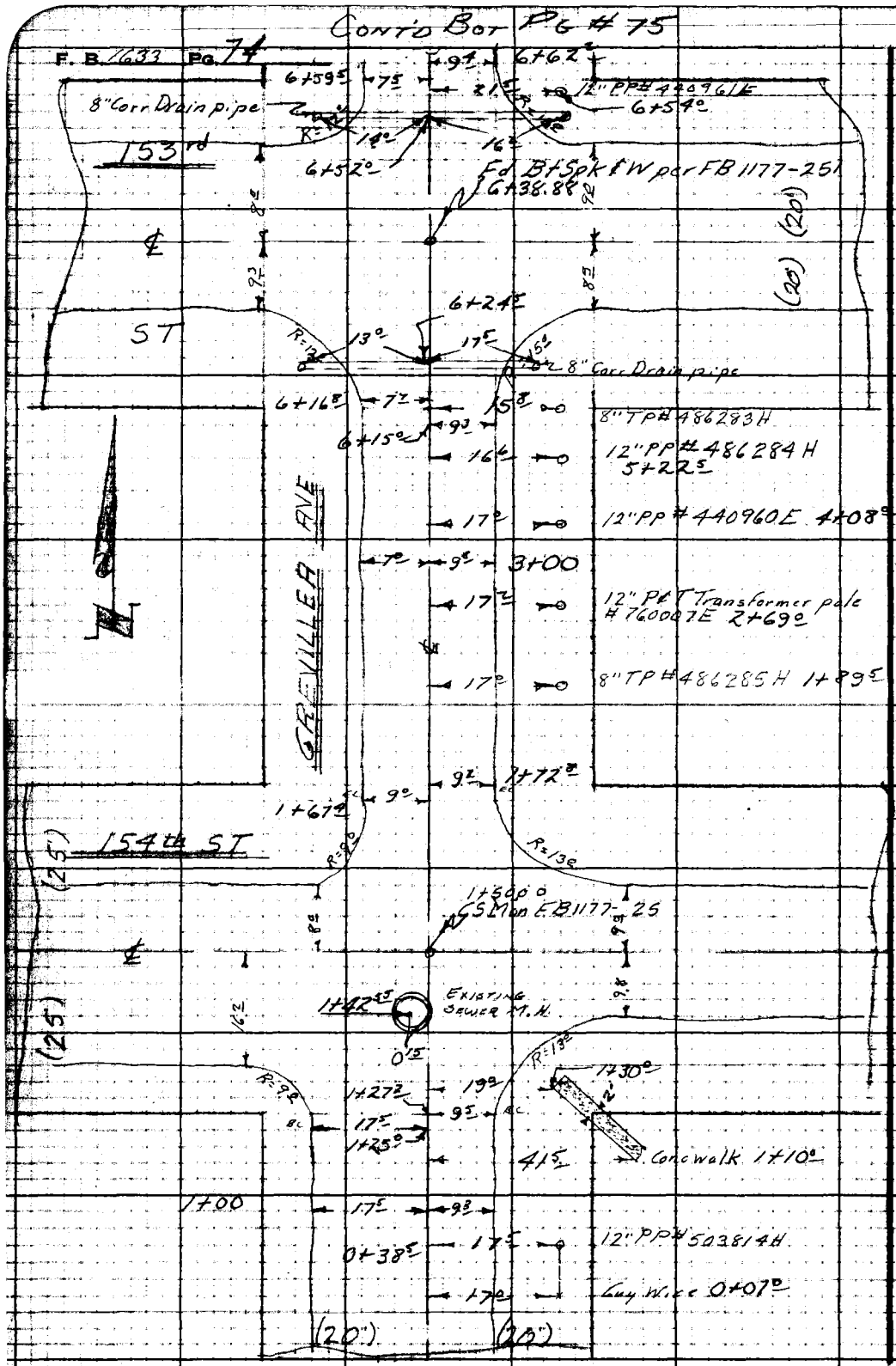
76F3098 247 10M 1-49



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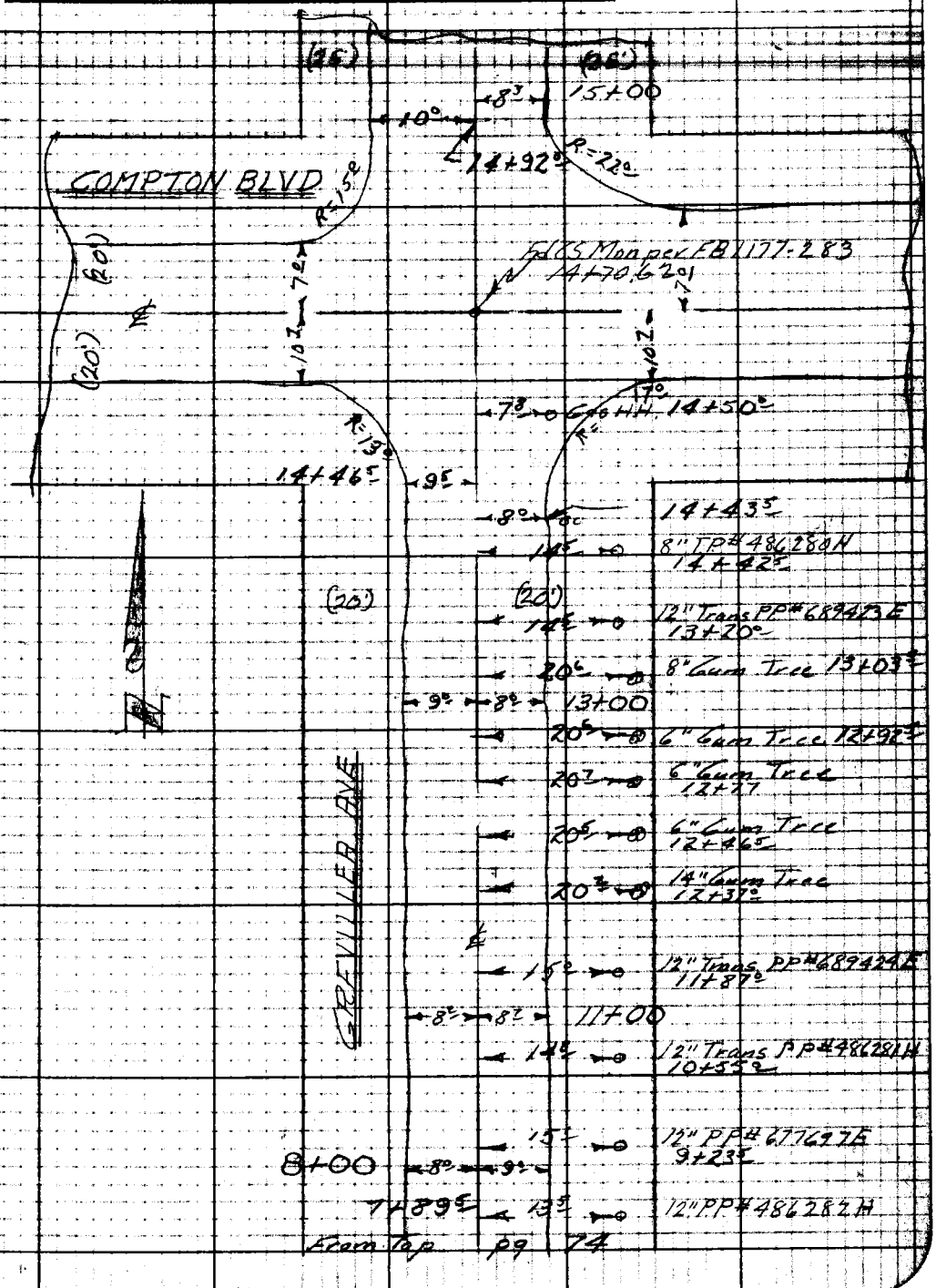
Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W.O. [illegible] Page No. Std.
Office Work	Surveyed by Van Deren
Checked	Notes Van Date
Date	Indexed C. Johnson

F. B. 1633 PG. 75



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 10M 1-49

F. B. 1633 Pg. 76

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725 LOS ANGELES COUNTY
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Profile No.	Notes Red.	Plotted	Job No. 1358	Division No.	F.B. 1633	Pg. 77
	Date	Date	Survey of Hawthorne Ave			
X-Sec. No.	Notes Chkd H.D.H.	Checked	Survey by Van Deren	Notes Van	Date 5-1-50	
	Date 5-3-50	Date	Map No.	Indexed C. Johnson	Date FEB 7 '51	

1358

CROSS SECTIONS ON GREVILLEA AVE

FROM 150' SOUTH OF 154 ST TO COMPTON BLVD

HAWTHORNE AVE SEWER DIST

5-1-50

Van Deren
Stangeland
Blankenship
Kiertzner

NOTE: GRND TO LEFT & WEST HIGHER; GRND TO RIGHT & EAST NOT LOWER THAN ℄ GREVILLEA

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

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76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LT & West	& RT & East
LF50	5 25	63.03		57.78	BM LF50 Elev = 57.77	FB 1633-10
					154 st. & Grevillea Ave. S. E. Cor	
					Bt spk in Walk to ho # 4452	
0+00			656	56.47		℄
"			681	56.22		9' Edge Pvt
"			76	55.4.		14' Gut
"			69	56.1.		18' Top Brk
"			69	56.1.		20' R
"			702	56.01.	13' Gut	
"			673	56.30	16' Edge Pvt	
"			65	56.5.	20' R	
1+00			575	57.28		℄
"			603	57.00		9' Edge Pvt
"			66	56.4.		14' Gut
"			56	57.4.		18' Top Brk
"			56	57.4.		20' R
"			608	56.95.	14' Gut	
"			582	57.21.	17' Edge Pvt	
"			57	57.3.	20' R	
1+25			550	57.53.		℄ opp R2
"			576	57.27.		9' Edge Pvt

F.B. 1633 PG. 78
Profile No. ____ Plotted ____ Date ____
X-Sec. No. ____ Checked ____ Date ____
Job No. 1358 Division No. ____ Notes Red. ____ Date 5-1-50
Survey of Hawthorne Ave
Survey by Van Deren Notes Kan Notes Chkd. ____ Date ____
Indexed L. C. Johnson Date ____

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT ℄ WEST	℄ RT ℄ EAST
		63.03				
1+25 0/			6.1	56.9		14 0/ GUT
"			54	57.6		18 0/ TOP BRK
"			54	57.6		20 0/ PL
"			586	57.17	14 0/ GUT	
"			564	57.39	17 5/ EDGE PVT	
"			55	57.5	20 0/ PL	
1+27 2			5.42	57.61		℄
"			5.69	57.34		9 5/ EDGE PVT
"			59	57.1		14 0/ GUT
"			5.4	57.6		18 0/ TOP BRK
"			54	57.6		20 0/ PL
—					NOTE: FOR DATUM ON EXISTING M.H.	
—					SHOWN, SEE CROSS-SECTIONS ON	
—					154TH STREET.	
—						
1+50 0			597	57.06		℄ INT GREVILLEA AVE
1+67 4			493	58.10	OPP EC	℄
"			523	57.80	9 0/ EDGE PVT	
"			54	57.6	13 0/ GUT	
"			54	57.6	20 0/ PL	

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of HAWTHORNE AVE
Survey by VAN DEREN Notes A.C.S. Date 3-1-50
Map No. ____ Date ____ Date ____ Date ____

F.B. 1633 PG. 79

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & WEST	℄ RT & EAST
		63.03				
1+72.81			492	58.11		℄ OPP EC RT
"			530	57.73		9% EDGE PVT
"			55	57.5		14% GUT
"			50	58.0		15% TOP BRK
"			49	58.1		20% AR
1+75.01			493	58.10		℄ OPP AR
"			527	57.76		9% EDGE PVT
"			56	57.4		14% GUT
"			50	58.0		16% TOP BRK
"			50	58.0		20% AR
"			517	57.86	9% EDGE PVT	
"			56	57.4	13% GUT	
"			50	58.0	20% AR	
2+00			493	58.10		℄
"			522	57.81		9% EDGE PVT
"			57	57.3		14% GUT
"			52	57.8		20% AR
"			537	57.66	8% EDGE PVT	
"			56	57.4	13% GUT	
"			50	58.0	20% AR	

F.B. 1633 PG. 80
Job No. 1358 Division No. Notes Red. Plotted No. Profile
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST	℄ RT & EAST
		63.03				
3+00			518	57.85		℄
"			537	57.66		9°/EDGE PVT
"			61	56.9		14°/GUT
"			56	57.4		20 AR
"			547	57.56	7°/EDGE PVT	
"			59	57.1	13°/GUT	
"			55	57.5	20°/AR	
4+00			576	57.27		℄
"			612	56.91		9°/EDGE
"			65	56.5		14°/GUT
"			60	57.0		20°/AR
"			600	57.03	7°/EDGE PVT	
"			63	56.7	13°/GUT	
"			57	57.3	20°/AR	
TP	315	60.28	590	57.13	TP	
5+00			409	56.19		℄
"			440	55.88		9°/EDGE PVT
"			46	55.7		14°/GUT
"			44	55.9		20°/AR
"			436	55.92	7°/EDGE PVT	

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1358 Division No. ____ Survey of HAWTHORNE AVE
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by VAN OEREN Notes A.C.S. Date 5-1-50
Map No. ____ Date ____ Indexed Johnson Date ____

F.B. 1633 PG. P1

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F.B. 1633 PG. 82 Job No. 1358 Division No. A.C.S. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Profile No. X-Sec. No.

Survey of HAWTHORNE AVE
Survey by VAN DEREN Notes
Indexed H. C. Johnson Date

STATION	B. S.	H. I.	F. S.	ELEV.	LFT ℄ WEST	℄	RT ℄ EAST
		60 28					
5+00			49	55.4	13% GUT		
"			41	56.2	20% R		
6+00			501	55.27		℄	
"			531	54.97			9% EDGE PVT
"			61	54.2			14% GUT
"			49	55.4			20% R
"			530	54.98	8% EDGE PVT		
"			59	54.4	13% GUT		
"			53	55.0	20% R		
6+15.0			503	55.25		℄	OPP BC RT
"			528	55.00			9% EDGE PVT
"			61	54.2			14% GUT
"			49	55.4			20% R
6+168			503	55.25	OPP BC LFT.	℄	
"			530	54.98	7% EDGE PVT		
"			60	54.3	11% GUT		
"			49	55.4	13% TOP BRK		
"			52	55.1	20% R		
6+18.88			504	55.24		℄	OPP RA
"			528	55.00			9% EDGE PVT

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST &	RT & EAST
		60 28				
6+13 83			62	54.1		14°/ GUT
"			50	55.3		20°/ PL
"			530	54.98	7 7/ EDGE PVT	
"			60	54.3	12°/ GUT	
"			49	55.4	14°/ TOP BRK	
"			49	55.4	20°/ PL	
6+24 5			501	55.27		℄ TOP PVT ABOVE PIPE
"			635	53.93		17 5/ FLOWLINE "
"			619	54.09	13°/ FLOWLINE PIPE	
6+38 88			499	55.29		℄ INT 153RD ST.
6+52°			504	55.24		℄ TOP PVT ABOVE PIPE
"			637	53.91		16 2/ FLOW LINE
"			609	54.19	14°/ FLOW LINE	
6+58 88			506	55.22		℄
"			532	54.96		9 4 EDGE PVT
"			60	54.3		14°/ GUT
"			49	55.4		20°/ PL
"			526	55.02	7 5/ EDGE PVT	
"			62	54.1	12°/ GUT	
"			42	56.1	14°/ TOP BRK	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 623 PG. 83
Date ____ Date ____ Survey of HAWTHORNE AVE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by VAN DREEN Notes A.C.S. Date 5-1-50
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 5-49

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

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

Do not extend notes this side of this line.

F.B. 1433 PG. 84 Job No. 1358 Division No. Notes Red. Plotted Profile No.
Survey of HAWTHORNE AVE A.C.S. Date Date X-Sec.
Survey by VAN DEREN Notes Notes Chkd. Checked
Indexed E. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT ℄ WEST	℄ RT ℄ EAST
		6028.				
6+58 88			47	55.6.	20% R	
6+59			507	55.21	OPP EC LFT	℄
"			525	55.03	9% EDGE PVT	
"			63	54.0.	12% GUT	
"			46	55.7.	14% TOP BRK	
"			51	55.2.	20% R	
6+62 21			5.10	55.18.		℄ OPP EC RT
"			5.36	54.92		9% EDGE PVT
"			60	54.3.		14% GUT
"			51	55.2.		16% TOP BRK
"			50	55.3.		20% R
7+00			515	55.13		℄
"			534	54.94		8% EDGE PVT
"			56	54.7.		14% GUT
"			46	55.7.		18% TOP BRK
"			45	55.8.		20% R
"			539	54.89	8% EDGE PVT	
"			61	54.2.	12% GUT	
"			54	54.9.	16% TOP BRK	
"			50	55.3.	20% R	

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT ℄ WEST	RT ℄ EAST
		60 28				
8+00			493	55.35	℄	
"			516	55.12		9% EDGE PVT
"			58	54 5		14% GUT
"			52	55.1		20% R
"			522	55.06	8% EDGE PVT	
"			57	54.6	12% GUT	
"			52	55.1	20% R	
TP	505	60.30	503	55.25	TP	
9+00			487	55.43	℄	
"			513	55.17		9% EDGE PVT
"			54	54.9		13% GUT
"			47	55.6		20% R
"			513	55.17	8% EDGE PVT	
"			55	54.8	12% GUT	
"			50	55.3	20% R	
10+00			466	55.64	℄	
"			492	55.38		8% EDGE PVT
"			56	54.7		13% GUT
"			48	55.5		20% R
"			495	55.35	7% EDGE PVT	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of HAWTHORNE AVE
Survey by VAN DERRY Notes ____ Date 5-1-50
Map No. ____ Indexed Johnson Date ____
F.B. 1633 PG. 75

76L298 307 5-49

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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.	LFT ℄ WEST ℄	RT ℄ EAST
		60.30				
10+00			52	55.[illegible]	13% GUT	
"			47	55.6	20% ℞	
11+00			427	55.53	℄	
"			461	55.69		8% EDGE PVT
"			52	55.1		13% GUT
"			44	55.9		20% ℞
"			450	55.80	8% EDGE PVT	
"			49	55.1	13% GUT	
"			44	55.9	20% ℞	
TP	510	61.42	3.98	56.32	TP	
12+00			498	56.44	℄	
"			535	56.[illegible]		7% EDGE PVT
"			60	55.4		12% GUT
"			51	56.3		14% TOP BRK
"			50	56.4		20% ℞
"			525	56.17	8% EDGE PVT	
"			58	55.6	12% GUT	
"			54	56.0	20% ℞	
13+00			487	56.55	℄	
"			519	56.23		8% EDGE PVT

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Job No. 1358
Notes ____ Date ____
Survey of HAWTHORNE AVE A.G.S.
Survey by VAN DEREN
Indexed A. C. Johnson
F.B. 1633 PG. 86

76L298 307 5-49

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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.	LFT & WEST ℄	RT & EAST
		6142				
13+00			60	55.4		13°/GUT
"			51	56.3		15°/TOP BRK
"			51	56.3		20°/R
"			512	56.30	9°/EDGE PVT	
"			58	55.6	12°/GUT	
"			53	56.1	20°/R	
14+00			491	56.51		℄
"			525	56.17		8°/EDGE PVT
"			60	55.4		13°/GUT
"			51	56.3		15°/TOP BRK
"			51	56.3		20°/R
"			507	56.35	9°/EDGE PVT	
"			58	55.6	13°/GUT	
"			51	56.3	15°/TOP BRK	
"			51	56.3	20°/R	
14+43.5			452	56.90		℄ OPP BCRT
"			470	56.72		8°/EDGE PVT
"			55	55.9		13°/GUT
"			45	56.9		15°/TOP BRK
"			45	56.9		20°/R

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Job No. 1358 Division No. ____ Survey of HAWTHORNE AVE Survey by VAN DEREN Notes A.C.S. Date 5-1-50 Map No. ____ Indexed ____ Date ____

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

F.B. 1693 PG. 87

76L298 307 5-49

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F.B. 1633 PG. 88 | Job No. 1358 | Division No. | Notes Red. | Plotted | No. | Profile
Survey of HAWTHORNE AVE | Notes | Date | Date | Date | X-Sec.
Survey by KAY DEREN A.C.S. | Notes Chkd. | Checked | No.
Indexed L. C. Johnson | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ WEST	℄ RT ℄ EAST
		6192.				
14+96.5			495	56.97.		℄
"			477	56.65.	9% EDGE PVT	
"			57	55.7.	14% GUT	
"			46	56.8.	15% TOP BRK	
"			47	56.7.	20% ℞	
14+50.62			436	57.06		℄ OPP ℞
"			461	56.81.		13% EDGE PVT
"			46	56.8.		20% ℞
"			469	56.73	10% EDGE PVT	
"			55	55.9.	14% GUT	
"			47	56.7.	17% TOP BRK	
"			47	56.7.	20% ℞	
14+70.67			392	57.50		℄ INT COMPTON BLVD
14+92.91			405	57.37.	OPP EC LT ℄	
"			495	56.97.	10% EDGE PVT	
"			51	56.0.	14% GUT	
"			48	56.6.	15% TOP BRK	
"			46	56.8.	20% ℞	
15+00			413	57.29		℄ OPP EC RT
			460	56.82.		8% EDGE PVT

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & WEST &	RT & EAST
		61 42				
15+00			52	56.2		13°/GUT
"			42	57.2		17°/TOP BRK
"			41	57.3		20°/IR
BM "NF-1"			4 70	56.72	BM "NF-1" ELEV 56.720 FB1633-6	
					Compton Blvd & Grevillea Ave. S. W. Cor.	
					Bt Spk in conc Walk To ho #15101	

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 1633 PG. 89

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of HANTHORNE AVE Survey by VAN DEREN Notes A.C.S. Date 5-1-50

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

F.B. 1633 PG. 90 Job No. 1358 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of HAWTHORNE AVE Date _____ Date _____ No. _____

Survey by VAN DEREN Notes A.C.S. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L298 307 5-49

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Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W.O. [illegible] Tape No. Std.
Office Work	Surveyed by Van Deren
Checked	Notes [illegible] Date 5-2-50
Date	Indexed A. C. Johnson

F. B. 1633 PG. 97

FEB 7 '51

C1-1358

TOPOGRAPHY ON MANSEL AVE

FROM 156th ST - TO 150' N. OF 153rd ST

HAWTHORNE AVE SEWER DISTRICT

5-2-50
Van Deren
Stangeland
Blankenship
Kiertzner

NOTE: PVT. ON MANSEL AVE
= 4" PREMIX

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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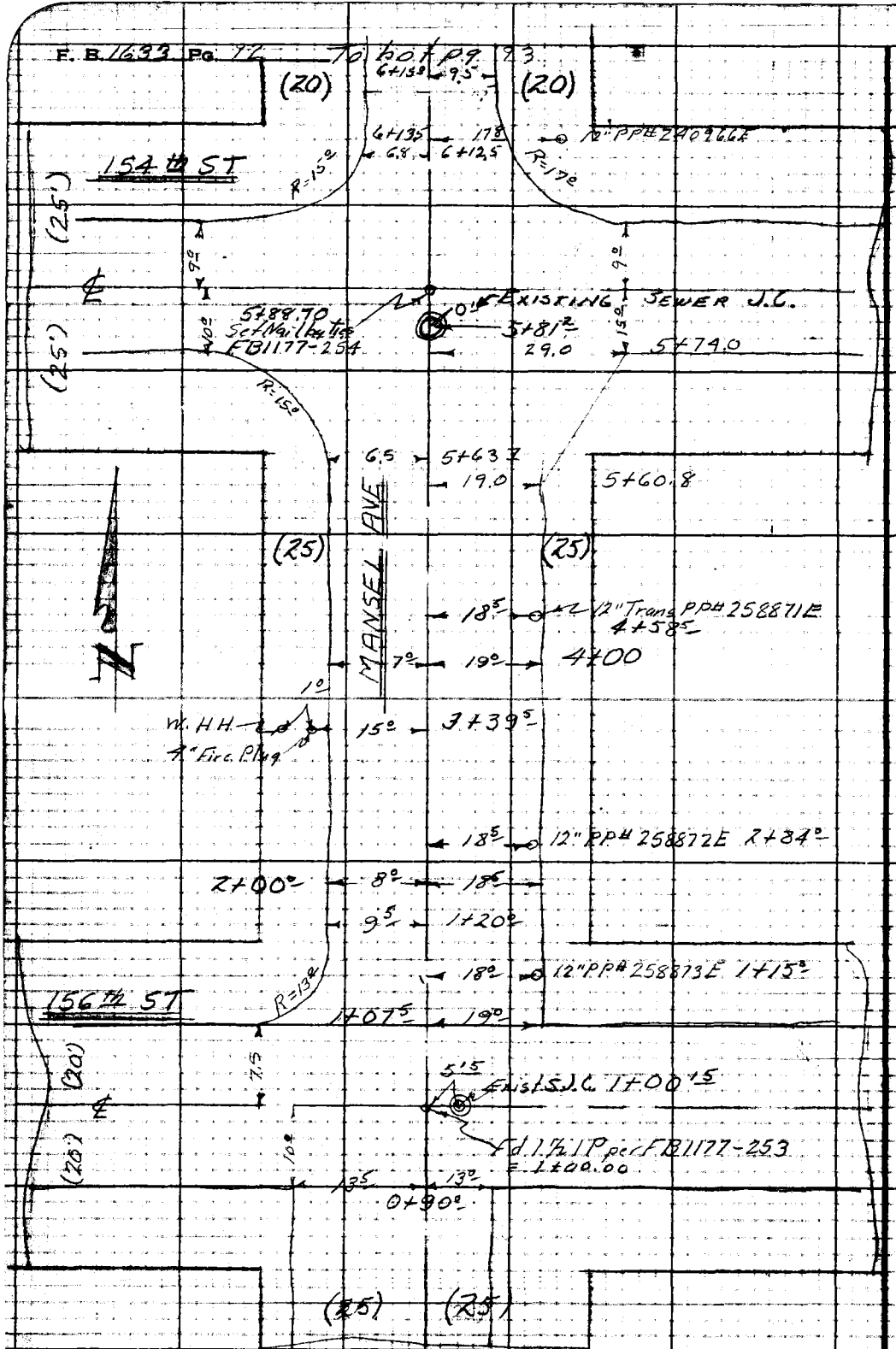
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 10M 1-49



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

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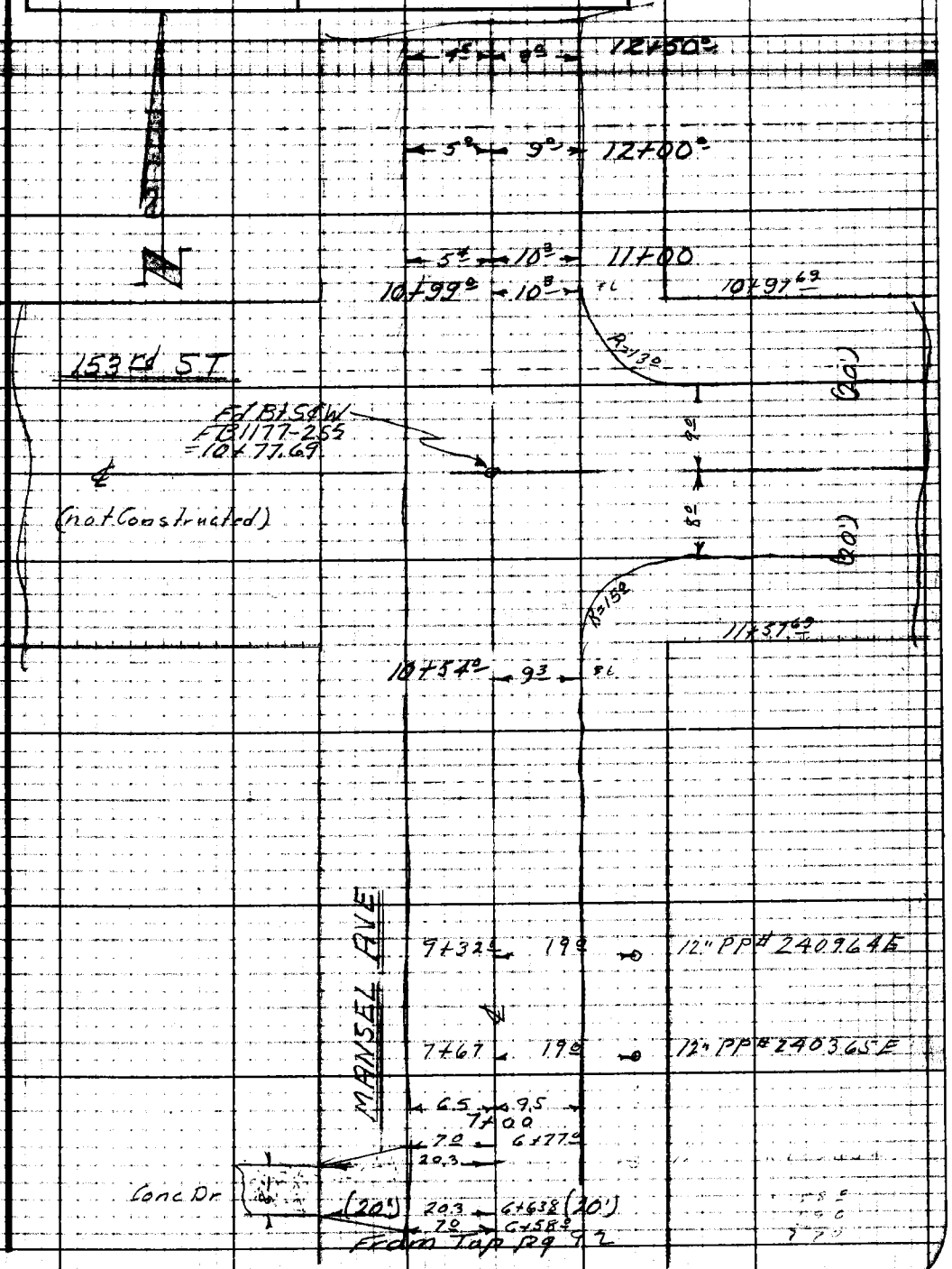
Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W. O. Tape No. Std.
Office Work	Surveyed by Van Deren
Checked	Notes Van Date 5-2-50
Date	Indexed C. Johnson

F. B. 1633 PG. 93



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 10M 1-49

F. B. 633 PG. 94

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Profile No. | Notes Red. | Plotted | Job No. 1358 | Division No. | F.B. 7633 PG. 95
Date | Date | Survey of Hawthorne Ave
X-Sec. No. | Notes Chkd H.D.H. | Checked | Survey by Van Deren | Notes Van | Date 5-2-50
Date 5-5-50 | Date | Map No. | Indexed G. Johnson | Date FEB 7 '51

C1-1358

CROSS SECTIONS ON MANSEL AVE

FROM 156 ST TO 150' N. OF 153 ST

HAWTHORNE AVE SEWER DIST

5-2-50

Van Deren
Strangeland
Blankenship
Kiertzner

NOTE: BACK LOT LINES TO RIGHT & LEFT ARE HIGHER THAN OR LEVEL WITH ℄ MANSEL AVE.

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ West	℄ RT ℄ East
NF2	5.82	59.35		53.53	BM NF2 Elev = 53.529 FB 1633-8	
					156 St ℄ Mansel Ave. S. E. cor	
					Bt Spk in conc walk To ho #4522	
1+00			5.82	53.53		℄ int 156 St.
1+00.15	Exist J.C. at 156 St ℄ Mansel Ave					
					Rod 5.90 Chain 9.56 Diam 1.50	
18" inlet W			16.96	42.39	16.96 Rod 5.90 Chain 9.63 Diam 0.67	Rod 5.90 Chain 9.28 Diam 0.67
8" inlet S			16.20	43.15	16.20	
8" inlet N			15.85	43.50		15.85 Rod 5.90 Chain 9.60 Diam 1.50
18" Outlet E			17.00	42.35		17.00
1+05.0			590	53.45		℄ BRK IN GRD
1+20%			674	52.61		℄ CROSS GUT, OPP ℞ OPP BC LFT
"			660	52.75		15% GUT
"			635	53.00		19% EDGE PVT
"			63	53.0		25% ℞
"			660	52.75	9% EDGE PVT	
"			65	52.8	15% GUT	
"			57	53.6	16% TOP BRK	
"			53	54.0	25% ℞	

F.B. 7633 PG. 76
Survey of Hawthorne Ave
Survey by Van Deven Notes Van
Indexed C. Johnson Date
Job No. 1358 Division No.
Notes Red. Date 5-2-50
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT. & WEST	℄	RT & EAST
		59.35					
1+50			560	53.75		℄	TOP BRK IN GRD
"			611	53.24			16' GUT
"			585	53.50			18' EDGE PVT
"			58	53.5			25' PL
"			588	53.47	8' EDGE PVT		
"			62	53.1	11' GUT		
"			57	53.6	13' TOP BRK		
"			55	53.8	25' PL		
2+00			501	54.34		℄	
"			574	53.61			16' GUT
"			535	54.00			18' EDGE PVT
"			54	53.9			25' PL
"			543	53.92	8' EDGE PVT		
"			58	53.5	12' GUT		
"			51	54.2	15' TOP BRK		
"			53	54.0	25' PL		
3+00			397	55.38		℄	
"			464	54.71			16' GUT
"			424	55.11			19' EDGE PVT
"			43	55.0			25' PL

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 1633 PG. 97
Date ____ Date ____ Survey of Hawthorne Hyd
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Van Deren Notes Van Date 5-2-50
Date ____ Date ____ Map No. ____ Indexed ____ Date ____ Johnson

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F.B. 1633 PG. 98 | Job No. 1358 | Division No. | Notes Red. | Plotted | Profile No.

Survey of HAWTHORNE AVE | Notes | Date | Notes Chkd. | Checked | X-Sec. No.

