1969

[illegible] TO F.B. 1969

DATE	J.N.	DESCRIPTION	NOTES	PAGES
		Rosecrans Ave Stirm Drains J.N. 6226.00		
1o-54	6226.00	Bench-mark Levels	elevs.	5-13
10-54	6226.00	Center-line Survey	C/L	15-41
11-54	6226.00	Location Pf Storm Drain Line		43-52
11-54	6226.00	Rosecrans Ave. S.D. from Dominguez Channel to 139th. St.	topog.	63-82
"		" " "	x.secs.	83-150

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

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F.B. PG.

Microfilmed Oct '86

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

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F. B. _____ PG. _____

INDEX TO F.B. _____ (CONT'D)

DATE	J.N.	DESCRIPTION	NOTES	PAGES

NOTES RED. JOB NO. 6226.00 SURVEY OF Rosecrans Ave SD

DATE SURVEY BY M. A. VanDeren

NOTES CHKD. NOTES BY Van DATE 10-29-54

DATE INDEXED [redacted] C. Johnson DATE NOV 24 '54

F. B. 1969 PG. 5

DESCRIPTION

J.N. 6226.00

Bench Mark Levels

ON

Rosecrans Ave Storm Drain Project Nº 11

10-29-54
Van Deren
Richards
Bozen
McCullough
Nunez

ADJ. ELEV.

Elevations based on Los Angeles County Surveyor's Precise Level Net, 1952 Adj.
For Adj. Calc., see A-97
Adj. 11/5/54 [redacted]

3RD RUN

2ND RUN

index [redacted] 7-13-59

DIFF.

1ST RUN

B.M.

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765420 353 8-49

F. B. 1969 PG. 6

JOB NO. 6226.00 SURVEY OF Rosecrans Ave S.D.
SURVEY BY M.A. VanDeren
NOTES BY Van DATE 10-29-54
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

76S420 353 8-49

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
					54.401	B.M. 21-12 Elev = 54.401 FB1391-16
						Rosecrans Ave. & Crenshaw Blvd 123' East
						of ℄ Crenshaw Blvd. & 23.5' North ℄ of
(Fd)						Rosecrans Ave. Set in N.W. Cor of Conc Bridge
21-12	54.401					a standard Flood Control disk stamped
+ 100'	3.840		3.764			BM 113-21A
⊼	58.241	6.977	-6.975		-6.9760	-6.9760 1
(Fd) 100'	10.817		10.739			← use this elev.
21-11	47.424				47.424	21-11 Elev = 47.461 FB1391-16
+ 75'	9.870		9.721			Rosecrans Ave & Crenshaw Blvd. 285.7
⊼	57.294	5.557	+5.554		+5.5555	E. of ℄ Crenshaw Blvd. 50'6 N. ℄
− 75'	4.313		4.167			Rosecrans Ave. 5' S. of white witness pipe
T.P.	52.981					a standard Flood Control disk stamped
+ 125'	5.700		5.797			R/W 114-14 set in conc. 18" below the
⊼	58.681	0.754	+0.755		+0.7545	Surface
(set) 125'	4.946		5.042			+6.3100 2
K.E. 80	53.735				53.734	K.E. 80
+ 70'	4.889		4.875			Rosecrans Ave. & Crenshaw Blvd. S.E. Cor
⊼	58.624	2.774	-2.772		-2.7730	Bt Spk in curb 15' E. of E. end C.R.
− 70'	7.663		7.647			
T.P.	50.961					
+	2.982		2.940			
⊼	53.943	3.186	3.185		-3.1855	-5.9585
(set)	6.168		6.125			
K.E. 81	47.775				47.774	K.E. 81
+	4.856		4.781			Rosecrans Ave. & Wadkins S.E. Cor
⊼	52.631	0.097	0.098		+0.0975	Bt Spk in Center of Conc headwall
−	4.953		4.879			75'± E. ℄ Wadkins Ave
T.P.	47.678					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	47.678					T.P. per pg 6
+ 125'	4.488		4.350			
⊼	52.166	0.412	0.414		+0.4130	
− 125'	4.900		4.764			
T.P.	47.266					
+ 125'	4.559		4.558			
⊼	51.825	0.290	0.291		+0.2905	
− 125'	4.849		4.849			
T.P.	46.976					
+ 50'	4.295		4.388			−0.9800
⊼	51.271	0.179	0.179		+0.1790	~~0.2040~~ 4
− (set) 50	4.474		4567			
K.E. 82	46.797				46.793	K.E. 82
+ 125'	4.220		4.364			Rosecrans Ave. (S. side) 1017' ± E. & Wadkins
⊼	51.017	0.367	0.365		+0.3660	Ave. BtSpk in conc. pvt. 2' N. of S. edge
− 125'	4.587		4.729			opp. S.M.H.
T.P.	46.430					
+ 125'	4.570		4.520			
⊼	51.000	0.160	0.161		+0.1605	
− 125'	4.730		4.671			
T.P.	46.270					
+ 125'	4.555		4.436			
⊼	50.825	0.421	0.424		+0.4225	
− 125'	4.976		4.860			
T.P.	45.849					
+ 125'	4.329		4.310			
⊼	50.178	0.222	0.224		+0.2230	
− 125'	4.551		4.534			
T.P.	45.627					

NOTES RED. ____ JOB NO. 6226.00 SURVEY OF Rosecrans Ave SD
DATE ____ SURVEY BY M. A. Van Deren
NOTES CHKD. ____ NOTES BY Van ____ DATE ____
DATE ____ INDEXED [illegible] C. Johnson ____ DATE ____

F.B. 1969 PG. 7

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	45.627					T.P. per pg 7
+ 110'	4.790		4.695			
π	50.417	0.777	0.774		-0.7755	
− 110'	5.567		5.469			
T.P.	44.850					
+ 45'	4.958		4.812			
π	49.808	0.460	0.459		+0.4595	-1.4880 6
(set) 45'	4.498		4.353			
K.E. 83	45.310				45.303	K.E. 83
+ 30'	4.586		4.462			Rosecrans Ave. & Van Ness Ave. S.E. Cor
π	49.896	0.728	0.728		-0.7280	Bt spk in curb 20' South of N. end curb
(Fd) 30'	5.314		5.190			-0.7280. 1
21-10	44.582				44.574	← use this elev 21-10 Elev = 44.548 F.B. 1391-15
+ 125'	5.440		5.360			Rosecrans Ave. & Van Ness Ave. S.W. Cor
π	50.022	0.898	0.897		+0.8975	89.6 S. ℄ Rosecrans Ave 29.5 W. ℄ Van Ness
− 125'	4.542		4.463			Ave. 1.5 back of curb. in a well protected
T.P.	45.480					by a cast iron cover marked C.S. Mon
+ 125'	5.055		4.960	4.889		a standard C.S. Mon stamped
π	50.535	0.~~284~~ R	0.287	0.286	+0.2865	21-10-1952-R.E. 63
− 125'	4.774		4.673	4.603		
T.P.	45.761					
+ 125'	4.881		4.744			
π	50.642	0.146	0.149		+0.1475	
− 125'	4.735		4.595			
T.P.	45.907					
+ 125'	4.488		4.389			
π	50.395	0.399	0.401		+0.4000	
− 125'	4.887		4.790			
T.P.	45.508					

F.B. 1969 PG. 8

JOB NO. C226.00 SURVEY OF Rosecrans Ave SD
SURVEY BY M.A. Van Deren
NOTES BY Van DATE
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	45.508					T.P. per pg 8
+ 125'	4.490		4.450			
π	49.998	0.359	0.359		-0.3590	
− 125'	4.848		4.809			
T.P.	45.150					
+ 85'	4.499		4.319			+0.3730
π	49.599	0.200	0.199		-0.1995	~~+0.0780~~ 6
(set) 85'	4.649		4.518			
KE 84	44.950				44.944	K.E. 84
+ 125'	5.031		4.909			Rosecrans Ave & Gramercy P.L. S.E. Cor
π	49.981	0.314	0.313		+0.3135	Bt Spk in curb. 20' South of N. end Curb
− 125'	4.717		4.596			
T.P.	45.264					
+ 125'	5.070		4.941			
π	50.334	0.390	0.389		+0.3895	
− 125'	4.680		4.552			
T.P.	45.654					
+ 63'	6.138		5.934			
π	51.792	0.835	0.835		+0.8350	+1.5380 3
(set) 63'	5.303		5.099			
K.E. 85	46.489				46.482	K.E. 85
+ 90'	4.348		4.302			Rosecrans Ave. & St Andrews P.L. S.W. Cor
π	50.837	0.235	0.237		-0.2360	Bt Spk in curb. 25' E. of N. end of Curb
− [illegible]'	4.583		4.541			
T.P.	46.254					
+ 125'	5.038		4.930			
π	51.292	0.416	0.414		+0.4150	
− 125'	4.622		4.516			
T.P.	46.670					

NOTES RED. ____ JOB NO. 6226.00 SURVEY OF Rosecrans Ave SD
DATE ____ SURVEY BY M.A. Van Dercy
NOTES CHKD. ____ NOTES BY Van ____ DATE ____
DATE ____ INDEXED [illegible] C. Johnson DATE ____

F.B. 1969 PG. 19

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JOB NO. 6226.00 SURVEY OF Rosecrans Ave SD
SURVEY BY M. A. Van Deren
NOTES BY Van DATE
INDEXED E. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE
F. B. 1969 PG. 14

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	46.670					T.P. per pg 9
+ 100'	4.829		4.693			
Π	51.499	0.650	0.651		+0.6505	
− 100'	4.179		4.042			
T.P.	47.320					
+ 75'	4.670		4.588			
Π	51.990	0.198	0.199		+0.1985	+1.0280 4
− (Set) 75'	4.472		4.389			
KE86	47.518				47.508	K. E. 86
+ 75'	4.583		4.428			Rosecrans Ave & Western Ave N. E. Cor
Π	52.101	1.022	1.025		−1.0235	Bt Spk in curb 45' N. of N. end C.R.
− (Fd) 75'	5.605		5.453			−1.0235 1
21-9	46.496				46.484	21-9 Elev = 46.484 FB 1391-14
+ 125'	6.301		6.255			Rosecrans Ave & Western Ave S. E. Cor. 1.5
Π	52.797	0.454	0.453		+0.4535	back of Middle of the curb ~~set~~ in
− 125'	5.847		5.802			a well protected by a cast iron Cover
T.P.	46.950					Marked C.S. Mon. a standard C.S. Mon
+ 125'	5.040		4.940			stamped BM 21-9-1952-R.E. 63
Π	51.990	0.270	0.271		−0.2705	
− 125'	5.310		5.211			
T.P.	46.680					
+ 75'	5.022		4.883			
Π	51.702	0.195	0.195		+0.1950	+0.3780 3
− (Set) 75'	4.827		4.688			
K. E87	46.875				46.861	K. E. 87
+ 125'	1.699		1.880			Western Ave (E. Side) 600'± N. of Rosecrans
Π	48.574	0.727	0.726		−0.7265	Ave. Bt Spk in curb. 15' South of N.
− 125'	2.426		2.606			end of curb. 12' South of R.P. #672139E
T.P.	46.148					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	46.148					T. P. per p & 10
+ 125'	3.728		3.917			
Π	49.876	0.139	0.142		-0.1405	
− 125'	3.867		4059			
T.P.	46.009					
+ 90'	4.297		4.220			
Π	50.306	1.071	1.072		+1.0715	+0.2045 3
(Fd) 90'	3.226		3.148			
H.M. 2	47.080				47.066	H.M. 2
+ 65'	3.717		3.603			Western Ave & 139th st S.E. cor
Π	50.797	0.059	0.059		+0.0590	L & T in conc headwall 2' N. of S. end
[Set] 65'	3.658		3544			+0.0590 1
K.E. 8B	47.139				47.124	K.E. 8B
+ 125'	3.734		3.641			Western Ave & 139th st S.W. cor
Π	50.873	1.216	1.213		-1.2145	Bt Spk. in conc headwall 4' N. of
− 125'	4.950		4854			South end
T.P.	45.923					
+ 125'	5.246		5.114	5.005		
Π	51.169	0.407	0.412	0.411	+0.4115	
− 125'	4 839		4.702	4.594		
T.P.	46.330					
+ 125'	4.928		4.852			
Π	51.258	0.021	0.020		-0.0200	
− 125'	4.949		4872			
T.P.	46.309					
+ 112'	5.140		5.069			
Π	51.449	0.485	0.487		+0.4860	
− 112'	4.655		4.582			
T.P.	46.794					

NOTES RED. _____ JOB NO. 6426.00 SURVEY OF Rosecrans Ave SD
DATE _____ SURVEY BY M.D. Van Dercu
NOTES CHKD. _____ NOTES BY Van DATE 10-29-54
DATE _____ INDEXED [redacted] C. Johnson DATE _____

F.B. 1969 PG. 11

765420 353 8-49

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	46.794					T.P. per pg 11
+110'	5.040		4.960			
⊼	51.834	0.721	0.719		+0.7200	+0.3830 5
(Fd) 110'	4.319		4.241			
KE 86	47.515				47.508	K.E 86 Elev = 47.518
+75'	4.484		4.356			Rosecrans Ave & Western Ave N.E. Cor
⊼	51.999	1.023	1.024		-1.0235	Bt Spk in curb. 4.5' N. of N. end C.R.
(Fd) 75'	5.507		5.380			-1.0235 1
21-9	46.492				46.484	21-9 Elev = 46.484 F.B. 1391-14
						Rosecrans Ave & Western Ave S.E. Cor
						1.5 back of Middle of the curb. in
						a well protected by a cast iron Cover
						Marked. C.S. Mon. a standard C.S. Mon
						stamped BM 21-9-1952-RE. 63
(Fd)						
K.E. 80	53.735				53.734	BM K.E. 80 Elev = 53.735 FB 1969-6
+	4.757		4.563			Rosecrans Ave & Crenshaw Blvd.
⊼	58.492	0.417	0.418		+0.4175	S.E. Cor. Bt Spk in curb. 15' E. of
(Fd)	4.340		4.145			East end C.R.
L.M. 72	54.152				54.150	BM LM 72
+110'	4.554		4.347			Crenshaw Blvd. (W. side) 115' ± S. ℄ of
⊼	58.706	0.254	0.254		+0.2540	Rosecrans Ave. Bt spk in N.E. Cor
(Fd) 110'	4.300		4.093			of Conc Bridge
21-12	54.406				54.401	21-12 Elev = 54.401 FB 1391-16
+125'	3.334		3.248			Rosecrans Ave & Crenshaw Blvd. 123' East
⊼	57.740	5.355	5.355		-5.3550	of ℄ Crenshaw Blvd & 23.5 N. ℄ Rosecrans Ave
-125	8.689		8.603			set in N.W. Cor of Conc Bridge
T.P.	49.051					a standard Flood control disk
						stamped B.M. "113-21A"

F.B. 1969 PG. 12

JOB NO. 6226.00 SURVEY OF Rosecrans Ave SD
SURVEY BY M.A. VanDeren
NOTES BY Van DATE 10-29-54
INDEXED R. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	49.051					T.P. per pg 12
+ 60'	4.103		3.954			
⊼	53.154	1.271	1.271		-1.2710	-6.6260 2
(Fd) 60'	5.374		5.225			
K.E. 81	47.780				47.774	K.E. 81 Elev = 47.775 FB1969-C Rosecrans Ave. & Wadkins Ave. S.E. Cor Bt Spk in center of conc headwall 75' E. ℄ Wadkins Ave

NOTES RED. _____ JOB NO. 6226.00 SURVEY OF Rosecrans Ave SD
DATE _____ SURVEY BY M. A. Van Deren
NOTES CHKD. _____ NOTES BY Van DATE 10-29-54
DATE _____ INDEXED [redacted] C. Johnson DATE _____