Survey by VAN DEREN A.C.S. | Date | Date | Date

Indexed C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.	LFT ℄ WEST	℄ RT ℄ EAST
		59.35				
3+00			435	55.00	7% EDGE PVT	
"			486	54.49	11% GUT	
"			44	54.9	25% ℞	
TP	782	63.49	368	55.67	TP	
3+30			777	55.72		℄ @ BRK IN GRD
"			834	55.15		16% GUT
"			803	55.46		19% EDGE PVT
"			81	55.4		25% ℞
"			817	55.32	7% EDGE PVT	
"			85	55.0	10% GUT	
"			78	55.7	25% ℞	
4+00			614	57.35		℄ @ BRK IN GRD.
"			700	56.49		16% GUT
"			673	56.76		19% EDGE PVT
"			67	56.8		25% ℞
"			649	57.00	7% EDGE PVT	
"			70	56.5	13% GUT	
"			65	57.0	25% ℞	
5+00			477	58.72		℄ @ BRK IN GRD
"			563	57.86		16% GUT

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT. & WEST	℄ RT & EAST
		63.49.				
5+00			534	58.15.		19 5/ EDGE PVT
			53	58.2.		25 0/ PL
"			513	58.36.	6 5/ EDGE PVT	
"			54	58.1.	10 0/ GUT	
"			50	58.5.	25 0/ PL	
5+60 5			466	58.83		℄ OPP BC RIGHT
"			531	58.18.		16 0/ GUT
"			504	58.45		19 0/ EDGE PVT
"			49	58.6.		2 0/ PL
5+63 7/			464	58.85	OPP BC LEFT	℄ OPP PL
"			524	58.25		16 0/ GUT
"			486	58.63		21 3/ EDGE PVT
"			493	58.56	6 5/ EDGE PVT	
"			53	58.2.	10 0/ GUT	
"			46	58.9.	25 0/ PL	
5+81 20			—		EXISTING J. C. AT 154TH & MANSEL	
—			—		(SEE X-SECTION " FOR INVERT ELEV)	
5+88 70			433	59.16.		℄ INT 154TH STREET
6+00			433	59.16		℄
6+12 8			438	59.11	OPP EC LEFT	℄

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1253 Division No. ____ Survey of HAWTHORNE AVE
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by VAN DEREN Notes A.C.S. Date 5-2-50
Map No. ____ Indexed ____ Date ____ Indexed Johnson Date ____

F.B. 1633 PG. 99

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT. & WEST	℄ RT. & EAST
		63.49				
6+12 8/			464	58.85	6 8/ EDGE	
"			49	58.6	10 0/ GUT	
"			48	58.7	20 0/ PL	
6+15 8/			440	59.09		℄ OPP EC RT
"			468	58.81		9 8/ EDGE PVT
"			48	58.7		12 0/ GUT
"			46	58.9		20 0/ PL
"			466	58.83	6 8/ EDGE PVT	
"			49	58.6	10 0/ GUT	
"			49	58.6	20 0/ PL	
BM "LF49"	460	63.46	463	58.86	BM "LF49" ELEV 56.862 FB 1633/9	
			—		154TH ST & MANSEL AVE. N.W. COR.	
			—		BT. SPK. IN END WALK TO HO. # 15337	
7+00			463	58.83		℄
"			481	58.65		9 5/ EDGE PVT
"			49	58.6		13 0/ GUT
"			48	58.7		20 0/ PL
"			495	58.51	6 5/ EDGE PVT	
"			53	58.2	9 0/ GUT	
"			49	58.6	20 0/ PL	

F.B. 1633 PG. 100 Job No. 1358 Division No. Notes Red. Plotted No. Profile
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST ℄	RT & EAST
		63.46				
8+00			471	58.75	℄	
"			491	58.55		9°/ EDGE PVT
"			53	58.2		13°/ GUT
"			50	58.5		20°/ ℞
"			498	58.48	6°/ EDGE PVT	
"			55	58.0	10°/ GUT	
"			47	58.8	20°/ ℞	
9+00			494	58.52	℄	
"			526	58.20		9°/ EDGE PVT
"			58	57.7		13°/ GUT
"			52	58.3		16°/ TOP BRK
"			53	58.2		20°/ ℞
"			524	58.22	6°/ EDGE PVT	
"			61	57.4	11°/ GUT	
"			54	58.1	13°/ TOP BRK	
"			54	58.1	20°/ ℞	
10+00			597	57.49	℄	
"			627	57.19		9°/ EDGE PVT
"			67	56.8		13°/ GUT
"			63	57.2		16°/ TOP BRK

Profile Notes Red. Plotted Job No. 1358 Division No.
No. Date Date Survey of HAWTHORNE AVE
X-Sec. Notes Chkd. Checked Survey by VAN DEREN Notes A.C.S. Date 5-2-50
No. Date Date Map No. Indexed Johnson Date

F.B. 7633 PG. 101

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT. & WEST	℄ RT. & EAST
		63.46				
10+00			62	57.3		20°/ PL
"			624	57.22	6°/ EDGE PVT	
"			67	56.8	11°/ GUT	
"			64	57.1	20°/ PL	
TP	301	60.32	615	57.31	TP	
10+54°/			324	57.08		℄ OPP BC RT
"			352	56.80		9°/ EDGE PVT
"			38	56.5		13°/ GUT
"			35	56.8		20°/ PL
10+57.69			324	57.08		℄ OPP PL PROD
"			360	56.72		11°/ EDGE PVT
"			39	56.4		13°/ GUT
"			34	56.9		20°/ PL
"			344	56.88	6°/ EDGE PVT	
"			40	56.3	10°/ GUT	
"			37	56.6	20°/ PL	
10+77.69			348	56.84		℄ INT 153 ST.
10+97.69			371	56.61		℄ OPP PL PROD
"			410	56.22		10°/ EDGE PVT
"			46	55.7		15°/ GUT

F.B. 1633 PG. 102
Job No. 1358 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of HAWTHORNE AVE Date ____ Date ____ No. ____
Survey by VAN DEREN Notes A.C.S. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. C. Johnson Date ____ Date ____ No. ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT. & WEST	℄ RT & EAST
		6032				
10+97.69			35	56.8		18°/TOP BRK
"			38	56.5		20°/℞
"			406	56.26	5.4 EDGE PVT	
"			44	55.9	10°/GUT	
"			40	56.3	20°/℞	
10+99.0			372	56.60		℄ OPP EC RT
"			410	56.22		10°/EDGE PVT
			45	55.8		14.5/GUT
"			35	56.8		17°/TOP BRK
"			37	56.6		20°/℞
11+00			373	56.59		℄
12+00			437	55.95		℄
"			457	55.75		9°/EDGE PVT
"			485	55.47		11°/GUT
"			42	56.1		20°/℞
"			464	55.68	5°/EDGE PVT	
"			47	55.6	8°/GUT	
"			45	55.8	20°/℞	
12+50			446	55.86		℄
"			460	55.72		9°/EDGE PVT

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of HAWTHORNE AVE
Survey by VAN DEREN Notes A.C.S. Date 5-2-50
Map No. ____ Indexed Johnson Date ____

F.B. 1633 PG. 103

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST	& RT. & EAST
		6032.				
12+50°			52	55.1.		14° GUT
"			44	55.9.		16° TOP BRK
"			40	56.3.		20° ℞
"			470	55.62	4S/EDGE PVT	
"			48	55.5.	8° GUT	
"			46	55.7.	20° ℞	
BM "NFT"			348	56.84	BM "NFT" ELEV 56.846 FB 1633 /11	
					MANSEL AVE & 153RD ST. S.E. COR.	
					LD & TK IN CONC WLK TO HO. #15300	

F.B. 1633 PG. 104

Profile No. ____ X-Sec. ____

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Date ____ Checked ____ Date ____ No. ____

Survey of HAWTHORNE AVE

Survey by VAN DEREN Notes A.C.S. Notes Chkd. ____ Date ____

Indexed C. Johnson Date ____

Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W. O. 1358 Tape No. Std. °F
Office Work	Surveyed by Van Deren
Checked	Notes Van Date 5-2-50
Date	Indexed R. C. Johnson

F. B. 1633 PG. 105

FEB 7 '51

C1-1358

TOPOGRAPHY ON FIRMONA AVE

FROM 156th ST-TO 153rd ST

HAWTHORNE AVE SEWER DIST

5-2-50

Van Deren
Stangeland
Blankenship
Kiertzner

PVT On Firmona Ave = 4" Premix

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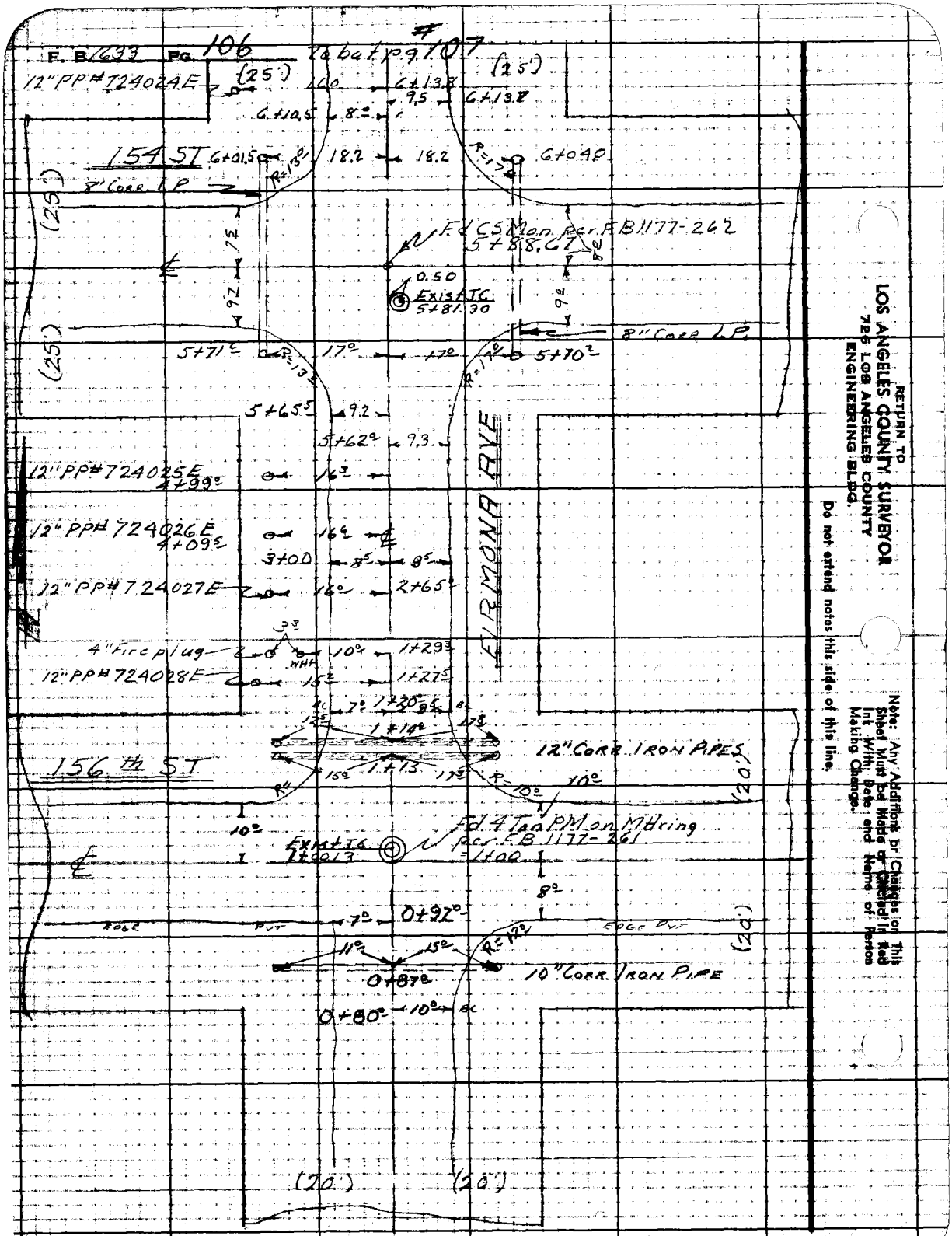
76F309S 247 10M 1-49



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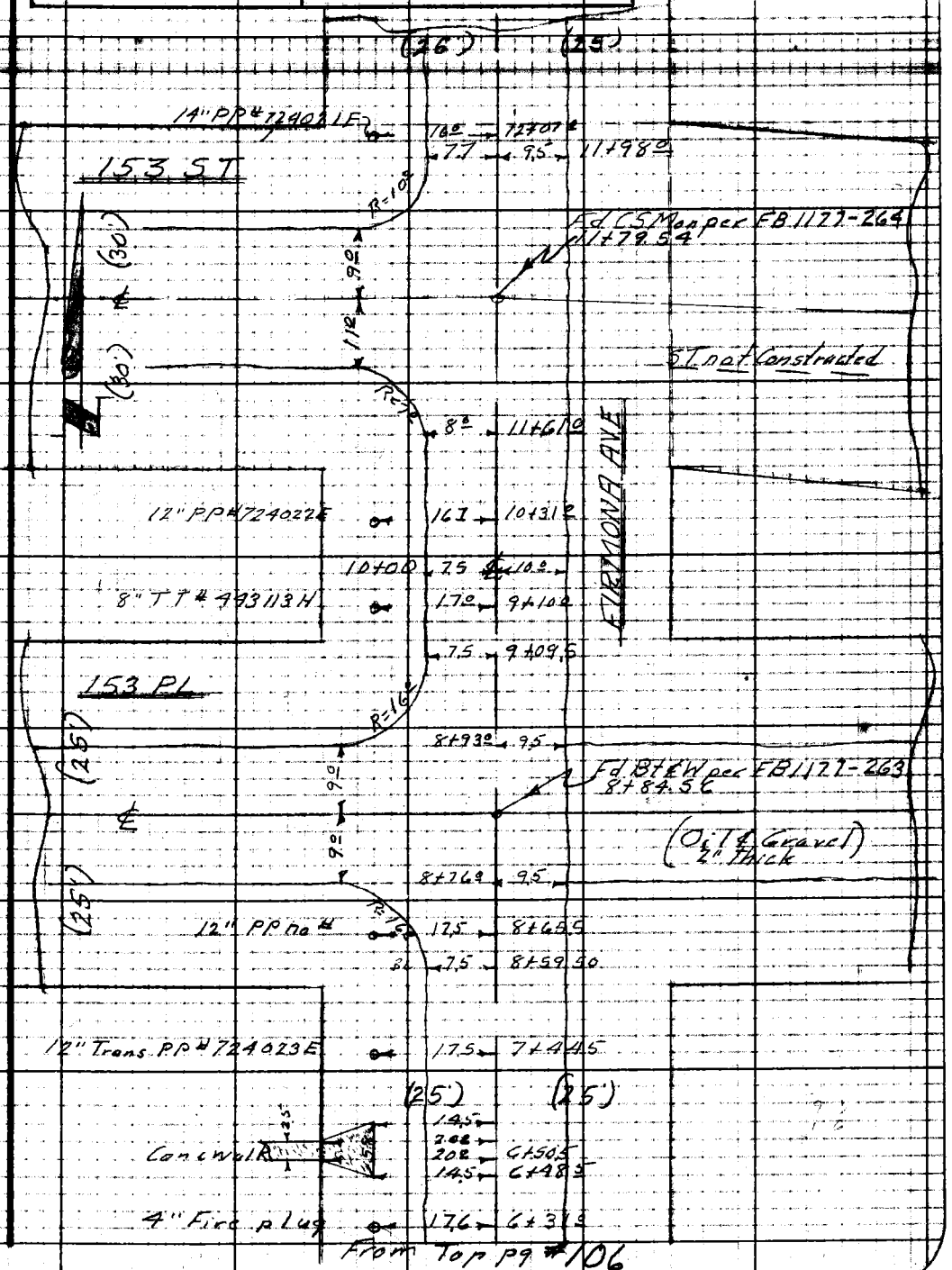
Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W. O. 1358 Tape No. Std.
Office Work	Surveyed by Van Doren
Checked	Notes Vap Date 5-2-50
Date	Indexed: C. Johnson

F. B. 1633 PG. 107



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ENGINEERING BLDG.

76F3093 247 10M 1-49

F. B. 1633 Pg. 108

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Profile No.	Notes Red.	Plotted	Job No. 1358	Division No.	F.B. 1633	PG. 109
	Date	Date	Survey of Hawthorne Ave			
X-Sec. No.	Notes Chkd. M.D.H.	Checked	Survey by Van Deren	Notes Van	Date 5-2-50	
	Date 5-5-50	Date	Map No.	Indexed S. C. Johnson	Date FEB 7 '51	

C1-1358

CROSS SECTIONS ON FIRMONA AVE

FROM 156 ST - TO 153 ST

HAWTHORNE AVE SEWER DIST

5-2-50

Van Deren
Stangeland
Blankenship
Siertzner

NOTE: BACK LOT LINE ELEV TO RT. & LFT. ARE HIGHER THAN OR NEAR LEVEL ℄ FIRMONA AVE.

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
N.F3	3 14	59.30		56.16	BMNF3 Elev= 56.160	FB 1633-8
					156 St ¢ Firmona Ave. N.W. Cor	
					X cut in top of Coller E. side of Fire plug	
1+00			460	54 70		℄ 156TH St.
	J.C. at 156 St ¢ Firmona Ave					
					Rod 4.60 Chain 9.92 Diam 1.50 16.02	
18" inlet W			16.02	43.28	Rod 4.60 Chain 9.95 Diam 0.67 15.22	
8" inlet S			15.22	44.08		Rod 4.60 Chain 9.66 Diam 0.67 14.93
8" inlet N			14.93	44.37		Rod 4.60 Chain 9.95 Diam 1.50 16.05
18" outlet E			16.05	43.25		
1+13			621	53.09		17 3/ Flow Line 12" Pipe
"			631	52.99	15 0/ Flow Line 12" Pipe	
1+14			637	52.93		17 8/ " " " "
"			622	53.08	12 5/ " " " "	
1+20			480	54.50		℄ opp EC2
"			498	54.32		9 5/ Edge Pvt
"			59	53.4		17 0/ Cut
"			52	54.1		20 0/ ℞

F.B. 1633 PG. 110
Job No. 1358 Division No. Notes Red. Plotted No. Profile
Survey of Hawthorne Ave Date 5-2-50 Date X-Sec.
Survey by Van Deren Notes Van Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		59 30				
1+20			510	54.20	7°/ EDGE PVT	
"			59	53.4	12°/ GUT	
"			44	54.9	20°/ PL	
2+00			455	54.75		℄
"			484	54.46		10°/ EDGE PVT
"			53	54.0		14°/ GUT
"			46	54.7		15°/ TOP BRK
"			49	54.4		20°/ PL
"			498	54.32	7°/ EDGE PVT	
"			54	53.9	11°/ GUT	
"			49	54.4	13° TOP BRK	
"			48	54.5	20°/ PL	
3+00			401	55.29		℄
"			427	55.03		9°/ EDGE PVT
"			46	54.7		14°/ GUT
"			42	55.1		15°/ TOP BRK
"			43	55.0		20°/ PL
"			426	55.04	8°/ EDGE PVT	
"			49	54.4	14°/ GUT	
"			42	55.1	16°/ TOP BRK	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____ F.B. 1633 PG. 111
Date ____ Date ____ Survey of HAWTHORNE AVE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by VAN DEREN Notes A.C.S. Date 5-2-50
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST	℄ RT & EAST
		59.30				
3+00			40	55.3	20°/R	
TP	651	61.81	400	55.30	TP	
4+00			612	55.69		℄
"			632	55.49		8 5/ EDGE PVT
"			65	55.3		13°/ GUT
"			61	55.7		16°/ TOP BRK
"			62	55.6		20°/ R
"			643	55.38	8 5/ EDGE PVT	
"			71	54.7	13°/ GUT	
"			66	55.2	15°/ TOP BRK	
"			65	55.3	20°/ R	
5+00			541	56.40		℄
"			574	56.07		8 3/ EDGE PVT
"			60	55.8		13°/ GUT
"			57	56.1		15°/ TOP BRK
"			57	56.1		20°/ R
"			570	56.11	8°/ EDGE PVT	
"			63	55.5	12°/ GUT	
"			54	56.4	20°/ R	
5+62			473	57.08		℄ OPP BC RT

F.B. 1633 PG. 112
Job No. 1358 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of HAWTHORNE AVE Date ____ Date ____ No. ____
Survey by VAN DEREN Notes A.C.S. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed E. C. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		61.81				
5+62.01			511	56.70		9.31 EDGE PVT
"			57	56.1		13.01 GUT
"			51	56.7		14.01 TOP BRK
"			50	56.8		20.01 PL
5+63.67			472	57.09		℄ OPP PL PROD
"			511	56.70		10.01 EDGE PVT
"			57	56.1		14.01 GUT
"			50	56.8		16.01 TOP BRK
"			50	56.8		20.01 PL
"			500	56.81	10.01 EDGE PVT	
"			56	56.2	14.01 GUT	
"			48	57.0	15.01 TOP BRK	
"			48	57.0	20.01 PL	
5+65.5			469	57.12		℄ OPP BC LEFT
"			499	56.82	10.01 EDGE	
"			55	56.3	15.01 GUT	
"			47	57.1	20.01 PL	
5+81.30	—		—		NOTE FOR INFO. ON J.C. HERE. SEE	
			—		X-SECTIONS ON 154TH ST.	
AL50			—		FOR INFO ON CORR 8"I.P. N&S. DRAINS	

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1358 Division No. ____ Survey of HAWTHORNE AVE

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by VAN DEREN Notes A.C.S. Date 5-2-50 Map No. ____ Indexed ____ Date ____ Johnson

F.B. 1633 PG. 113

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT. & WEST	℄ RT & EAST
		6181				
5+88.67			437	57.44		℄ INT
6+00			431	57.50		℄
6+10.51			438	57.43	OPP EC LFT.	℄
"			454	57.27	8°/EDGE PVT	
"			48	57.0	13°/GUT	
"			42	57.6	15°/TOP BRK	
"			40	57.8	25°/PL	
6+13.7			437	57.44		℄ OPP EC RT & PL PROD
"			486	56.95		9°/EDGE PVT
"			52	56.6		13°/GUT
"			43	57.5		18°/TOP BRK
"			46	57.2		25°/PL
"			461	57.20	8°/EDGE PVT	
"			48	57.0	13°/GUT	
"			38	58.0	17°/TOP BRK	
"			40	57.8	25°/PL	
7+00			361	58.20		℄
"			392	57.89		9°/EDGE PVT
"			49	56.9		11°/GUT
"			41	57.7		14°/TOP BRK

F.B. 1633 PG. 114
Job No. 1358 Division No. ____ Notes Red. ____ Plotted ____ No. ____ Profile
Survey of HAWTHORNE AVE Date ____ Date ____ X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. ____ Checked ____ No. ____
Indexed E. C. Johnson Date ____ Date ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST ℄	RT & EAST
		61 8 Hr				
7+00			40	57.8		25°/ PL
"			377	58.04	9 5/ EDGE PVT	
"			39	57.9	11°/ GUT	
"			33	58.5	25°/ PL	
TP	543	63.72	352	58.29	TP	
8+00			485	58.87		℄
"			547	58.25		10 5/ EDGE PVT
"			66	57.1		15°/ GUT
"			58	57.9		16°/ TOP BRK
"			51	58.6		21°/ TOP "
"			52	58.5		25°/ PL
"			515	58.57	8°/ EDGE PVT	
"			60	57.7	13°/ GUT	
"			53	58.4	14°/ TOP BRK.	
"			46	59.1	19°/ TOP "	
"			46	59.1	25°/ PL	
8+59.56			459	59.13		℄ OPP BC LFT, PL PROD
"			523	58.49		9 5/ EDGE PVT
"			60	57.7		15°/ GUT
"			46	59.1		21°/ TOP BRK

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1358 Division No. ____ Survey of HAWTHORNE AVE

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by VAN DEREN Notes A.C.S. Date 5-2-50

Map No. ____ Date ____ Checked Johnson Date ____

F.B. 1633 PG. 113

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F.B. 1633 PG. 116 Job No. 1358 Division No. Notes Red. Plotted Profile No.
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes Chkd. Checked
Indexed E. C. Johnson Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Left of West	℄	Rt of East
		63 72					
8+59 56			490	58 82	75/EDGE PVT		
"			57	58.0	13°/GUT		
"			51	58.6	14°/TOP BRK		
"			41	59.6	20° " "		
"			44	59.3	25°/℞		
8+84 56			460	59.12		℄	INT 153RD PL.
9+00			461	59.11		℄	
9+09 56			463	59.09		℄	OPP E. CLEF RR PROD
"			506	58.66			9/EDGE PVT
"			61	57.6			16°/GUT
"			54	58.3			17°/TOP BRK
"			48	58.9			22°/TOP BRK
"			47	59.0			25°/℞
"			491	58.81	75/EDGE PVT		
"			56	58.1	13°/GUT		
"			49	58.8	14°/TOP BRK		
"			46	59.1	25°/℞		
10+00			484	58.88		℄	
"			527	58.45			10°/EDGE PVT
"			63	57.4			15°/GUT

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST	℄ RT & EAST
		63.72				
10+00			55	58.2		16°/ TOP BRK
"			48	58.9		21°/ TOP BRK
"			49	58.8		25°/ ℞
"			511	58.61	7°/ EDGE PVT	
"			60	57.7	13°/ GUT	
"			53	58.4	14°/ TOP BRK	
"			51	58.6	25°/ ℞	
11+00			517	58.55		℄
"			552	58.20		10°/ EDGE PVT
"			64	57.3		15°/ GUT
"			52	58.5		18°/ TOP BRK
"			53	58.4		25°/ ℞
"			542	58.30	7°/ EDGE PVT	
"			60	57.7	13°/ GUT	
"			53	58.4	15°/ TOP BRK	
"			50	58.7	25°/ ℞	
11+49			527	58.45		℄ OFF ℞ PROP
"			551	58.21		7°/ EDGE PVT
"			61	57.6		13°/ GUT
"			53	58.4		15°/ TOP BRK

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1358 Division No. ____ Survey of ____

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

F.B. 1633 PG. 117

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST	& RT & EAST
		63 72				
11+49 54			51	58.6	25°/ AR	
11+61 51			524	58.48		℄ OPP BC LFT
"			553	58.19	8°/ EDGE PVT	
"			576	57.96	14°/ GUT	
"			50	58.7	15°/ TOP BRK	
"			52	58.5	25°/ AR	
11+79 54			515	58.57		℄ INT 153RD ST.
11+98 01			504	58.68		℄ OPP EC LFT
"			528	58.44	7 7/ EDGE PVT	
"			56	58.1	12°/ GUT	
"			47	59.0	13°/ TOP BRK	
"			51	58.6	25°/ AR	
12+00 00			504	58.68		℄
12+09 54			501	58.71		℄ OPP EC LFT
"			549	58.23		10°/
"			61	57.6		14°/
"			5.5	58.2		15°/ TOP BRK
"			5.4	58.3		25°/ AR
"			5.32	58.40	7 7/ EDGE PVT	
"			5.9	57.8	14°/ GUT	

F.B. 7633 PG. 118
Job No. 1358 Division No. Notes Red. Plotted No. Profile
Survey of HAWTHORNE AVE Date Date X-Sec.
Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	LFT. & WEST ℄ RT & EAST
		63.72			
12+09.54			5.0	58.7	15°/ TOP BRK
"			47	59.0	20°/ " "
"			51	58.6	25°/ ℞
BM "NF5"			759	56.13	BM "NF5" ELEV 56.122 FB 1633/9
					154TH ST & FIRMONA AVE @ ℄ INT
					C.S. BR. CAP MON 12" DP IN CASING WITH C.I. COVER

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Job No. 1633 Division No. ____ Survey of HAWTHORNE AVE

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Survey by VAN DEREN Notes A.C.S. Date 5-2-50

Map No. ____ Indexed E. Johnson Date ____

F.B. 1633 PG. 179

F.B. 7633 PG. 120 Job No. 1358 Division No. _____ Notes Red. _____ Plotted _____ Profile No. _____

Survey of HAWTHORNE AVE Date _____ Date _____

Survey by VAN DEREN Notes A.C.S. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L298 307 5-49

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Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W.O. [illegible] Tape No. Std. °F
Office Work	Surveyed by Van Deren
Checked	Notes Van Date 5-3-50
Date	Indexed C. Johnson

F. B. 1633 PG. 121

FEB 7 '51

CI-1358

TOPOGRAPHY ON CONDON AVE

FROM 250'± SOUTH OF 154 ST - TO 153 ST

HAWTHORNE AVE SEWER DIST

5-3-50

Van Deren
Stangeland
Blankenship
Kiertzner

NOTE: PVT. ON CONDON AVE
= 3" PREMIX

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

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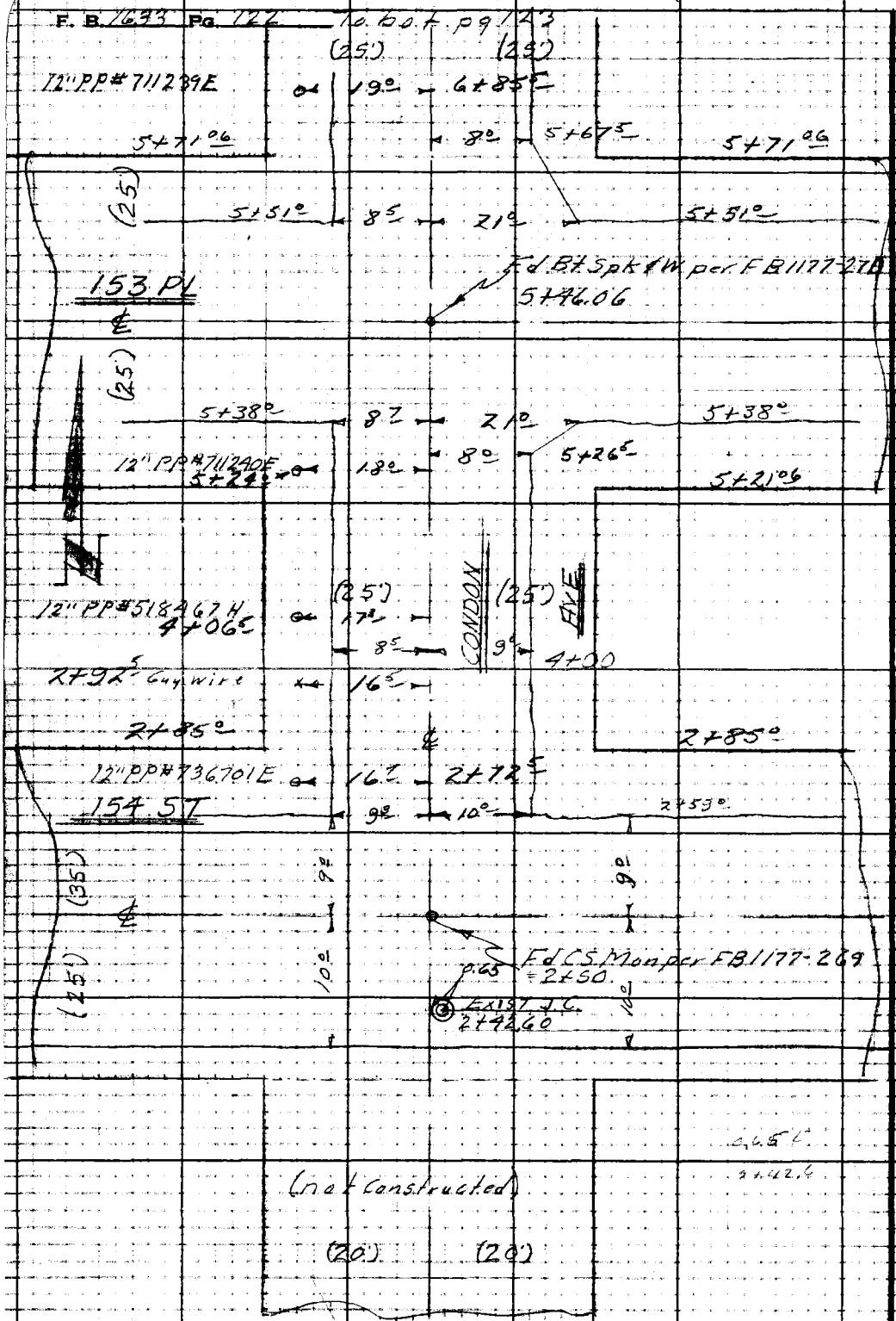
76F309S 247 10M 1-49



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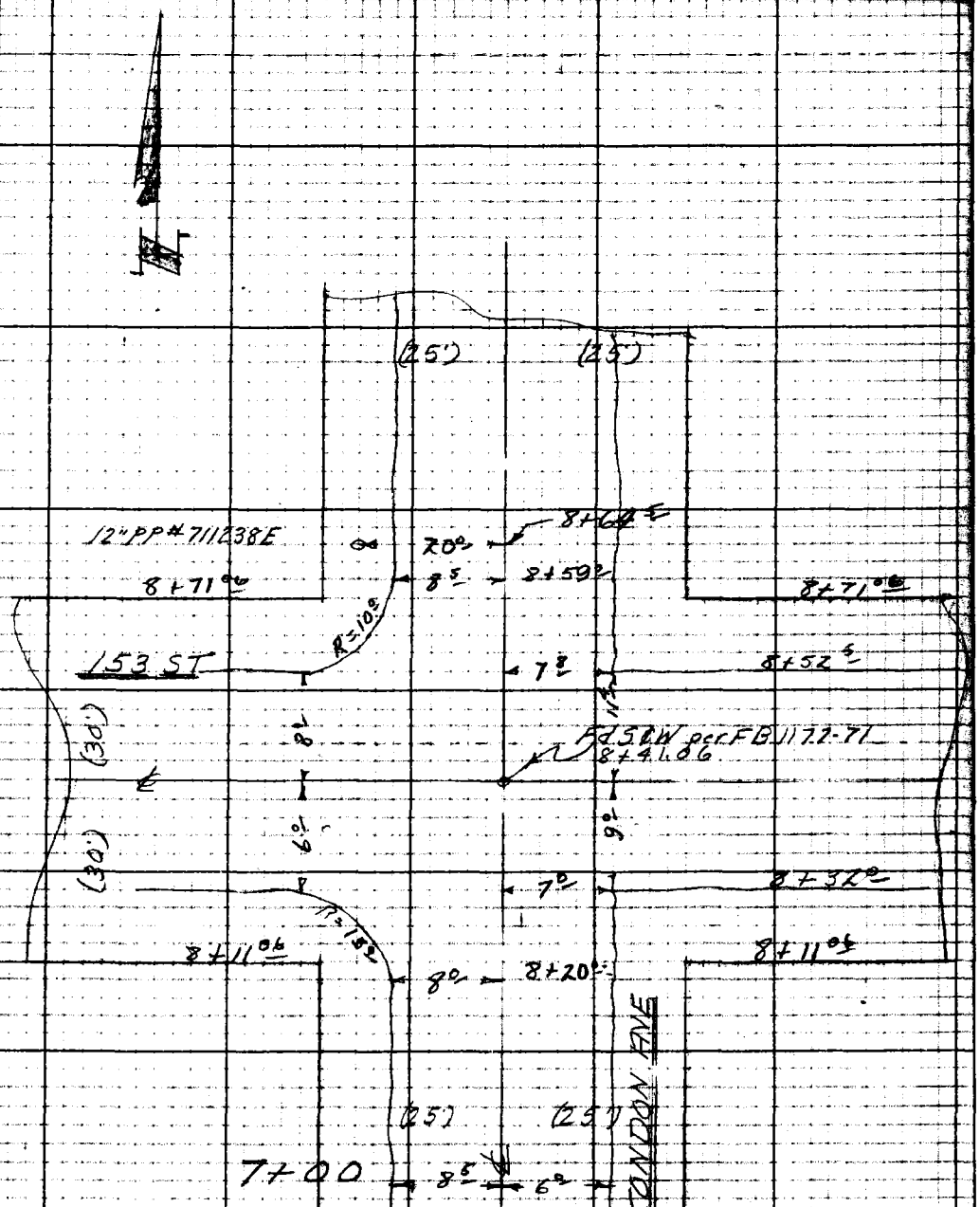
Notes Ck'd by	Survey of Hawthorne Ave
Map No.	W.O./S.O. Page No. Std.
Office Work	Surveyed by Van Deren
Checked	Notes Van Date
Date	Indexed O. Johnson

F. B. 1633 Pg. 123



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725 LOS ANGELES COUNTY
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767-3085 247 10M 1-49

F. B. 1633 Pg. 124

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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	Notes Red.	Plotted	Job No. 1358	Division No.	F.B. 1633	PG. 125
No.	Date	Date	Survey of Hawthorne Ave			
X-Sec.	Notes Chkd H.D.H.	Checked	Survey by Van Deren	Notes Van	Date 5-3-50	
No.	Date 5-5-50	Date	Map No.	Indexed Johnson	Date FEB 7 '51	

C1-1358

CROSS SECTIONS ON CONDON AVE

FROM 250' SOUTH OF 154 ST TO 153 ST

HAWTHORNE AVE SEWER DIST

5-3-50
Van Deren
Stangeland
Blankenship
Kiertzner

NOTE: GROUND TO RT & LEFT IS LEVEL WITH ℄ CONDON UNLESS OTHERWISE SHOWN.

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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76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ W	℄ RT ℄ E
NF 4	711	63.11		56.00	BMNF4 Elev = 55.999	FB 1633-9
					154 St ℄ Condon Ave. at ℄ int	
					C.S. Br cp Mon 12" dp in casing with Cl. cover	
0+00			76	55.5.		℄ PROD
"			74	55.7.		20°/℞
"			75	55.6.	20°/℞	
1+00			73	55.8.		℄ PROD
"			78	55.3.		20°/℞
"			69	56.2.	20°/℞	
2+00			67	56.4.		℄ PROD
"			63	56.8.		20°/℞
"			66	56.5.	20°/℞	
2+25.0			59	57.2		℄ PROD
"			59	57.2		20°/℞
"			61	57.0.	20°/℞	
2+40.0			636	56.75.		℄ EDGE PVT CROSS
2+42.6			—		NOTE: FOR ELEV. ON J.C. HERE SEE X-SECTIONS 154TH ST.	
2+50.00			579	57.32		℄ INT 154TH ST
2+59			610	57.01.		℄ BRK
2+64.0			640	56.71.		℄ CROSS GUT

F.B. 163 PG. 126
Job No. 1358 Division No. ____ Notes Red. ____ Plotted ____ No. ____ Profile
Survey of Hawthorne Ave Date ____ Date ____ X-Sec.
Survey by Van Deren Notes Van Notes Chkd. ____ Checked ____ No. ____
Indexed A. C. Johnson Date ____ Date ____

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LT & W	℄ RT & E
		63.11.				
2+85°			570	57.41		℄ OPP PL @ TOP BRK
"			628	56.83		8⁵/EDGE PVT
"			66	56.5		13°/GUT
"			58	57.3		25°/PL
"			612	56.99	9°/EDGE PVT	
"			6.6	56.5	13°/GUT	
"			61	57.0	25°/PL	
3+00			571	57.40		℄
4+00			500	58.11		℄
"			557	57.54		9°/EDGE PVT
"			62	56.9		14°/GUT
"			55	57.6		15°/TOP BRK
"			47	58.4		25°/PL
"			526	57.85	8⁵/EDGE PVT	
"			59	57.2	14°/GUT	
"			53	57.8	15°/TOP BRK	
"			53	57.8	25°/PL	
5+00			465	58.46		℄
"			512	57.99		8⁵/EDGE PVT
"			56	57.5		13°/GUT

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Job No. 1358 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Survey of Hawthorne Ave
Survey by Van Deren Notes Van Date 5-3-50
Map No. ____ Indexed ____ Date ____ Date ____

F.B. 1633 PG. 127

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ WEST	℄ RT ℄ EAST
		63 11.				
5+00			50	58 1.		15°/TOP BRK
"			3.6	59.5.		25°/℞
"			4 93	58 18.	8 5/EDGE PVT	
"			55	57.6.	13°/GUT	
"			48	58.3.	15°/TOP BRK	
"			46	58.5.	25°/℞	
5+21 06			4 64	58.47.		℄ OPP ℞
"			5 10	58.01.		8 5/EDGE PVT
"			54	57.7.		12°/GUT
"			4.8	58.3.		14°/BRK
"			3.5	59.6.		25°/℞
"			4.88	58.23.	8 7/EDGE PVT	
"			55	57.6.	14°/GUT	
"			50	58.1.	15°/BRK	
"			45	58.6.	25°/℞	
5+41 06			4 67	58.44.		℄ INT 153RD PLACE
5+71 06			4 98	58.13.		℄ OPP ℞
"			5 28	57.83.		℄
"			57	57.4.		13°/GUT
"			52	57.9.		25°/℞

F.B. 1633 PG. 128
Job No. 1358 Division No.
Survey of Hawthorne Ave
Survey by Van Deren Notes Van
Indexed A. C. Johnson Date
Notes Red. Date 3-4-50
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LFT & WEST ℄	RT & EAST
		63.11.				
5+71.06			518	57.93	8 S/ EDGE PVT	
"			567	57.44	14°/ GUT	
"			55	57.6	25°/ ℞	
"			49	58.2	100°/ GRND	
6+00			534	57.77		℄
"			571	57.40		6 S/ EDGE PVT
"			62	56.9		12°/ GUT
"			56	57.5		13°/ TOP BRK
"			55	57.6		25°/ ℞
"			558	57.53	9°/ EDGE PVT	
"			64	56.7	14°/ GUT	
"			59	57.2	25°/ ℞	
TP	437	62.04	544	57.67	TP	
6+88.0			477	57.27		℄ OPP TOP BRK RT
"			511	56.93		6°/ EDGE PVT
"			62	55.8		11°/ GUT
"			62	55.8		25°/ ℞
"			55	56.5		50°/ GRND
"			57	56.3		70°/ BRK
			52	56.8		100°/ GRND

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 3558 Division No. ____ F.B. 1633 Pg. 129
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of HAWTHORNE AVE
Survey by VAN DEREN Notes A.C.S. Date 5-3-50
Map No. ____ Date ____ Indexed Johnson Date ____

76L298 307 5-49

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ WEST	℄	RT ℄ EAST
		62.04					
6+96			481	57.23		℄	OPP BOT BRK RT.
"			517	56.87			6' EDGE PVT
"			64	55.6			11' GUT
"			66	55.4			18' BOT BRK
"			70	55.0			25' ℞
"			70	55.0			50' GRND
"			72	54.8			83' BOT BRK
"			65	55.5			100' GRND
"			505	56.99	8' EDGE PVT		
"			59	56.1	13' GRND		
"			65	55.5	25' ℞		
"			75	54.5	50' GRND		
"			70	55.0	100' GRND		
"			57	56.3	150' GRND		
7+00			483	57.21		℄	
7+50			495	58.09		℄	
"			550	56.54			7' EDGE PVT
"			64	55.6			11' GUT
"			58	56.2			12' TOP BRK
"			59	56.1			25' ℞

F.B. 1633 PG. 130

Job No. 1358 Division No. Notes Red. Plotted No. Profile

Survey of HAWTHORNE Date Date X-Sec.

Survey by VAN DEREN Notes A.C.S. AVE Notes Chkd. Checked No.