F.B. 1969 PG. 13

F. B. 1969 PG. 14

JOB NO. 6226.00 SURVEY OF Rosecrans Ave SD NOTES RED.
SURVEY BY M. A. VanDercu DATE
NOTES BY Van DATE 10-29-54 NOTES CHKD.
INDEXED DATE DATE

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

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PWFB 0718 1660

F.B. 1969 Pg. 13

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

Survey of Rosecrans Ave S.D.
W. 6226.00 Tape No. 0145 St'd. 68 °F
Surveyed by M.A. Van Deren
Notes Van Date 10-29-54
Indexed C. Johnson
NOV 24 '54

J.N. 6226.00

CENTER LINE SURVEY FOR

ROSECRANS AVE STORMDRAIN

PROJECT Nº 11

11-1-54
Van Deren
Richards
Bazen
McCullough
Nunez

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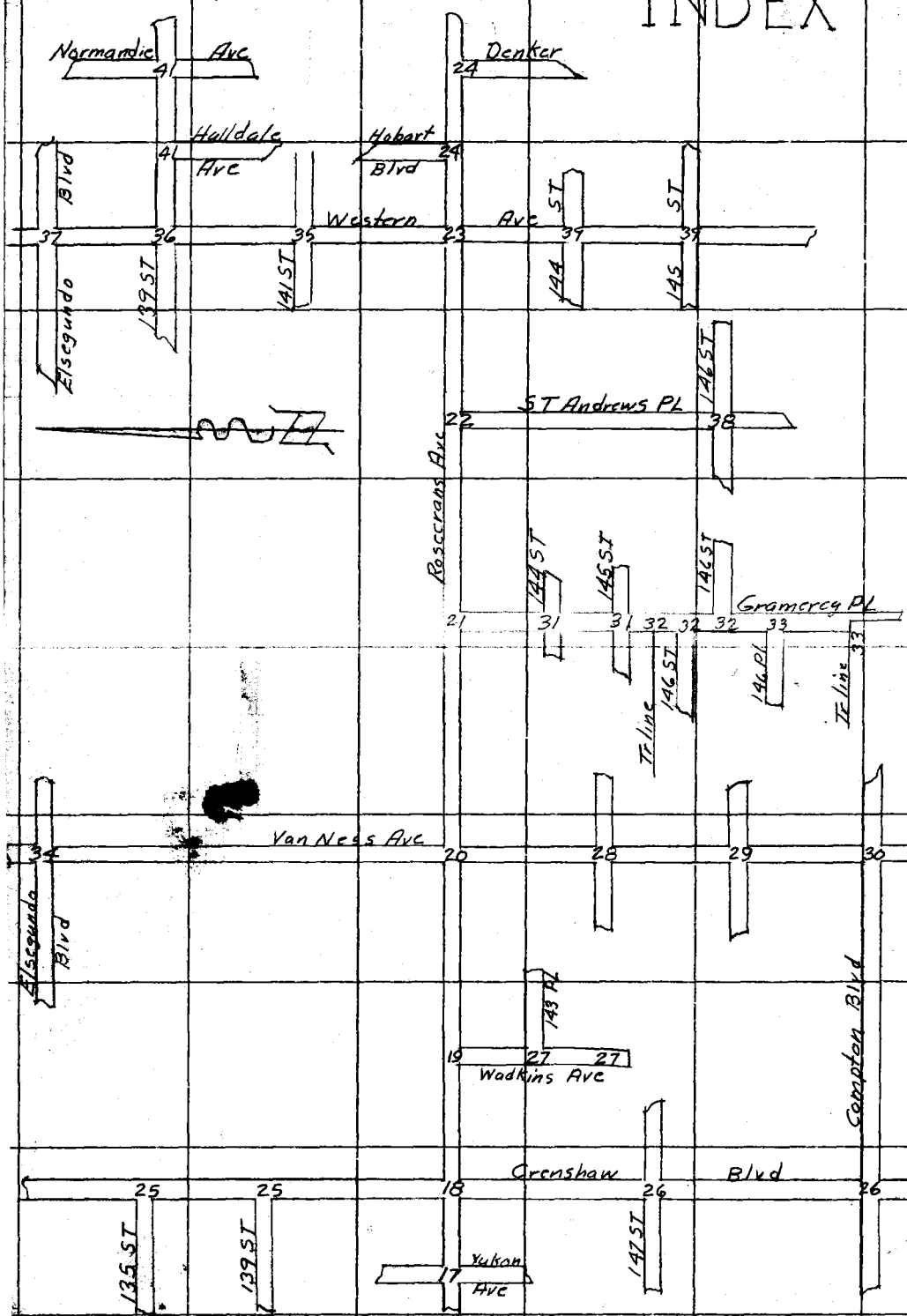
76F3098 247 4-53

PWFB 0718 1661

F.B. 1967 PG. 16

INDEX



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PWFB 0718 **1662**

F. B. 1969 Pg. 17

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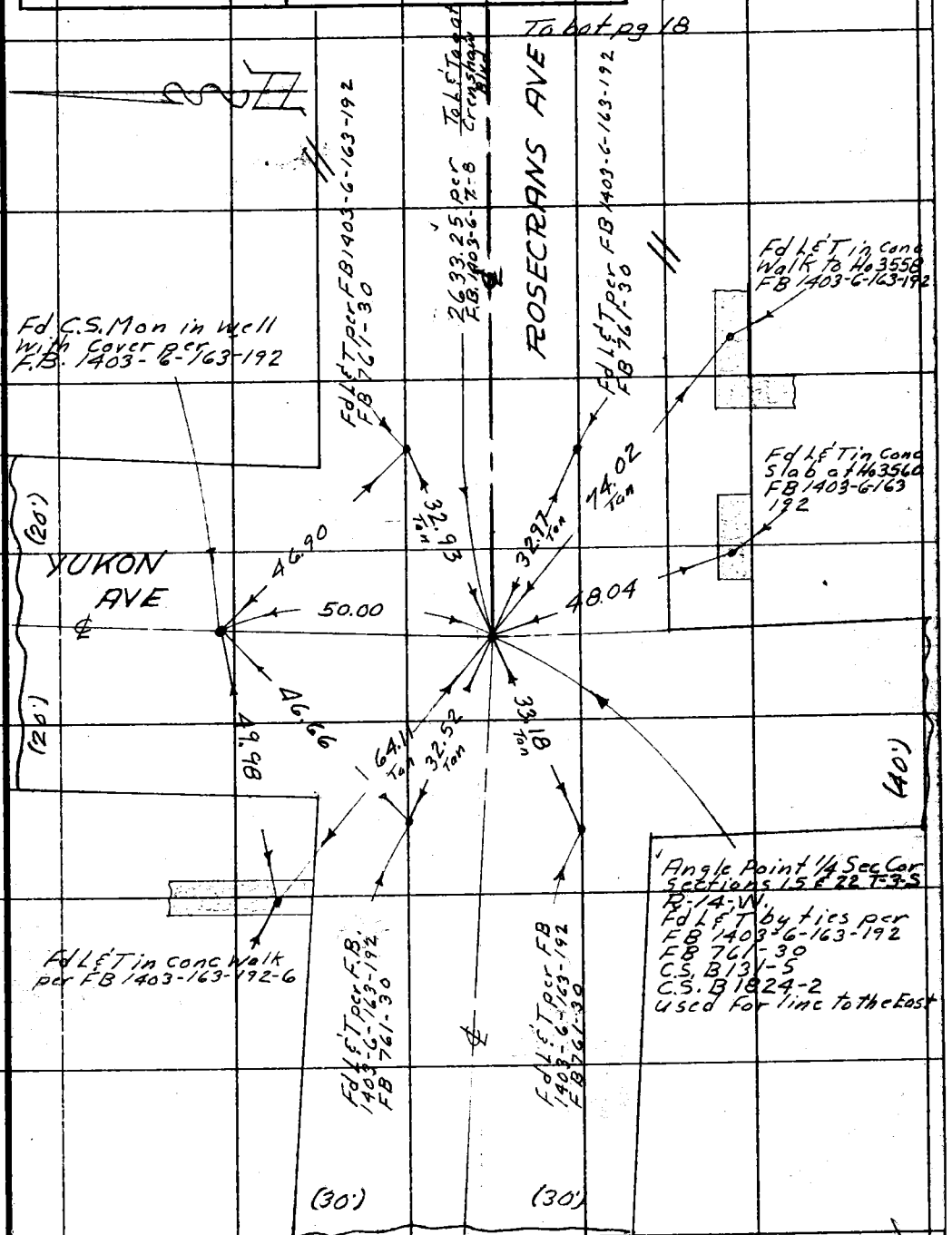
Date

Survey of Rosecrans Ave SD
W. O. 6226.0 Tape No. 0145 St'd. 68 °F
Surveyed by M.A. Van Deren
Notes Van Date 10-29-54
Indexed A. C. Johnson



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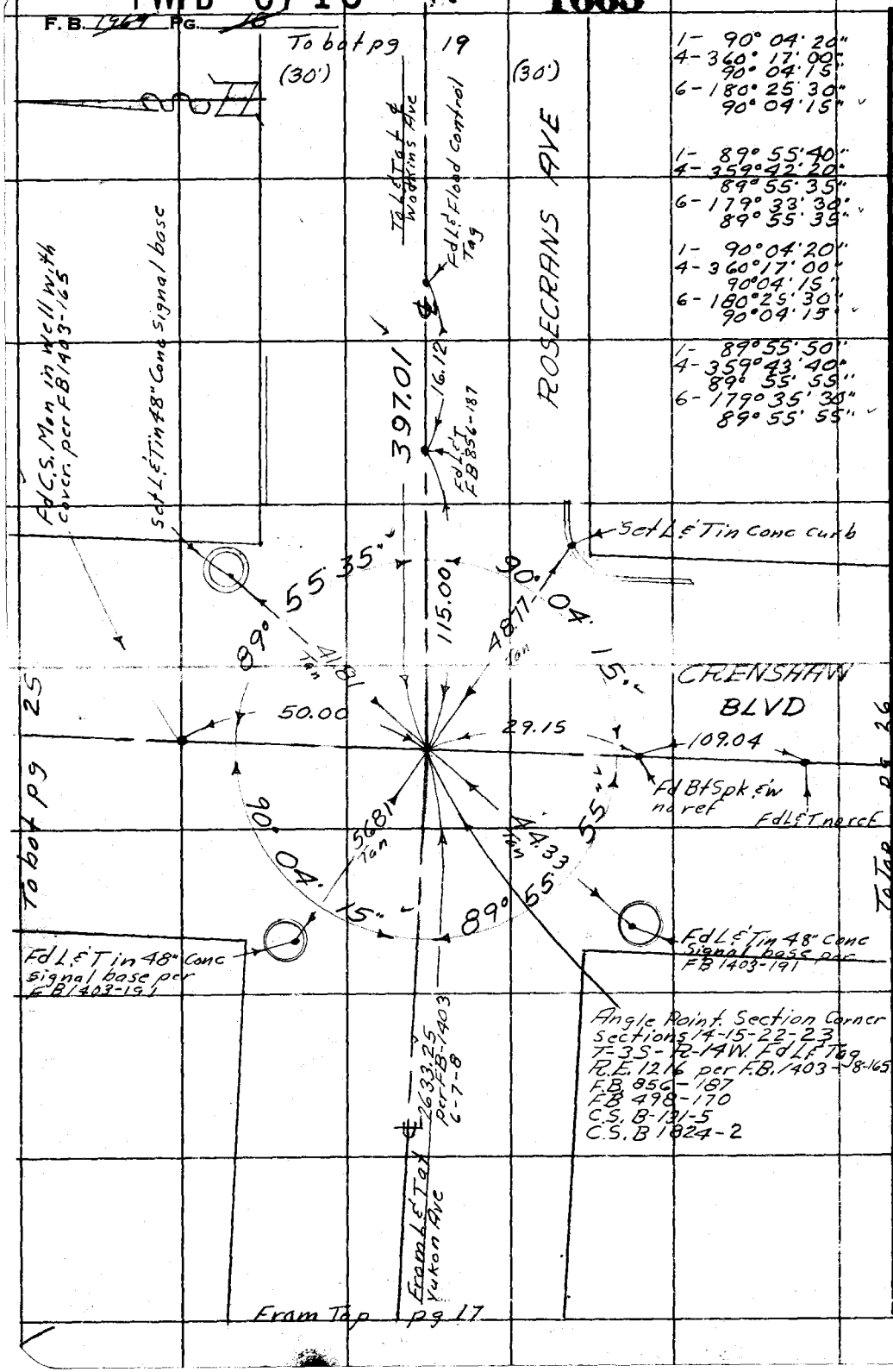
76F309S S&E #247. 8-54

PWFB 0718 1663

F.B. 1969 PG. 18



1- 90° 04' 20"
4- 360° 17' 00"
90° 04' 15"
6- 180° 25' 30"
90° 04' 15"

1- 89° 55' 40"
4- 359° 42' 20"
89° 55' 35"
6- 179° 33' 30"
89° 55' 35"

1- 90° 04' 20"
4- 360° 17' 00"
90° 04' 15"
6- 180° 25' 30"
90° 04' 15"

1- 89° 55' 50"
4- 359° 43' 40"
89° 55' 55"
6- 179° 35' 30"
89° 55' 55"

W.S. 25-D-2

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

Do not extend notes this side of this line.

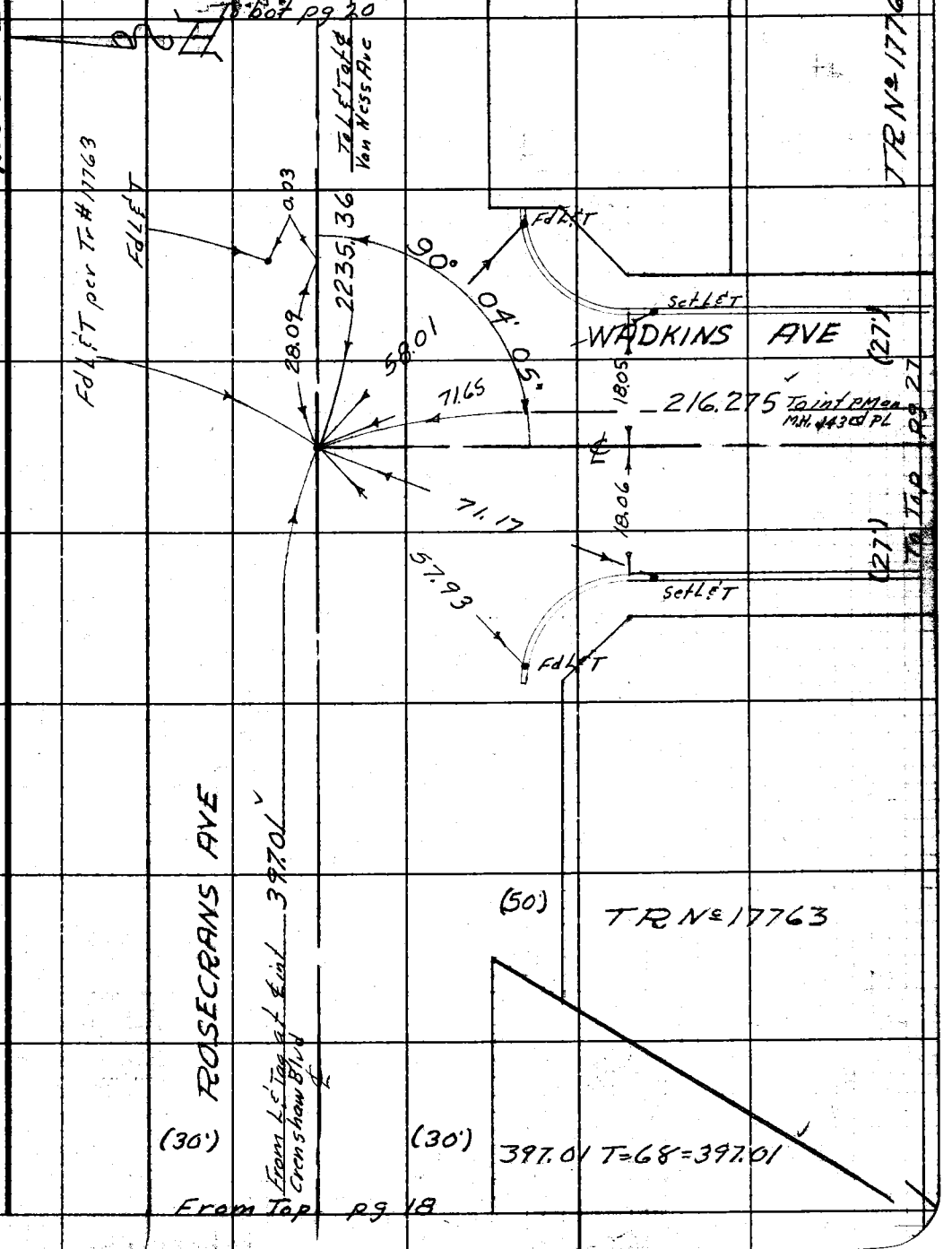
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 0718 **1664**

Notes Ck'd by Galli	Survey of Rosecrans Ave. SD
Map No.	W. O. [illegible] No. 0145 Std. 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Date
Date	Indexed R. C. Johnson

F. B. 1969 Pg. 19

1 - 90° 04' 00"
4 - 360° 16' 10"
90° 04' 02½"
6 - 180° 24' 20"
90° 04' 03½"



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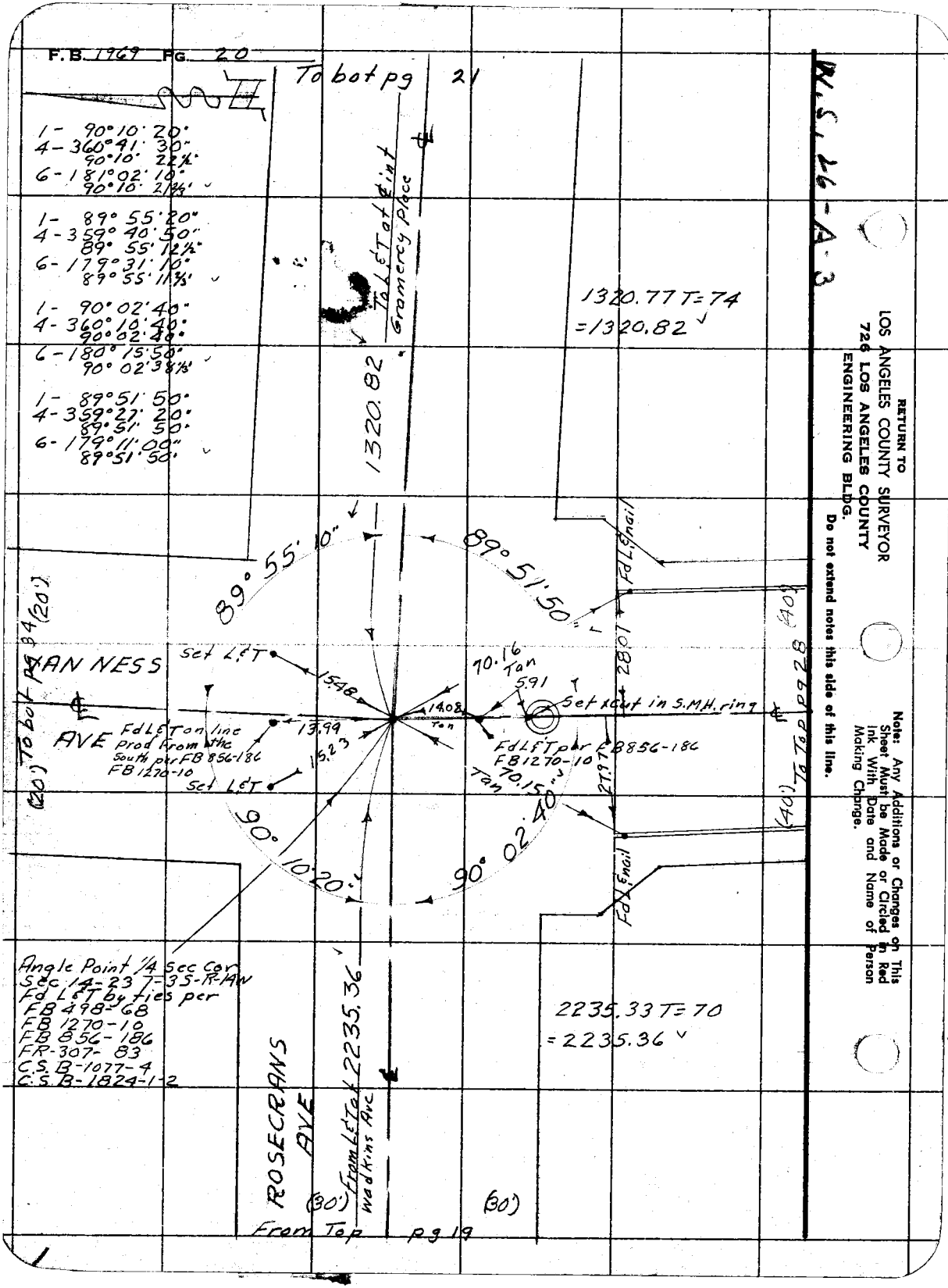
RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 4-53


F.B. 1969 PG. 20
To bot pg 21
1- 90°10'20"
4-360°41'30"
90°10'22½"
6-181°02'10"
90°10'21⅔'
1- 89°55'20"
4-359°40'50"
89°55'12½"
6-179°31'10"
89°55'11⅔'
1- 90°02'40"
4-360°10'40"
90°02'40"
6-180°15'50"
90°02'38⅓'
1- 89°51'50"
4-359°27'20"
89°51'50"
6-179°11'00"
89°51'50"
To L&T at ℄ int Gramercy Place
1320.82
1320.77 T=74
=1320.82
89°55'10"
89°51'50"
Fd L&T nail
28.01
(40')
To Top pg 28
(20') To bot pg 34
VAN NESS
AVE
Set L&T
15.48
70.16 Tan
5.91
14.08 Tan
Set x cut in S.M.H. ring
Fd L&T on line prod from the South per FB 856-186 FB 1270-10
13.99
15.23
Set L&T
Fd L&T per FB 856-186 FB 1270-10
70.15 Tan
27.97
(40')
90°10'20"
90°02'40"
Fd L&T nail
Angle Point ¼ Sec Cor Sec 14-23 T-3S-R-14W
Fd L&T by ties per
FB 498-68
FB 1270-10
FB 856-186
FR-307-83
C.S.B-1077-4
C.S.B-1824-1-2
2235.33 T=70
=2235.36
ROSECRANS AVE
From L&T at Wadkins Ave 2235.36
(30')
(30')
From Top pg 19
W.S. 26-A-3
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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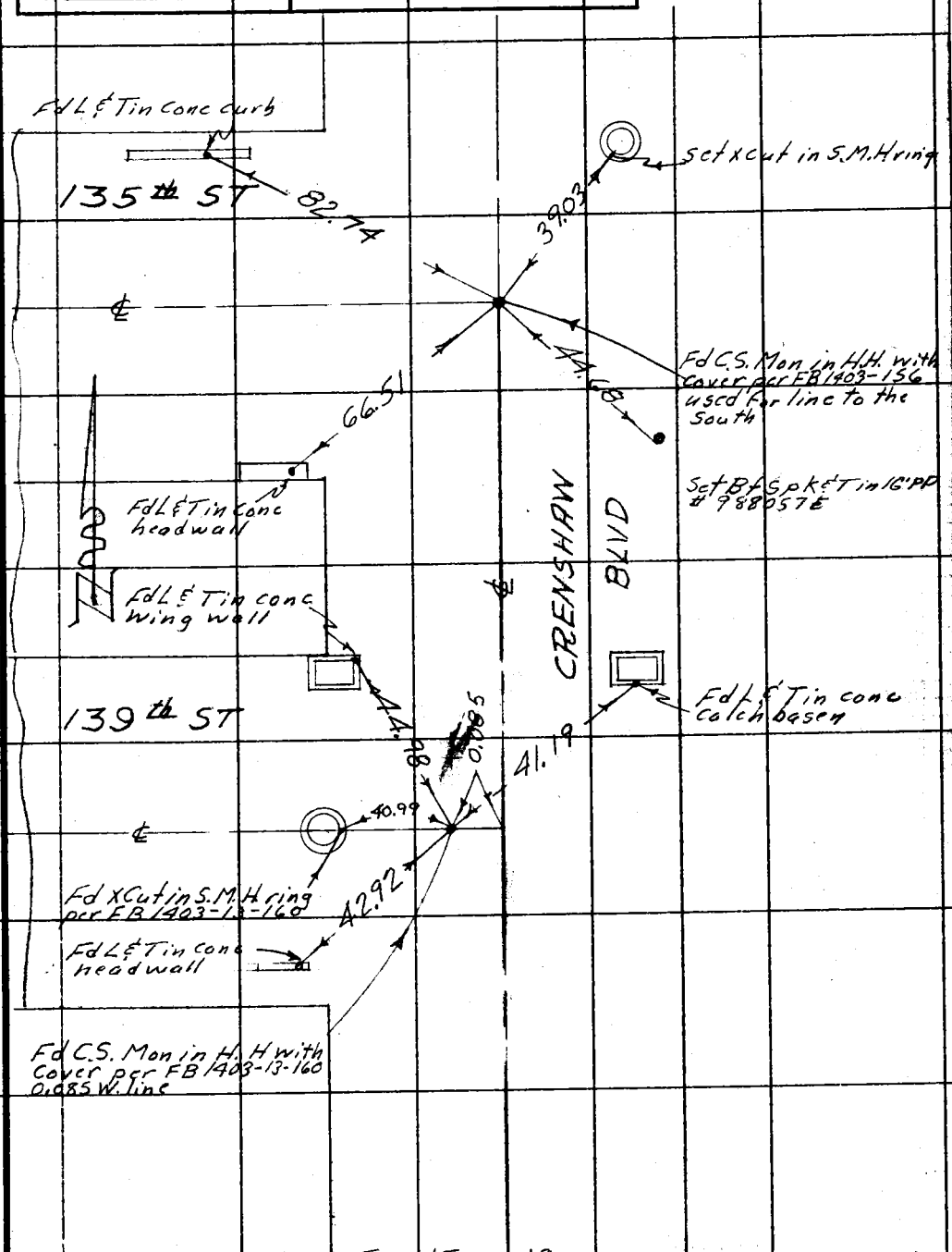
PWFB 0718 1665, 1666

F.B. 1969 Pg. 25

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

Survey of Rosecrans Ave S D
W. O. 6226 Tape No. 0148 St'd. 68 °F
Surveyed by M. A. Van Deren
Notes Van Date 11-4-54
Indexed C. Johnson

W.S. 25-D-2



From LT pg 18

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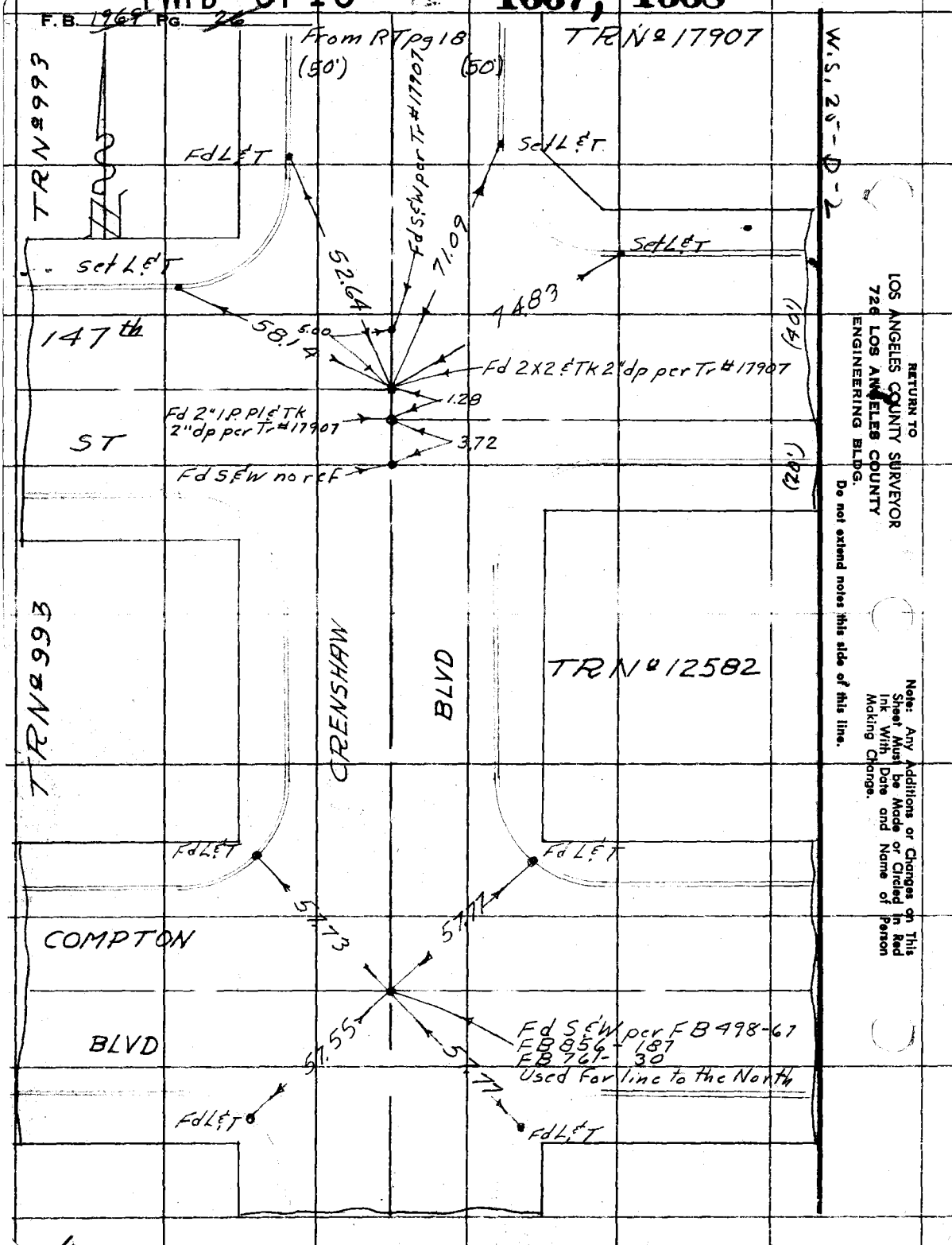
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