Indexed A. C. Johnson Date Date

76L298 307 5-49

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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.	LEFT & WEST ℄	RT & EAST
		62.04				
7+50			63	557.		50% GRND
"			70	550.		75% TOP BRK.
"			77	543.		81% BOT BRK
"			78	542.		92% BOT BRK
"			73	547.		100% GRND
"			531	567.3	7% EDGE PVT	
"			65	555.	12% BOT BRK	
"			74	546.	25% ℄	
"			80	540.	48% BOT BRK	
"			80	540.	65% GRND	
"			77	543.	100% GRND	
"			60	560	150% GRND	
8+00			499	570.5	℄	
"			543	566.1		7% EDGE PVT
"			63	557.		11% CUT
"			57	563.		12% TOP BRK.
"			61	559.		25% ℄
"			65	555.		50% GRND.
"			72	548.		100% GRND
"			538	566.6	8% EDGE PVT	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1358 Division No. ____
Date ____ Date ____ Survey of HAWTHORNE AVE
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by VAN DEREN Notes A.C.S. Date 5-3-50
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1283 PG. 131

76L298 307 5-49

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F.B. 7633 PG. 132 | Job No. 1358 | Division No. | Notes Red. | Plotted | Profile No.

Survey of HAWTHORNE AVE. A.C.S. | Notes Chkd. | Checked | X-Sec. No.

Survey by VAN DEREN | Notes | Date | Date | Date

Indexed R. C. Johnson | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LT of WEST	℄ RT of EAST
		62.04				
8+00			6.5	555.	12% GUT	
"			70	550.	2.5% ℞	
"			80	540.	5.3% BOT BRK	
"			78	542.	7.5% GRND	
"			74	546.	100% GRND	
"			51	569.	150% GRND	
8+11.06			488	5716		℄ OPP ℞
"			524	5680		7% EDGE PVT
"			61	559.		11% GUT
"			54	566.		13% TOP BRK
"			56	564.		25% ℞
"			55	565.		50% GRND
"			62	558.		120% GRND
"			526	5678	8% EDGE PVT	
"			63	557.	13% GUT	
"			65	555.	25% ℞	
"			70	550.	53% BOT BRK	
"			61	559.	100% GRND	
"			43	577.	150% GRND	
8+41.06			458	5746		℄ INT 153RD ST.

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT ℄ WEST ℄	RT ℄ EAST
		62.04				
8+41.06			483	57.21		7% TOP BRK
"			518	56.86		11% CROSS GUT
"			470	5734		25% ℞ PROD
"			494	57.10		50% PVT
"			507	56.97		80% PVT
"			474	5730	8% TOP BRK	
"			544	5660	17% CROSS GUT	
"			505	5699	25% ℞ PROD	
"			457	5747	34% TOP BRK	
"			442	5762	50% PVT	
"			376	5828	100% PVT	
8+71.06			449	5755		℄ OPP ℞ PROD
"			480	5724		7% EDGE PVT
"			55	56.5		11% GUT
"			50	57.0		13% TOP BRK
"			53	56.7		25% ℞
			471	5733	8% EDGE PVT	
			54	566	14% GUT	
			47	573	15% TOP BRK	
			46	57.4	20% TOP BRK	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1353 Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of HAUTHORNE AVE
Survey by KAY PERRY Notes A.C.S. Date 5-5-50
Map No. ____ Traced Johnson Date ____

F.B. 1633 PG. 133

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & WEST & RT & EAST
		62 04			
8+71.06			50	57.0	25°/R
TP	608	63.73	.439	57.65	TP
TP	493	65.76	.290	60.83	TP
TP	374	64.26	.524	60.52	TP
TP	443	63.46	.523	59.03	TP
BM "N107"			371	59.75	BM "N107" ELEV 59.759 FB1241/8
					COMPTON BLVD & MANSEL AVE. S.E. COR
					X CUT IN TOP OF COLLAR E. SIDE FIRE PLUG

F.B. 1633 PG. 134

Job No. 1353 Division No. Notes Red. Plotted Profile No.

Survey of HAWTHORNE AVE Date Date X-Sec.

Survey by VAN DEREN Notes A.C.S. Notes Chkd. Checked

Indexed E. C. Johnson Date Date No.

Notes Ck'd by: [illegible]	Survey of: Osage Ave
Map No.	W. O. [illegible]
Office Work	Surveyed by: M.H. VanDeren
Checked	Notes: [illegible] Date: 10-2-50
Date	Indexed: E. C. Johnson

F. B. 1633 Pg. 141

FEB 7 '51

JN 8351-CI-1402

CENTER LINE SURVEY OF OSAGE AVE

SEWER DIST

CI-1402

10-2-50
VanDeren
Strangeland
Blankenship
Brooks

Notice: Any Additions or Changes of This Sheet Must be Made or Placed in Red Ink with Date and Name of Person Making Change.

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

767305 247 10M-49

F. B. 4133 Pg. 174

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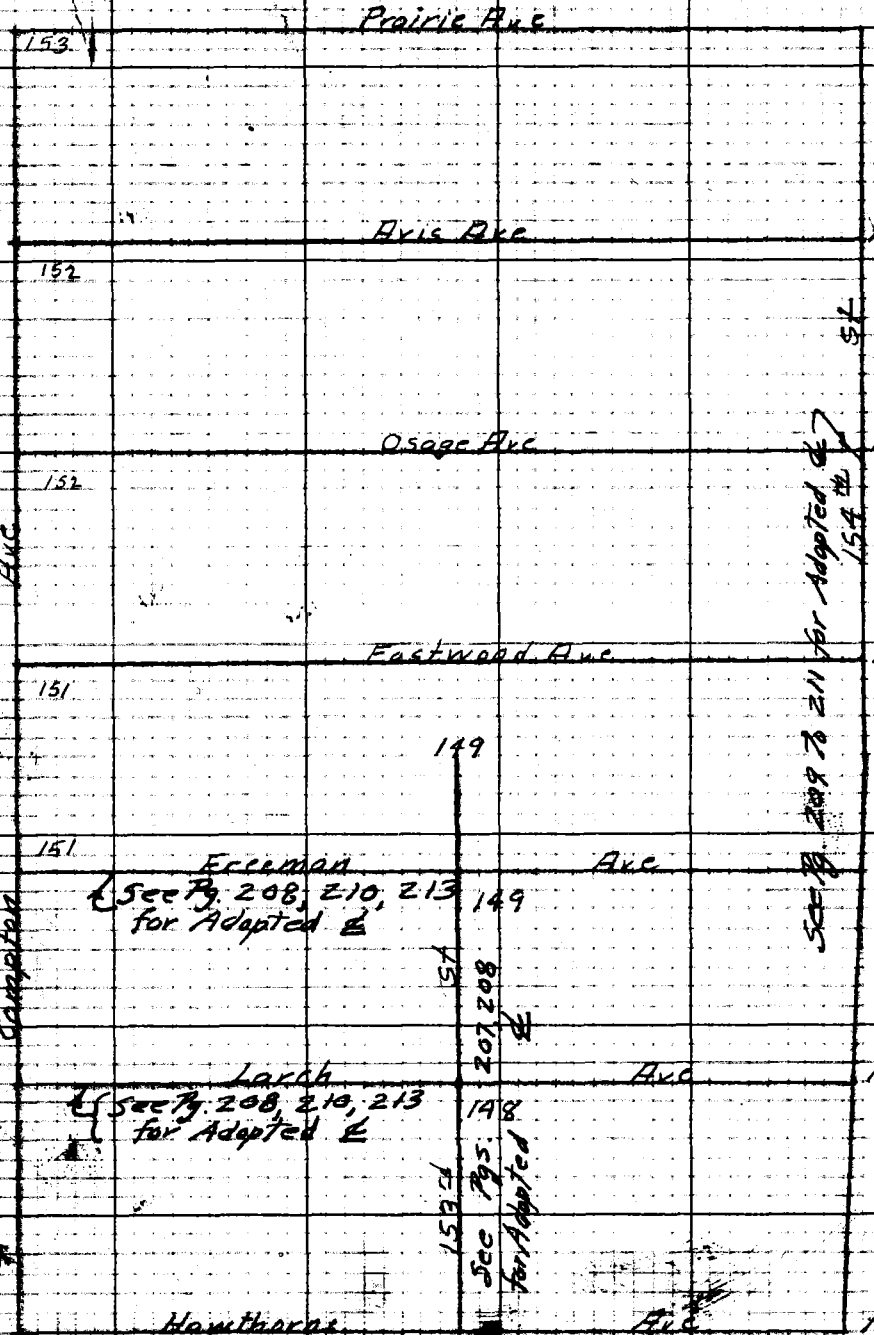


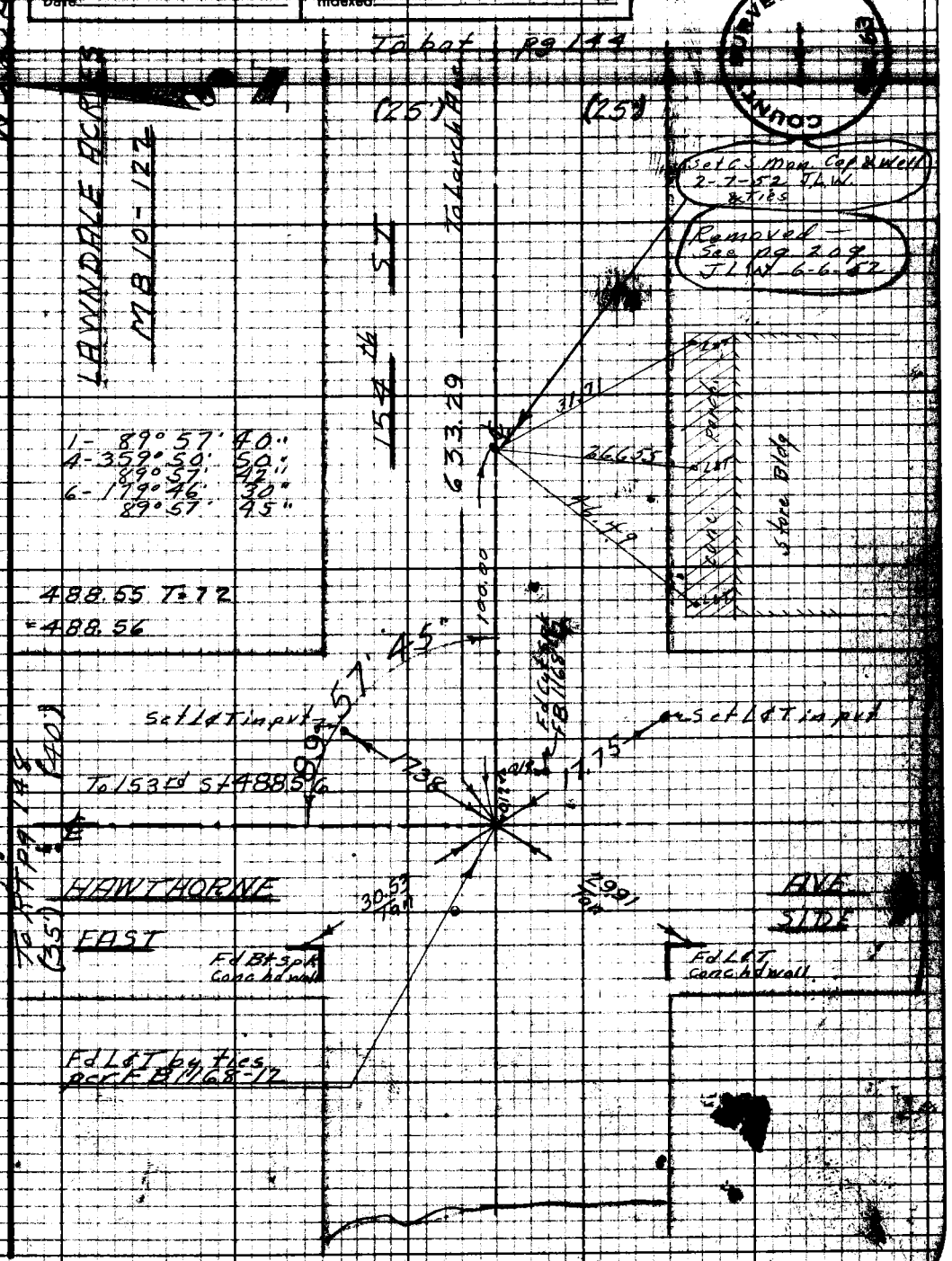
RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by: aar	Survey of: Osage Ave
Map No.	W. O. [illegible]
Office Work	Surveyed by: M.A. Van Deren
Checked	Notes [illegible] Date [illegible]
Date	Indexed: C. Johnson

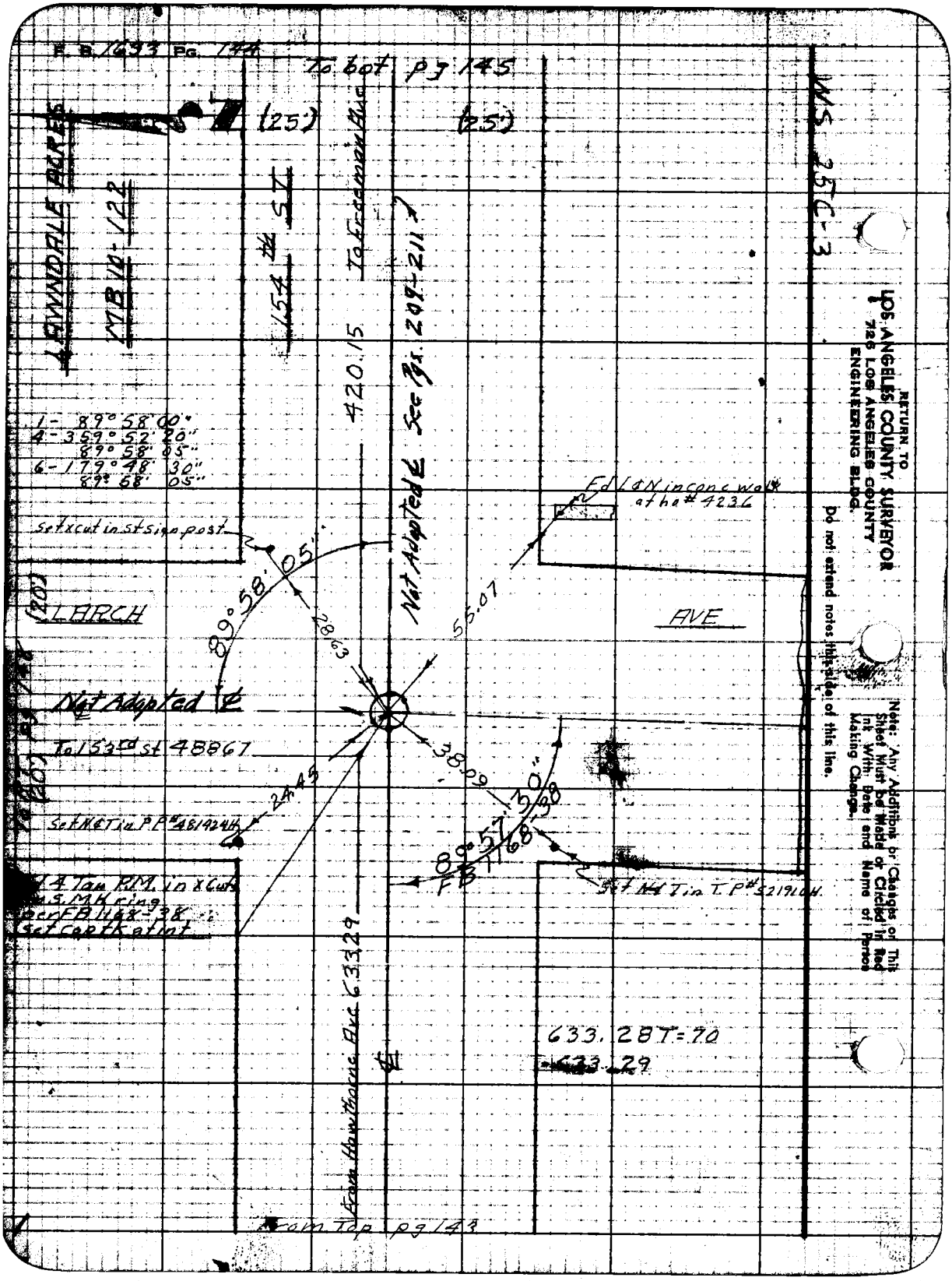
F. B. 1693 Pg. 143



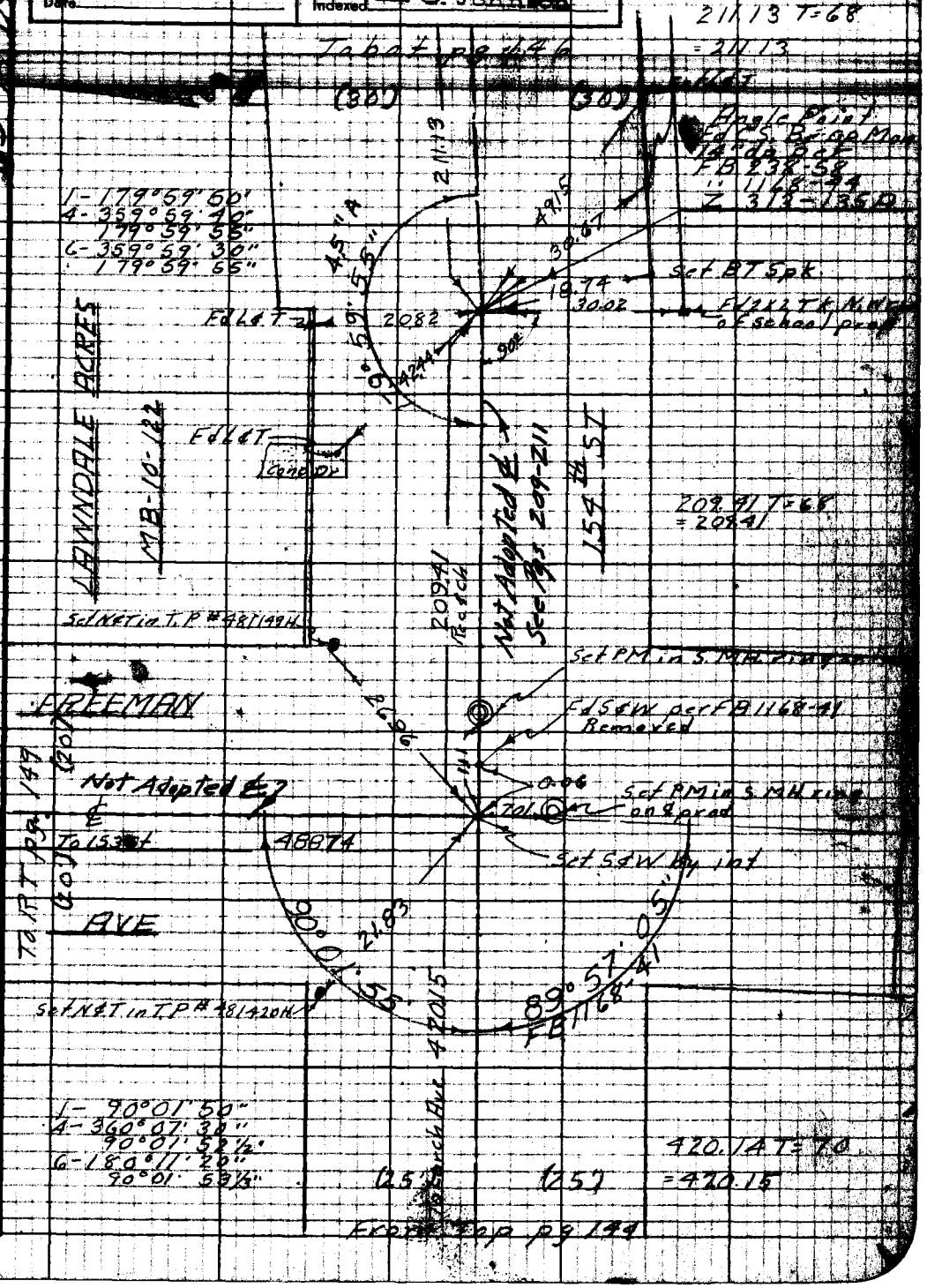
Note: Any Additions or Changes of This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

RETURN TO [illegible] LOS ANGELES COUNTY SURVEYOR 726 LOS ANGELES [illegible] ENGINEERING B[illegible] not extend notes this side of this line.

76F3098 247 10M 1-49


F. B. 1693 Pg. 144
To bot pg 145
(25')
(25')
LAWNDALE ACRES
MB 10-122
154th ST
To Freeman Ave
420.15
Not Adapted ℄ See Pgs. 209-211
WS 25C-3
1- 89° 58' 00"
4- 359° 52' 20"
89° 58' 05"
6- 179° 48' 30"
89° 58' 05"
Set x cut in st sign post
Fd L&N in conc walk at ha# 4236
89° 58' 05"
28.63
55.07
LARCH
AVE
Not Adapted ℄
To 153rd st 48867
38.09
24.45
Set N&T in P.P.# 481924H
89° 57' 30"
FB 1168-38
Set N&T in T.P.# 521910H
4 Tan P.M. in x Cut
S.M.H. ring
per FB 1168-38
Set cap tk at int
From Hawthorne Ave 633.29
633.28T=70
633.29
From Top pg 143
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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 aur	Survey of Osage Ave	F. B. 1633 Pg. 145
Map No.	W. O. Tape No.	
Office Work	Surveyed by M.A. Van Deren	
Checked	Notes	Date
Date	Indexed C. Johnson	

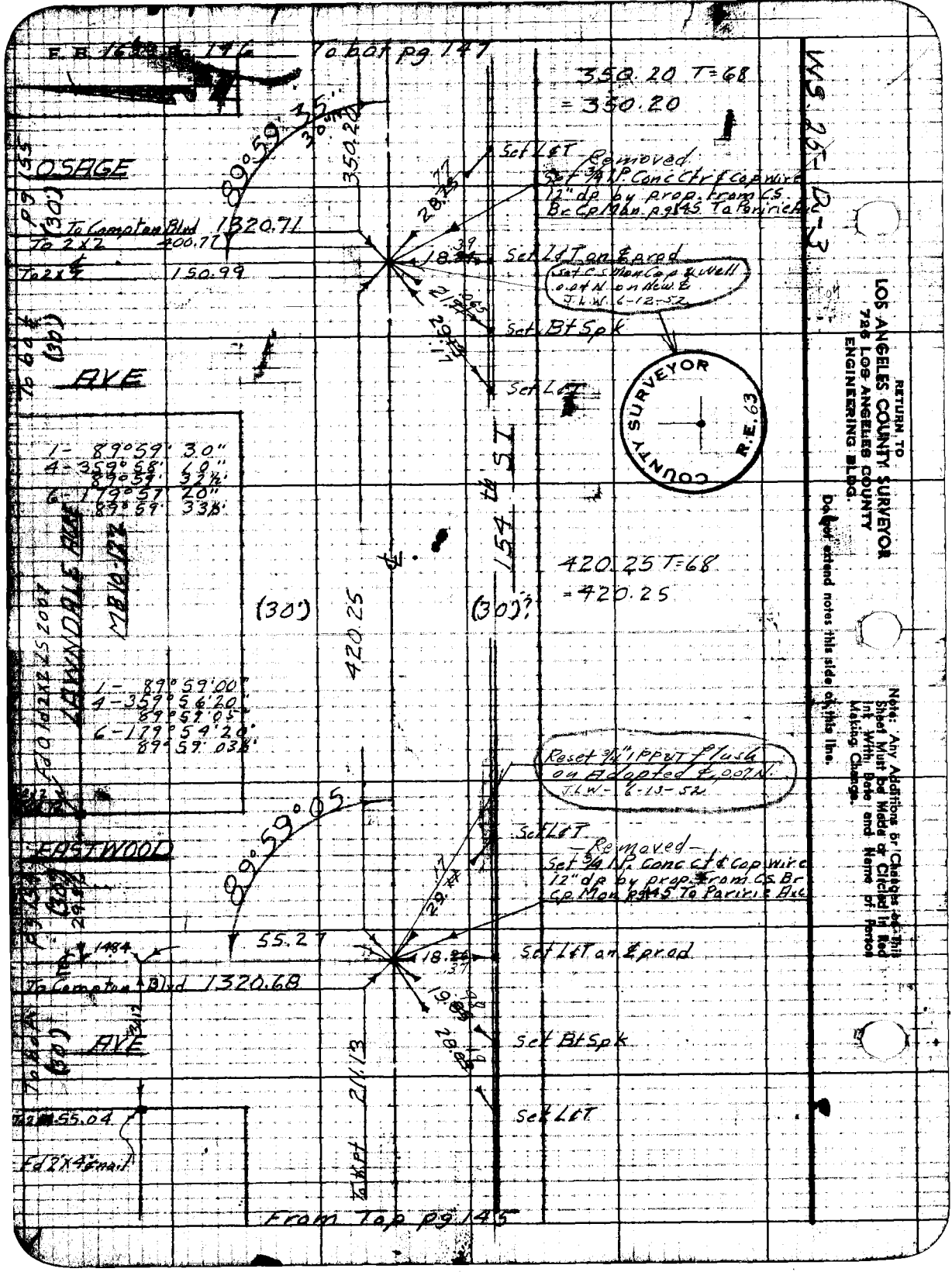


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

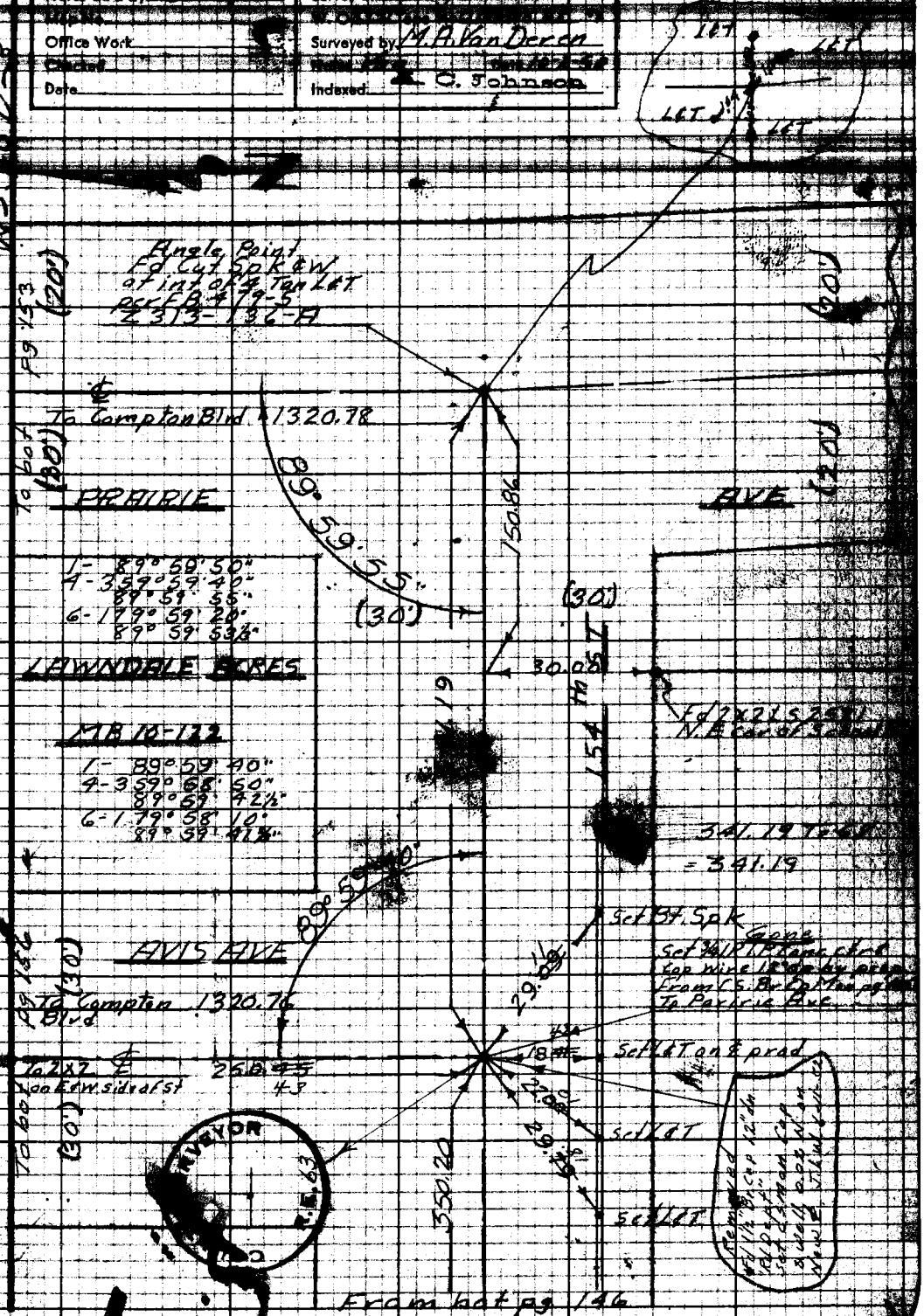
76F3095 247 10M 1-49



To bot pg 147
350.20 T=68
=350.20
OSAGE
To Compton Blvd 1320.71
To 2x2 400.77
To 2x2 150.99
Set L&T
Removed
Set 3/4 I.P. Conc Ctr & Cap wire
12" dp by prop. from C.S. Br Cp Man pg 145 To Pariri Ave
Set L&T on ℄ prod
Set C.S. Man Cap & Well
0.04 N. on New ℄
J.L.W. 6-12-52
Set Bt Spk
Set L&T
AVE
1- 89°59' 30"
4- 359°58' 10"
89°59' 32½"
6- 179°57' 20"
89°59' 33½"
LAWNDALE AVE
154th ST
420.25 T=68
=420.25
(30')
(30')?
420.25
1- 89°59'00"
4- 359°56'20"
89°59'05"
6- 179°54'20"
89°59'03½"
Reset 3/4" I.P. & T flush
on Adopted ℄, 0.07 N.
J.L.W. 6-13-52
EASTWOOD
Set L&T
Removed
Set 3/4 I.P. Conc Ct & Cap wire
12" dp by prop. from C.S. Br Cp Man pg 145 To Pariri Ave
55.27
Set L&T on ℄ prod
To Compton Blvd 1320.68
AVE
Set Bt Spk
Set L&T
To bot 211.13
To 2x2 55.04
Fd 2x4 & nail
From Top pg 145
COUNTY SURVEYOR R.E. 63
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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 aur	Survey of Osage Ave
Map No.	W. O. [illegible]
Office Work	Surveyed by M.A. Van Deren
Checked	Notes [illegible] Date [illegible]
Date	Indexed C. Johnson

F. B. 1633 PG. 147

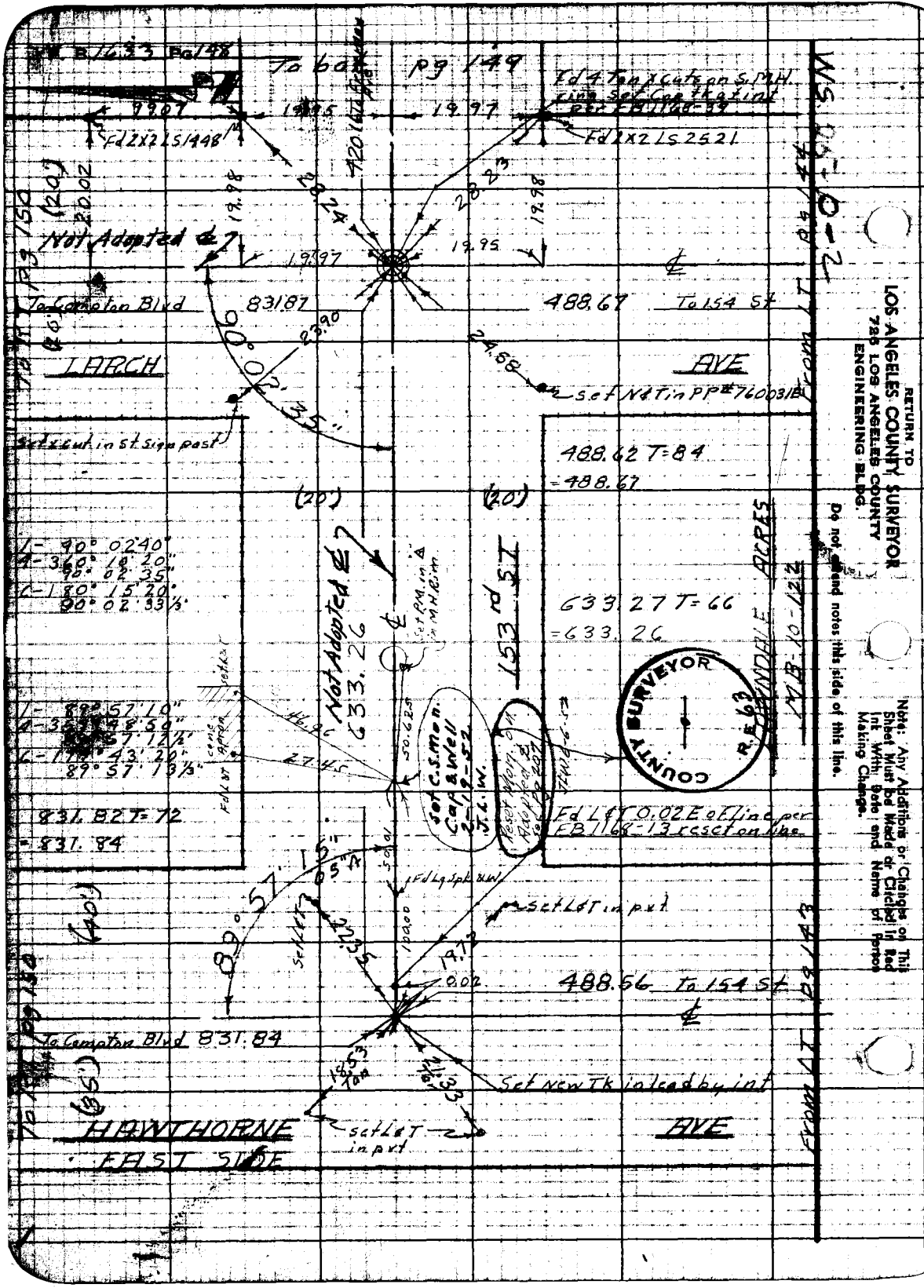


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3098 247 10M 1-48



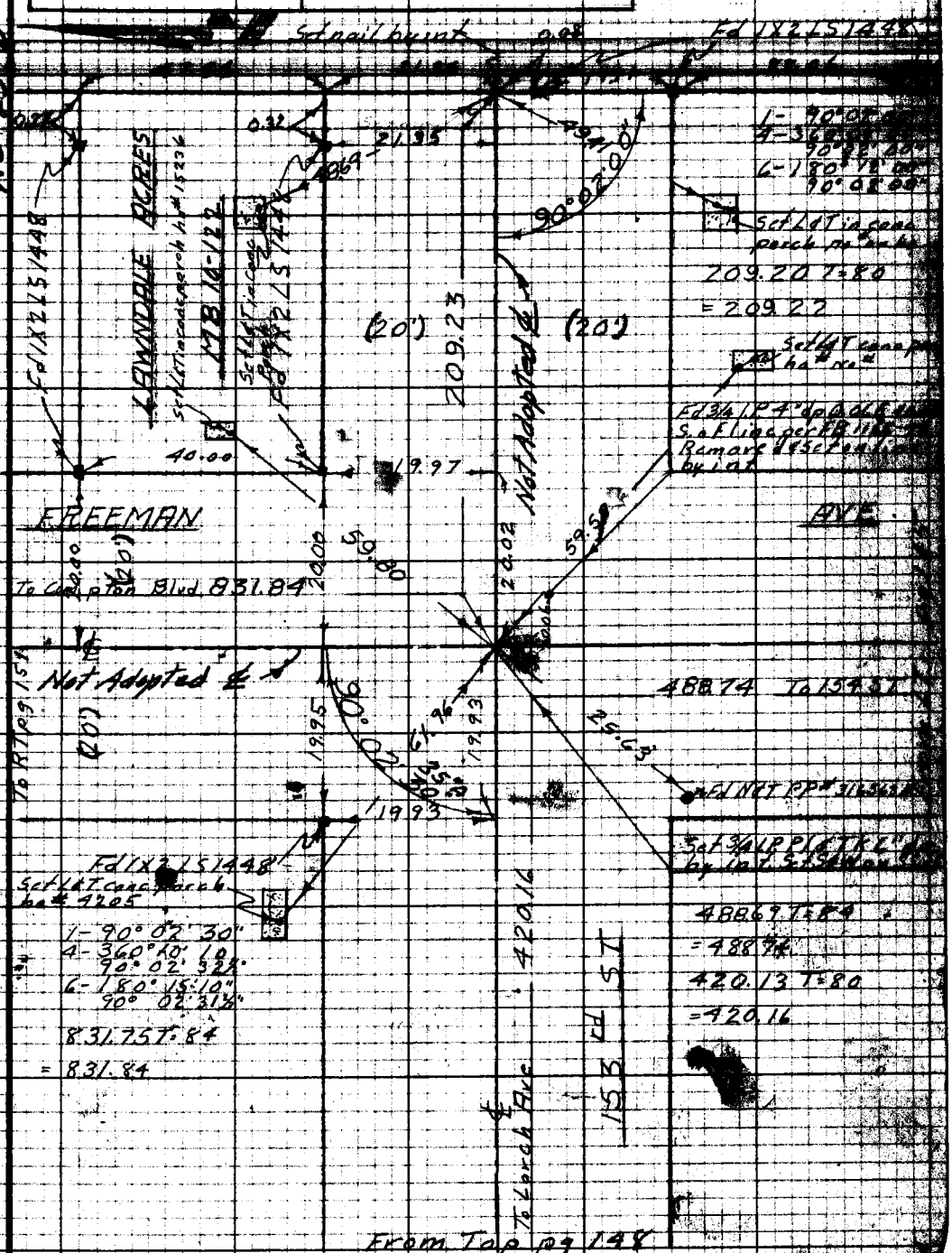
RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not amend 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: aur	Survey of: Osage Ave
Map No.	[illegible]
Office Work	Surveyed by: M. A. Van Deren
Checked	Notes: [illegible]
Date	Indexed: [illegible] C. Johnson

F. B. 1633 PG. 149

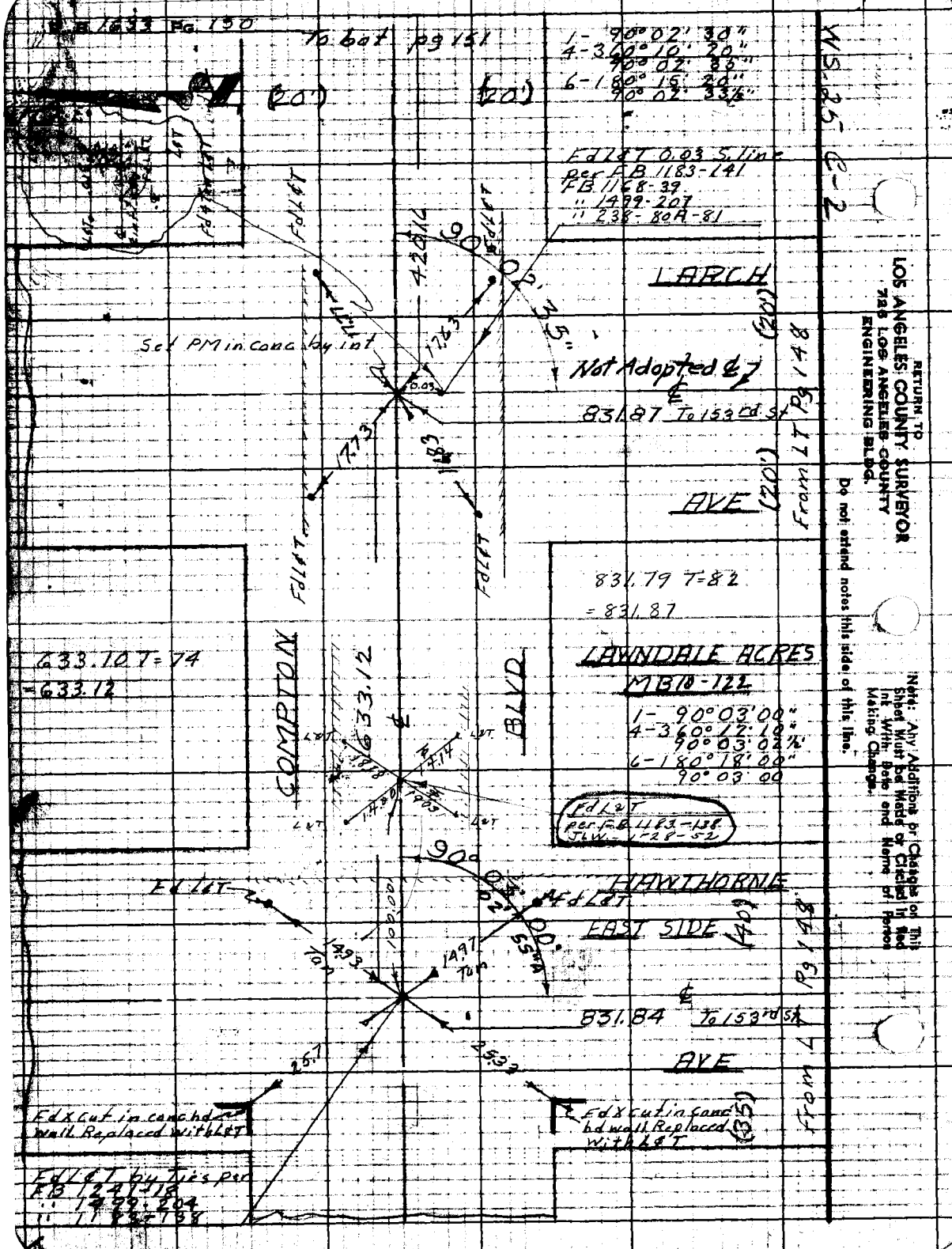


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

75F3096 247 10M 1-49

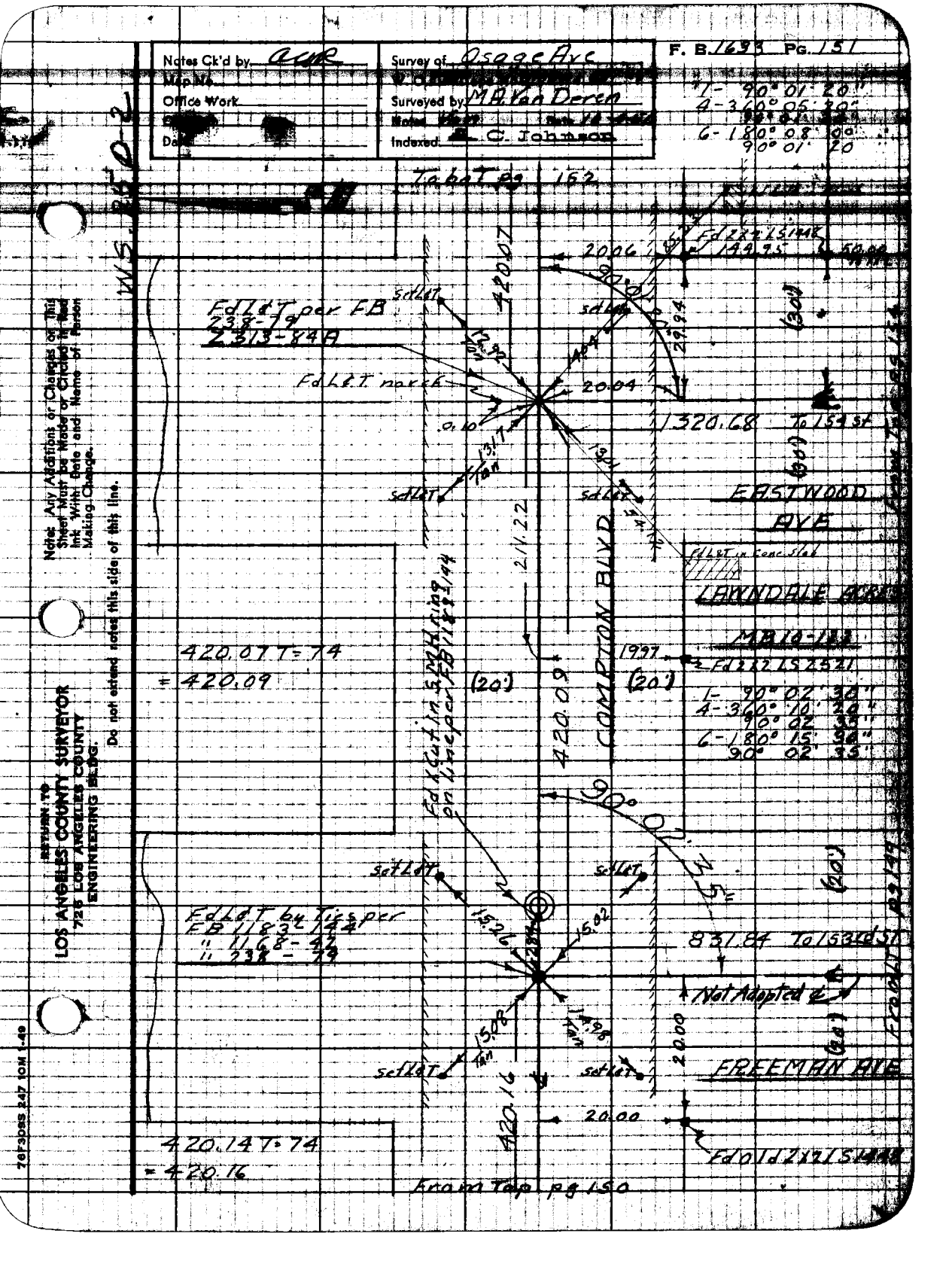


RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

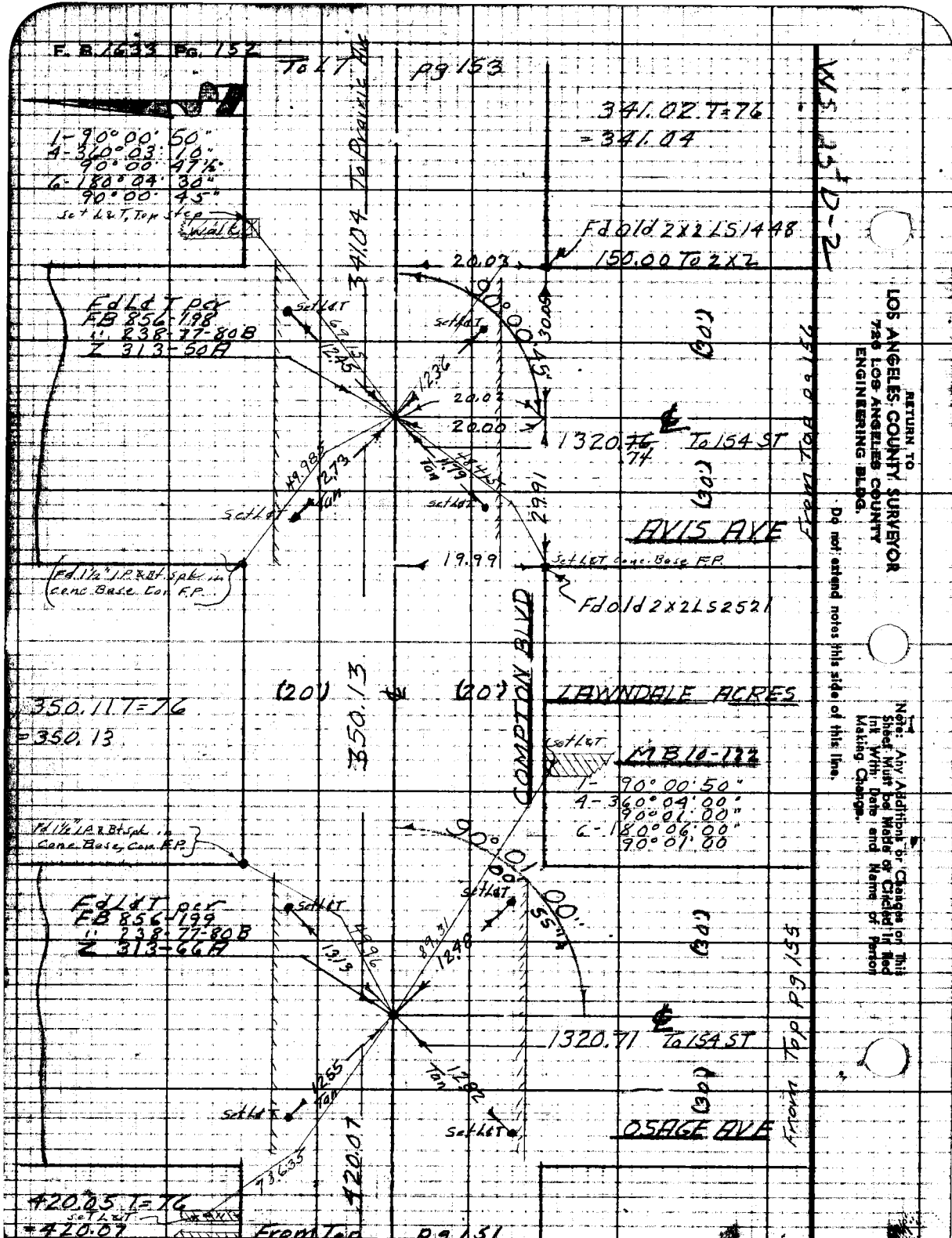
Do not extend notes this side of this line.

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

WS 25 C-2

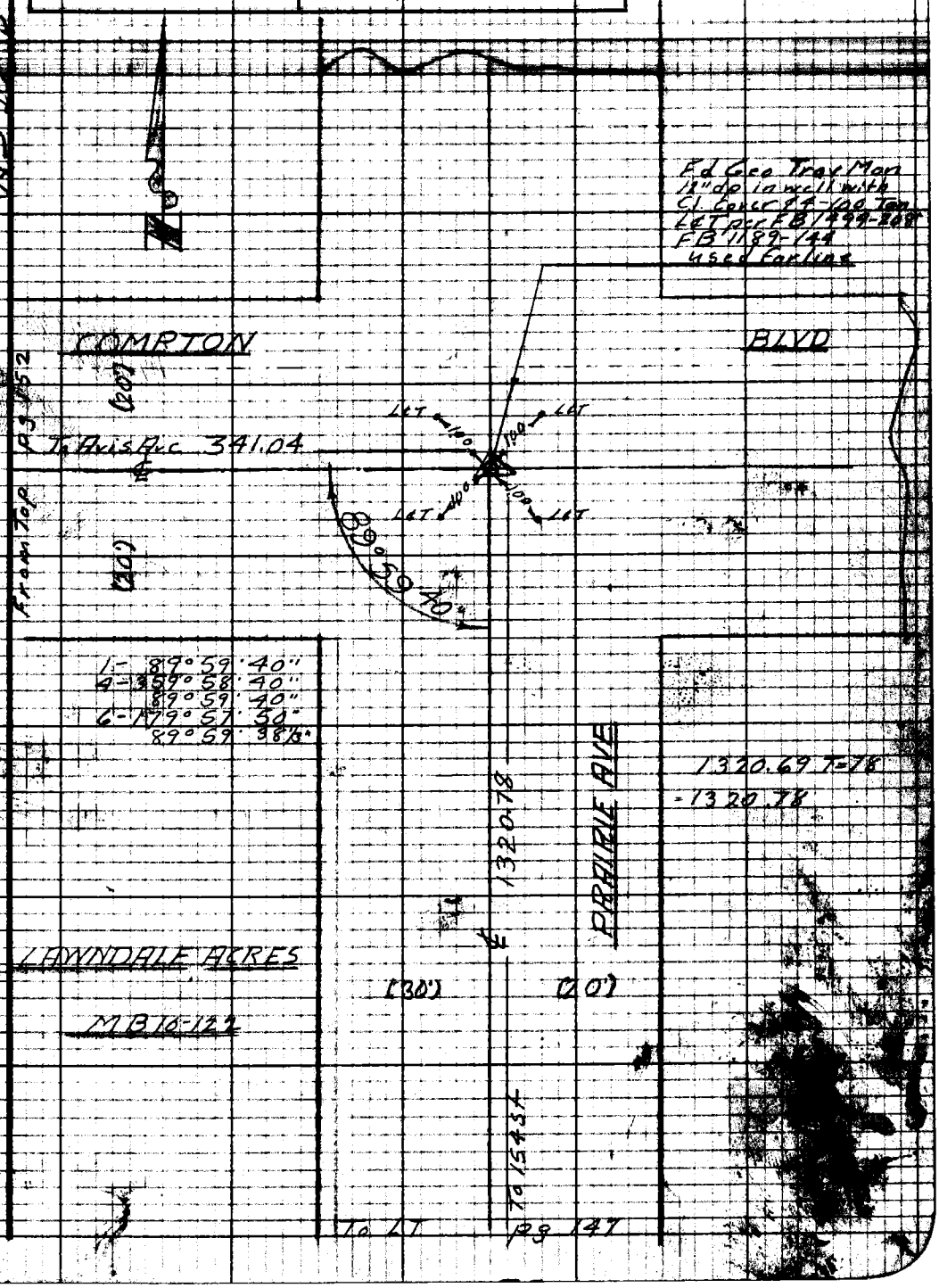


Notes Ck'd by
Map No.
Office Work
Date
Survey of Osage Ave
Surveyed by M.A. Van Deren
Indexed C. Johnson
F. B. 1693 Pg. 151
1- 90° 01' 20"
4- 360° 05' 20"
6- 180° 08' 00"
90° 01' 20
To bot pg 152
W.S. 25 D-2
Fd 2x2 LS 1448
144.95
20.06
420.07
Fd L&T per FB 238-79
Z 313-84A
Set L&T
Fd L&T no rck
20.04
29.94
1320.68
To 154 St
EASTWOOD AVE
Fd L&T in conc slab
LAWNDALE ACRES
MB 10-133
Fd 2x2 LS 2521
1- 90° 02' 30"
4- 360° 10' 20"
90° 02' 35"
6- 180° 15' 30"
90° 02' 35"
211.22
COMPTON BLVD
420.07 T = 74
= 420.09
(20')
420.09
Fd X Cut in S.M.H. ring on line per FB 1183-144
90° 02' 35"
Fd L&T by Ties per FB 1183-144
" 1168-42
" 238-79
15.26
15.02
831.84 To 153rd St
Not Adopted
15.08
14.98
20.00
FREEMAN AVE
420.16
420.14 T = 74
= 420.16
Fd 0 1d 2x2 LS 1448
From Top pg 150
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend notes this side of this line.
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
76F3095 247 10M 1-49


F. B. 1633 Pg. 152
To L.T.
pg 153
341.02 T=76
=341.04
1-90°00'50"
4-360°03'10"
90°00'47½"
6-180°04'30"
90°00'45"
Set L&T, Top Step
Walk
341.04 To Prairie Ave
Fd old 2x2 LS1448
150.00 To 2x2
20.03
90°00'45"
30.09
Fd L&T per
FB 856-198
" 238-77-80B
Z 313-50A
Set L&T
12.45
12.36
20.02
20.00
1320.74 To 154 ST
(30')
From Top pg 156
49.985
12.73
Tan
29.91
AVIS AVE
19.99
Set L&T Conc. Base F.P.
Fd 1½" I.P. & Bt. Spk. in Conc. Base Cor. F.P.
Fd old 2x2 LS2521
COMPTON BLVD
(20')
350.13
LAWNDALE ACRES
350.11 T=76
=350.13
MB 10-122
1-90°00'50"
4-360°04'00"
90°01'00"
6-180°06'00"
90°01'00"
Fd 1½" I.P. & Bt. Spk. in Conc. Base, Cor. F.P.
90°01'00"
55"
Fd L&T per
FB 856-199
" 238-77-80B
Z 313-66A
13.13
49.96
89.31
12.48
1320.71 To 154 ST
From Top pg 155
12.55
Tan
12.82
OSAGE AVE
73.635
420.07
420.05 T=76
Set L&T
=420.07
From Top
pg 151
WS 25 D-2
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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: [illegible]	Survey of: Osage Ave
Map No.	W.O. [illegible]
Office Work	Surveyed by: M.A. Van Deren
Checked	Notes: Van Date: 10-60
Date	Indexed: C. Johnson

F. B. 1633 Pg. 153

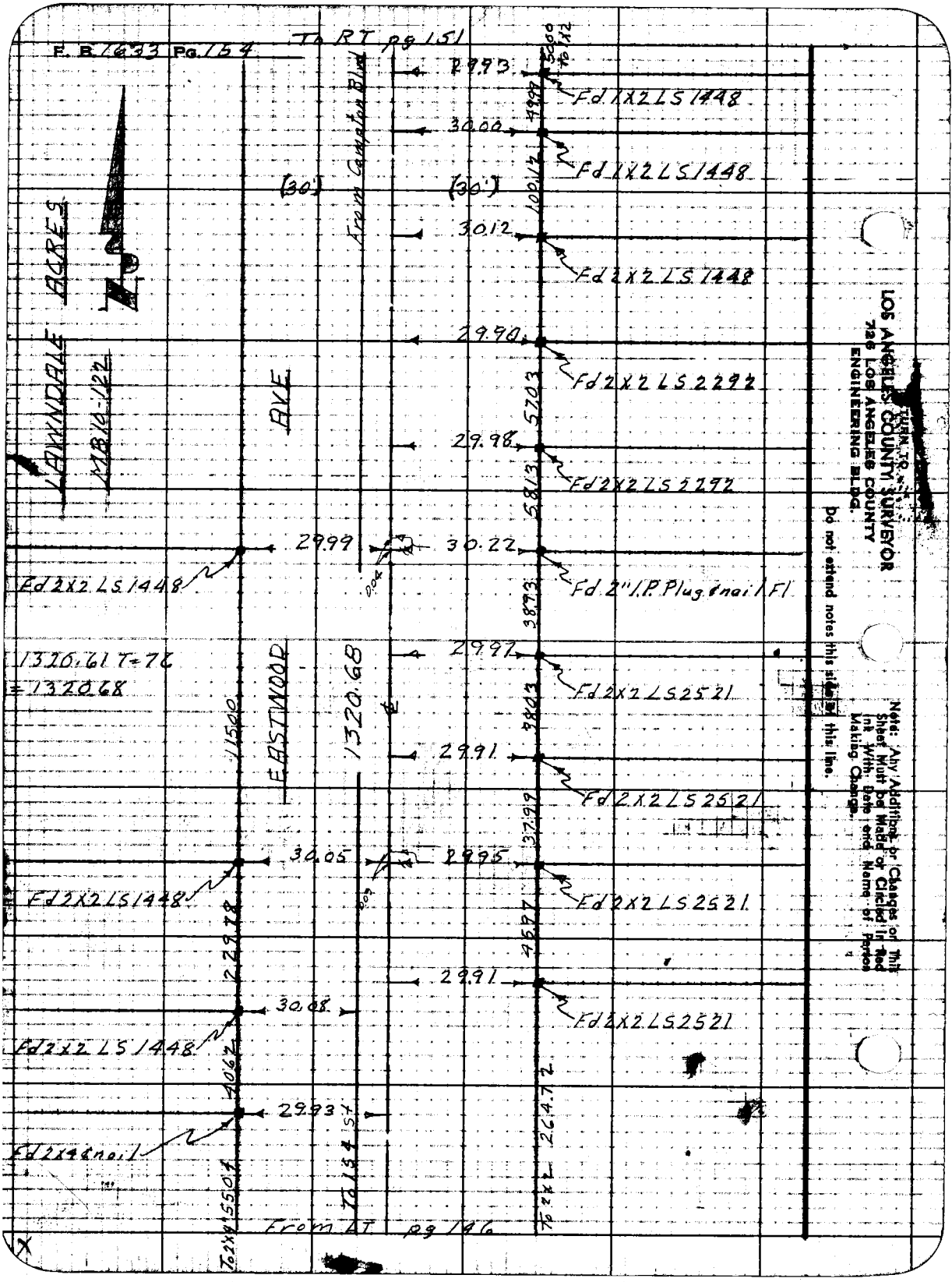


Notes: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink. Notes Made and Name of Person Making Change.

Do not extend notes this side of this line.

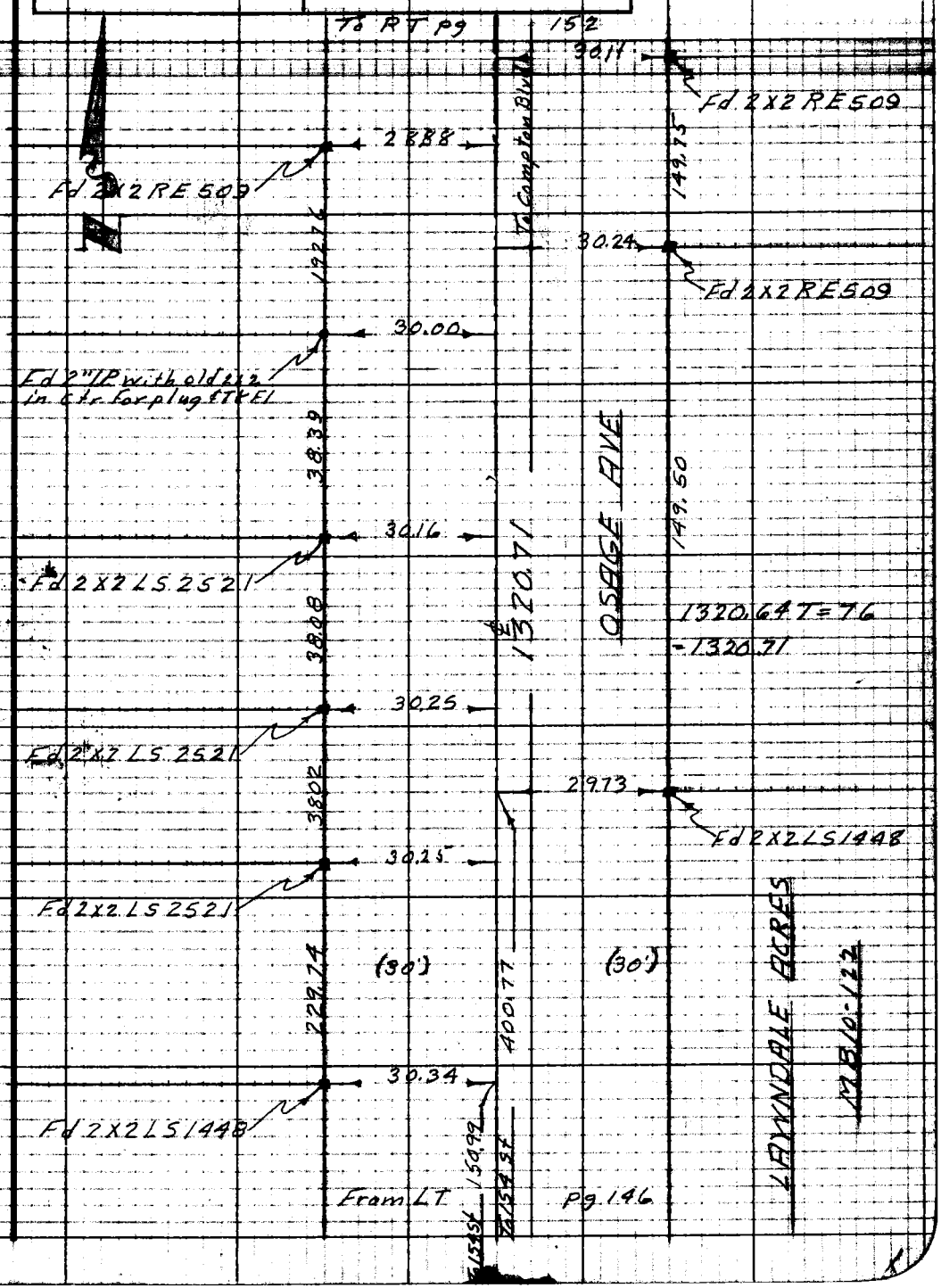
RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 10M 1-49


F. B. 1633 Pg. 154
To RT pg 151
LAWNDALE ACRES
MB 10-122
AVE
EASTWOOD
From Compton Blvd
(30')
(30')
1320.61 T=76
=1320.68
1320.68
29.93
30.00
30.12
29.90
29.98
29.99
30.22
29.97
29.91
30.05
29.95
29.91
30.08
29.93
Fd 1X2 LS 1448
Fd 1X2 LS 1448
Fd 2X2 LS 1448
Fd 2X2 LS 2292
Fd 2X2 LS 2292
Fd 2X2 LS 1448
Fd 2" I.P. Plug & nail Fl
Fd 2X2 LS 2521
Fd 2X2 LS 2521
Fd 2X2 LS 1448
Fd 2X2 LS 2521
Fd 2X2 LS 1448
Fd 2X2 LS 2521
Fd 2X4 & nail
To 2X2 5504
To 1.54 St
To 2X2 264.72
From LT pg 146
LOS ANGELES COUNTY SURVEYOR
726 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: AUR	Survey of: Osage Ave
Map No.	W. O. 8351 Tape No. 3106 Std. 68 °F
Office Work	Surveyed by: M.A. Van Deren
Checked	Notes: Van Date: 10-50
Date	Indexed: R. C. Johnson

F. B. 1633 Pg. 155

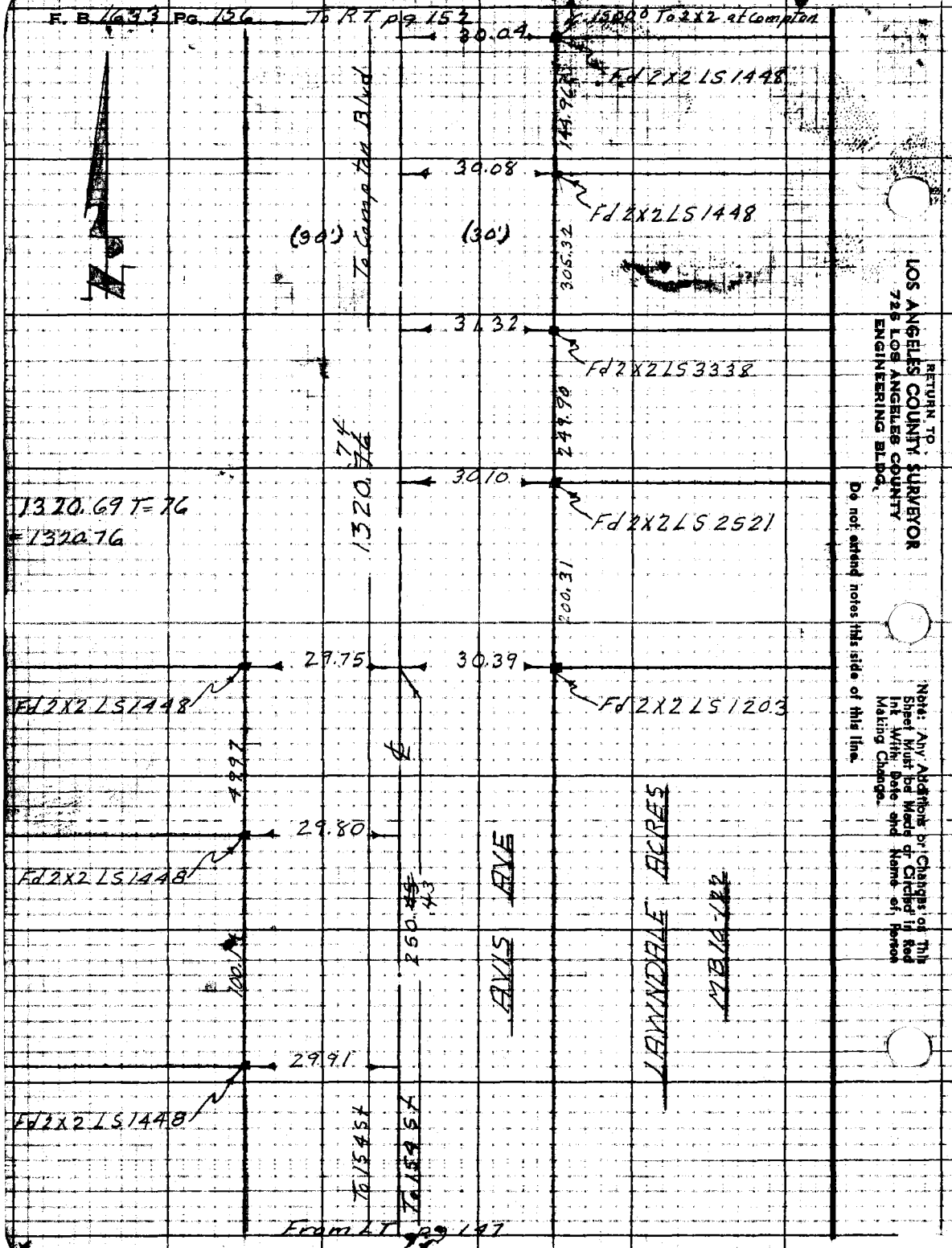


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S 247 10M 1-49


F. B. 1633 Pg. 156
To RT pg 152
15000 To 2X2 at Compton
30.04
Fd 2X2 LS 1448
144.96
30.08
Fd 2X2 LS 1448
(30')
(30')
To Compton Blvd
305.32
31.32
Fd 2X2 LS 3338
249.90
30.10
Fd 2X2 LS 2521
1320.69 T=76
=1320.76
1320.74
200.31
29.75
30.39
Fd 2X2 LS 1448
Fd 2X2 LS 1203
49.97
29.80
Fd 2X2 LS 1448
250.43
AVIS AVE
LAWNDALE ACRES
MB 16-122
100.14
29.91
Fd 2X2 LS 1448
To 154 St
To 154 St
From LT pg 147
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

F. B. 1693 Pg. 16

NOTES RED. JOB NO. 1402 SURVEY OF Osage Ave

DATE SURVEY BY M. A. Van Deren

NOTES CHKD. NOTES BY Van DATE 10-50

DATE INDEXED FEB 7 '51 DATE A. C. Johnson

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CK-1402
						BENCH MARK LEVELS
						ON OSAGE AVE SEWER DIST
					Van Deren Stangeland Blankenship Brooks	
				Note: The following B.M.'s are for		
				Construction purposes only		

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 SURVEYOR 818 CIVIC CENTER BLDG.

765420 SBS 2M 3-48

FORM 353 2M 3-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER 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) N-23	52.883				52.883	BM N-23 Elev=52.883 FB 1633-7
+ 65'	6.445		6.620	6.701		Hawthorne Ave & 154 St. N.W. Cor.
⊼	59.328	+1.425	1.432	1.430	+1.4310	Bt Spk in W. end C.R.
− 65'	5.020		5.188	5.271		
(Fd) N-82	54.308				54.314	BM N-82 Elev=54.350 FB 1633-7
+ 125'	4.410		4.317			Hawthorne Ave & 154 St N.E. Cor
⊼	58.718	−0.220	0.221		−0.2205	Bt Spk in N headwall of culvert
− 125'	4.630		4.538			E. side of P.E. Ry
T.P.	54.088					
+ 130'	4.780		4.680			
⊼	58.868	−0.502	0.505		−0.5035	
− 130'	5.282		5.185			
(Fd) N-22	53.586				53.590	BM N 22 Elev=53.657 FB 1633-7
+ 125'	5.490		5.448			Hawthorne Ave & 153 St S.W. Cor.
⊼	59.076	+1.196	1.193		+1.1945	Bt Spk in W. end C.R.
− 125'	4.294		4.255			
T.P.	54.782					
+ 125'	5.004		4.885			
⊼	59.786	+0.672	0.674		+0.6730	
− 125'	4.332		4.211			
T.P.	55.454					
+ 150'	5.378		5.293	5.228		
⊼	60.832	+1.710	1.705	1.708	+1.7075	
− 150'	3.668		3.588	3.520		
(Fd) BM #17	57.164				57.164	BM #17 Elev=57.153 FB 1633-6
+ 125'	4.540		4.491			Compton Blvd & Hawthorne Ave. S.W. Cor
⊼	61.704	−1.018	1.019		−1.0185	Cut spk in wing wall of conc culvert.
− 125'	5.558		5.510			E. side of P.E. Ry
T.P.	56.146					

JOB NO. 1403 SURVEY OF Osage Ave
SURVEY BY Van Deren
NOTES BY Van DATE
INDEXED E. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

76S420 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	56.146					T.P. per pg 168
+ 150'	4.048		3.967			
π	60.194	-1.244'	1.242		-1.2430	
(set) 150'	5.292		5.209			
NX1	54.902				54.904	BM NX1 Elev =
+ 100'	4.966		4.900			Compton Blvd & Larch Ave at int
π	59.868	-0.395'	0.398'		-0.3965	Cut Δ in E. ring of S.M.H.
− 100'	5.361		5.298			
T.P.	54.507					
+ 110'	4.763		4.640	4.501		
π	59.270	-0.257'	0.251'	0.250'	-0.2535	
(set) 110'	5.020		4.891	4.751		
NX2	54.250				54.254	BM NX2 Elev =
+ 100'	4.519		4.391			Compton Blvd & Freeman Ave at int
π	58.769	-0.442'	0.439'		-0.4405	Cut "∇" in E. ring of S.M.H.
− 100'	4.961		4.830			
T.P.	53.808					
+ 100'	4.589		4.495			
π	58.397	-0.201'	0.198'		-0.1995	
(set) 100'	4.790		4.693			
NX3	53.607				53.614	BM NX3 Elev =
+ 100'	4.642		4.555			Compton Blvd & Eastwood Ave at int
π	58.249	-0.417'	0.414'		-0.4155	Cut "∇" in E. ring of S.M.H.
− 100'	5.059		4.969			
T.P.	53.190					
+ 100'	4.721		4.653			
π	57.911	-0.190'	0.190'		-0.1900	
(set) 100'	4.911		4.843			
NX4	53.000				53.008	BM NX4 Elev =
						Compton & Osage Ave at int
						Cut "∇" in E. ring of S.M.H.

NOTES RED. _____ JOB NO. 1402 SURVEY OF Osage Ave
DATE _____ SURVEY BY Van Deren
NOTES CHKD. _____ NOTES BY _____ DATE 10-16-50
DATE _____ INDEXED _____ DATE _____

F.B. 1633 PG. 167

FORM 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

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

Do not extend notes this side of this line

JOB NO. 1402 SURVEY OF Osage Ave
SURVEY BY Van Dercen
NOTES BY Van DATE 10-16-50
INDEXED E. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
NX4	53.000				53.008	BM NX4 per pg 169
+ 100'	4.662		4.564			
Π	57.662	-0.453	0.455		-0.4540	
− 100'	5.115		5.019			
T.P	52.547					
+ 80'	4.572		4.471			
Π	57.119	-0.228	0.229		-0.2285	
(Set) 80'	4.800		4.700			
NX5	52.319				52.326 −	BM NX5 Elev =
+ 100'	4.543		4.501			Compton Blvd & Avis Ave at int
Π	56.862	-0.479	0.481		-0.4800	Cut "∇" in E. ring of S.M.H.
− 100'	5.022		4.982			
T.P	51.840					
+ 80'	5.080		5.313			
Π	56.920	+0.206	0.205		+0.2055	
(Fd) 80'	4.874		5.108			
#52	52.046				52.051	BM #52 Elev = 51.975 L B 836-21
+ 125'	4.071		3.968			Prairie Ave & Compton Blvd S.W. Cor
Π	56.117	-0.580	0.580		-0.5800	L&N in square in Conc pvt 9' W. & 55' S. of
− 125'	4.651		4.548			
T.P.	51.466					
+ 160'	4.498		4.373			
Π	55.964	-0.147	0.148		-0.1475	
(Set) 150'	4.645		4.521			
NX6	51.319				51.326 −	BM NX6 Elev =
+ 125'	4.081		3.939			Prairie Ave. (E. side) 650' ± S. Compton Blvd
Π	55.400	-0.162	0.159		-0.1605	Bt spk in pvt 1' W. of E. edge pvt
− 125'	4.243		4.098			opp PP# 23395 & E
T.P	51.157					

F.B. 1633 PG. 170

76S420 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	51.157					T.P per pg 170
+ 125'	3.858		3.713			
⊼	55.015	-0.554	0.555		-0.5545	
— 125'	4.412		4.268			
TP	50.603					
+ 110'	4.399		4.362			
⊼	55.002	-0.074	0.076		-0.0750	
(Fd) 110'	4.473		4.438			
BM#50	50.529				50.534-	BM#50 Elev = 50.470 LB 836-31
+ 150'	4.762		4.694			Prairie Ave & 154th st S.E. for
⊼	55.291	+0.505	0.502		+0.5035	L&N in square in concpvt.
— 150' (set)	4.257		4.192			14' E & 42' S. of ℄ int
NX7	51.034				51.037	BM NX7 Elev =
+ 100'	4.873		4.861			154 St & Avis Ave. (S. side)
⊼	55.907	+0.025	0.022		+0.0235	Bt spk in cb. 20' E. of ℄ prod.
— 100'	4.848		4.839			
T.P.	51.059					
+ 80'	5.609		5.732			
⊼	56.668	+0.606	0.603		+0.6045	
(Set) 80'	5.003		5.129			
NX8	51.665				51.665	BM NX8 Elev =
+ 100'	5.371		5.441	5.157		154th St & Osage Ave. (S. side)
⊼	57.036	+0.053	0.059	0.057	+0.0580	Bt spk in curb. 12' W. of ℄ prod.
— 100'	5.318		5.382	5.100		
T.P.	51.718					
+ 90'	5.528		5.653			
⊼	57.246	+0.778	0.774	~~+0~~	+0.7760	
(Set) 90'	4.750		4.879			
NX9	52.496				52.499	BM NX9 Elev =
						154 St & Eastwood Ave. (S. side)
						Bt spk in Curb 9' W. of ℄ prod.