PWFB 0718 1667, 1668

F.B. 1969 PG. 26



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

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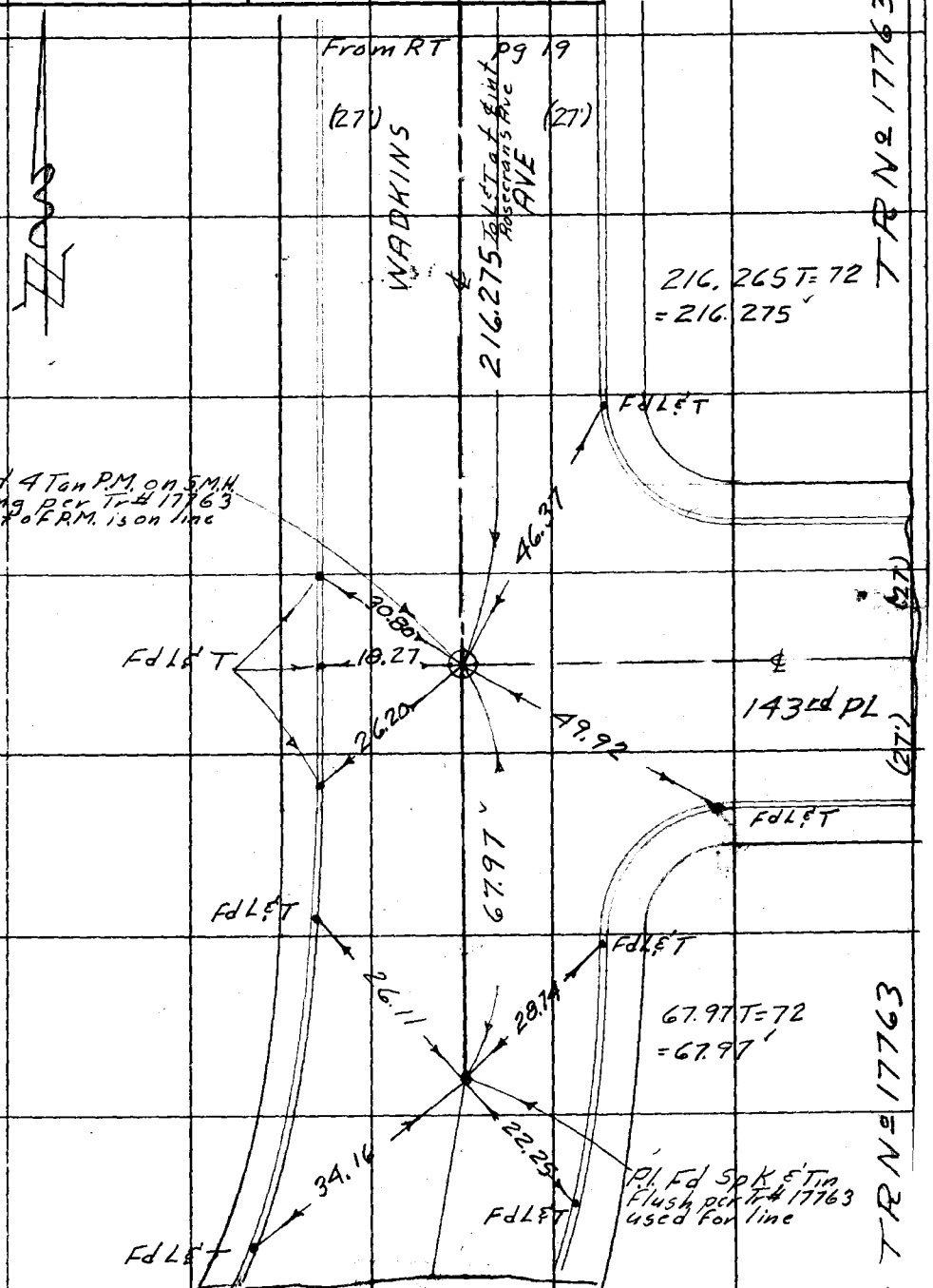
PWFB 0718

1669

Notes Ck'd by Galli	Survey of Rosecrans Ave SD
Map No.	W. O. Map No. 0145 St'd. 68 °F
Office Work	Surveyed by M.A. Van Doren
Checked	Notes Van Date 11-3-54
Date	Indexed C. Johnson

F. B. 1969 Pg. 27

W.S. 25-E-2



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RETURN TO
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726 LOS ANGELES COUNTY
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76F3095 S&E #247. 5-54

RETURN TO
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726 LOS ANGELES COUNTY
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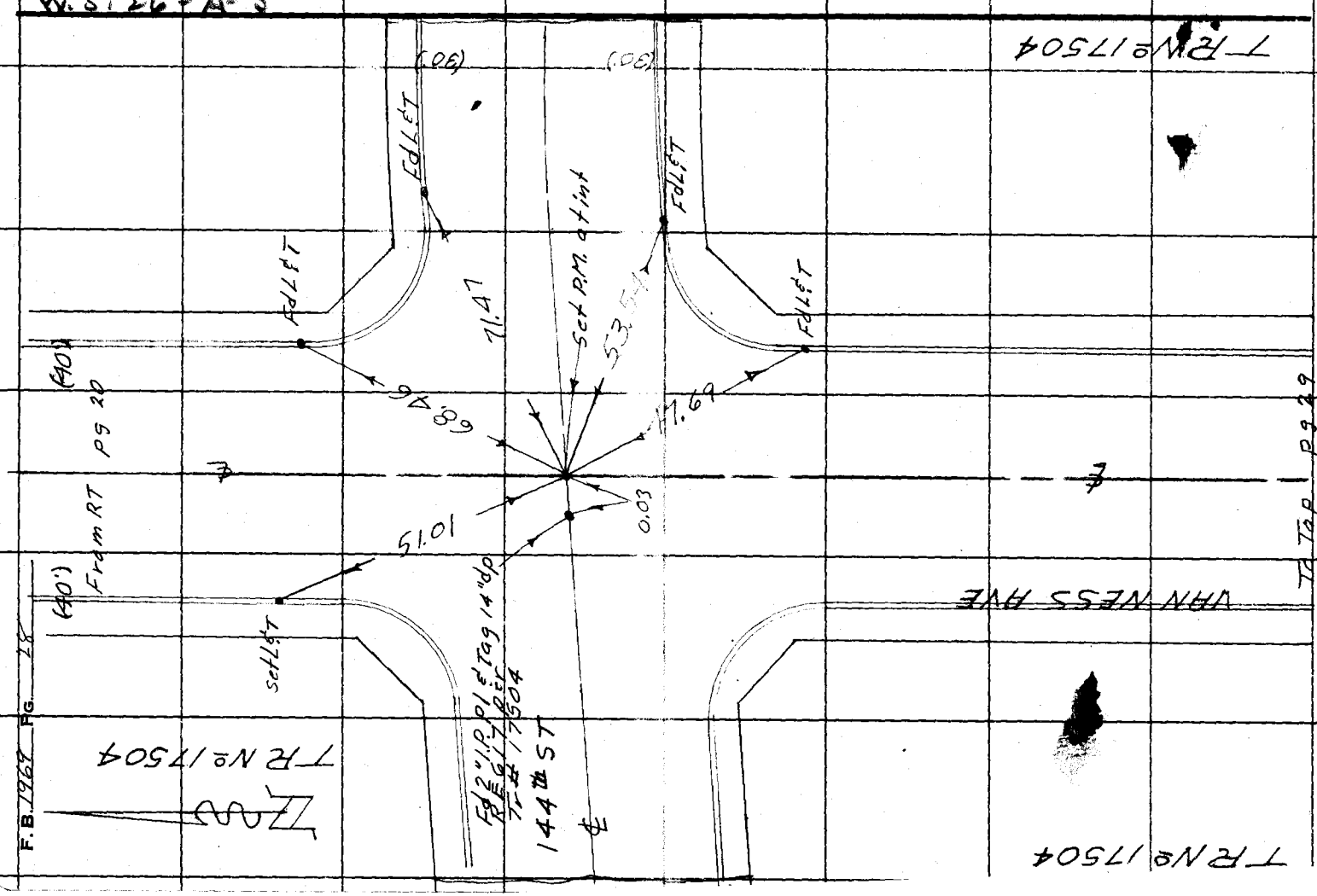
W.S. 26-A-3

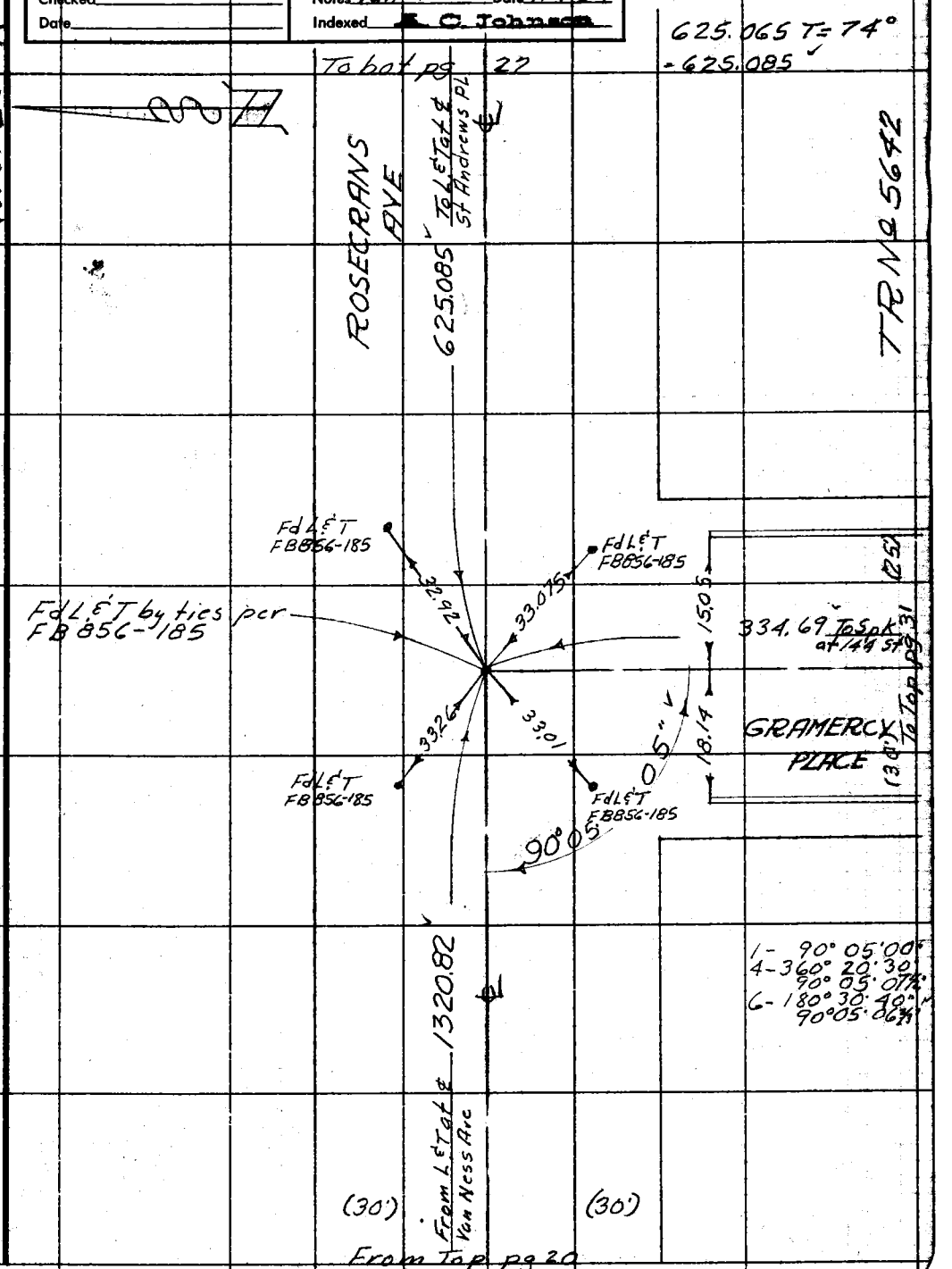


PWFB 0719

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

Survey of Rosecrans Ave. S.D.
W. O. 6226 Tape No. 0145 St'd. 68 °F
Surveyed by M.A. Van Deren
Notes Van Date 11-1-54
Indexed A. C. Johnson

F.B. 1964 Pg. 21



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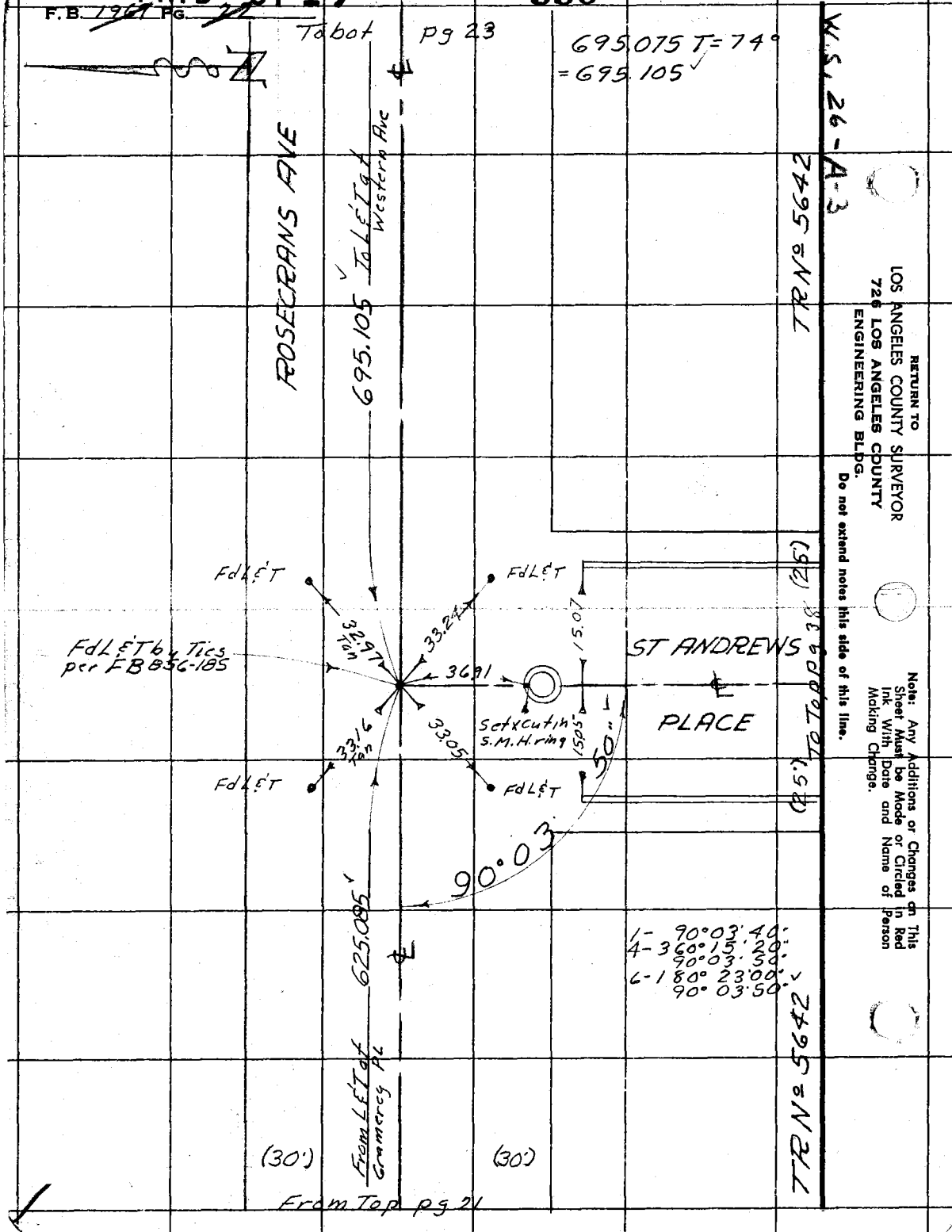
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 4-53

PWFB 0719

990

F.B. 1961 PG. 22



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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PWFB 0719 991

Notes Ck'd by Galli	Survey of Rosecrans Ave S.D
Map No.	W. O. 6226.00 Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by M.A. Van Deren
Checked	Notes Van Date 11-3-54
Date	Indexed A. C. Johnson

F.B. ~~1269~~ Pg. ~~23~~

W.S. 26-A-3

To bot pg 24

(45') (30')

1- 89°55'00"
4-359°40'30"
89°55'07½"
6-179°30'40"
89°55'06⅔"

1- 90°05'20"
4-360°21'40"
90°05'25"
6-180°32'20"
90°05'23⅓"

635.00 T=68= 635.00

1- 90°03'40"
4-360°15'10"
90°03'47½"
6-180°22'40"
90°03'46⅔"

1- 89°55'40"
4-359°43'00"
89°55'45"
6-179°34'20"
89°55'43⅓"

Fd L&T FB 1784-41

(50') (40')

WESTERN AVE

To 141st St 635.00

89°55'05" 89°55'45"

M.H. M.H. M.H. M.H.