NOTES RED. ____ JOB NO. 1402 SURVEY OF Osage Ave
DATE ____ SURVEY BY Van Deren
NOTES CHKD. ____ NOTES BY Van DATE 10-16-50
DATE ____ INDEXED A. C. Johnson DATE ____

F.B. 1633 PG 171

FORM 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

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Do not extend notes this side of this line

JOB NO. 1401 SURVEY OF Osage Ave
SURVEY BY Van Dorn
NOTES BY Van DATE 10-16-50
INDEXED A. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 1633 PG. 172

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
NX9	52.496				52.499	BM NX9 pst pg 171
+ 90'	4.795		4.632			
π	57.291	+ 0.009'	0.011'		+0.0100	
(Set) 90'	4.786		4.621			
NX10	52.505				52.509	BM NX10
+ 125'	5.229		5.073			154 St (S. side) 200'± W. of ℄ Eastwood Ave
π	57.734	+0.188	0.190'		+0.1890	Bt spk in Curb. 4' E. of end of CB
− 125'	5.041		4.883			
T.P	52.693					
+ 100'	4.550		4.471			
π	57.243	+0.288'	0.291'		+0.2895	
(Fd) 100'	4.262		4.180			
N-84	52.981				52.988 −	BM N84 Elev = 53.109 FB 1168-55
+ 125'	4.238		4.078			Larch Ave & 154 St. S.E. cor.
π	57.219	−0.244'	0.241'		−0.2425	L.E.N. in N.W cor. conc walk to ho 4326
− 125'	4.482		4.319			
T.P.	52.737					
+ 130'	4.428		4.257			
π	57.165	+0.057'	0.059'		+0.0580	
− 130'	4.371		4.198			
T.P	52.794					
+	4.680		4.628			
π	57.474	+1.470'	1.468'		+1.4690	
(Fd)	3.210		3.160			
N-82	54.264				54.272	BM N82 Elev = 54.271 FB. 1168/55
						Hawthorne Ave & 154 St. N. E. Cor
						Bt spk in N. head wall of culvert
						E. side of P.E. Ry.
	End of Circuit #1					

76S420 353 2M 3-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER 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
			Circuit #2			
(Fd) N-22	53.586				53.657	BM N22 Elev= 53.675 FB 16[illegible]-7
+ 125'	5.472		5241			Hawthorne Ave & 153 St. S.W. Cor
⊼	59.058	-0.182'	0.182'		-0.1820	Bt spk in W. end CR
− 125'	5.654		5.423			
T.P.	53.404					
+ 125'	4369		4252			
⊼	57.773	+0.031'	0.030'		+0.0305	
− 125'	4.338		4222			
T.P.	53.435					
+ 120'	4.158		3992			
⊼	57.593	+0.411'	0.414'		+0.4125	
(set) 120	3.747		3578		906	.012
NX 11	53.846				53.[illegible]	BM NX #11 Elev=
+ 135'	3.761		3.702			153 St & Larch Ave at int
⊼	57.607	-0.390'	0.389'		-0.3895	Cut "∇" in E. ring of S.M.H.
− 135'	4.151		4.091			
T.P.	53.456					
+ 67'	3851		3.777			
⊼	57.307	+0.220'	0.220'		+0.2200	
(Fd) 67'	3.631		3557		.728	.020
N-94	53.676				53.748+	BM N94 Elev= ~~53.649~~ FB 116[illegible]-52
+ 130'	3.638		3584			Freeman Ave & 152 St. S.W. Cor
⊼	57.314	-1.070'	1.071'		-1.0705	Cut spk in N.E. side PP# 3[illegible]563E
− 130'	4.708		4.655			
T.P.	52.606					
+ 130'	4.911		4.847	4.912		
⊼	57.517	+0.549'	0.556'	0.554'	+0.5530	
− 130'	4.362		4.291	4358		
T.P.	53.155					

NOTES RED. _____ JOB NO. 1402 SURVEY OF Osage Ave
DATE _____ SURVEY BY Van Deren
NOTES CHKD. _____ NOTES BY Jan C. Johnson DATE 10-18-50
DATE _____ INDEXED _____ DATE _____

F.B. 1633 PG. 179

FORM 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	53.155					T.P. per pg 173
+ 53'	4.625		4.482			
⊼	57.780	+0.144	0.142		+0.1430	
(set) 53'	4.481		4.340		.342	-052
N X 12	53.299				53.~~374~~	BM N X 12 Elev =
+ 130'	4.581		4.251			Eastwood Ave. (W side) 690'± N. 154 St
⊼	57.880	-0.022	0.026		-0.0240	Bt spk in N. side conc Dr ho # 15227
− 130'	4.603		4.277			
T.P.	53.277					
+ 120'	4.939		4.837			
⊼	58.216	+0.086	0.085		+0.0855	
(set) 120'	4.853		4.752		.396	-040
N X 13	53.363				53.~~436~~	BM N X 13 Elev =
+ 125'	3.947		3.882			Osage Ave (E. side) 725'± N. 154 St
⊼	57.310	-0.970	0.966		-0.9665	Bt Spk in conc walk at ho. ho # 15218
− 125	4.917		4.851			
T.P.	52.393					
+ 75'	5.090		5.021			
⊼	57.483	+0.042	0.042		+0.0420	
(set) 75'	5.048		4.979		.462	-049
N X 14	52.435				52.~~511~~	BM N X 14 Elev =
+ 150'	4.052		3.935			Avis Ave. (W side) 650'± N. 154 St
⊼	56.487	-1.135	1.132		-1.1335	Bt Spk in S. Side Conc Dr ho # 15225
(Fd) 150'	5.187		5.067		.326 ✓	-052
N X 6	51.300				51.~~378~~	BM N X 6 Elev = 51.319 FB 1633-170
+ 125'	3.994		3.824	3.580		Prairie Ave. (E. side) 650'± S. Compton Blvd.
⊼	55.294	-0.476	0.467	0.468	-0.4675	Bt spk in pvt. 1' W. of E. edg pvt
− 125'	4.470		4.291	4.048		opp PP # 233956-E
T.P.	50.824					

JOB NO. 1402 SURVEY OF Osage Ave
SURVEY BY Van Deren
NOTES BY Van DATE 10-18-50
INDEXED A. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 1633 Pg. 174

76S 420 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	50.824					T.P. per pg 174
+ 100'	4.211		4.129			
⊼	55.035	-0.147'	0.144'		+0.1455	
− 100'	4.358		4.273			
T.P.	50.677					
+ 115'	4.449		4.319			
⊼	55.126	-0.167'	0.164'		-0.1655	
(Fd) 115'	4.616		4.483		.534	
BM #50	50.510				50.~~599~~ .534	BM #50 Elev = 50.~~599~~ .534 FB 1633-171
						Prairie Ave. & 154 St.
						L & nail in square in conc pt.
						14' E. & 42' S. ℄ int
						-065 / 16

NOTES RED. _____ JOB NO. 1402 SURVEY OF Osage Ave
DATE _____ SURVEY BY Van Dercen
NOTES CHKD. _____ NOTES BY R.C. Johnson DATE 10-18-50
DATE _____ INDEXED _____ DATE _____

F.B. 1631 PG. 175

F. B. 1633 PG. 176

JOB NO. 1407 SURVEY OF Osage Ave NOTES RED.
SURVEY BY Van Doren DATE
NOTES BY Van DATE 10-18-50 NOTES CHKD.
INDEXED DATE DATE

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

FORM 353 2M 3-48

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315 CIVIC CENTER BLDG.

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Profile No.	Notes Red.	Plotted	Job No. 1402	Division No.	F.B. 1633	PG. 187
	Date	Date	Survey of Osage Ave			
X-Sec. No.	Notes Chkd.	Checked	Survey by Van Deren	Notes Van	Date 10-50	
	Date	Date	Map No.	Indexed	Date FEB 7 '51	

CI-1402

Sewer M.H. invert check on Osage Ave Sewer Dist

OSAGE AVE SEWER DIST

10-18-50

Van Deren
Stangeland
Blankenship
Brooks

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

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PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

76L298 307 5-49

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
BM #50	5.30	55.83		50.53	BM#50 ELEV 50.529 FB1633-171		
					PRAIRIE AVE & 154TH ST.		
					LD. & NAIL IN □ IN CONC PVT 14'E & 42' SO. OF ℄ INT		
J.C. @ 154TH & PRAIRIE AVE. L.B. 836-101							
					ROD 6.04 CHAIN 8.12 DIAM 2.50		
STUB NO.			16.66	39.17	16.66	ROD 6.04 CHAIN 11.21	
℄ FLOWLINE			17.25	38.58		17.25	
J.C. @ 154TH & AVIS AVE. PER. L.B. 836-96							
					ROD 4.94 CHAIN 8.82 DIAM 2.75		
INLET W. (33")			16.51	39.32	16.51	ROD 4.94 CHAIN 8.88 DIAM 2.75	
OUTLET E. (33")			16.57	39.26		16.57	ROD 4.94 CHAIN 9.58 DIAM 0.67
STUB S. (8")			15.19	40.64			15.19
STUB N. (8")			15.22	40.61			ROD 4.94 CHAIN 9.61 DIAM 0.67
							15.22
TP	5.91	56.95	4.79	51.04	TP		
J.C. @ 154TH & OSAGE AVE PER FB836-91							
					ROD 5.47 CHAIN 8.94 DIAM 2.75		
33" INLET W.			17.16	39.79	17.16	ROD 5.47 CHAIN 8.96 DIAM 2.75	
33" OUTLET E.			17.18	39.77		17.18	ROD 5.47 CHAIN 9.11 DIAM 0.67
8" INLET SO.			15.25	41.70			15.25

SEE TOP PG. #189

F.B. 1633 PG. 188
Job No. 1402 Division No. Notes Red. Plotted No. Profile
Survey of Osage Ave Date 10-50 Date X-Sec.
Survey by Van Deren Notes Van Notes Chkd. Checked No.
Indexed E. C. Johnson Date Date

FORM 307 5-49

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
		56.95			ROD 5.47 CHAIN 9.27 DIAM 0.67 15.41		
8" STUB No.			15.41	41.54			
TP	5.78	57.29	5.44	51.51	TP		
J.C. @ 154TH & EASTWOOD PER L.B. 836-86							
					ROD 5.14 CHAIN 9.08 DIAM 2.75 16.97		
33" INLET W.			16.97	40.32		ROD 5.14 CHAIN 9.06 DIAM 2.75 16.95	
33" OUTLET E.			16.95	40.34			ROD 5.14 CHAIN 9.50 DIAM 0.67 15.31
8" INLET S.			15.31	41.98			
8" STUB No.			15.28	42.01			ROD 5.14 CHAIN 9.47 DIAM 0.67 15.28
TP	4.99	57.50	4.78	52.51	TP		
TP	4.16	57.44	4.22	53.28	TP		
TP	4.91	57.65	4.70	52.74	TP		
J.C. @ 154TH & HAWTHORNE AVE PER FB 836-39 (MOST NORTHERLY M.H.)							
					ROD 4.28 CHAIN 9.53 DIAM 0.67 14.48		
8" OUTLET S.			14.48	43.17		ROD 4.28 CHAIN 9.42 DIAM 0.67 14.37	
8" INLET E.			14.37	43.28			ROD 4.28 CHAIN 9.42 DIAM 0.67 14.37
8" STUB No.			14.37	43.28			
BM "N-82"			3.37	54.28	BM N-82 ELEV 54.308 FB 1633-168 HAWTHORNE AVE & 154TH ST. NW. COR AT SPK IN No. HA WALL, CULVERT E. SIDE		

Profile No. ___ Notes Red ___ Plotted ___ Job No. 1402 Division No. ___ F.B. 1633 PG. 189
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey of OSAGE AVE
Date ___ Date ___ Map No. ___ Survey by KILLBERLEY Notes A.C.S. Date 12-12-38
Date ___ Date ___

76L298 307 5-49

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM #17	4.22	61.38		57.16	BM#-17 ELEV 57.16 FB 1633-168 COMPTON BLVD & HAWTHORNE AVE. S.W. COR. CUT SPK IN WING WALL CONC CULVERT E. SIDE P.E. R.WY	
J.C. @ HAWTHORNE AVE. & COMPTON BLVD PER L.B. 836-27						
					ROD 4.58 CHAIN 8.08 DIAM .82 13.48	
10" INLET W.			13.48	47.90	ROD 4.58 CHAIN 8.06 DIAM 1.00 13.64	
12" OUTLET E.			13.64	47.74		ROD 4.58 CHAIN 8.14 DIAM 67 13.39
8" STUB N.			13.39	47.99		ROD 4.58 CHAIN 8.15 DIAM 67 13.40
8" STUB S.			13.40	47.98		
T.P.	3.85	59.59	5.64	55.74		
J.C. @ COMPTON BLVD & LARCH AVE. PER L.B. 836-49						
					ROD 4.69 CHAIN 7.35 DIAM 1.00 13.04	
12" INLET W.			13.04	46.55	ROD 4.69 CHAIN 7.36 DIAM 1.00 13.05	
12" OUTLET E.			13.05	46.54		ROD 4.69 CHAIN 7.34 DIAM .67 12.70
8" INLET N.			12.70	46.89		ROD 4.69 CHAIN 7.33 DIAM .67 12.69
8" INLET S.			12.69	46.90		
T.P.	4.36	58.76	5.19	54.40		
J.C. @ COMPTON BLVD & FREEMAN AVE PER L.B. 836-60						
					ROD 4.51 CHAIN 7.45 DIAM 1.00 12.96	
12" INLET W.			12.96	45.80	ROD 4.51 CHAIN 7.42 DIAM 1.00 12.93	
12" OUTLET E			12.93	45.83		ROD 4.51 CHAIN 7.41 DIAM 0.67 12.59
8" INLET N.			12.59	46.17		ROD 4.51 CHAIN 7.40 DIAM 0.67 12.58
8" INLET S.			12.58	46.18		

F.B. 1633 PG. 190 Job No. 1402 Division No. V Notes Red. Plotted Profile
Survey of OSAGE AVE Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

76L298 307 5-48

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
		58.76						
J.C. @ COMPTON BLVD & EASTWOOD AVE PER L.B 836-86								
					ROD 5.15 CHAIN 7.57 DIAM 1.00 13.72			
12" INLET W.			13.72	45.04		ROD 5.15 CHAIN 7.61 DIAM 1.00 13.76		
12" OUTLET E.			13.76	45.00			ROD 5.15 CHAIN 7.47 DIAM .67 13.29	
8" INLET N.			13.29	45.47				ROD 5.15 CHAIN 7.47 DIAM .67 13.29
8" INLET S.			13.29	45.47				
T.P.	4.29	57.79	5.26	53.50				
J.C. @ COMPTON BLVD & OSAGE AVE PER L.B. 836-91								
					ROD 4.78 CHAIN 7.64 DIAM 1.00 13.42			
12" INLET W.			13.42	44.37		ROD 4.78 CHAIN 7.67 DIAM 1.00 13.45		
12" OUTLET E.			13.45	44.34			ROD 4.78 CHAIN 7.62 DIAM .67 13.07	
8" INLET N.			13.07	44.72				ROD 4.78 CHAIN 7.63 DIAM .67 13.08
8" INLET S.			13.08	44.71				
T.P.	4.35	56.90	5.24	52.55				
J.C. @ COMPTON BLVD & AVIS AVE PER L.B. 836-96								
					ROD 4.58 CHAIN 7.65 DIAM 1.00 13.23			
12" INLET W.			13.23	43.67		ROD 4.58 CHAIN 7.68 DIAM 1.00 13.26		
12" OUTLET E.			13.26	43.64			ROD 4.58 CHAIN 7.52 DIAM 0.67 12.77	
8" INLET N.			12.77	44.13				ROD 4.58 CHAIN 7.58 DIAM 0.67 12.83
8" INLET S.			12.83	44.07				

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1402 Division No. V
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Osage Ave Survey by Van Deren Notes Art Date 10-18-50 Map No. ____ Indexed Johnson Date ____

F.B. 16633 PG. 191

76L298 307 5-49

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		56.90				
J.C. @ COMPTON BLVD & PRAIRIE AVE PER L.B. 836-101						
					ROD 5.34 CHAIN 7.45 DIAM 1.00 13.79	
12" INLET W.			13.79	43.11	ROD 5.34 CHAIN 7.45 DIAM 1.00 13.79	
12" OUTLET E.			13.79	43.11		ROD 5.34 CHAIN 7.50 DIAM 0.67 13.51
8" INLET N.			13.51	43.39		ROD 5.34 CHAIN 7.52 DIAM 0.67 13.53
8" INLET S.			13.53	43.37		
BM #52			4.85	52.05	BM. #52 ELEV 52.046	FB 1633-170
					PRAIRIE AVE & COMPTON BLVD, S.W. COR	
					LD & NAIL IN □ IN CONC PVT 9' W & 55' So. ℄ INT	

F.B. 192 PG. 163 Job No. 1402 Division No. V Notes Red. ____ Plotted ____ Profile No. ____
Survey of OSAGE AVE Date ____ Date ____ X-Sec. No. ____
Survey by VANDEREN Notes M.C.S. Notes Chkd. ____ Checked ____
Indexed E. C. Johnson Date ____ Date ____ Date ____

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM #"NX-11"	3.64	57.49		53.85	BM #"NX-11" ELEV 53.846 FB 1633-173	
					153RD & LARCH AVE. @ INT.	
					CUT Δ IN EAST RING SEWER M.H.	
J.C. @ 153RD ST & LARCH AVE PER L.B. 836-48						
					ROD 3.63	
					CHAIN 6.06	
					DIAM 0.67	
					10.36	ROD 3.63
8" STUB N.			10.36	47.13		CHAIN 6.03
						DIAM 0.67
						10.33
8" INLET E.			10.33	47.16		ROD 3.63
						CHAIN 6.23
						DIAM 0.67
						10.53
8" OUTLET S.			10.53	46.96		
T.P.	3.64	57.33	3.80	53.69		
M.H. ON FREEMAN AVE So. OF 153RD ST PER L.B 836-59						
					ROD 3.91	
					CHAIN 5.82	
					DIAM 0.67	
					10.40	ROD 3.91
8" STUB No stub. Trough			10.40	46.93		CHAIN 5.92
						DIAM 0.67
						10.50
8" OUTLET S.			10.50	46.83		
BM "N-94"			3.64	53.69	BM "N-94" ELEV 53.676 FB 1633-173	
					FREEMAN AVE & 153RD ST., S.W. COR.	
					CUT SPK IN N.E. SIDE R.P. #316563E	

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1402 Division No. V
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Karl Berry Notes A.C.S. Date 10-18-50
Map No. ____ Indexed Johnson Date ____

F.B. 1633 PG. 193

F.B. 1633 PG. 194 | Job No. 1402 Division No. V | Notes Red. | Plotted | Profile No.

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

Survey by VAN DEREN | Notes A.C.S. | Notes Chkd. | Checked

Indexed | Date | Date | Date

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

76L298 307 5-49

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Notes Ck'd by	Survey of Osage Ave
Map No.	W. O. 1402 Tape No. 0106 Std. 28 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Van Date 10-50
Date	Indexed A. C. Johnson

F. B. 1633 PG. 195

FEB 7 '51

CI-1402

TOPOGRAPHY ON 153rd ST

FROM FREEMAN AVE EAST TO TR LINE

OSAGE AVE SEWER DIST

10-50

Van Deren
Stangeland
Blankenship
Brooks

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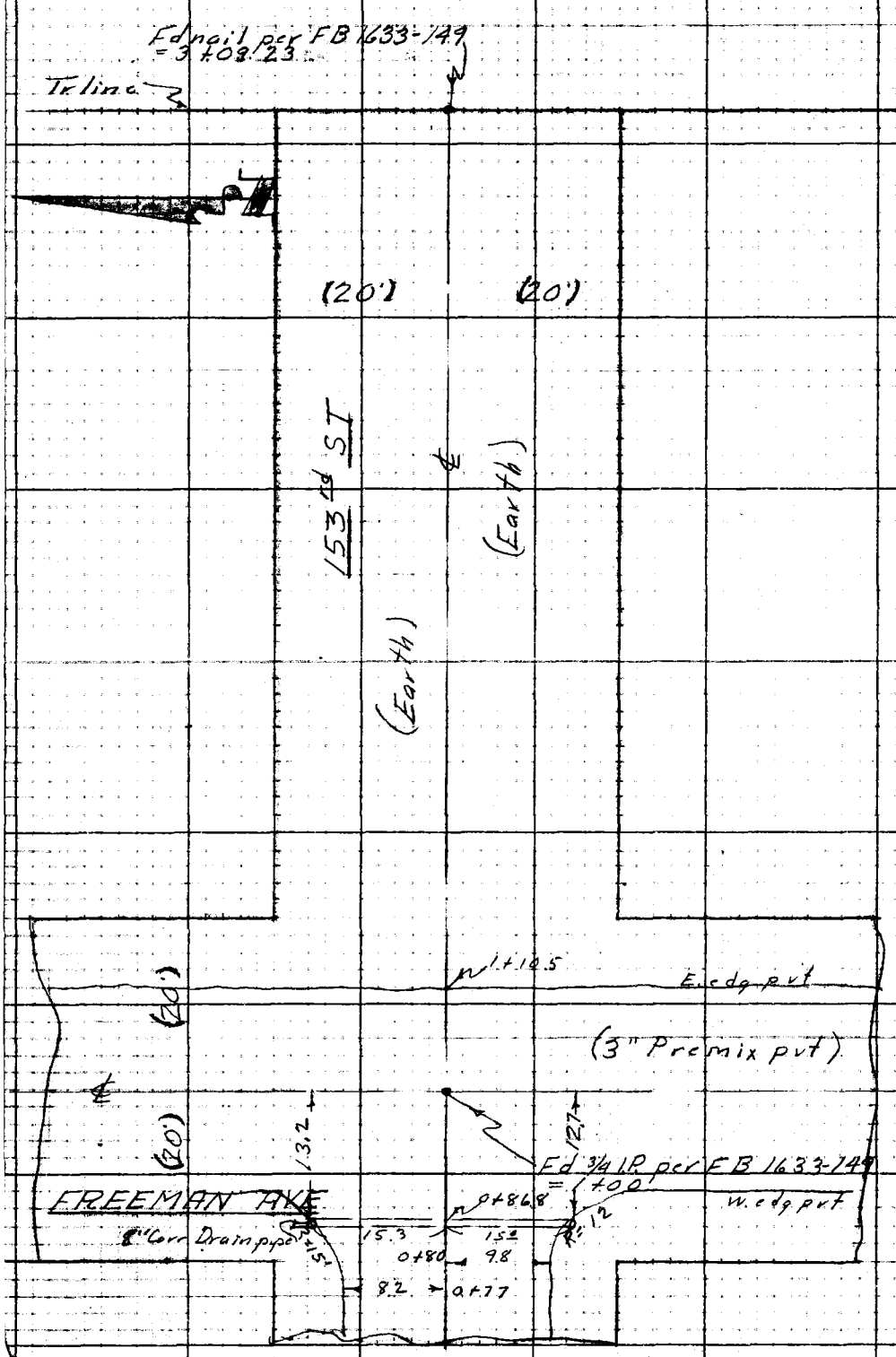
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 10M 1-49

F. B. 1633 PG. 196



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728 LOS ANGELES COUNTY
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Profile No.	Notes Red.	Plotted	Job No. 1402	Division No.	F.B. 1633	PG. 97
	Date	Date	Survey of Osage Ave			
X-Sec. No.	Notes Chkd.	Checked	Survey by Van Deren	Notes Van	Date 10-50	
	Date	Date	Map No.	Indexed Johnson	Date FEB 7 '51	

C1-1402

CROSS SECTIONS ON 153rd ST

FROM FREEMAN AVE EAST TO TR LINE

OSAGE AVE SEWER DIST

10-50

Van Deren
Stangeland
Blankenship
Brooks

& Drain pipes at 153 st & Larch Ave

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

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76L298 307 5-49

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt ℄ North	℄ RT ℄ South
N-94	4.14	57.82		53.68	BM # N-94 Elev = 53.676 FB 1633-173	
					Freeman Ave. ℄ 153rd st. S.W. cor	
					Cut Spk in N.E. Side PP # 316563 E	
0+77			4.42	53.40		℄
"			4.90	52.92	8.2 edg pvt	
"			5.6	52.2	12.5 Cut	
"			4.7	53.1	15' Top br	
"			4.7	53.1	20' P.L.	
0+80			4.40	53.42		℄
"			4.79	53.03		9.8 edg pvt
"			5.4	52.4		12.6 Cut
"			4.9	52.9		13.5 Top br
"			4.8	53.0		20' P.L.
0+86.8			4.26	53.56		℄
"			5.68	52.14		15' Flow line 8" pipe
"			5.50	52.32	15.3 Flow line 8" pipe	
1+00			4.19	53.63		℄ int 153 ℄ Freeman Ave
1+10.5			4.92	52.90		℄ ℄ E. edg pvt
1+14.0			5.5	52.3		℄ ℄ Cut
1+17.0			5.0	52.8		℄ ℄ Top brk
1+20			5.0	52.8		℄ at P.L.

F.B. 1633 PG. 198
Job No. 1402 Division No. ____ Notes Red. ____ Plotted ____ No. ____ Profile
Survey of Osage Ave Date 10-50 Date ____ X-Sec.
Survey by Van Deren Notes Van Notes Chkd. ____ Checked ____ No. ____
Indexed A. C. Johnson Date ____ Date ____

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt ℄ North	℄	Rt ℄ South
1+20		57.82	4.9	52.9'			20' Prop Cor
"			4.9	52.9'	20' Prop Cor		
2+00			5.0	52.8'		℄	
"			5.0	52.8'			20' P.L.
"			5.0	52.8'	20' P.L.		
3+00			4.7	53.1'		℄	
"			5.0	52.8'			20' P.L.
"			5.2	52.6'	20' P.L.		
3+09.23			4.7	53.1'		℄	at Tr line
"			4.9	52.9'			20' P.L
"			5.1	52.7'	20' P.L.		
T.P.	5.06	58.19	4.69	53.13			
					Lt ℄ S.	℄	Rt ℄ N
		Drain	pipes	elev at 153 st ℄ Larch Ave per LB 836-81			
0-15.5			4.48	53.71		℄	
"			5.55	52.64			15.3 Flow line 8" pipe
"			5.63	62.56	13.8 Flow line 8" pipe		
1+13.5			4.50	53.69		℄	
"			5.91	52.28			12.5 Flow line 12" pipe
"			6.09	52.10	10' Flow line 12" pipe		

(over)

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 1402 Division No. V
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Paseo Del Mar
Survey by Van Dern Notes Van Date 10-20-52 Map No. ____ Date ____
F.B. 1633 PG. 199

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
NX11		58.19	4 36	53.83	BM-NX11 Elev = 53.846 FB 1633-173 153 St & Larch Ave at int Cut Triangle in E Ring of SMH	

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Job No. 1402 Division No. V

Survey of Osage Ave

Survey by Van Deren Notes Van

Indexed R. C. Johnson Date

B. 1633 PG. 200

F.B. 1633 Pg. 201

Notes Ck'd by [illegible]	Survey of 161st St.
Map No.	W. O. Tape No. 092 St'd. 68 °F
Office Work	Surveyed by J.L. Willey
Checked	Notes J.L.W. Date 4-52
Date	Indexed E. C. Johnson

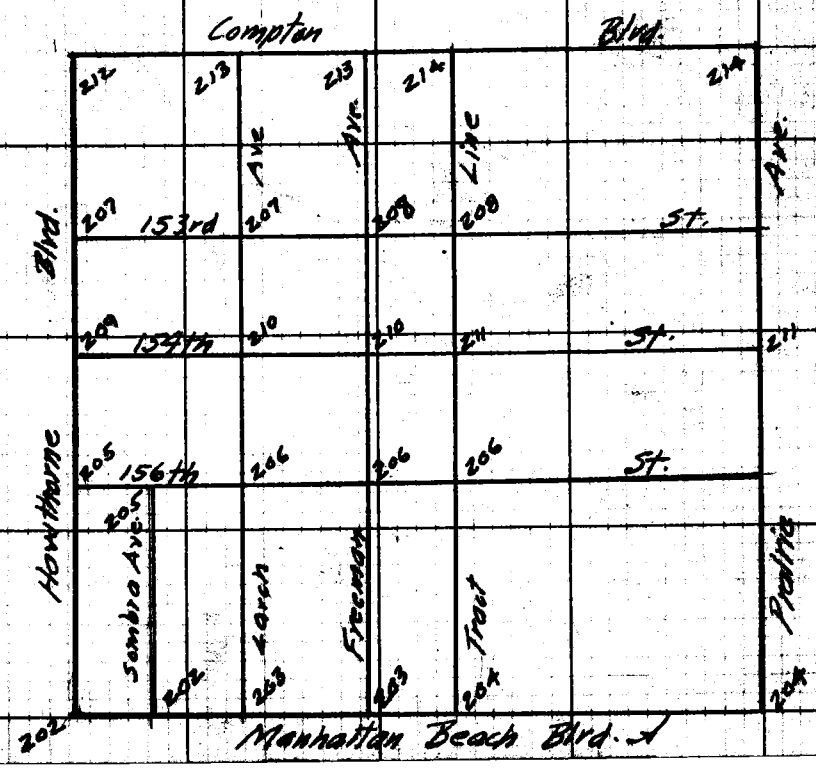
161st St.

J.N. 8351
C.I. 1141

℄ RE-SURVEY

of
from
Manhattan Beach Blvd to Compton Blvd
&
from
Hawthorne Ave to E. Tract Line of
Lawndale Acres

3-3-52
Willey J.L.
Bay
Kapp
Vrsalovich
Robinson



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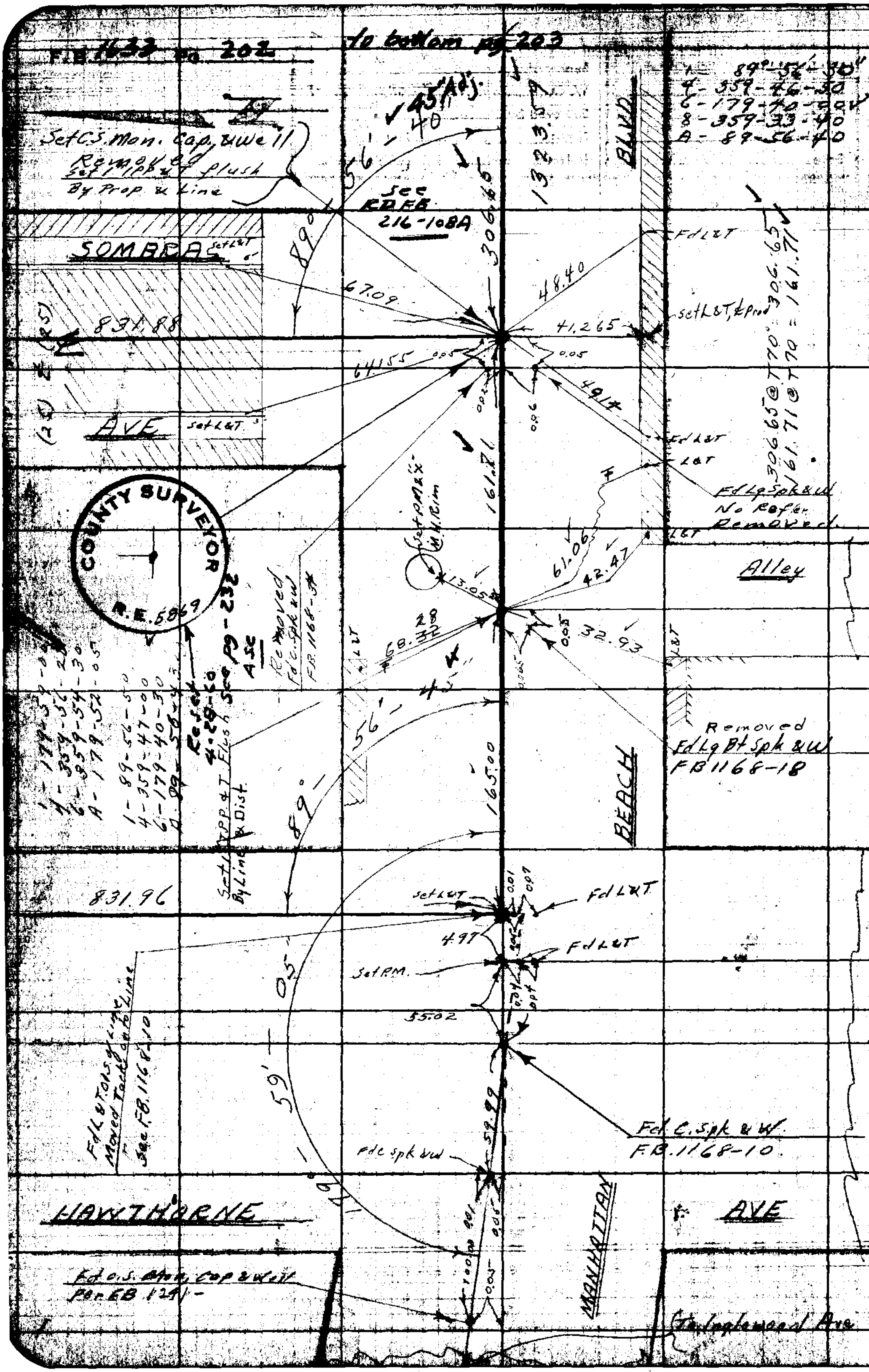
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 2-51



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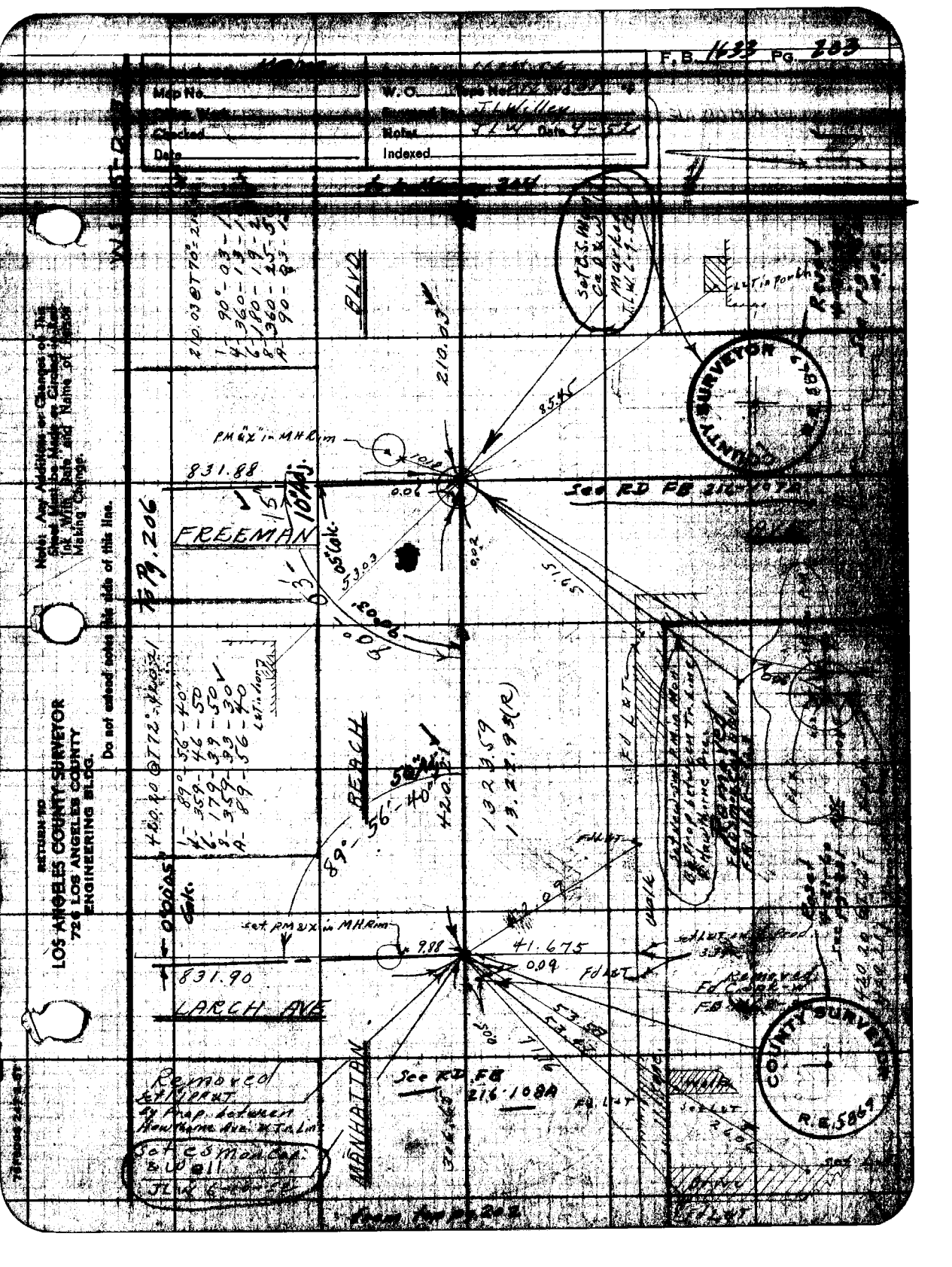
F.B. 1633 Pg. 203
Map No.
W.O.
Checked
Date
Notes
Date
Indexed
BLVD
FREEMAN
BEACH
LARCH AVE
MANHATTAN
831.88
831.90
210.03
85.45
41.675
0.09
9.88
PM "X" in MH Rim
See RD FB 216-108A
Removed
Set CS Mon Cap & Well
COUNTY SURVEYOR
R.E. 5869
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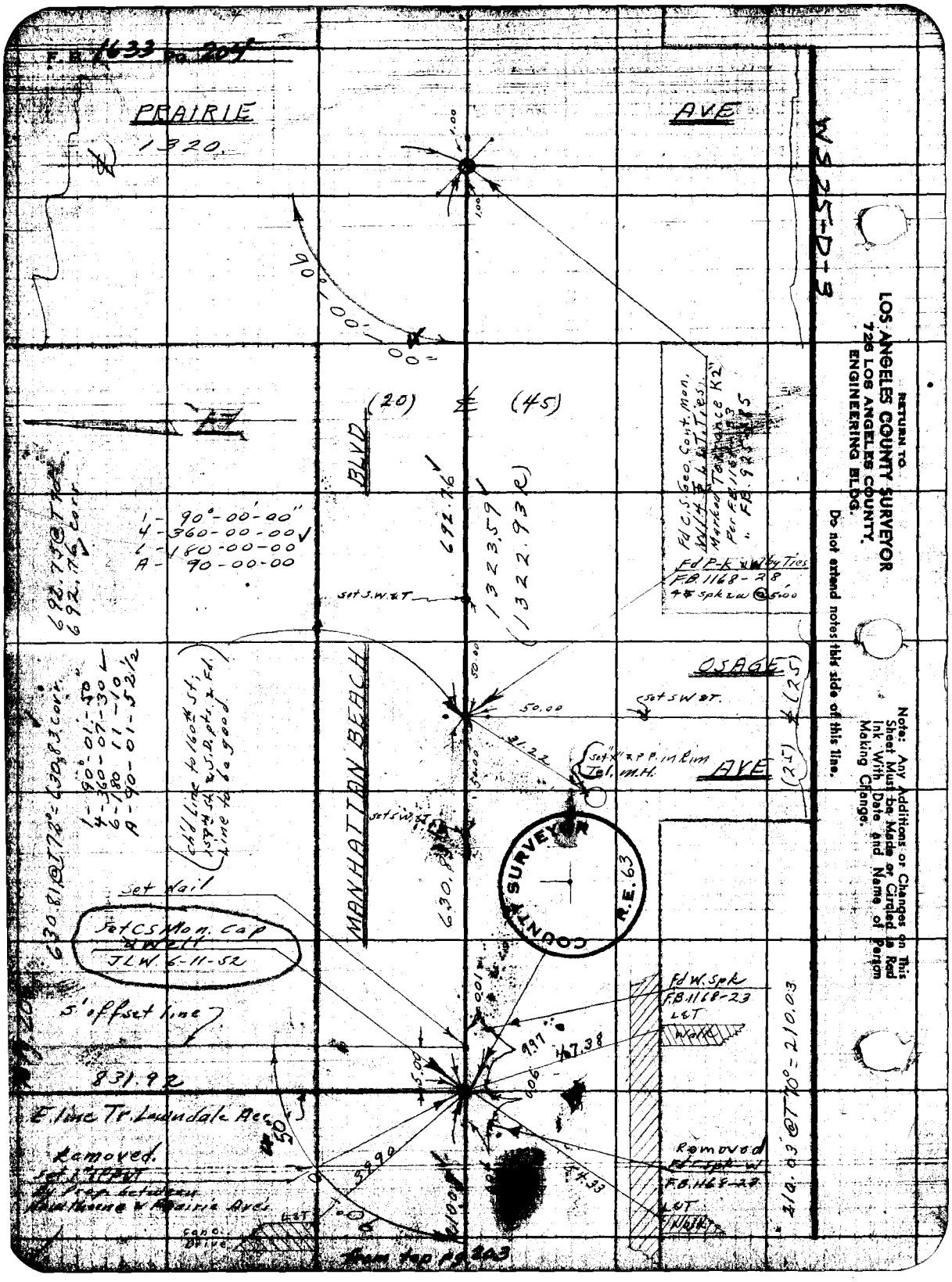

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726 LOS ANGELES COUNTY
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F.B. 1633 Pg. 205

Map No. | W.O. | Tape No.
Office Work | Surveyed by J.L. Willey
Checked | Notes JLW Date 4-52
Date | Indexed

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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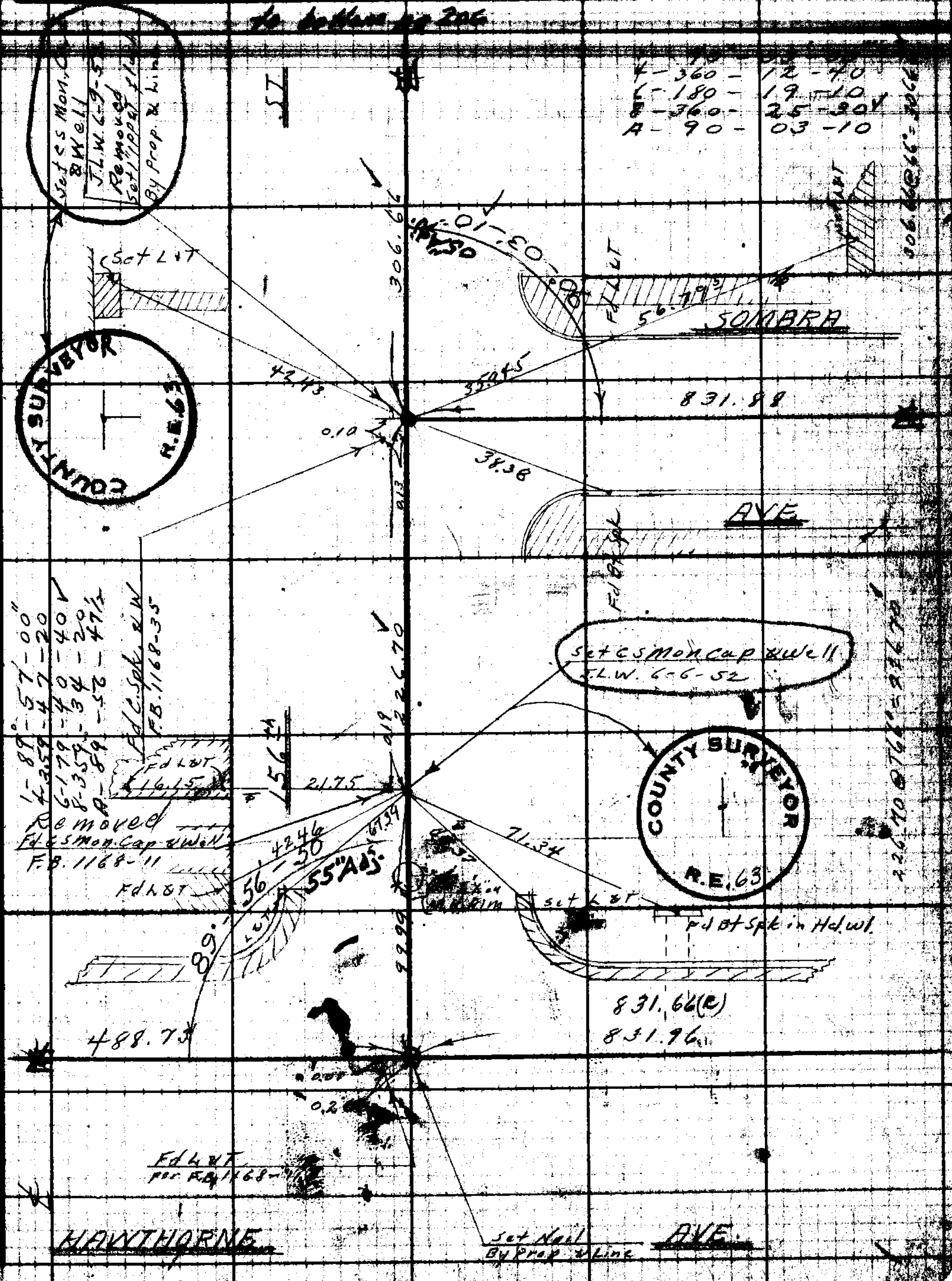
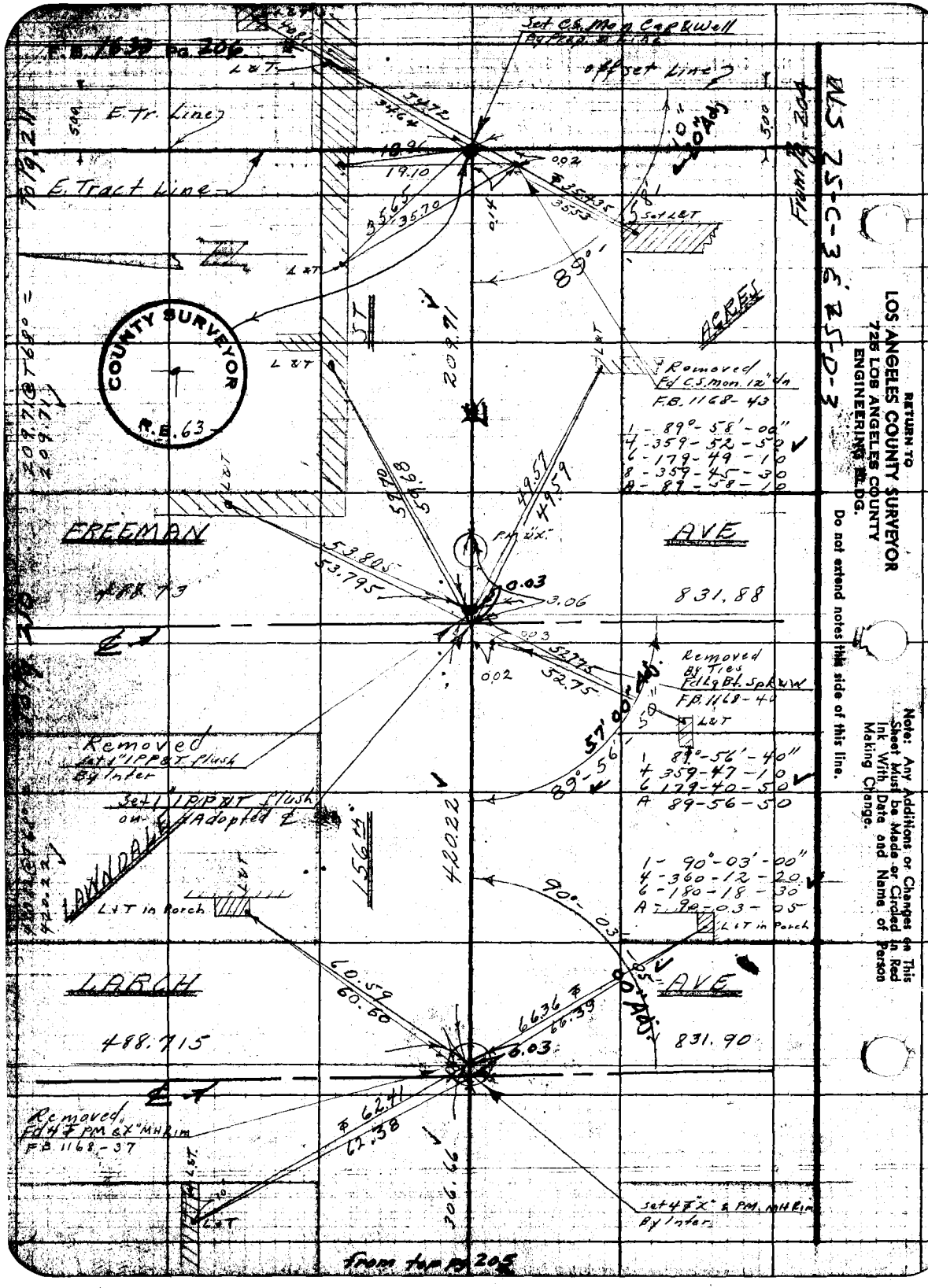


76F309S 247 2-51



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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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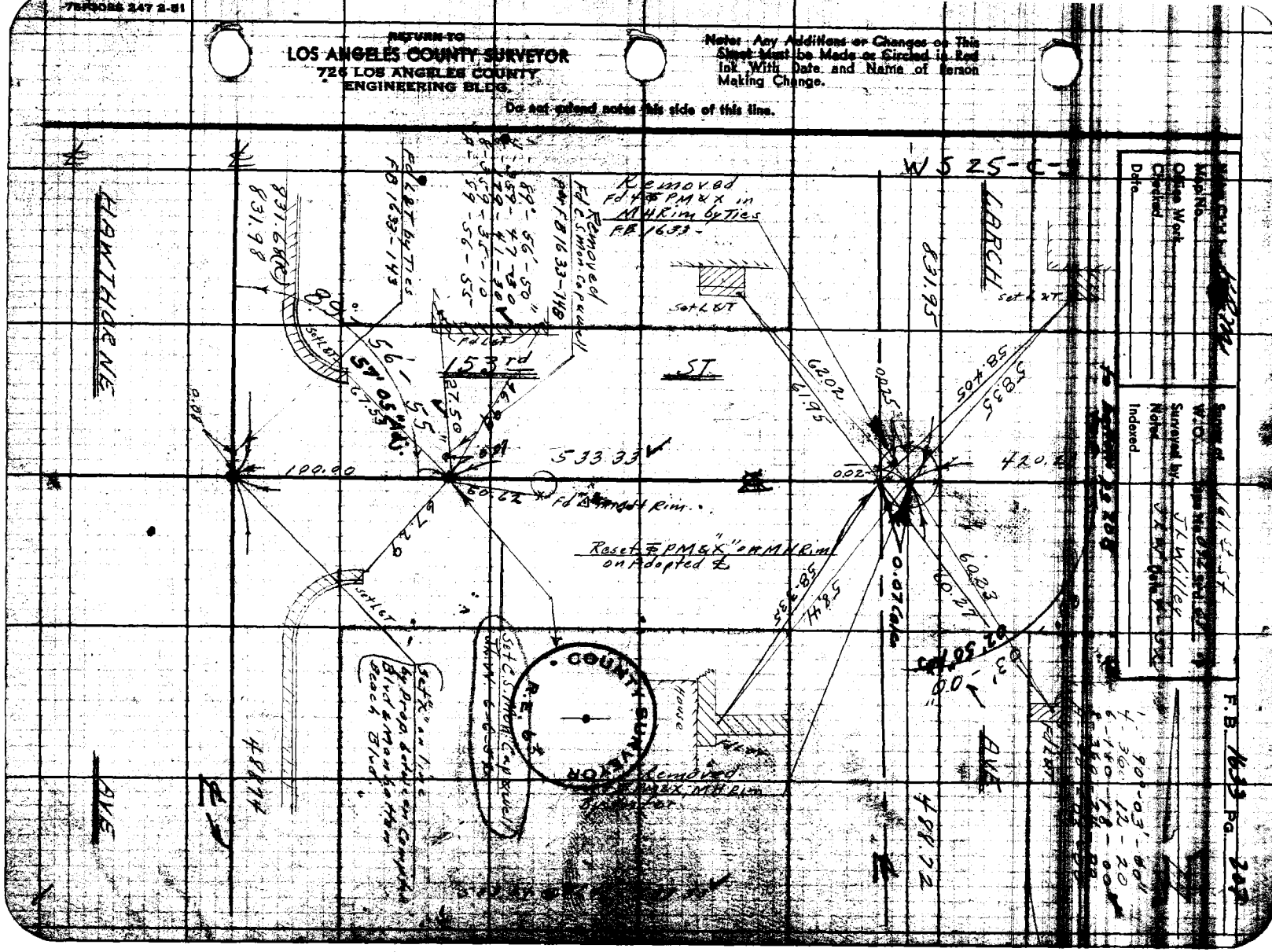

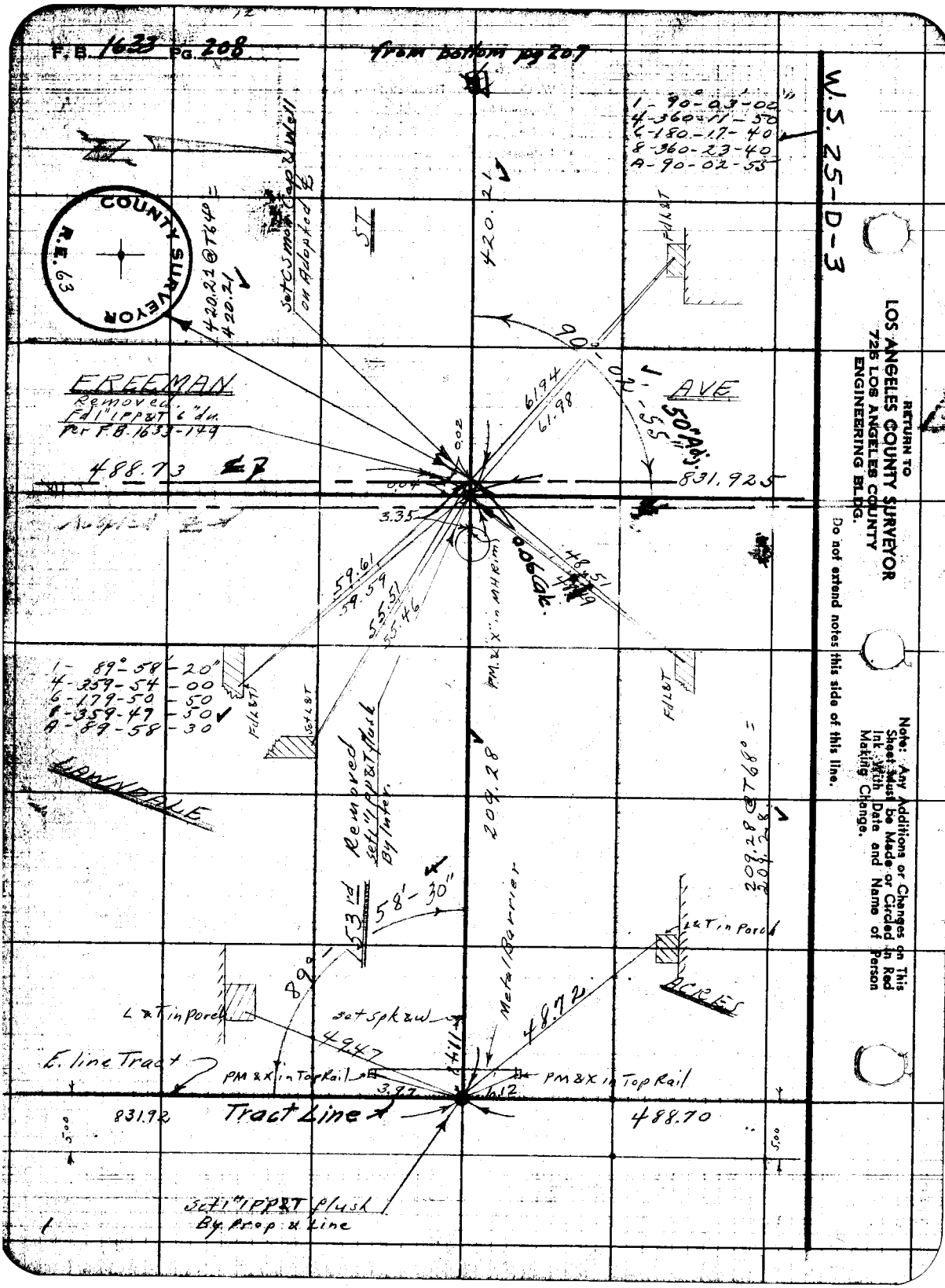

RETURN TO
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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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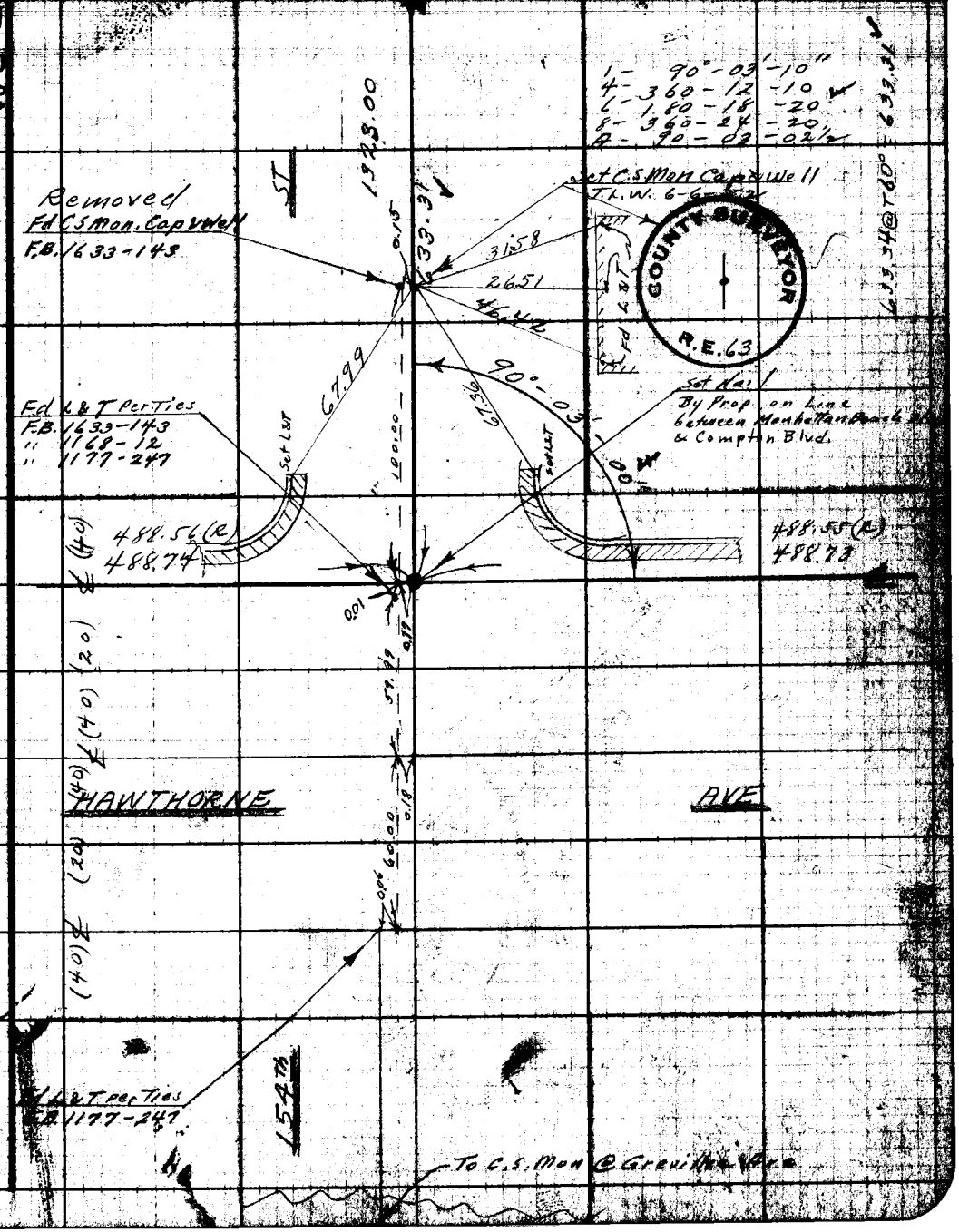
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

F.B. 1633 PG. 209

Map No.	W.O. Tape No. 892 Std. 68 °F
Office Work	Surveyed by J. L. Willey
Checked	Notes J. L. W. Date 4-32
Date	Indexed



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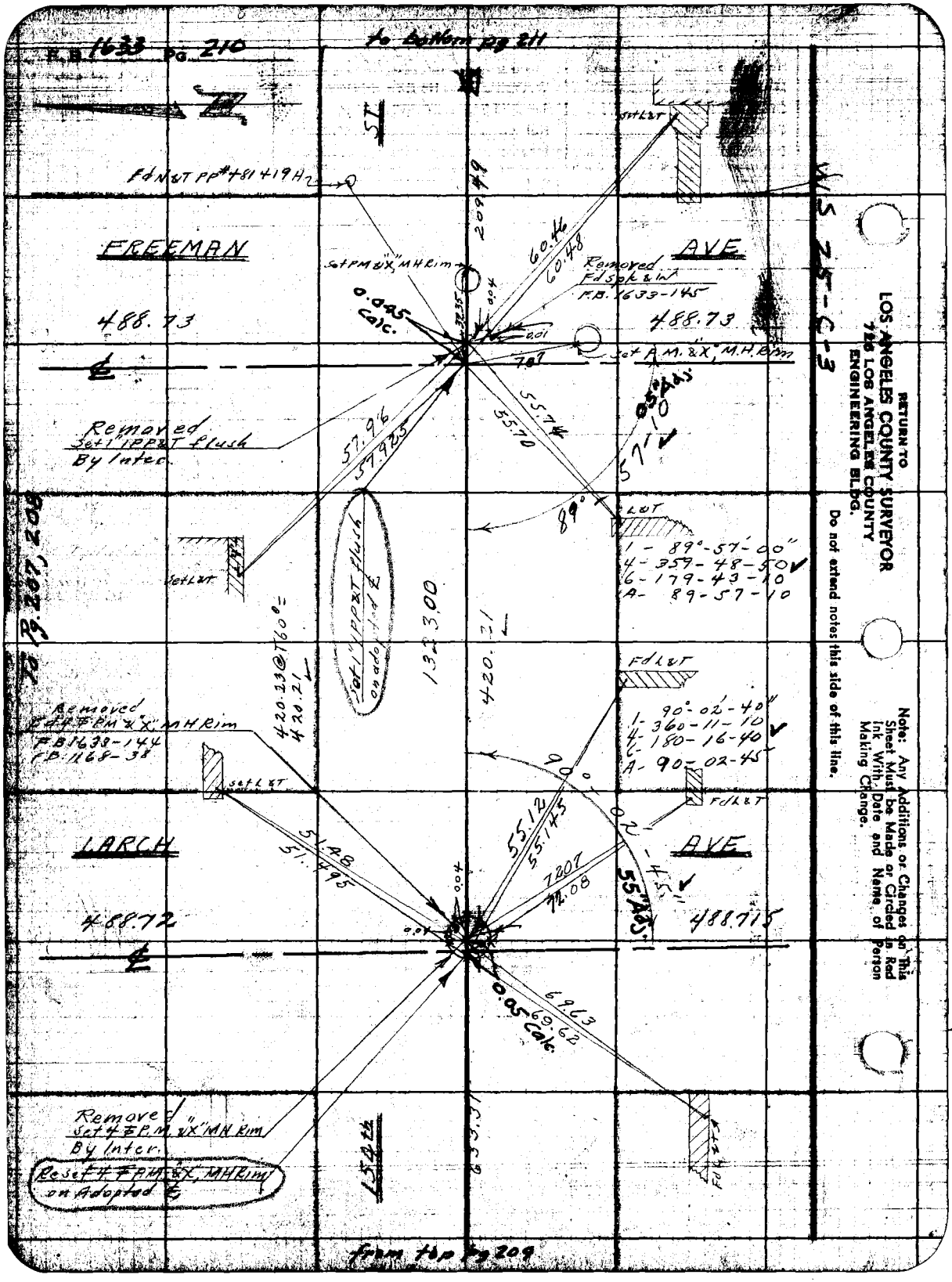
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51



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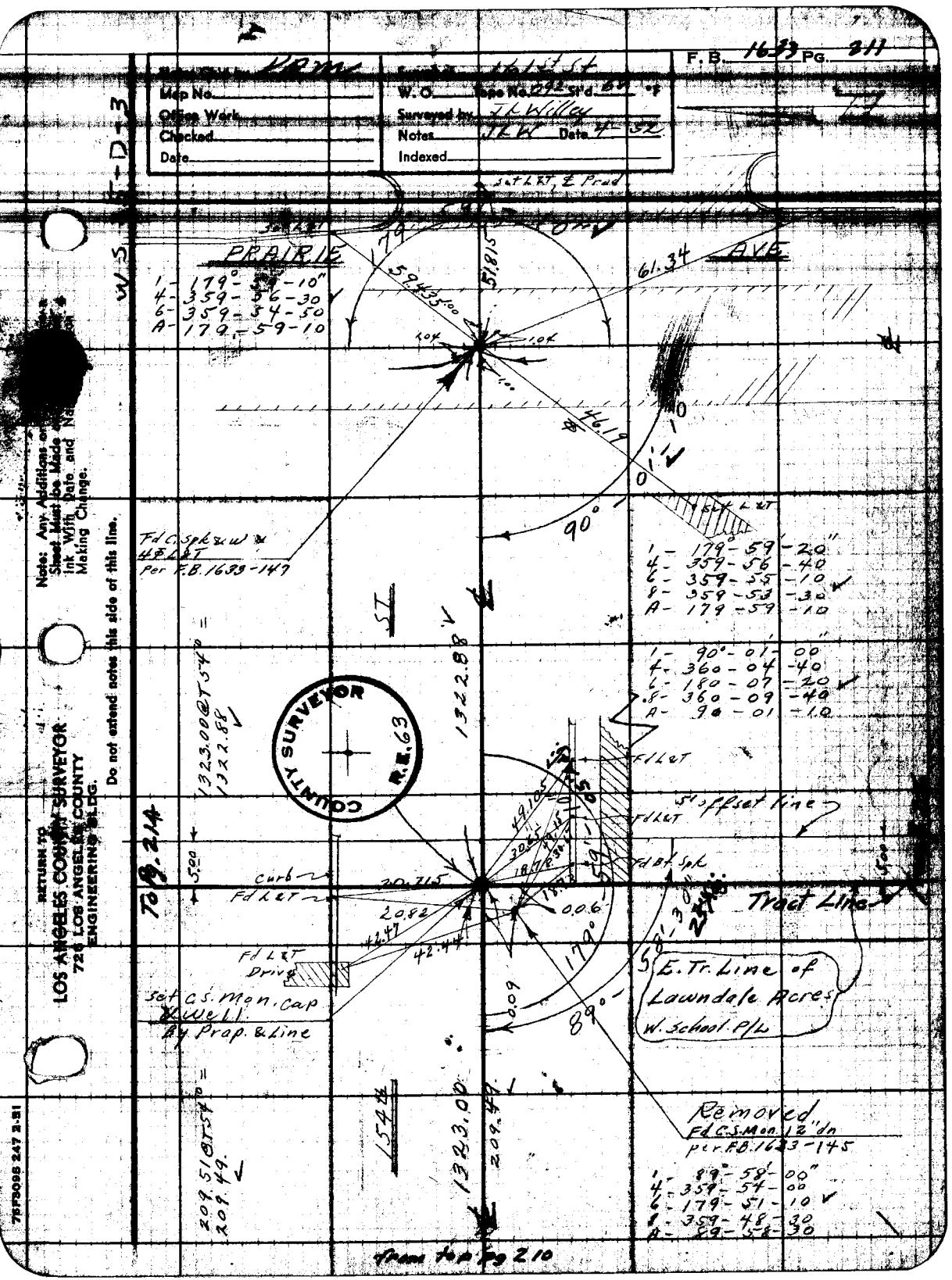
F.B. 1633 Pg. 211
Map No.
Office Work
Checked
Date
W.O.
Surveyed by J.L. Willey
Notes JLW Date 4-52
Indexed
PRAIRIE AVE
1- 179°-59'-10"
4- 359-56-30
6- 359-54-50
A- 179-59-10
61.34
59.435
51.815
46.19
90°
Fd C.Spk & W & 4 Φ L&T Per F.B. 1633-147
1- 179°-59'-20"
4- 359-56-40
6- 359-55-10
8- 359-53-30
A- 179-59-10
1- 90°-01'-00"
4- 360-04-40
6- 180-07-20
8- 360-09-40
A- 90-01-10
1323.00@T54° = 1322.88
1322.88
COUNTY SURVEYOR R.E. 63
Fd L&T
5' offset line
Fd Bt Spk
Curb
Fd L&T
20.715
20.82
42.47
42.44
0.06
0.09
Tract Line
Fd L&T Drive
Set C.S. Mon. Cap & Well By Prop. & Line
179°
89°
E. Tr. Line of Lawndale Acres W. School P/L
Removed Fd C.S. Mon. 12" dn per F.B. 1633-145
1- 89°-58'-00"
4- 359-54-00
6- 179-51-10
8- 359-48-30
A- 89-58-30
1323.00
209.49
209.51@T54° = 209.49
To Pg. 214
Note: Any Additions or Sheet Must be Made Ink With Date and Making Change.
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RETURN TO LOS ANGELES COUNTY SURVEYOR 726 LOS ANGELES COUNTY ENGINEERING BLDG.
75F3095 247 2-51
From top Pg 210

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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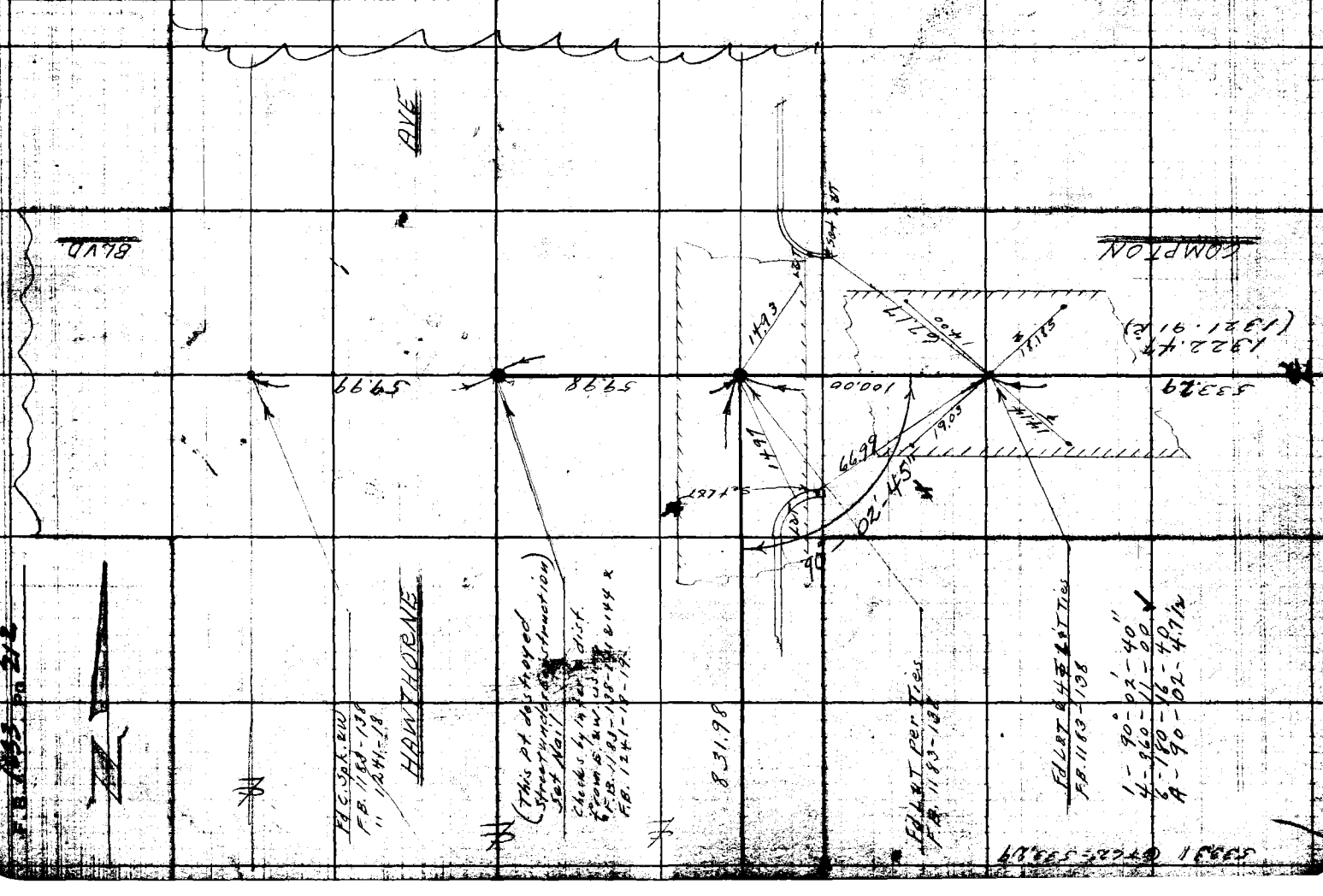
W.S 25-C-2



F.B. 1633 Pg. 213

[illegible] Hawthorne

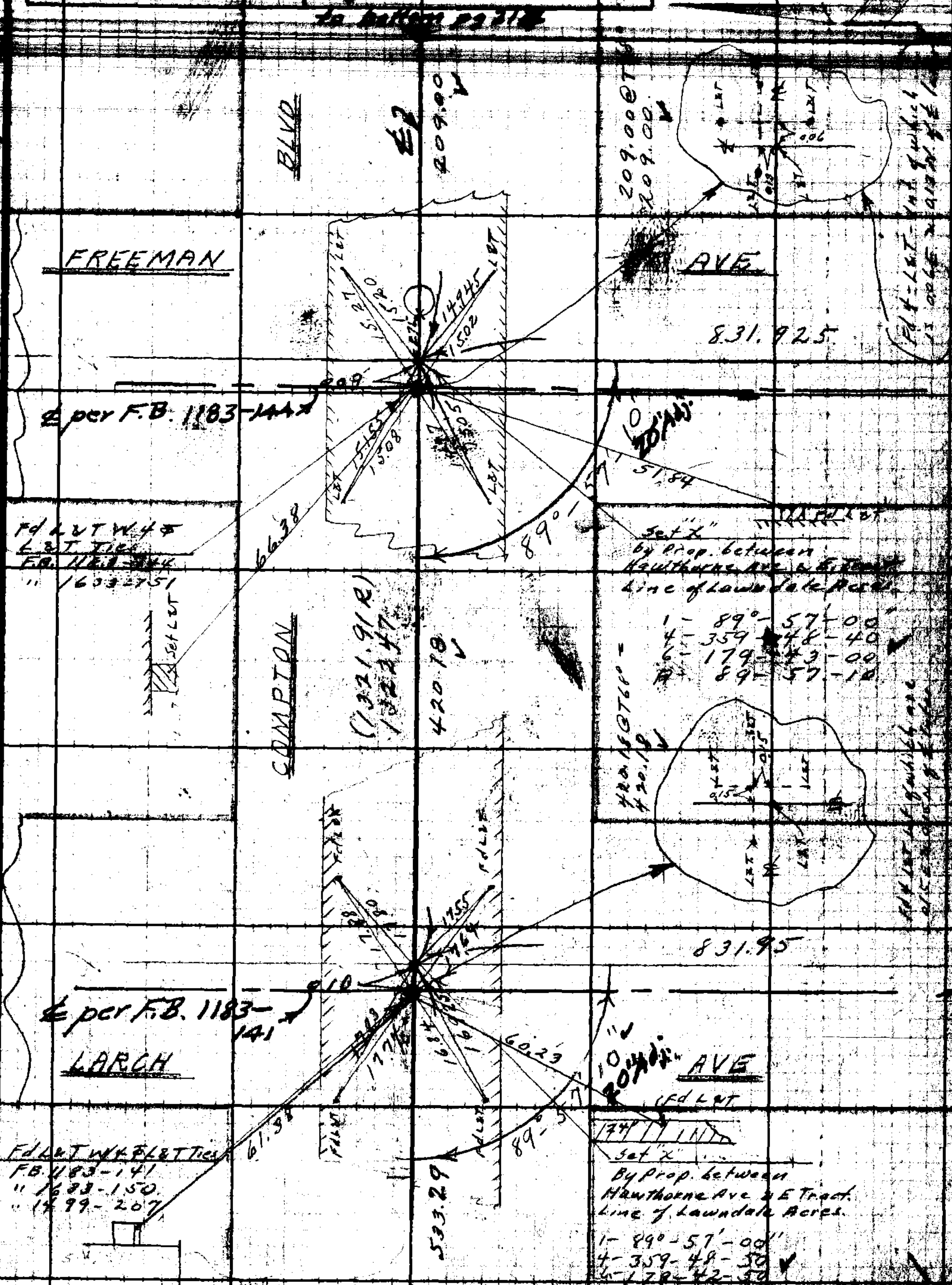
Map No. ______ W. O. ______ Tape No. 292 St'd 68