33.36 34.10 33.07 Tan 1.98 Tan 2.02 Tan 2.01 2.00 33.01 30.28 33.38 Tan

Fd L&T Fd L&T Fd L&T Fd L&T

90°05'25" 90°03'45"

To bot pg 35 (50') (40') To Top pg 34

Angle Point Section Cor
Sec 13-14-23-24 T3S.
R. 14 W.
Fd L&T by ties per
FB 739-9
FB 498-68
FR 307-79
Fd X Cuts in M.H. ring
Tan to ℄ int

ROSECRANS AVE

Fd L&T FB 1784-41

From L&T at 695.105 St Andrews PL

(30') (30)

From Top pg 22

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RETURN TO
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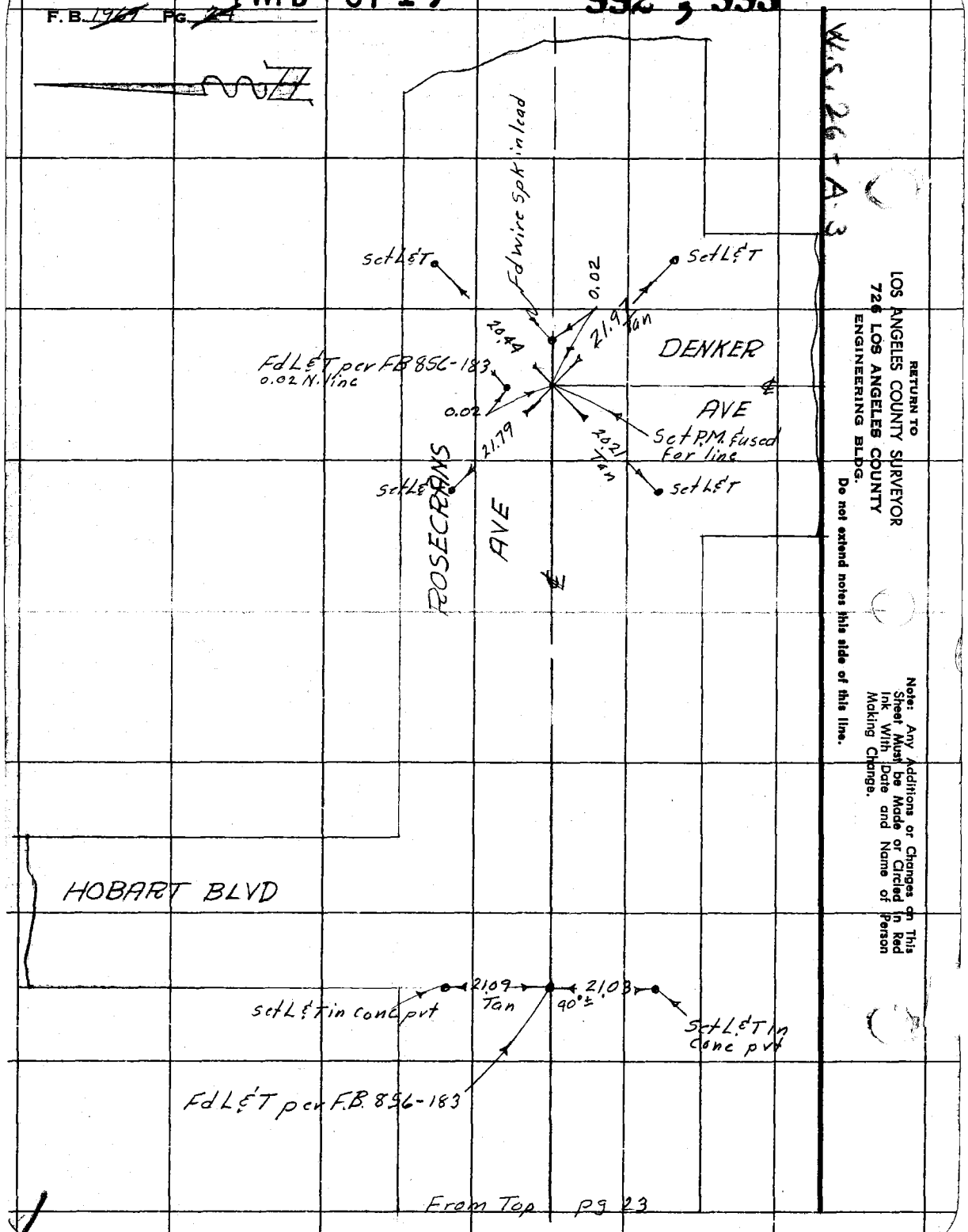
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 4-53

PWFB 0719

992 , 993

F. B. 1961 Pg. 24



From Top pg 23

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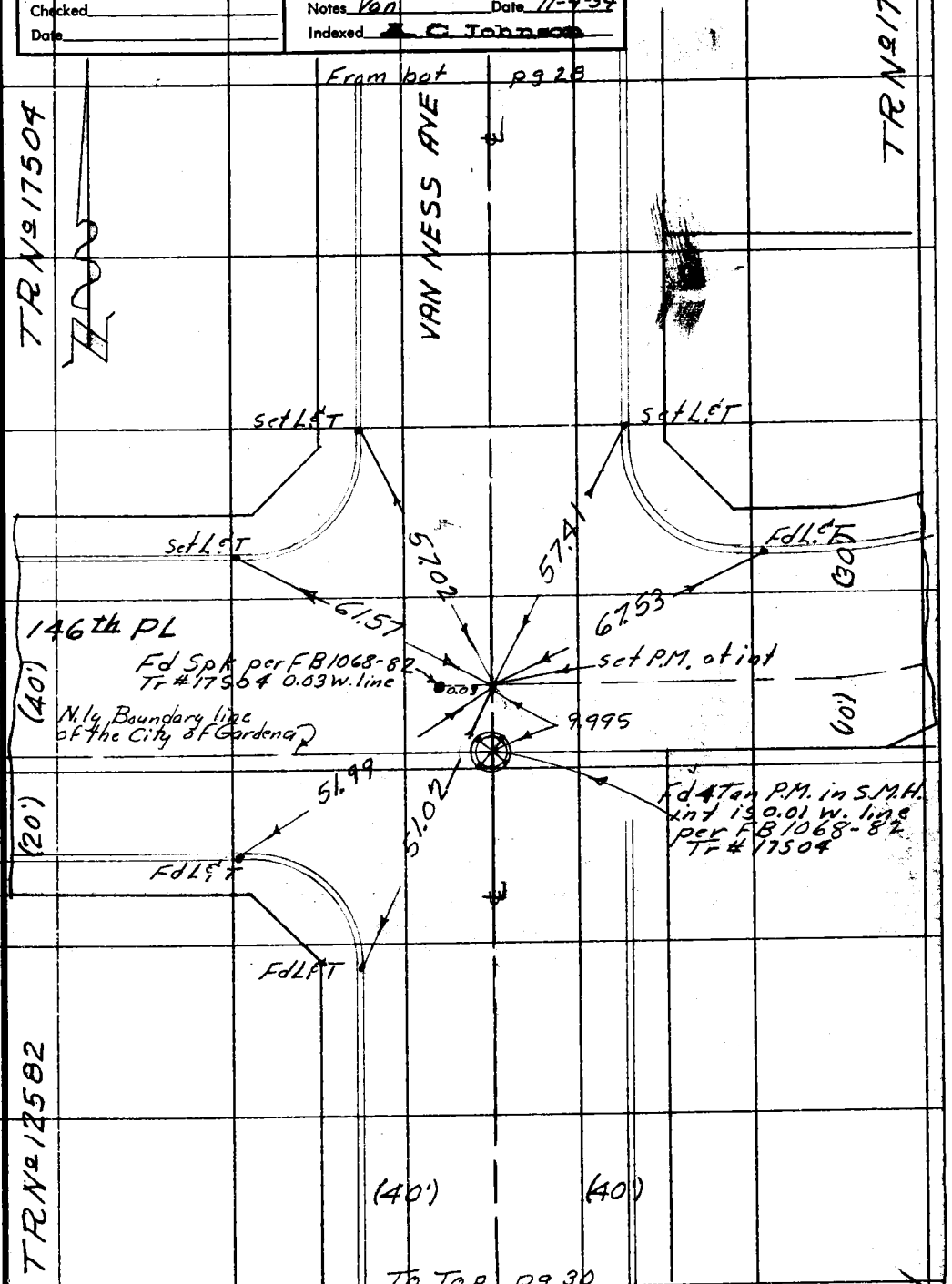
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 0719

995

F. B. 1969 Pg. 28

Notes Ck'd by Galli	Survey of Rosecrans Ave S.D
Map No.	W. 0622 6[illegible] Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Van Date 11-4-54
Date	Indexed A. C. Johnson



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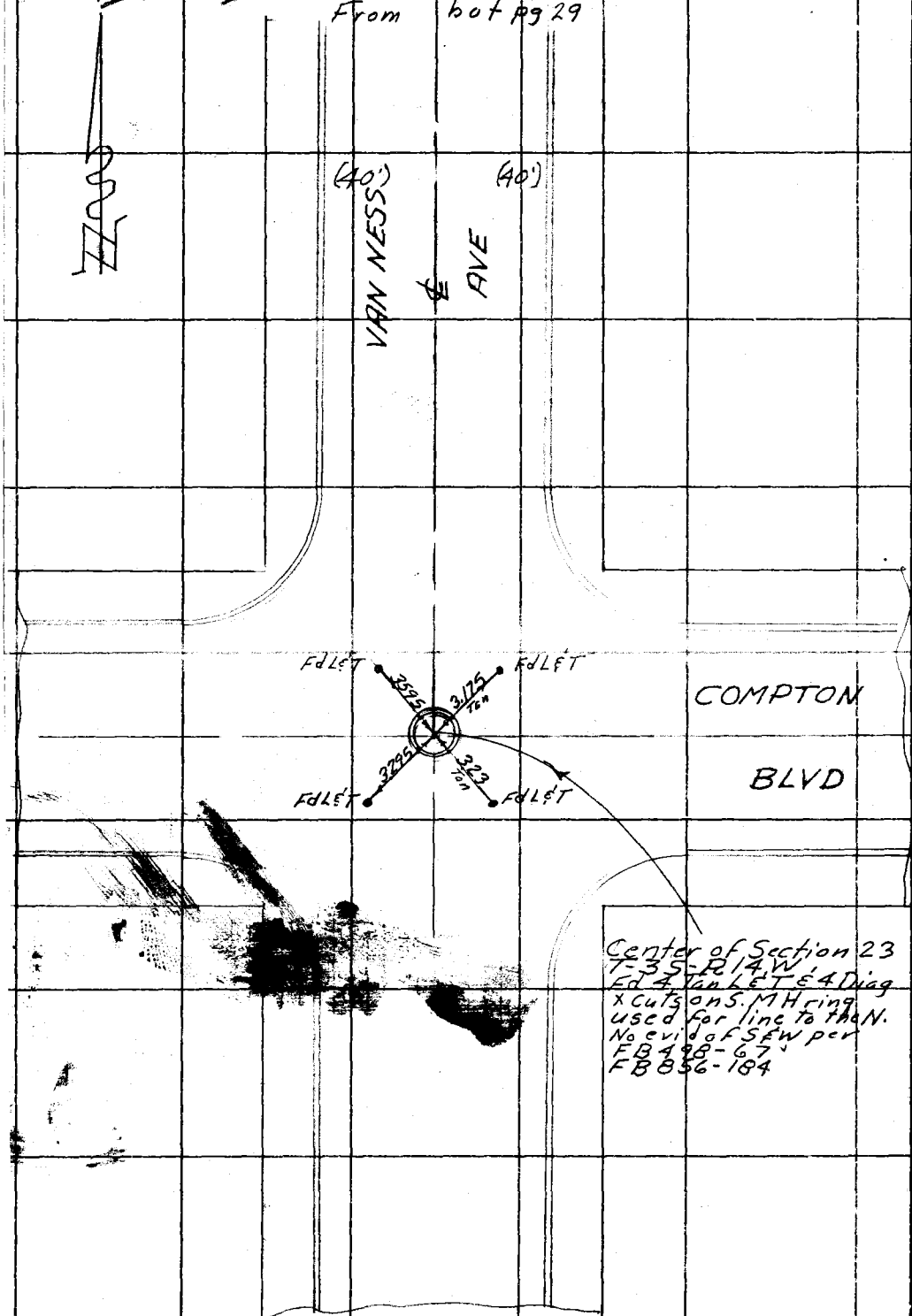
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

PWFB 0719 996

F.B. 1969 PG. 30

From bot pg 29



Center of Section 23
T-3S-R14W
Fd 4 Tan L&T & 4 Diag
x cuts on S. M H ring
used for line to the N.
No evid of S&W per
FB498-67
FB856-184

W.S. 26-A-3

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

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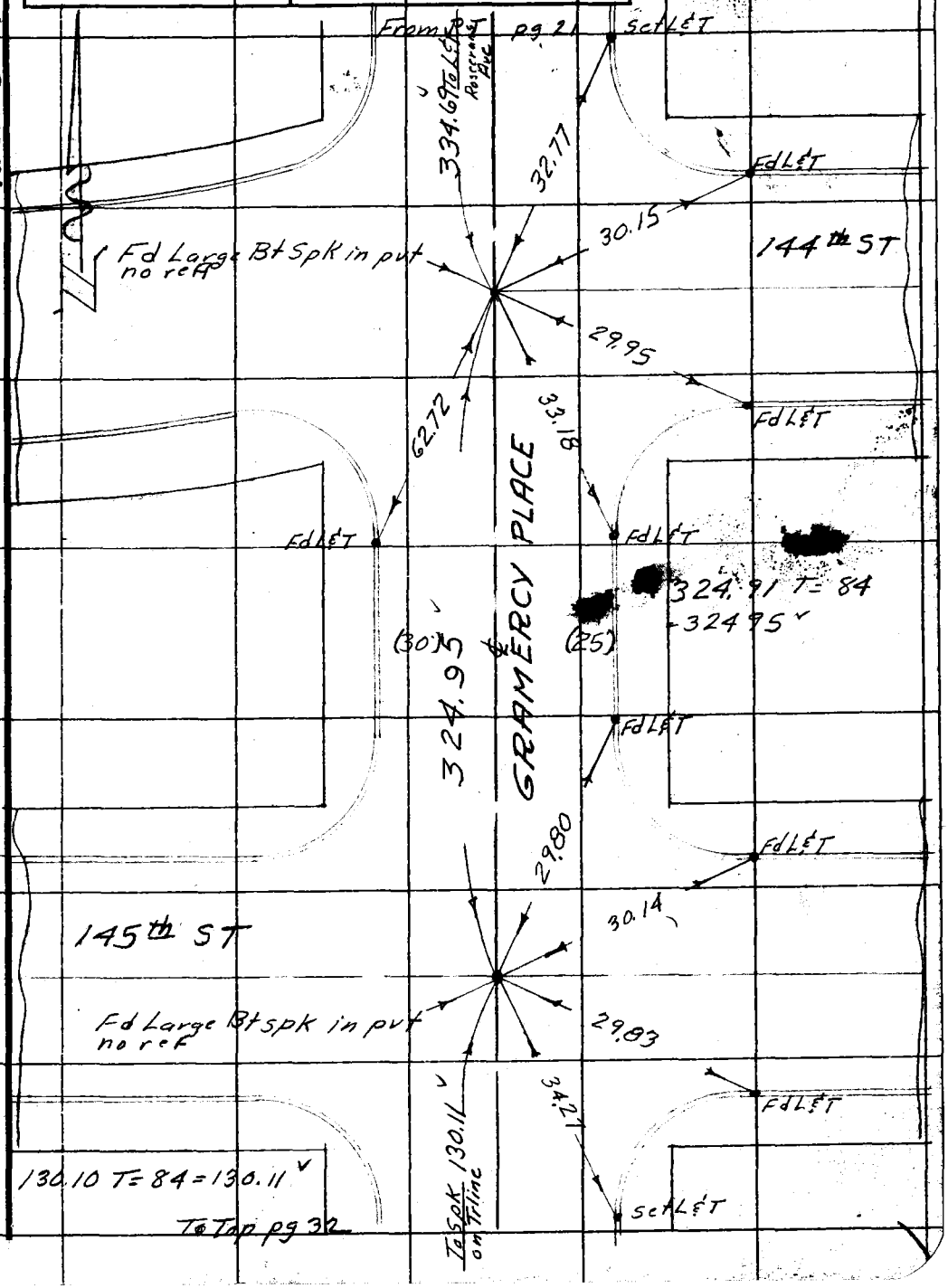
PWFB 0719