Office Work ______ Stamped by J. L. Willey

Checked ______ Notes J.L.W. Date 4-'52

Date ______ Plotted ______

to bottom pg 212



WS 25-0-2

W/S 2-0-2

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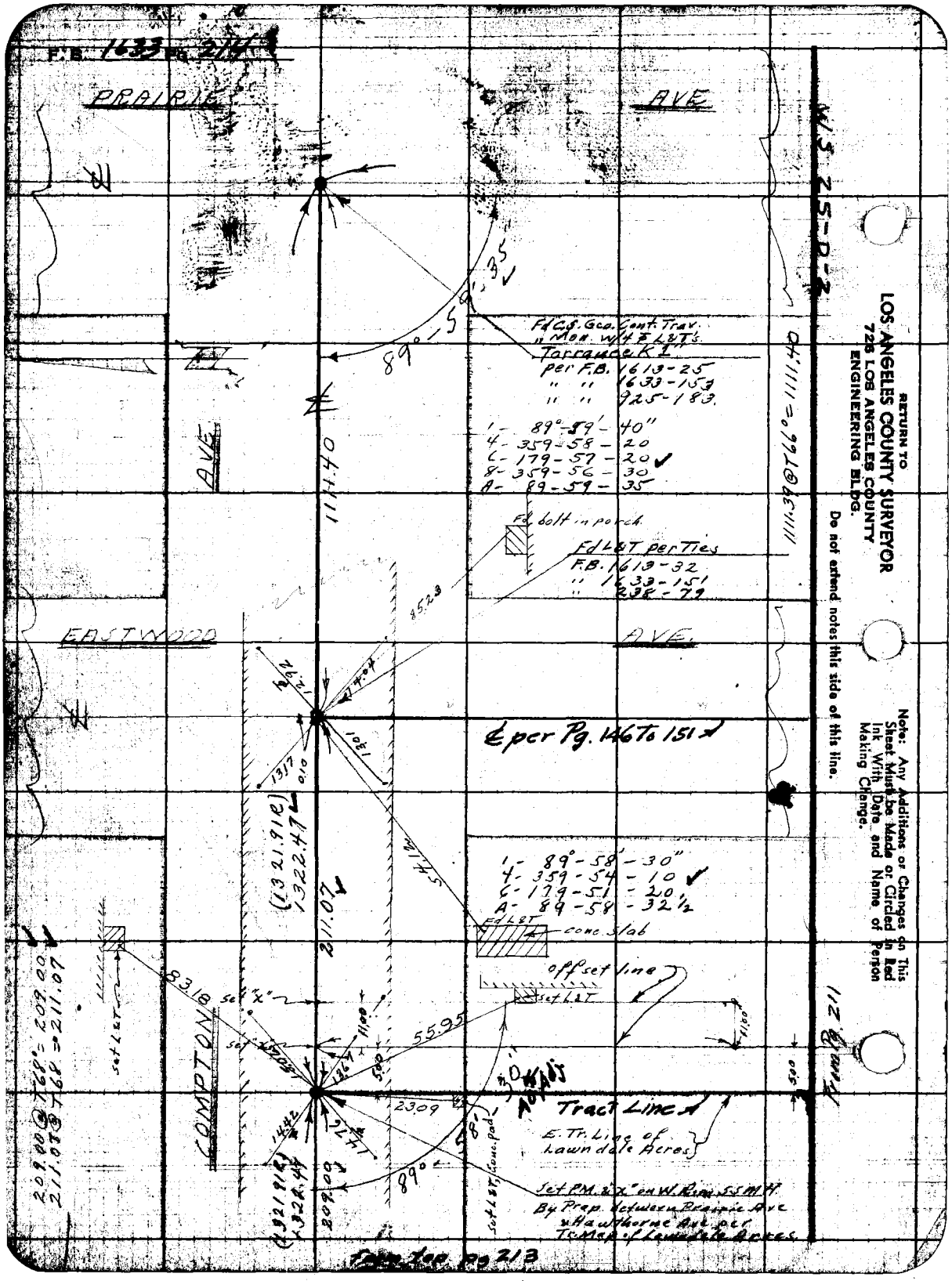
RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3086 247 2-51


F.B. 1633 Pg. 214
PRAIRIE AVE
EASTWOOD AVE.
COMPTON AVE
W.S. 25-D-2
89°-59'-35"
Fd C.S. Geo. Cont. Trav.
" Mon. w/4 ℄ L&T's.
Torrance K 1"
per F.B. 1613-25
" " 1633-153
" " 925-183.
1- 89°-59'-40"
4- 359-58-20
6- 179-57-20
8- 359-56-30
A- 89-59-35
Fd bolt in porch
Fd L&T per Ties
F.B. 1613-32
" 1633-151
" 238-79
1111.40
1111.39 @ T66° = 1111.40
85.23
℄ per Pg. 146 To 151
1- 89°-58'-30"
4- 359-54-10
6- 179-51-20
A- 89-58-32½
Fd L&T
conc. slab
off set line
set L&T
83.18
set "X"
55.95
23.09
Tract Line
E. Tr. Line of Lawndale Acres
Set P.M. & "X" on W. Rim SSMH
By Prep. between Prairie Ave & Hawthorne Ave per Tr. Map of Lawndale Acres.
209.00 @ T68° = 209.00
211.07 @ T68 = 211.07
(1321.91R)
1322.47
211.07
209.00
From Pg. 211
From top pg 213
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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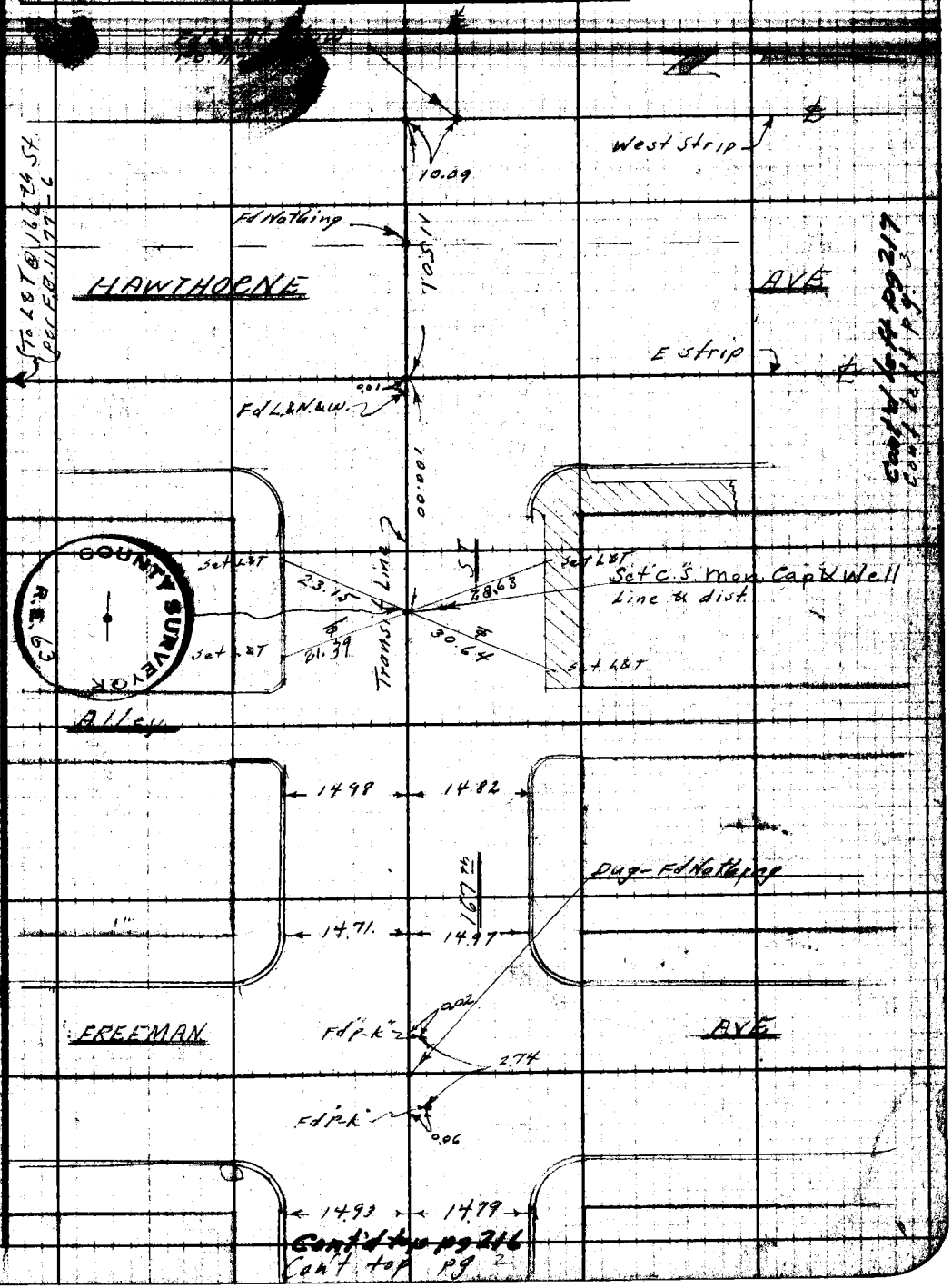
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

F. B. 1633 Pg. 215

Map No.	W. O. 7000 Tape No. St'd. °F
Office Work	Surveyed by J. L. Willey
Checked	Notes Date 2-11-52
Date	Indexed G. Johnson



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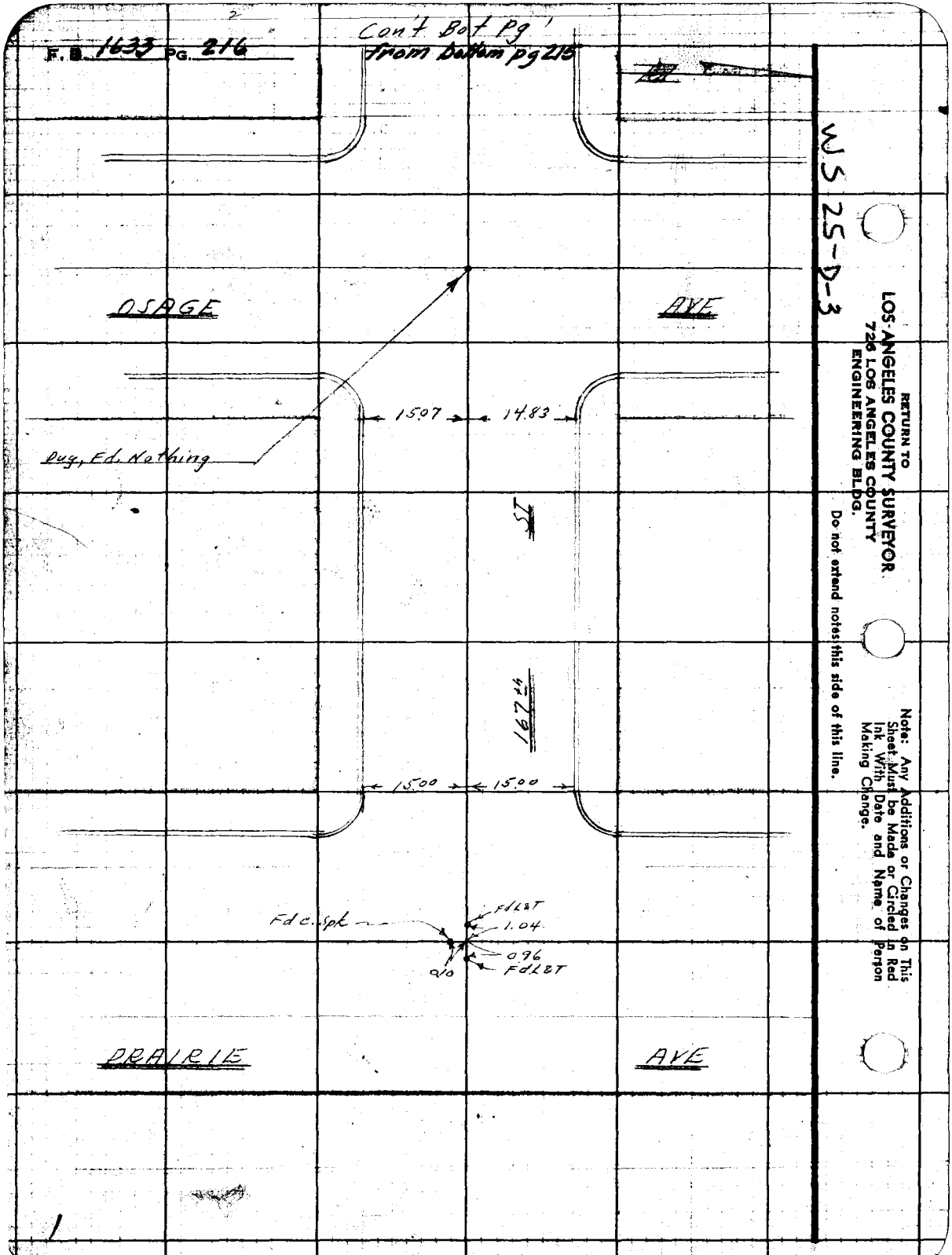
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1633 PG. 216

Con't Bot Pg 1
from Bottom pg 215



WS 25-D-3

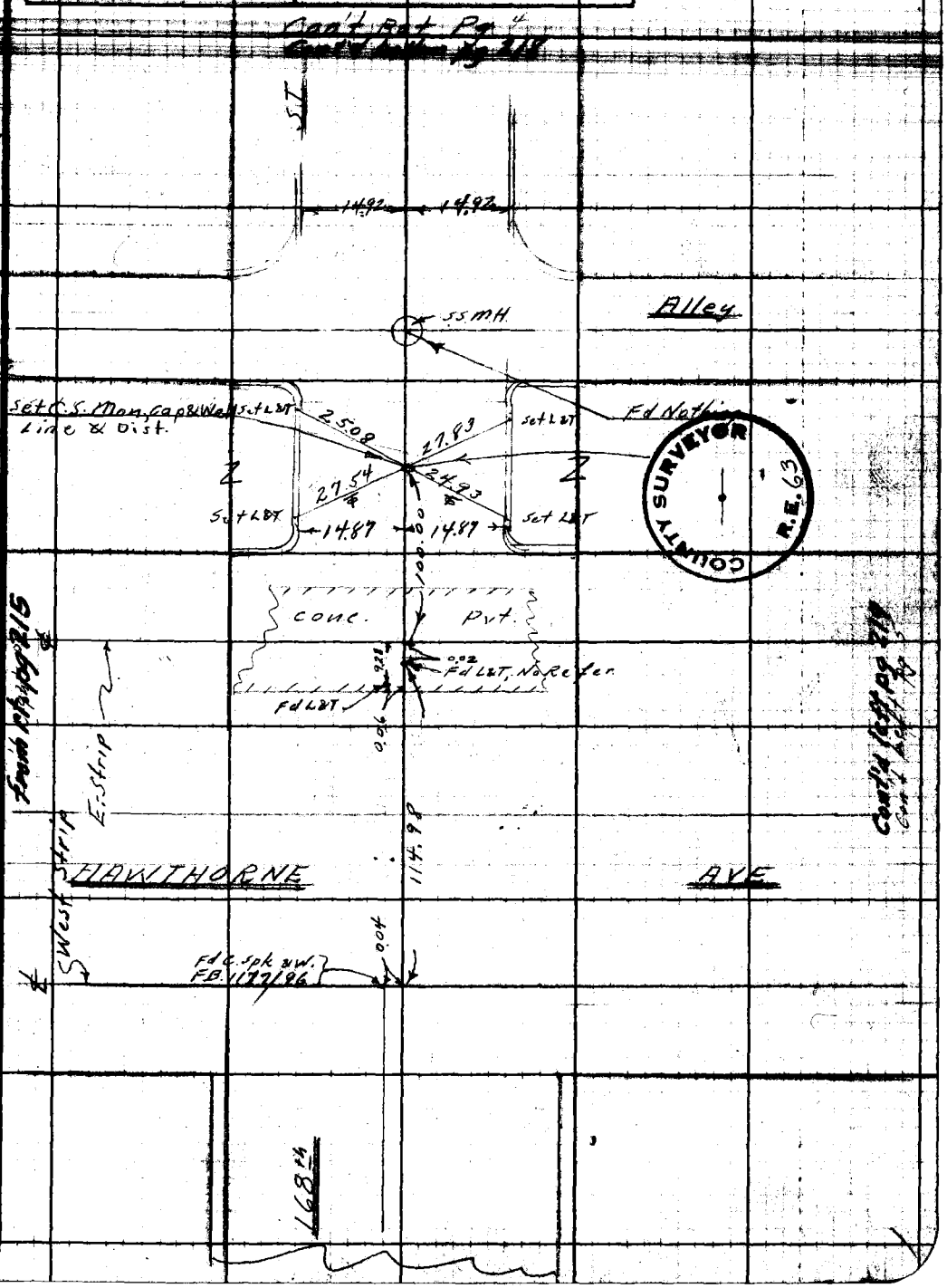
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

F.B. 1633 PG. 217

Notes Ch'd by	Survey of Misc Survey
Map No.	W. O. 7000 Tape No. St'd. °F
Office Work	Surveyed by J. L. Willey 2-11-52
Checked	Notes Date
Date	Indexed



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

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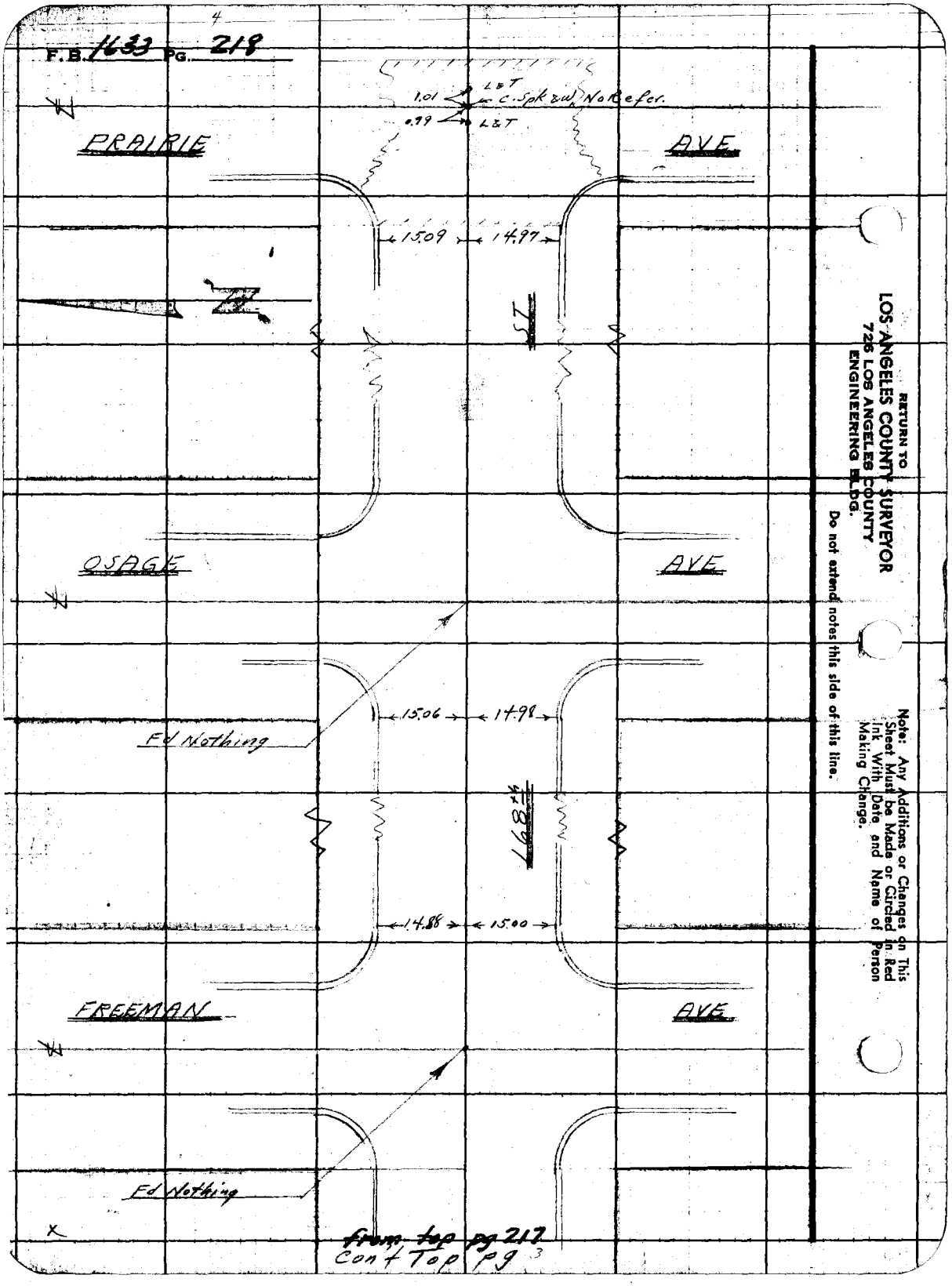
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 2-51

F.B. 1633 PG. 218



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

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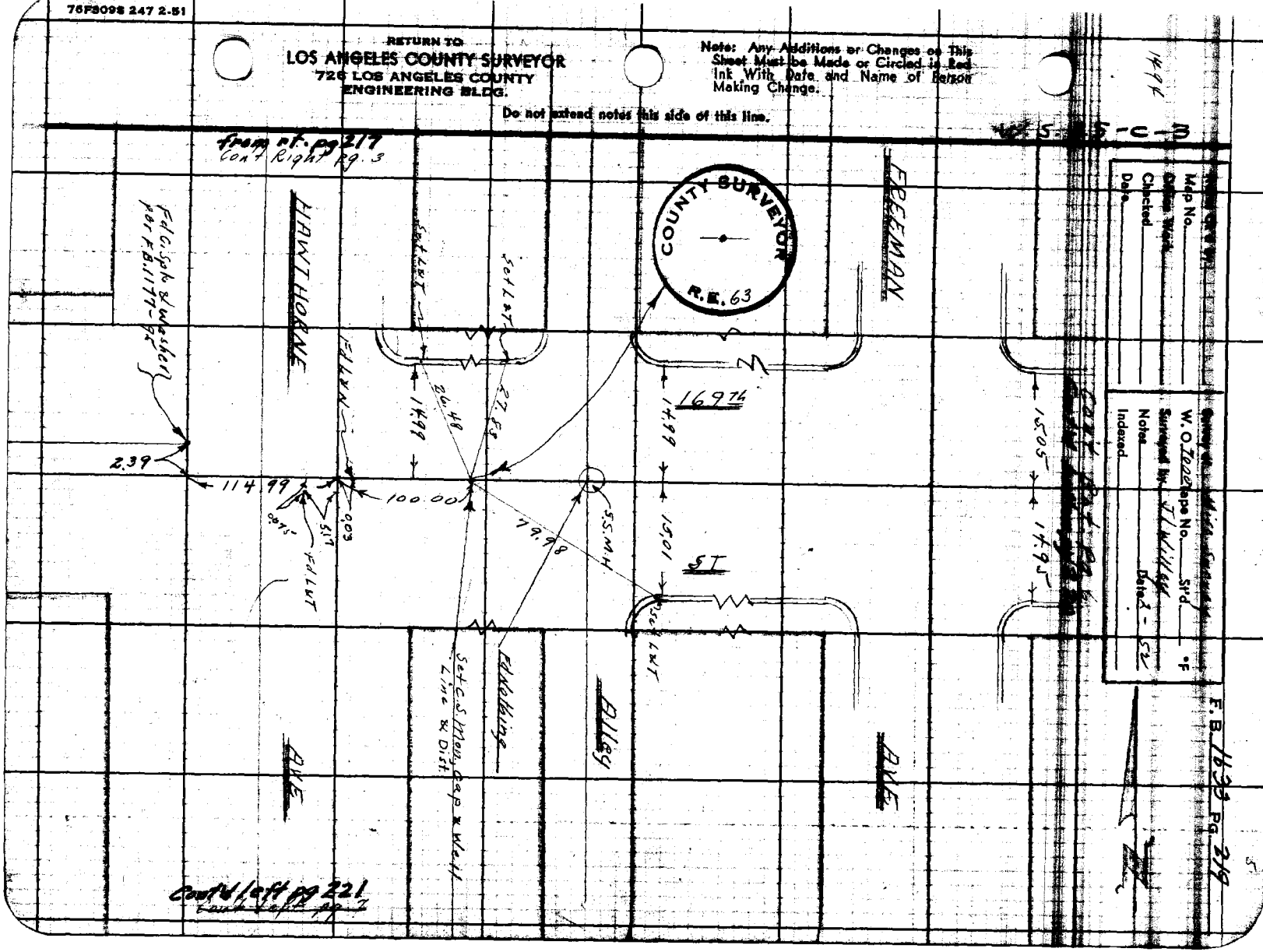
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

76F8098 247 2-51

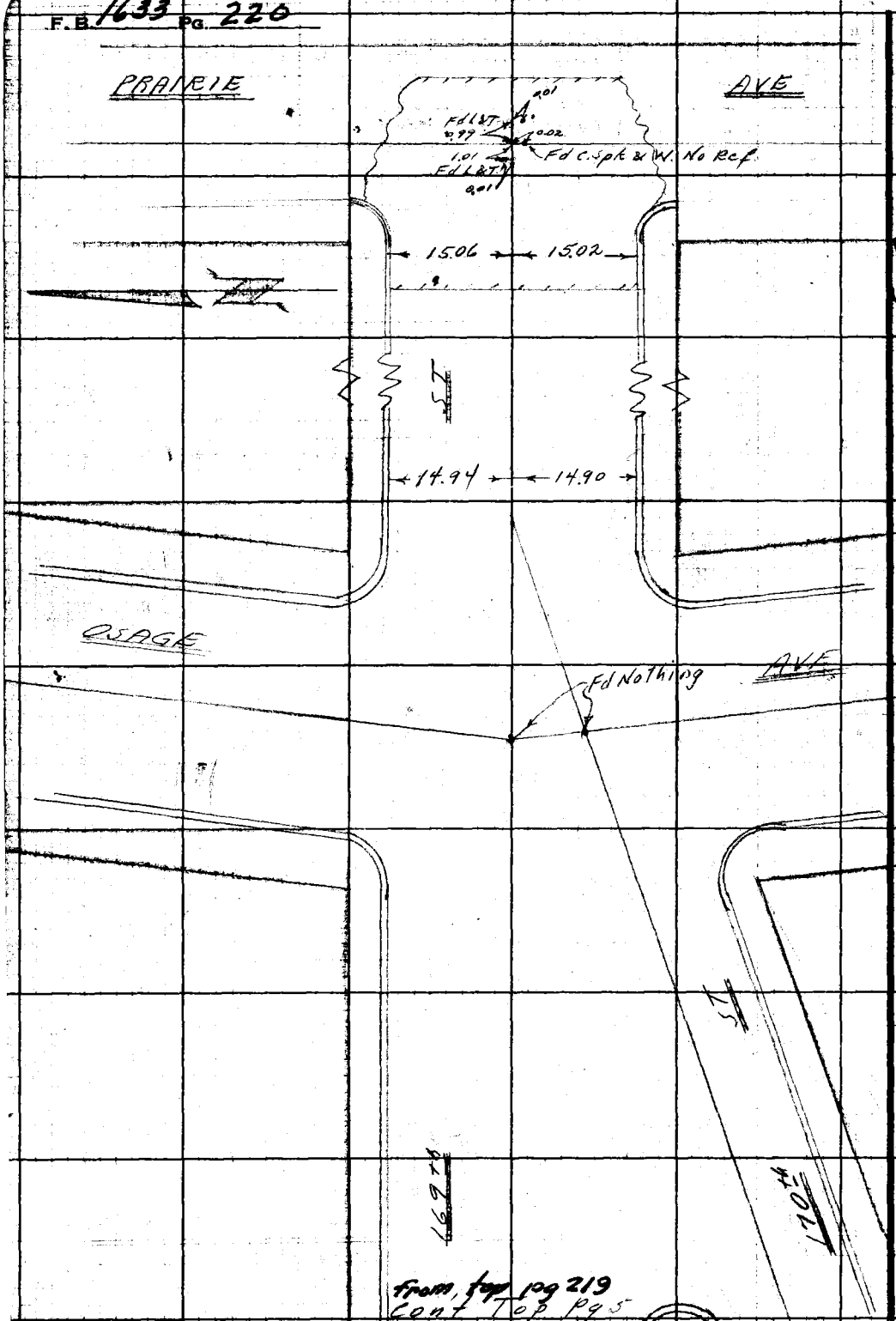
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.



F.B. 1633 Pg. 220



WS 25-D-3

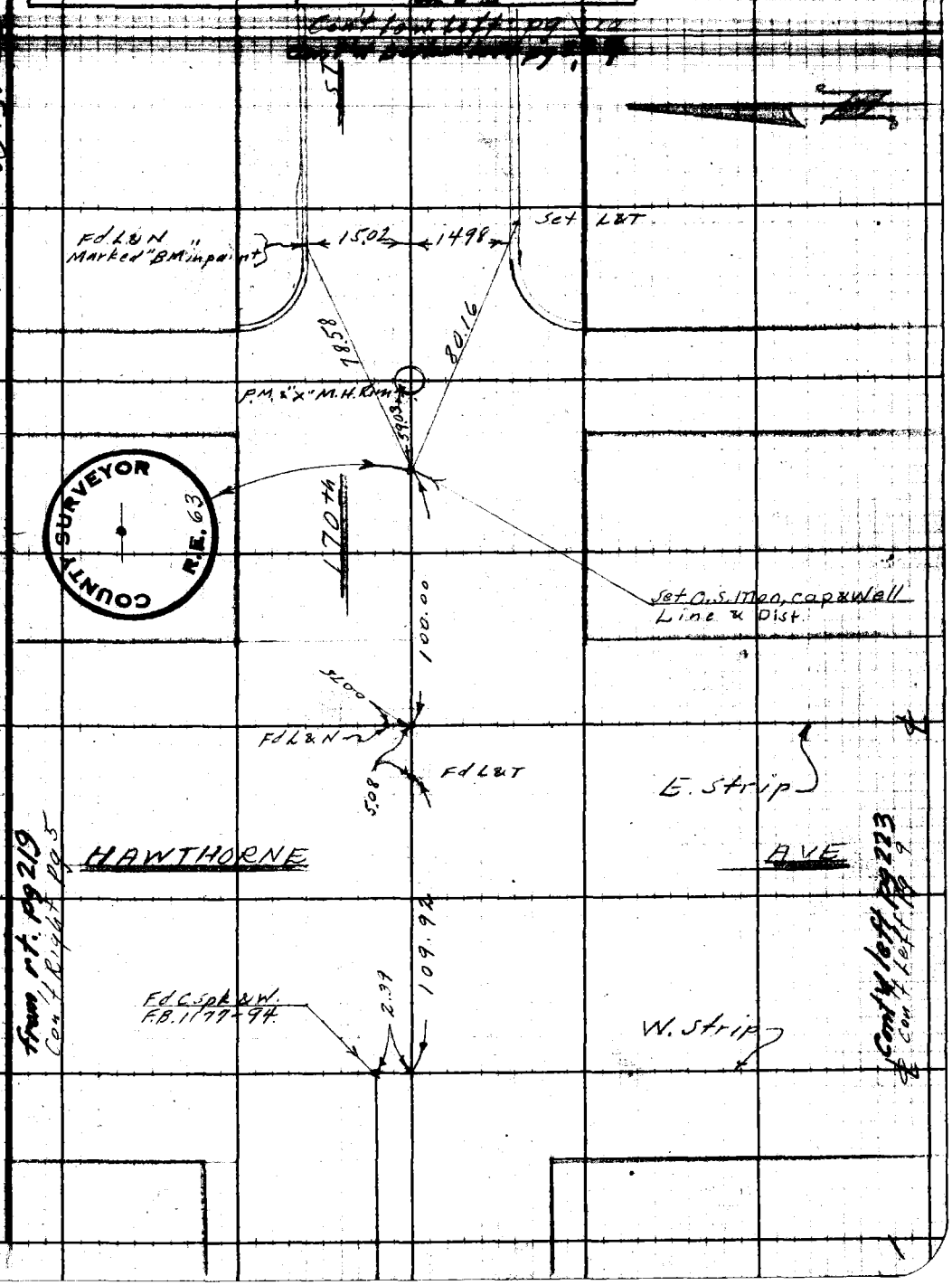
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

F.B. 1633 Pg. 221

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 7000 Tape No. St'd. °F
Office Work	Surveyed by J. L. Willey
Checked	Notes Date 2-5-21
Date	Indexed G. 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 SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

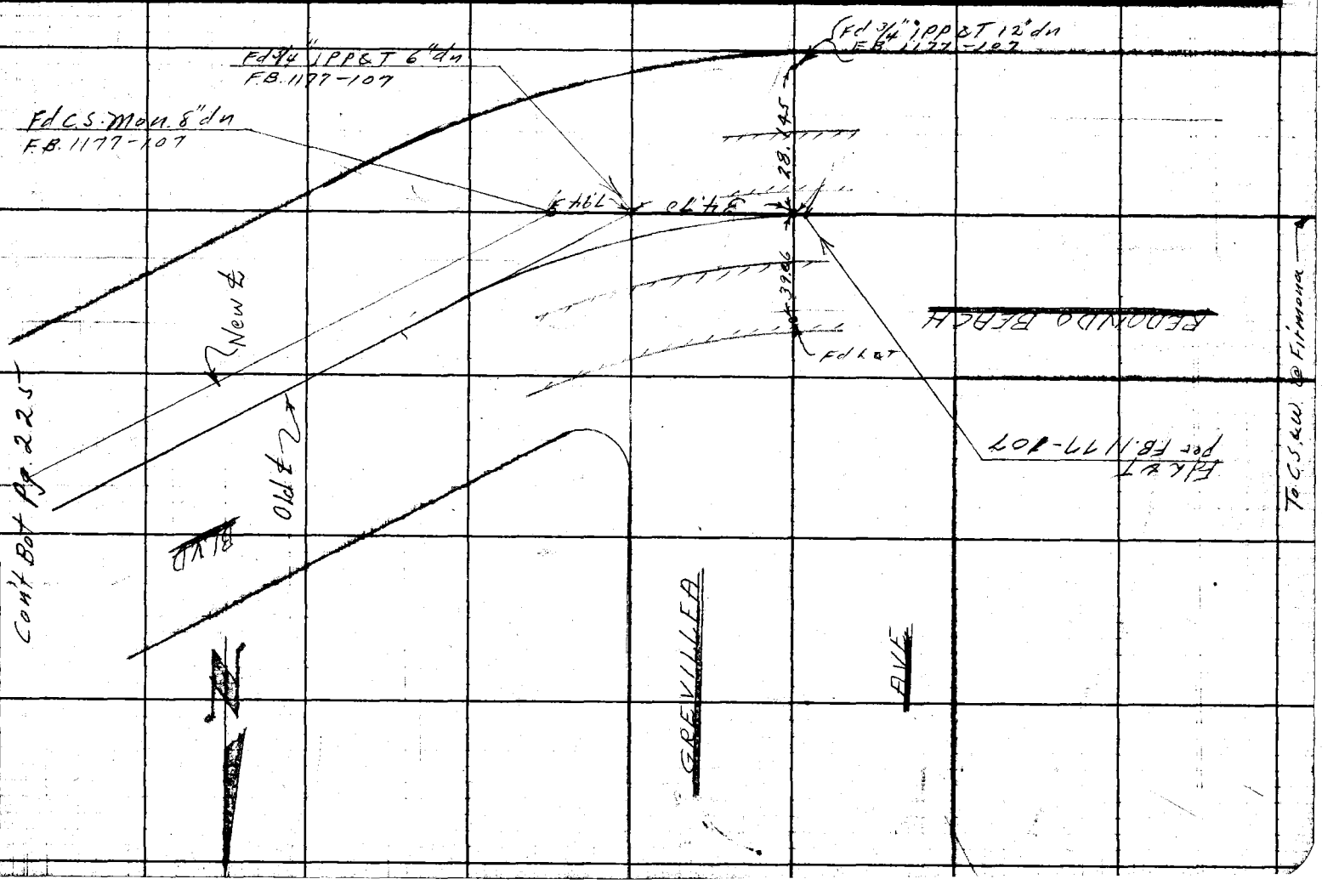
76F3096 247 2-51

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

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

Do not extend notes this side of this line.

W.S 25-C-3



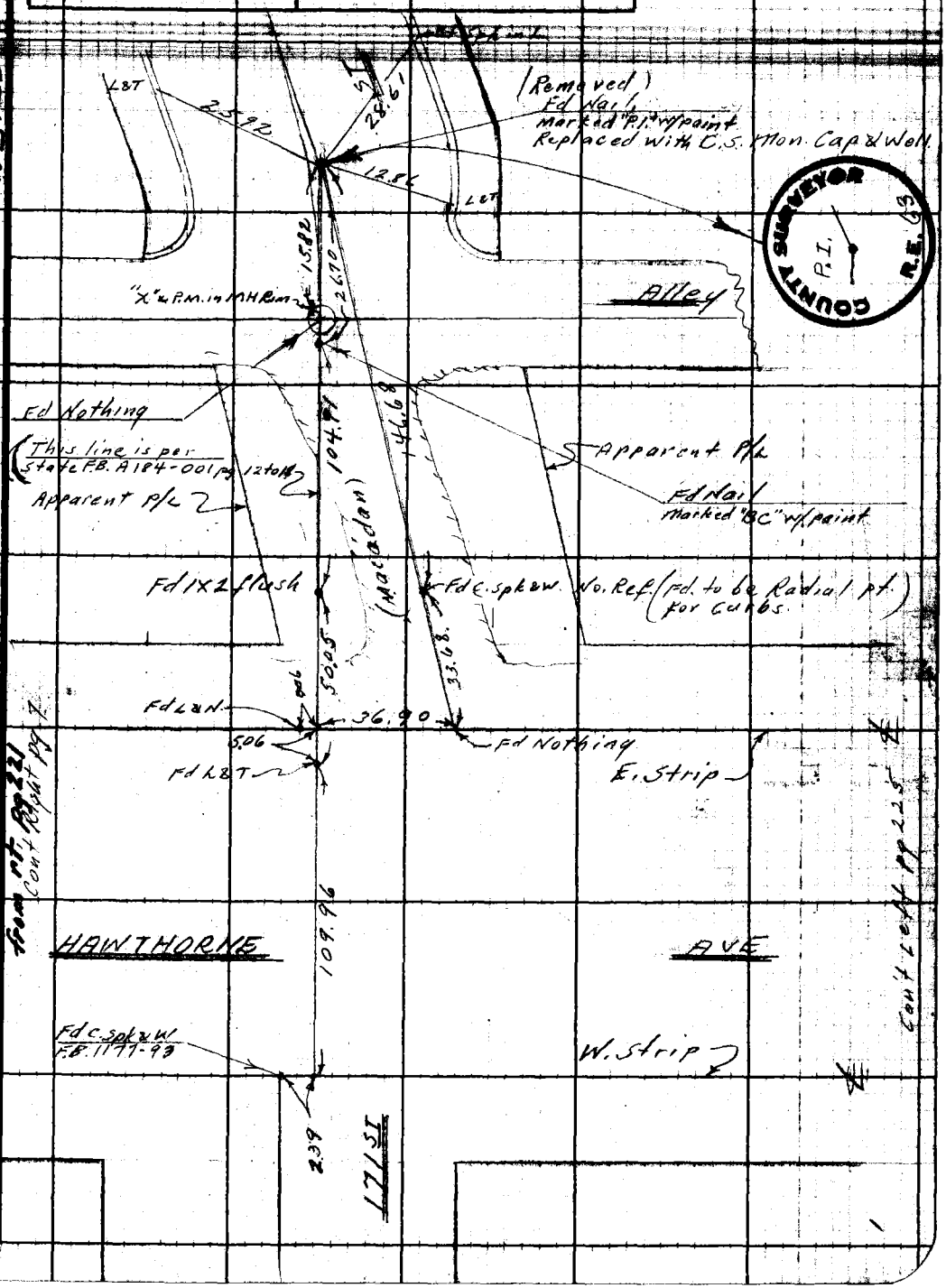
F.B. 1633 Pg. 222

9

F.B. 1633 Pg. 223

Map No.	Survey of [illegible]
Office Work	W. O. 7000 Tape No. St'd. °F
Checked	Surveyed by J. L. Willey
Date	Notes Date 2-52
	Indexed

W.S. 25-4-3



COUNTY SURVEYOR P.I. R.E. 63

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

Do not extend notes this side of this line.

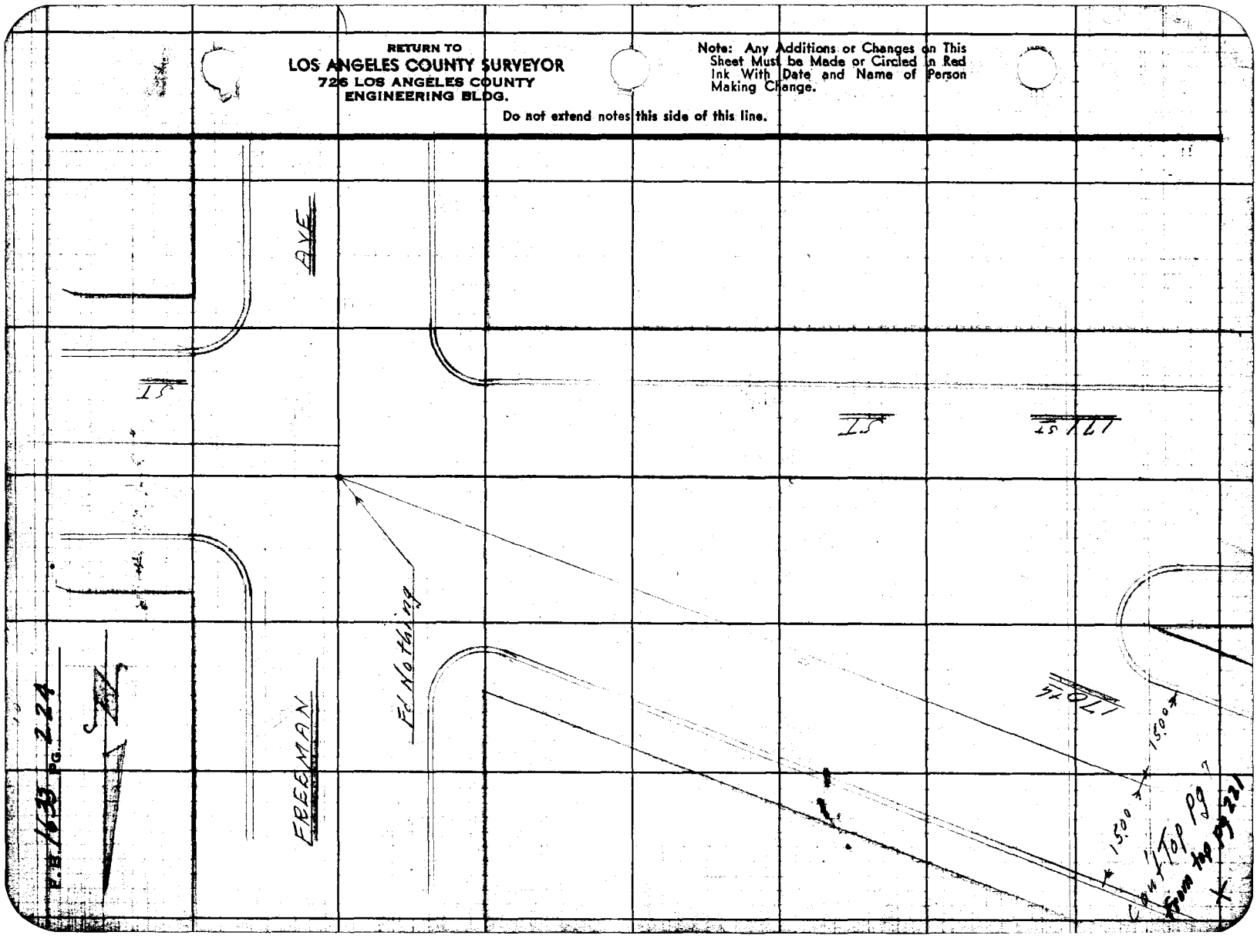
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

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

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

Do not extend notes this side of this line.



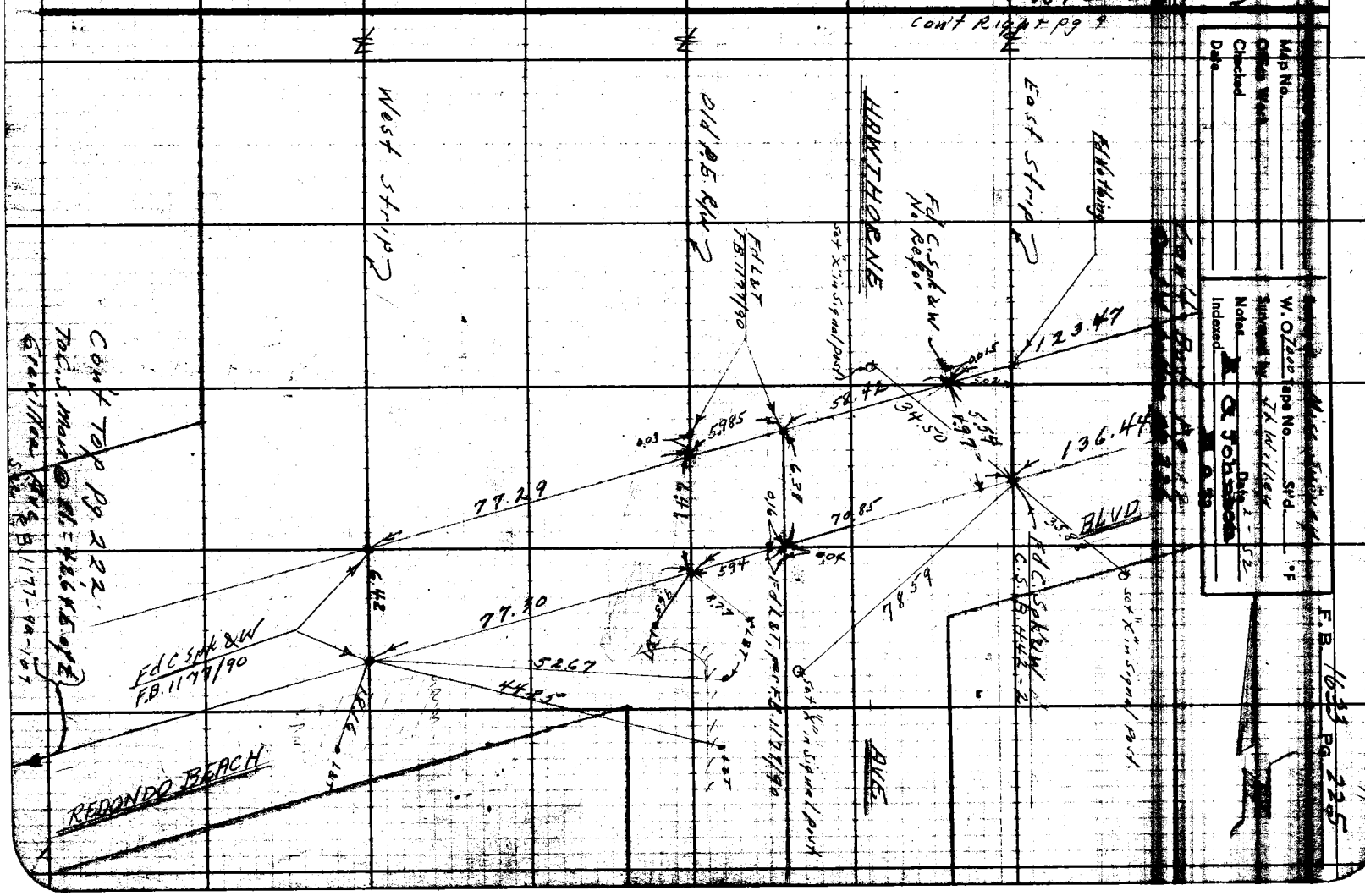
76F3096 247 2-51

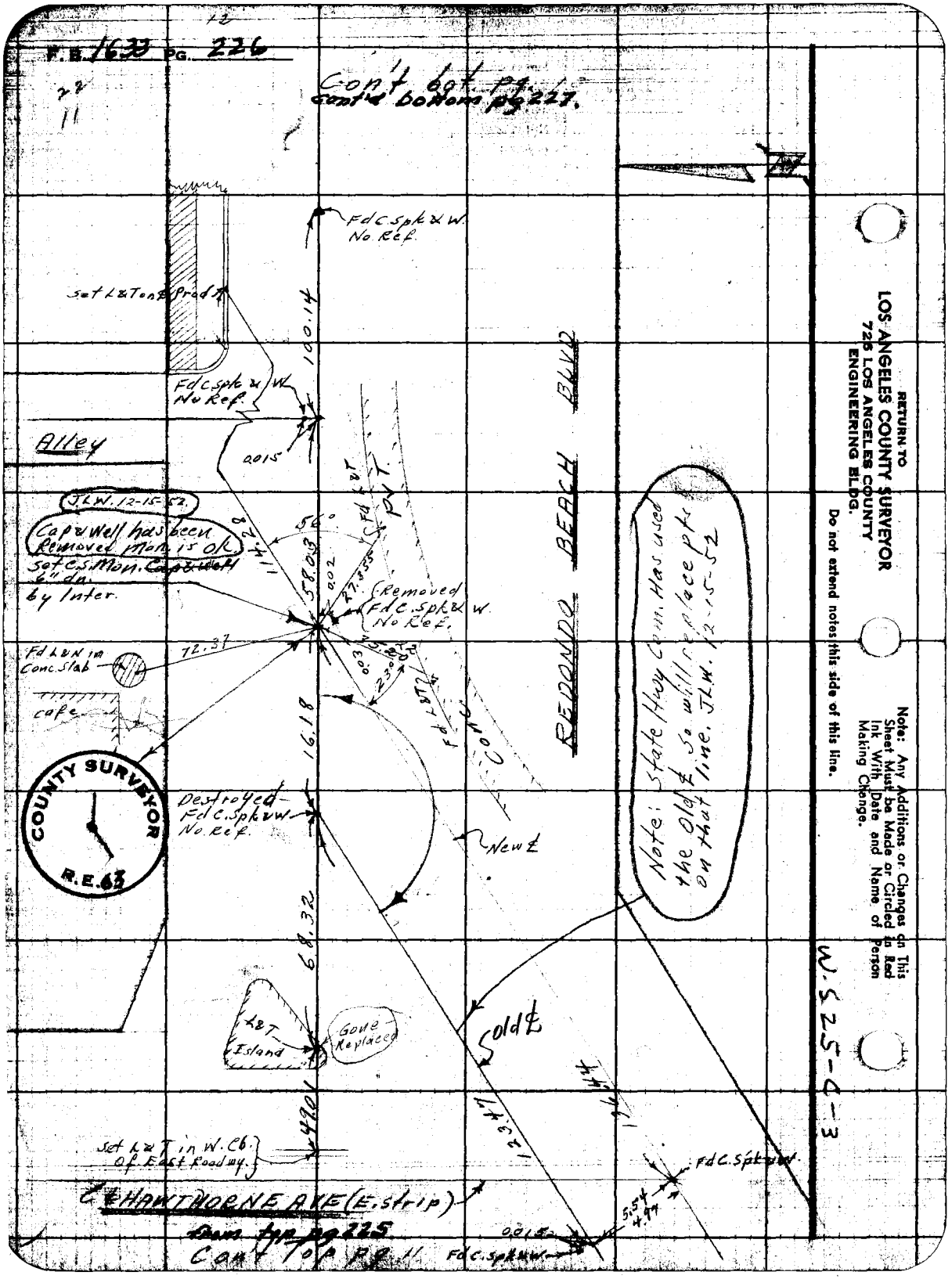
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.

W.S. 25-C-3



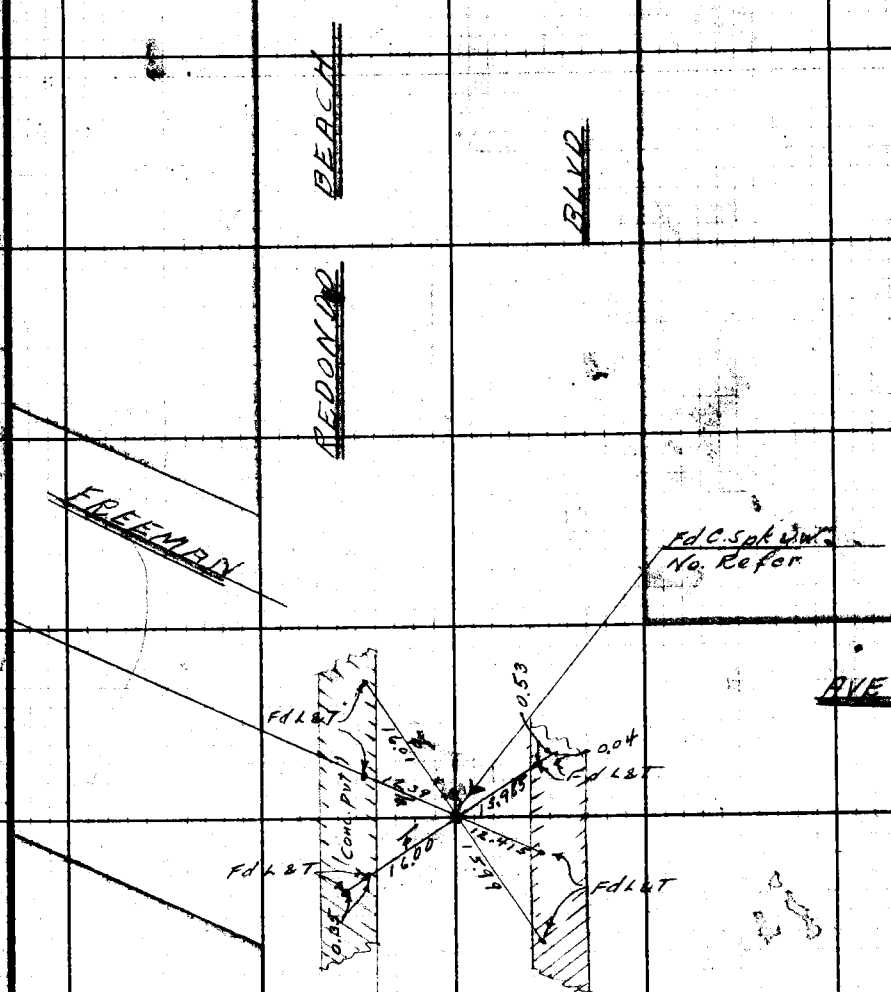

F.B. 1633 PG. 226
Con't bot. pg.
Cont'd bottom pg 227.
Fd C.Spk & W. No Ref.
Set L&T on ℄ Prod ℄
100.14
Fd C.Spk & W. No Ref.
0.015
Alley
J.L.W. 12-15-52.
Cap & Well has been Removed Mon. is ok.
Set C.S. Mon. Cap & Well 6" dn. by Inter.
56°
114.28
58.03
0.02
27.355
Removed Fd C.Spk & W. No Ref.
Fd L&T
Pvt.
REDONDO BEACH BLVD
Note: State Hwy Com. Has used the Old ℄ So will replace pts on that line. J.L.W. 12-15-52
Fd L&N in Conc. Slab
72.37
cafe
16.18
Fd L&T
Conc.
COUNTY SURVEYOR
R.E. 63
Destroyed Fd C.Spk & W. No Ref.
New ℄
68.32
L&T Island
Gone Replaced
Old ℄
49.01
12.347
Set L&T in W. Cb. of East Roadway.
℄ HAWTHORNE AVE (E. strip)
from top pg 225
Cont Top pg 11
Fd C.Spk & W.
5.54
4.97
0.015
Fd C.Spk & W.
W.S.25-C-3
RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

F.B. 1633 Pg. 227

Name Ck'd by	
Map No.	W. O. 7000 Tape No. Std. °F
Office Work	Surveyed by J. L. W. Hay
Checked	Notes Date 2-52
Date	Indexed

W. S. 25-D-3

Cont'd bot pg 14
Cont'd [illegible] pg 228



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

Do not extend notes this side of this line.

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

76F3095 247 2-51

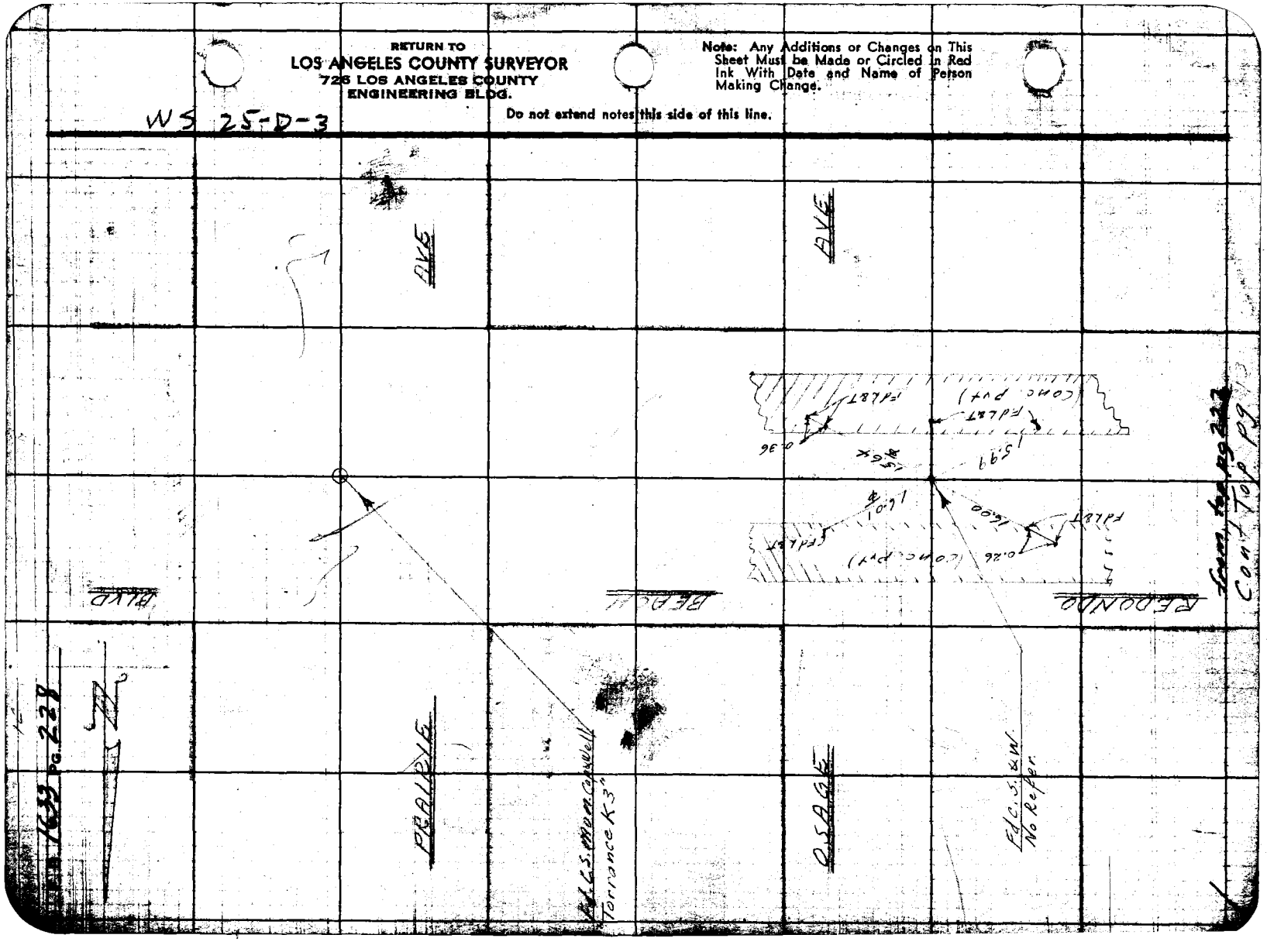
From top pg 226
Cont'd top pg 42

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

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

Do not extend notes this side of this line.

WS 25-D-3



Notes Ck'd by	Survey of Manhattan Beach Blvd
Map No. B-2430	JN 0303.00 Tape Std °F
Office Work W.O. Parwolas	Surveyed by G.S. Curtis
Checked	Notes Curtis Date 4-21-60
Date 5-16-60	Indexed A. C. Johnson 5-4-60

F. B. 1633 Pg. 227

J.N. 0303.00
Monuments Re-set &
New ℄ Ties
on Int's
Manhattan Beach Blvd.
With
Freeman Ave.
Larch Ave.
Sombra Ave.

Curtis
Burkholder
Yasui

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

Do not extend notes this side of this line.

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

763098 CE #247—7-53

F.B. 1633 PG. 230

MS. 251 D-3

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

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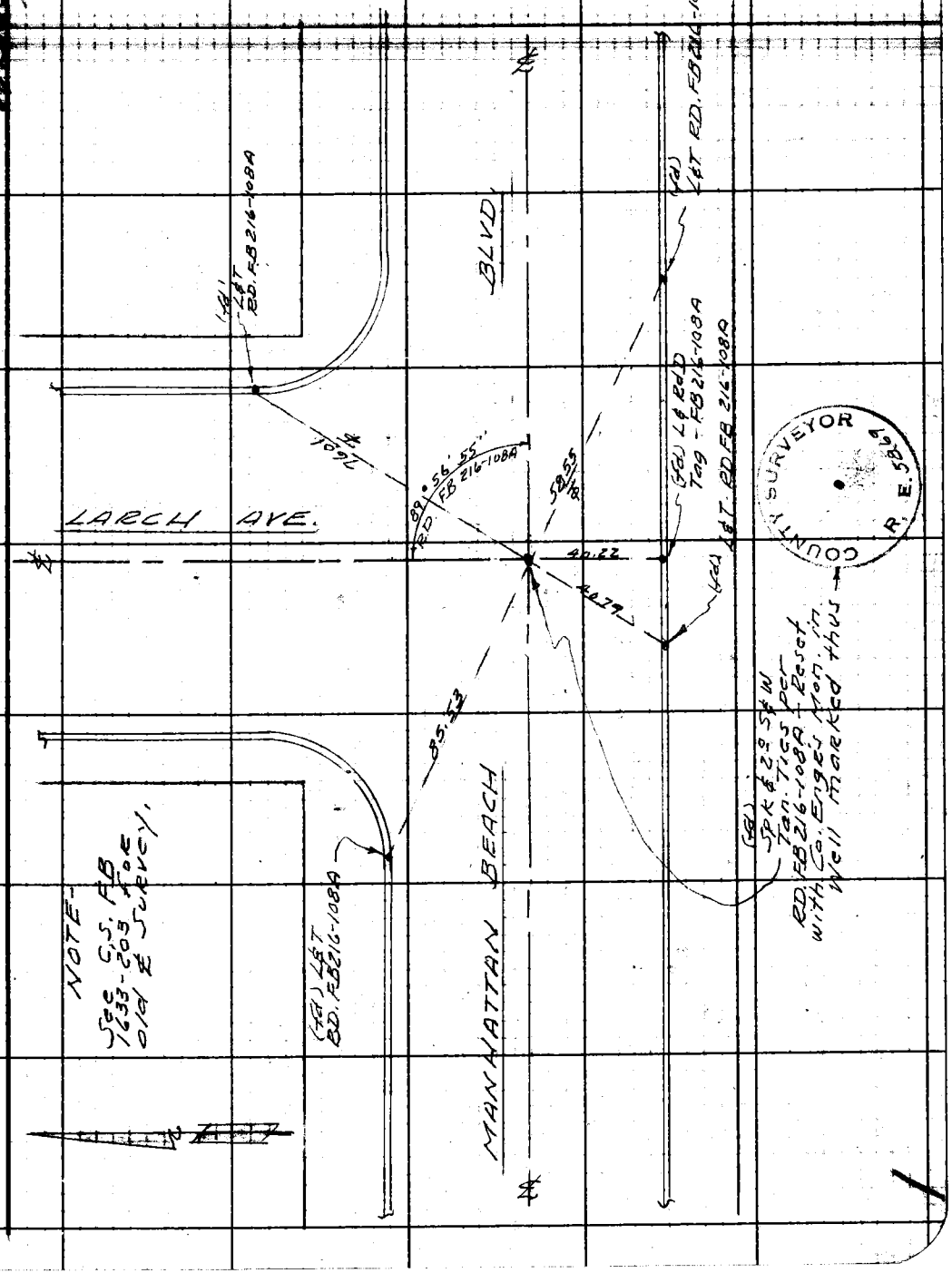
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Manhattan Beach Blvd.
Map No. B-2430	JN 0303.00 Tape Std °F
Office Work M.D. Reynolds	Surveyed by A.S. Curtis
Checked	Notes Curtis Date 4-21-60
Date 5-16-60	Indexed [illegible] C. Johnson

F.B. 1633 Pg. 231



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.

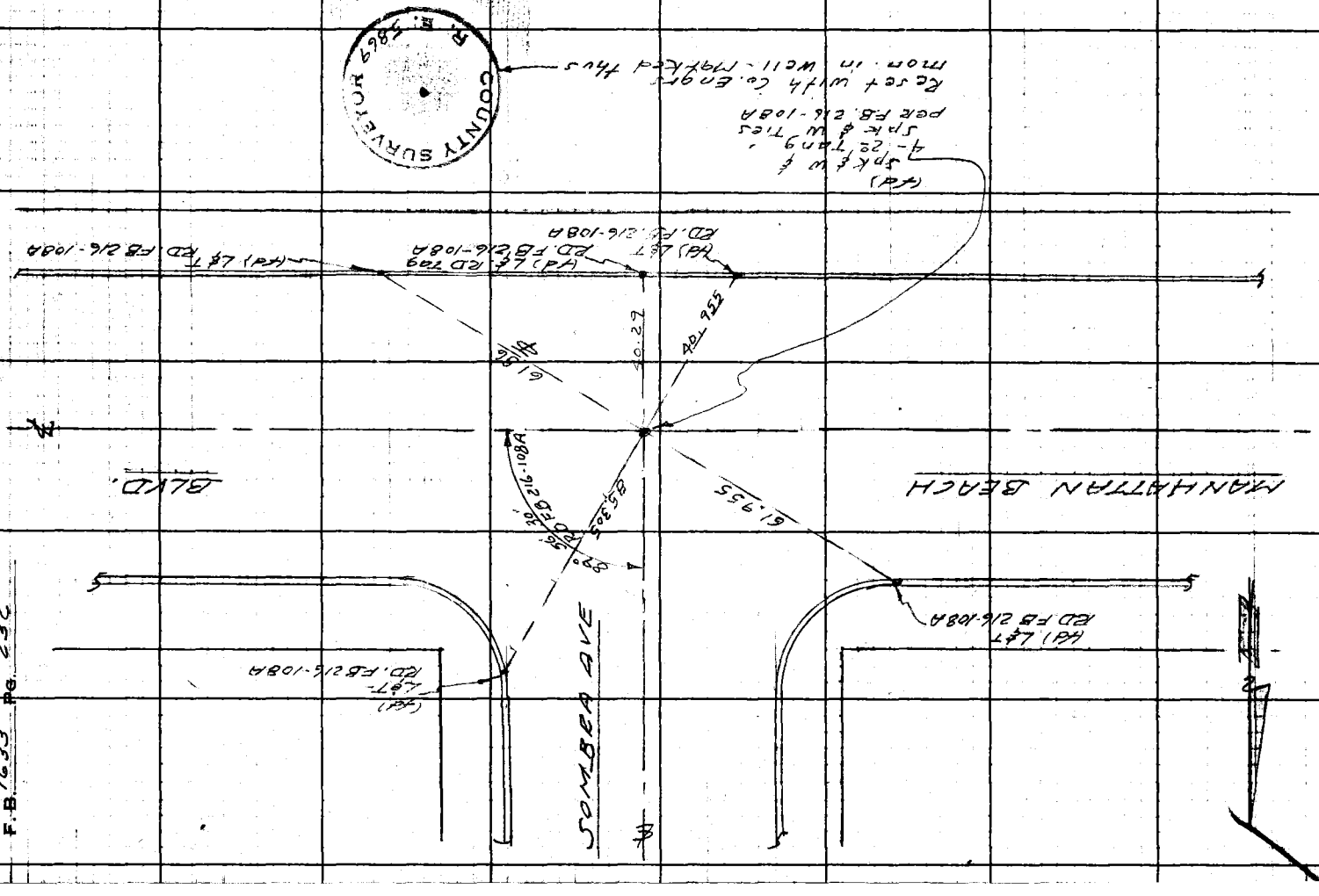
763093 CE #247—7-53

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.

W.S. 25, D-3



F.B. 1633 Pg. 232

F. B. PG.

Profile No. Notes Red Date Plotted Date Job No. Division No. Survey of

X-Sec. No. Notes Chkd. Date Checked Date Survey by Notes Date Map No. Indexed Date

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 CE 307 11-58

F. B. Pg.

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 Date No.

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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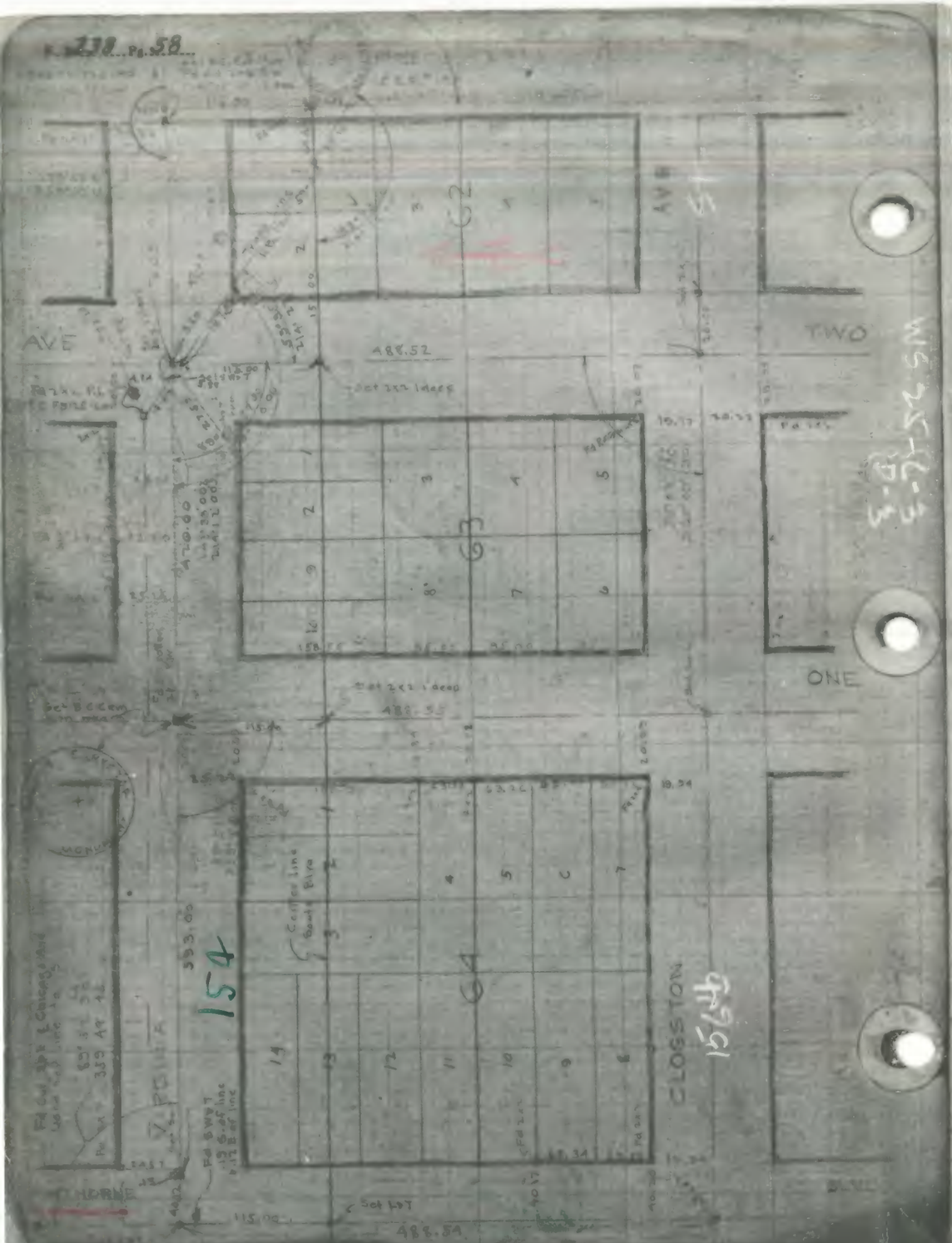
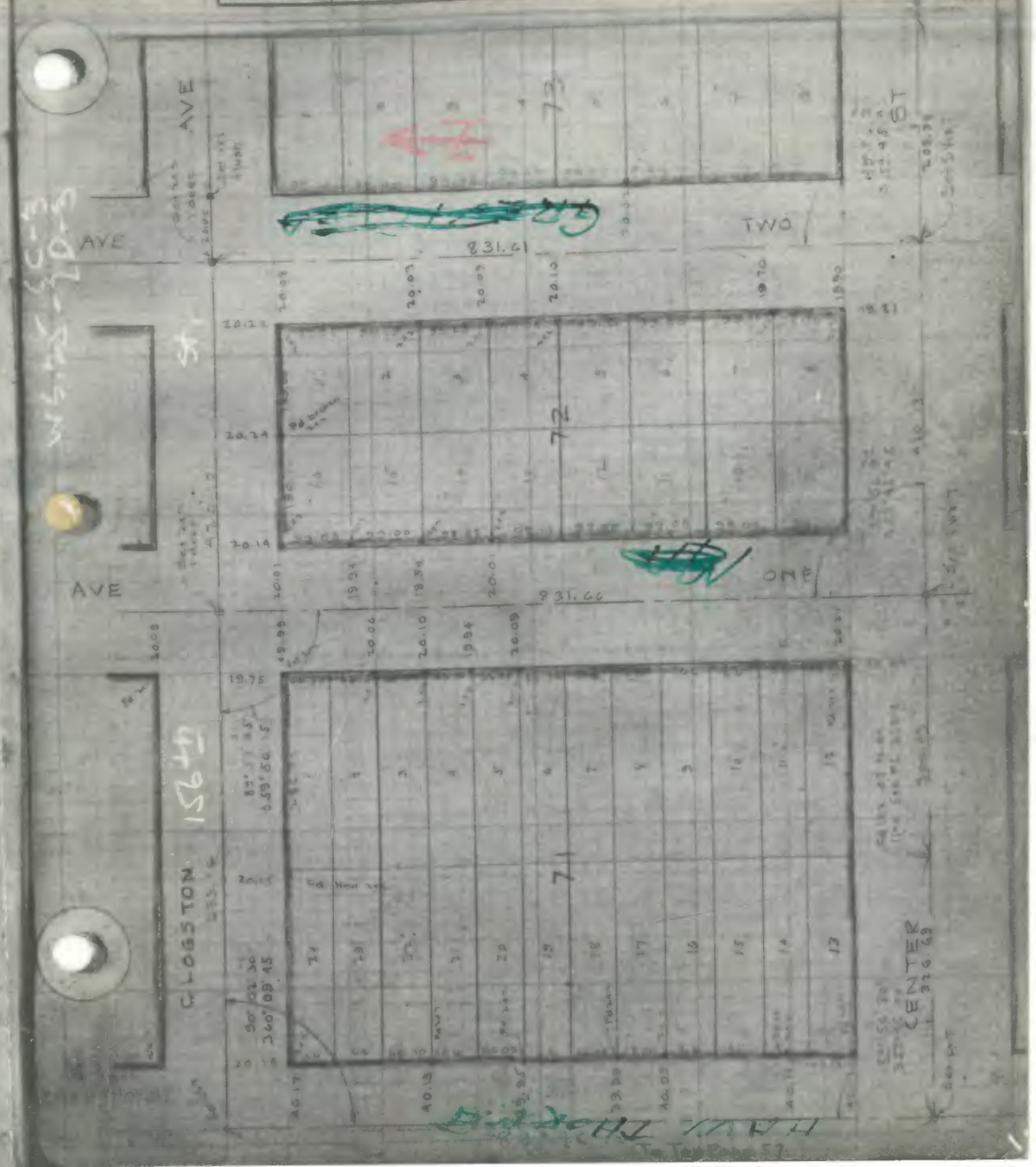
76L-298 CE 307 11-58

F.B. 238 Pg. 56
F.B. 238 Pg. 57
Platted by H.U.M.H.
Date 1927-1928
Map No. CS8964-2
Platting C'k'd by K.R.McP.
Date 1928
W. O. No
D. S. O. No
Location
Surveyed by
Date
Indexed
Grevillea
Mansel
Ave
Ave
VIRGINIA
CLOGSTON
See Page 57
65
66
67
76
69
68



Plotted by H. U. M. H.	W. O. No. ..... D. S. O. No. .....
Date 1927 & 1928	Location .....
Map No. C3 8564-2	Surveyed by .....
Plotting C'k'd by K. R. McP.	Date .....
Date Feb/1928	Indexed .....