997

Notes Ck'd by Galli	Survey of Rosecrans Ave
Map No.	W. O. 6226.00 Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Van Date 11-5-54
Date	Indexed A. C. Johnson

F. B. 19[illegible] Pg. 21

W.S. 26-A-3



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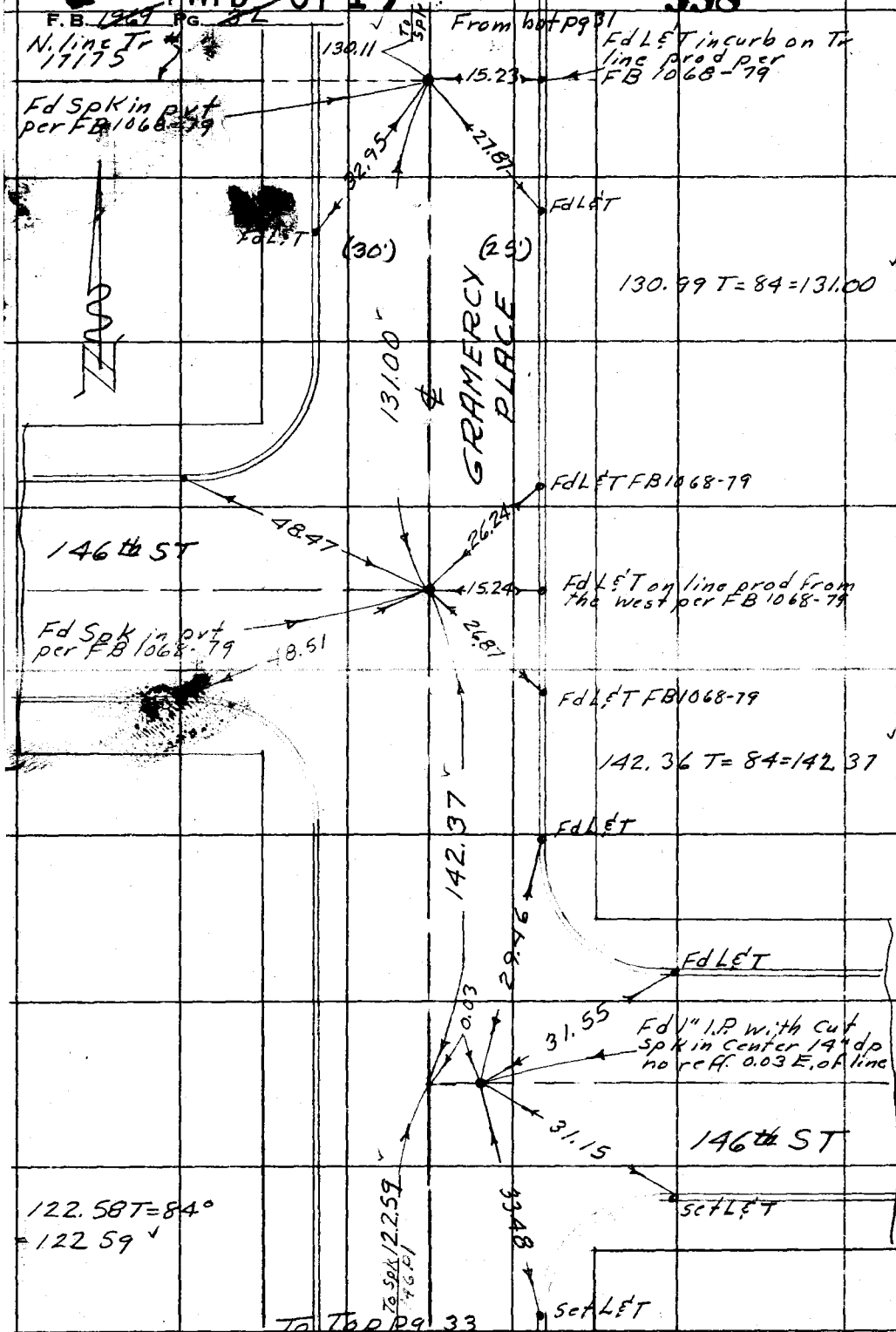
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

PWFB 0719

998

F.B. 1969 PG. 32



W.S. 26-A-3

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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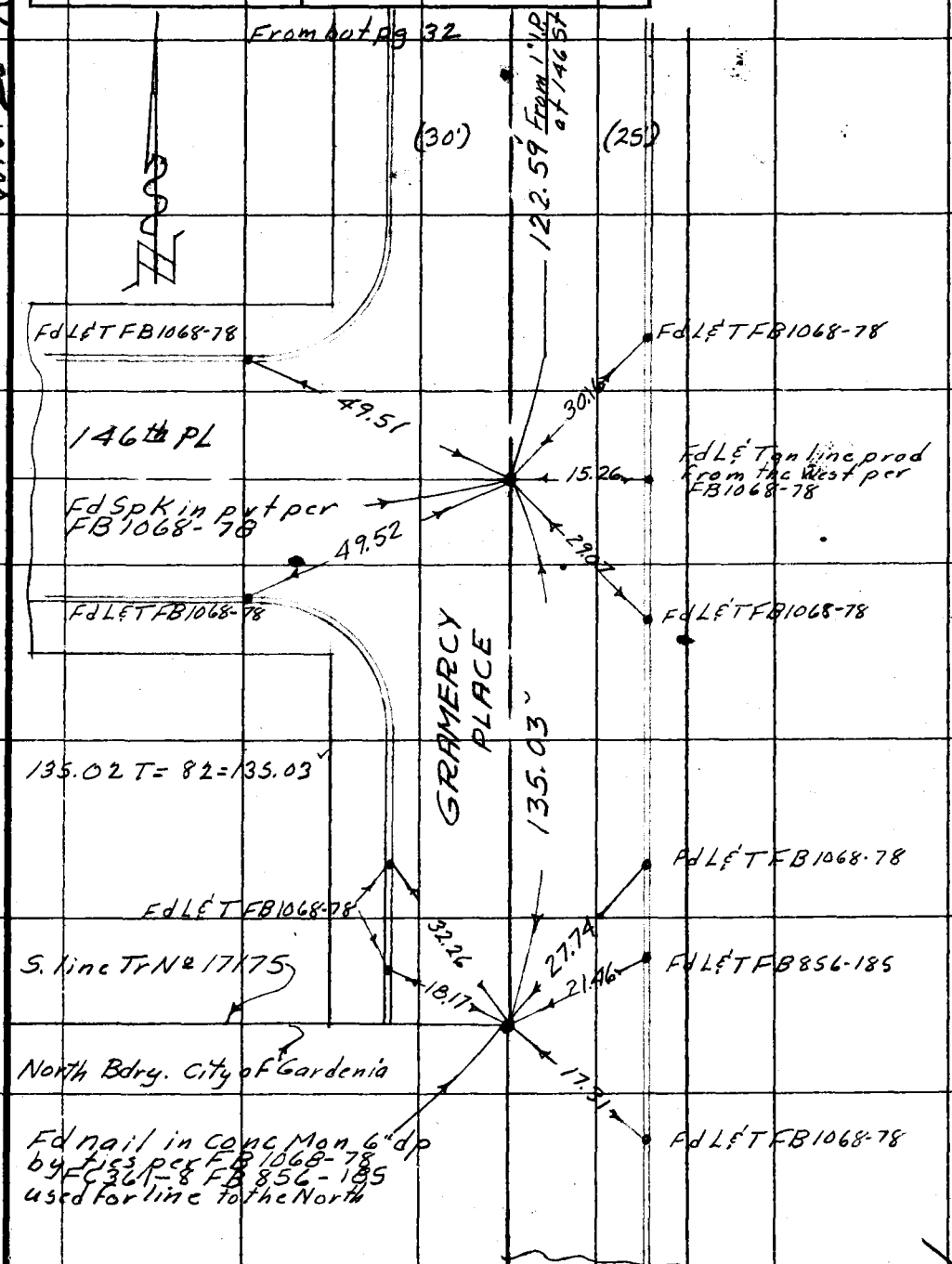
PWFB 0719

999

Notes Ck'd by Galli	Survey of Rosecrans Ave S.D.
Map No.	W. G 22600 Tape No 0145 St'd. 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Van Date 11-5-54
Date	Indexed A. C. Johnson

F.B. 1961 Pg. 25

W.S. 26-A-3



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RETURN TO
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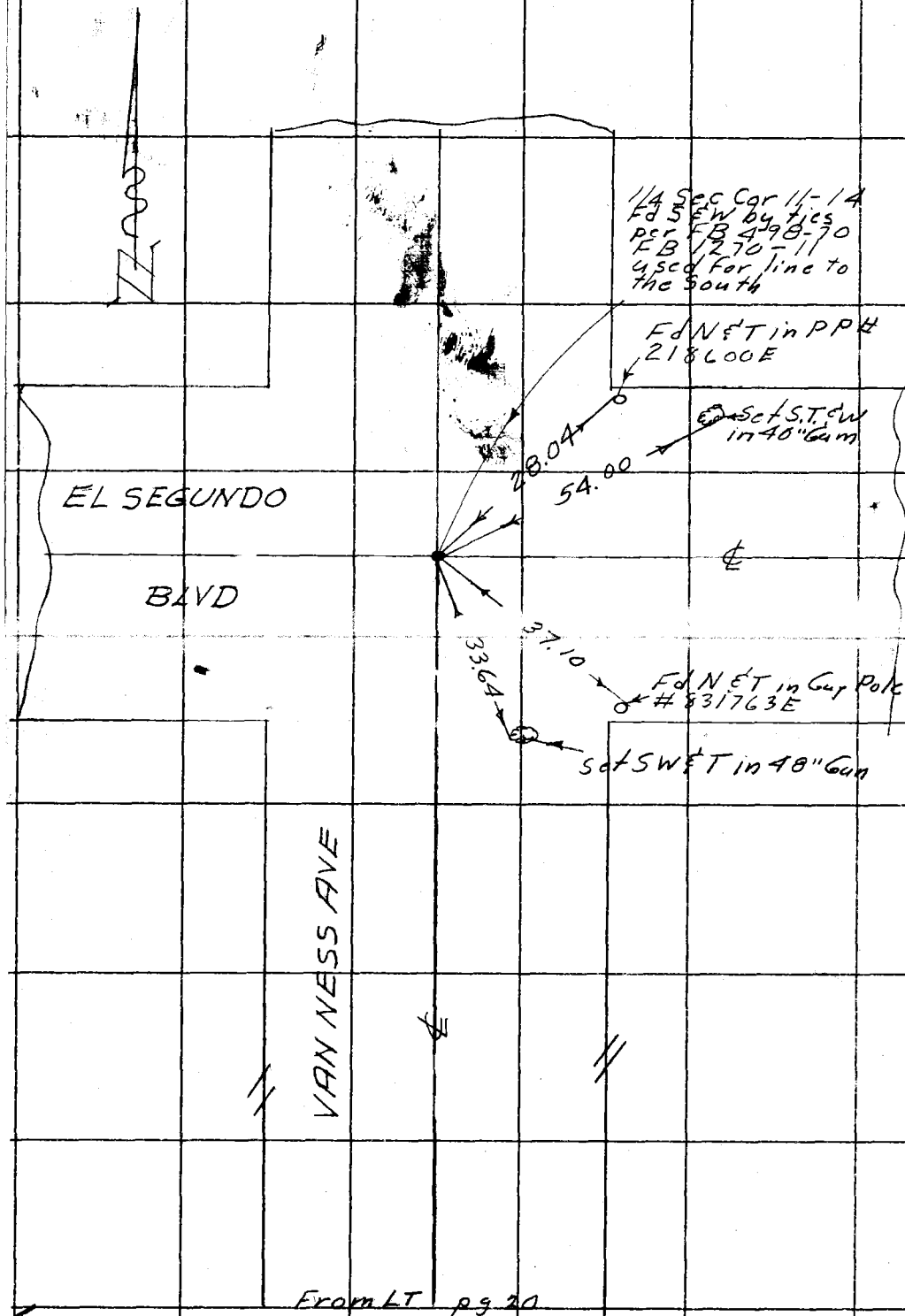
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F.B. 1969 PG. 34

W.S. 26-A-2



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

PWFB 0719

1000

Notes Ck'd by Galli	Survey of Rosecrans Ave SD
Map No.	W. O. 62260 Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Van Date 11-8-54
Date	Indexed A. C. Johnson

F. B. 1969 Pg. 35

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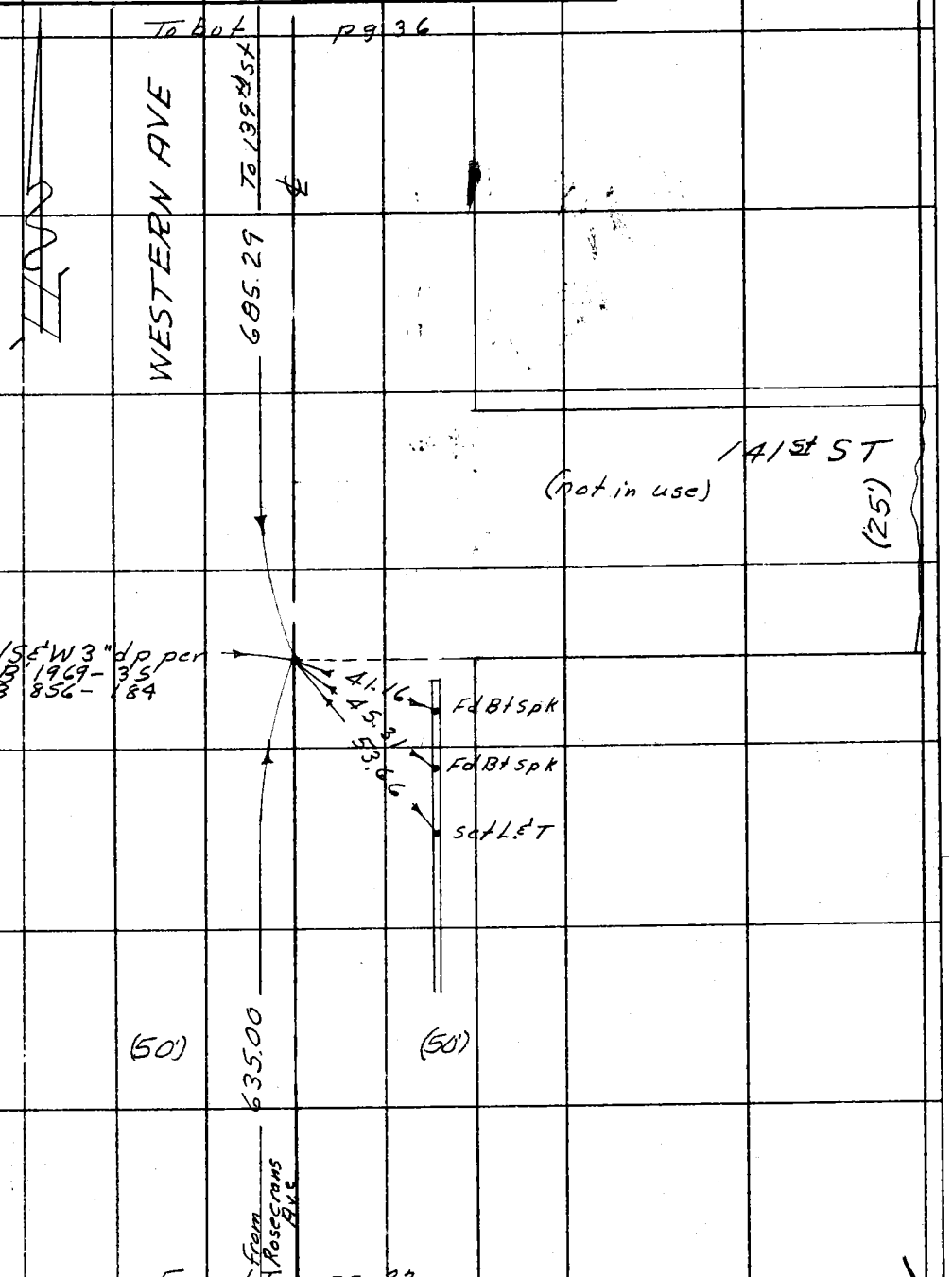
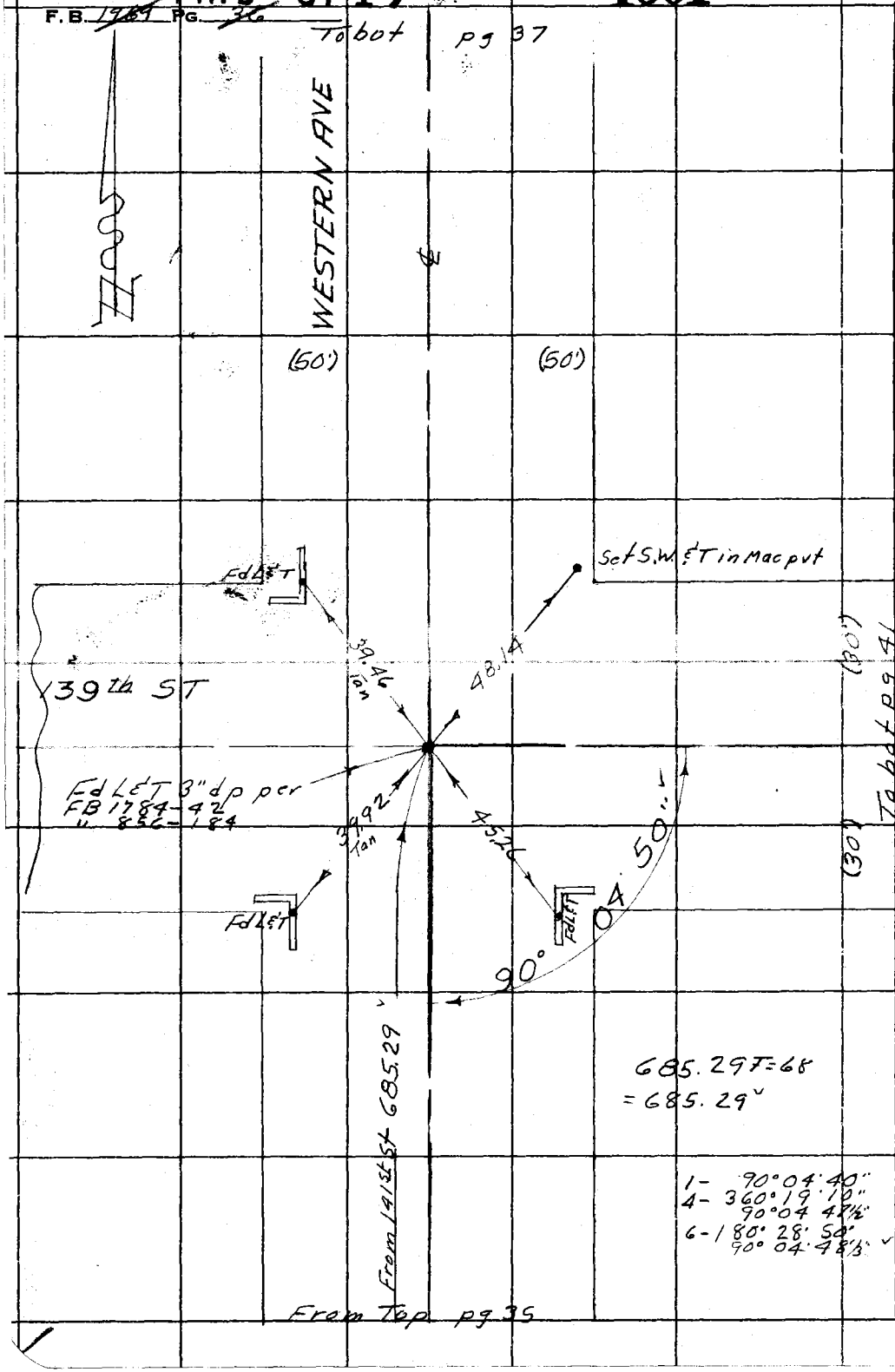
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54



PWFB 0719 1001

F.B. ~~1969~~ PG. ~~36~~



W.S. 26-A-3

RETURN TO
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726 LOS ANGELES COUNTY
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PWFB 0819 2217, 2218

F. B. 1964 PG. 37

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

Survey of Rosecrans Ave SD
W. O. 6226 Tape No. 0145 St'd. 68 °F
Surveyed by M. A. Van Deren
Notes Van Date 11-8-54
Indexed E. C. Johnson

W. S. 26-A-3

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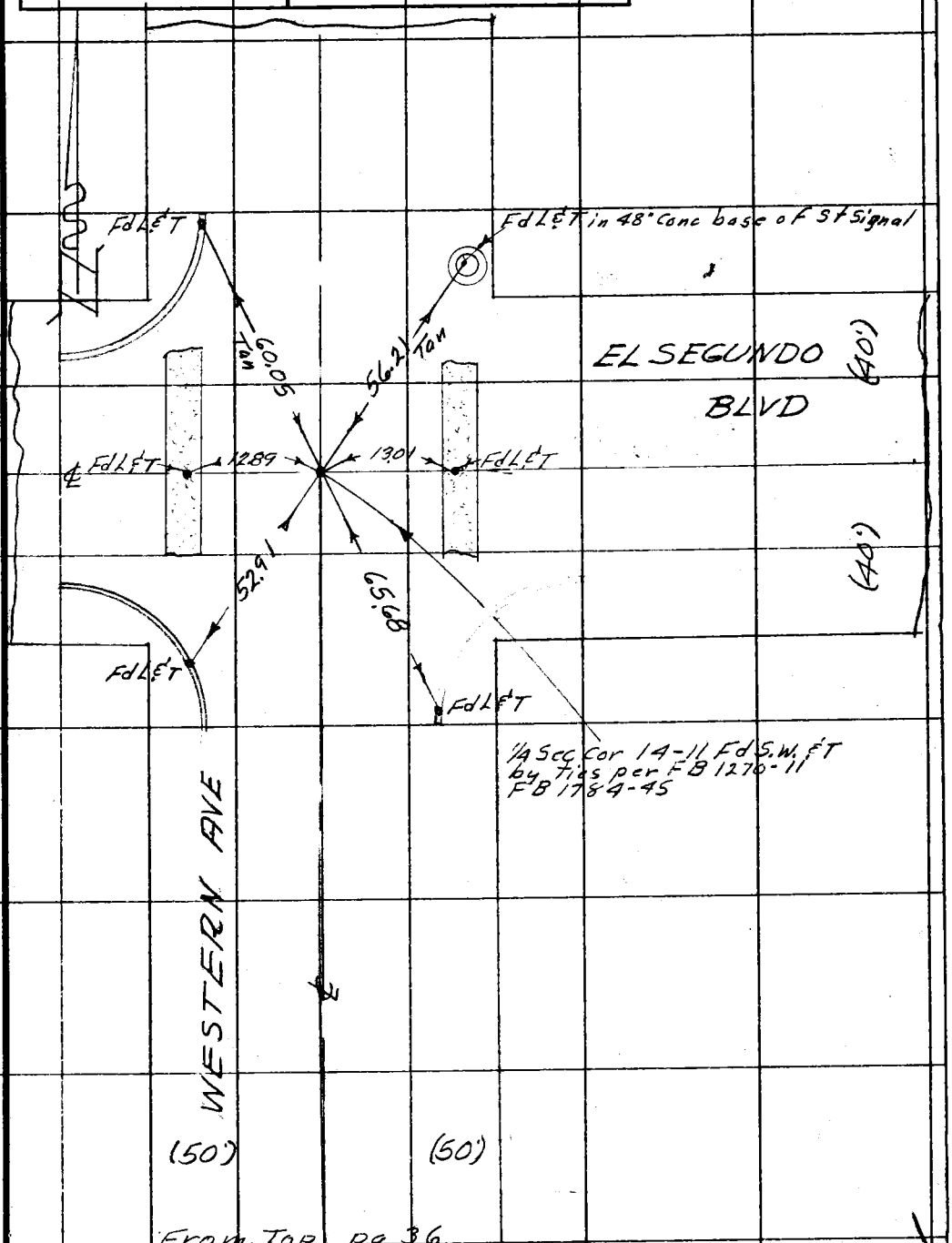

From Top pg 36

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726 LOS ANGELES COUNTY
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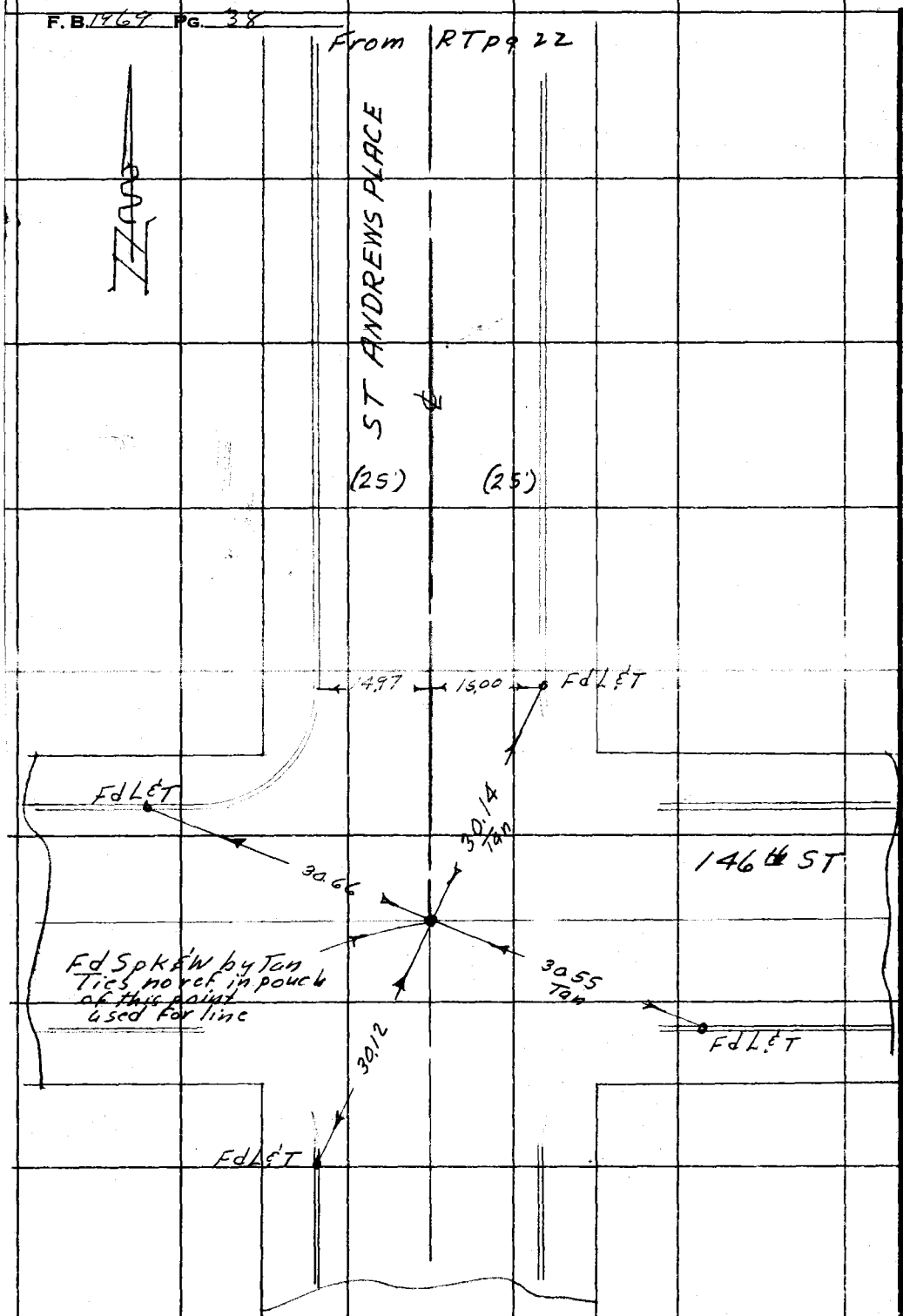
76F309S S&E #247, 8-54

F.B. 1769 PG. 38

From RT pg 22

W.S. 26-A 3



RETURN TO
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726 LOS ANGELES COUNTY
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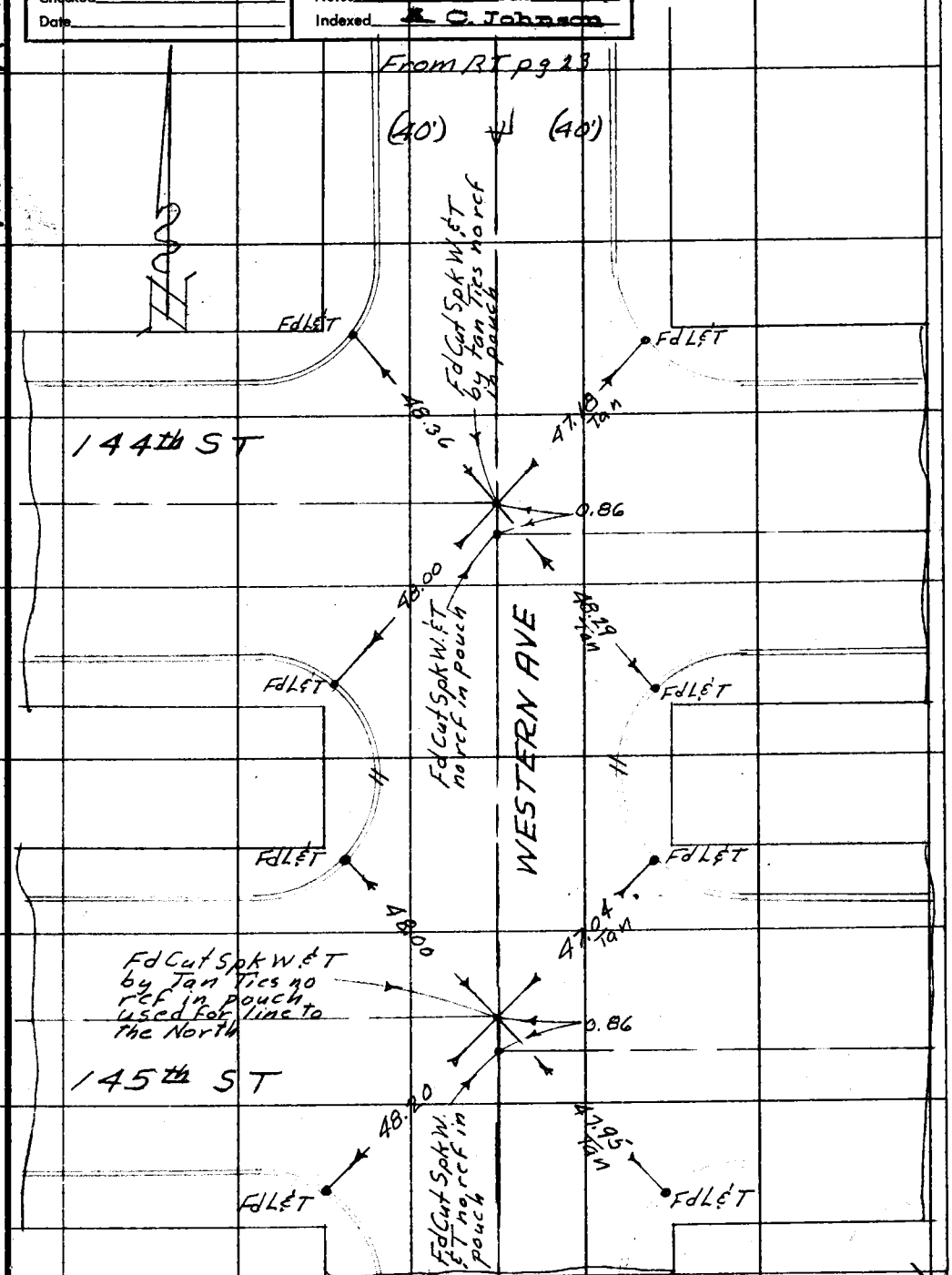
PWFB 0719

1003 , 1004

F. B. 1968 Pg. 29

Notes Ck'd by Galli	Survey of Rosecrans Ave S.D
Map No.	W. O. 6226.0 Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by M.A. Van Deren
Checked	Notes Van Date 11-8-54
Date	Indexed A. C. Johnson

W.S. 26 - A - 3



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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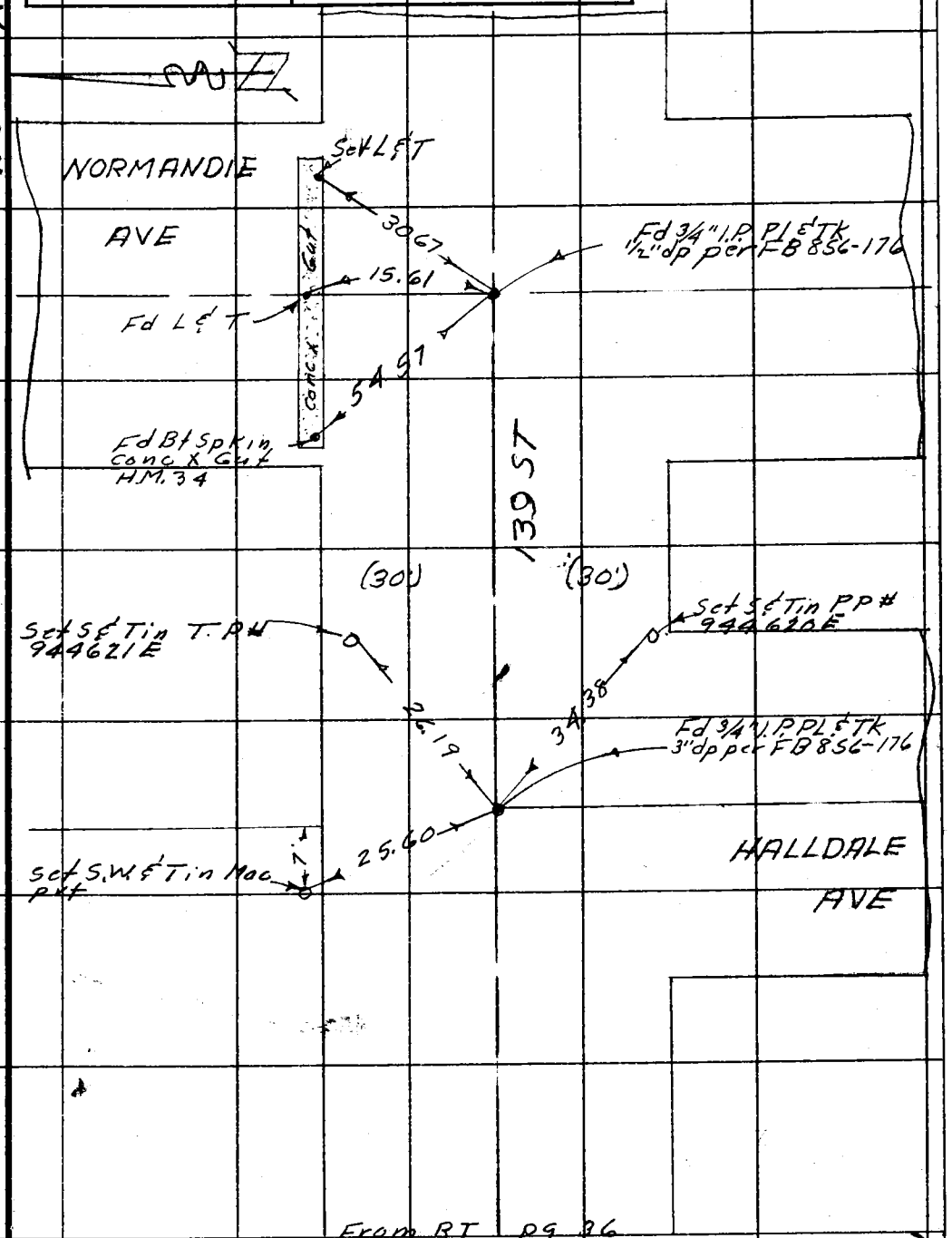
Do not extend notes this side of this line.

F.B. 1167 PG. 40

PWFB 0719 1005 , 1006

F. B. 1961 Pg. 41

Notes Ck'd by Galli	Survey of Rosecrans Ave SD
Map No.	W. O. 22600 Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Van Date 11-9-54
Date	Indexed A. C. Johnson



From RT pg 36

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RETURN TO
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726 LOS ANGELES COUNTY
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76F309S S&E #247. 8-54

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

Do not extend notes this side of this line.

F. B. 1967 PG. 42

Notes Ck'd by Galli	Survey of Rosecrans Ave S.D.
Map No.	W. O. 622600 Tape No. 0195 St'd. 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Van Date
Date	Indexed E. C. Johnson

F. B. 1969 PG. 49

NOV 24 '54

JN 622600

LOCATION OF STORMDRAIN LINE

ON

ROSECRANS AVE PROJECT No 11

Van Deren
Richards
Bazen
McCullough
Nunez

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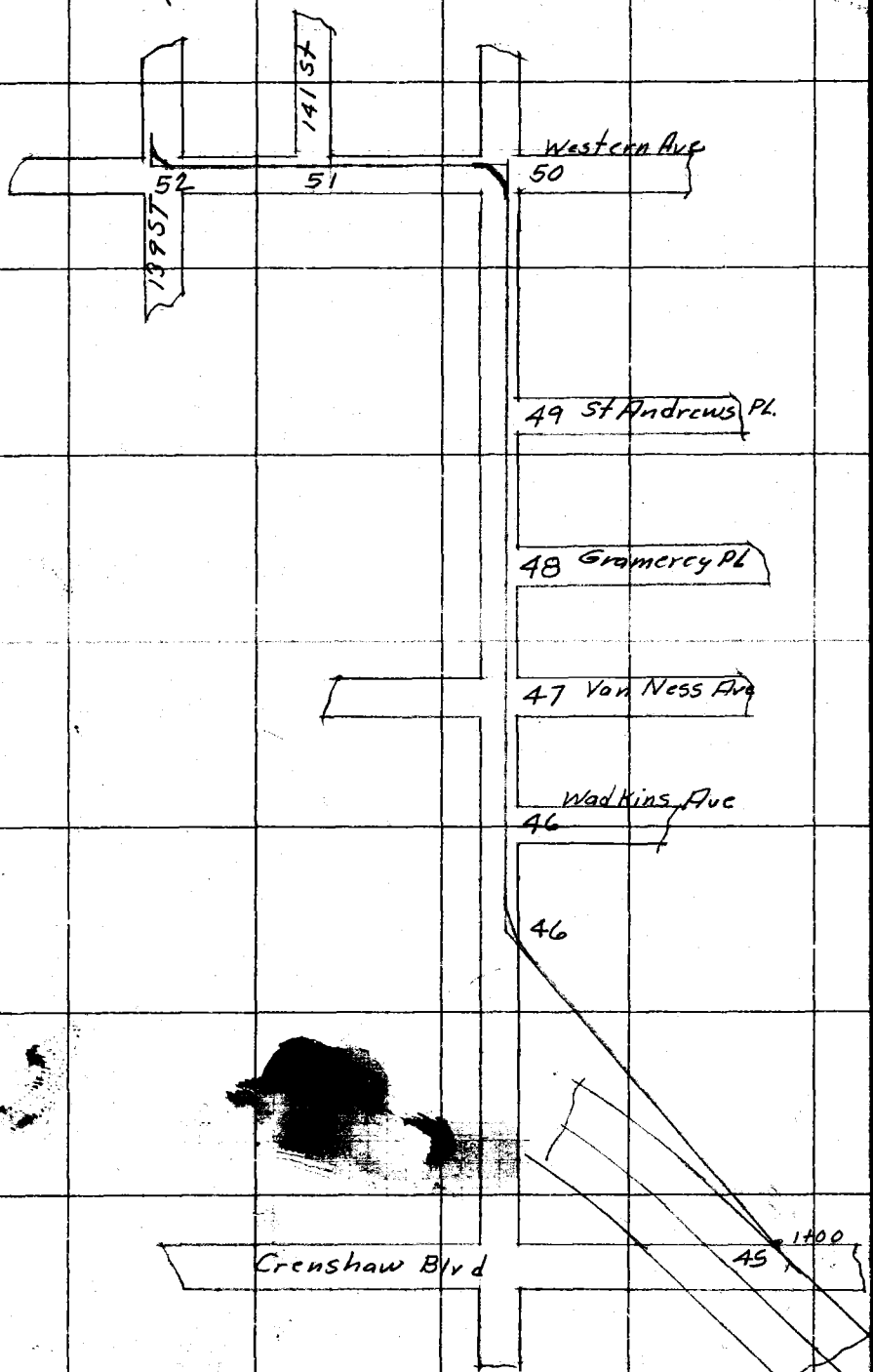
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 4-53

F.B. 1969 PG. 44

STORM DRAIN INDEX



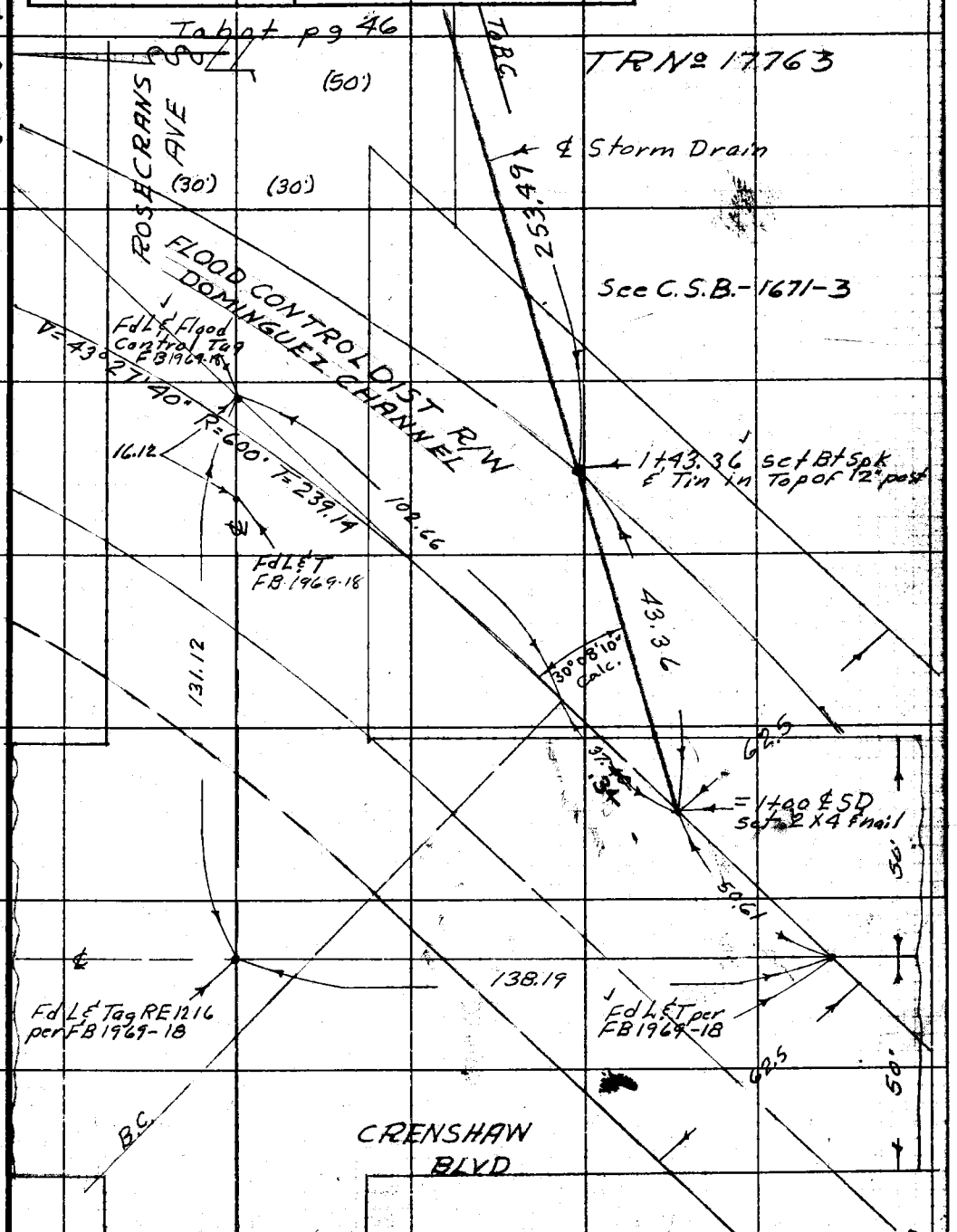
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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 Galli	Survey of Rosecrans Ave S D
Map No.	W. O. 6226.00 Tape No. 0195 Std. 68 °F
Office Work	Surveyed by M.A. Van Deren
Checked	Notes Van Date 11-54
Date	Indexed A. C. Johnson

F.B. 1969 Pg. 45



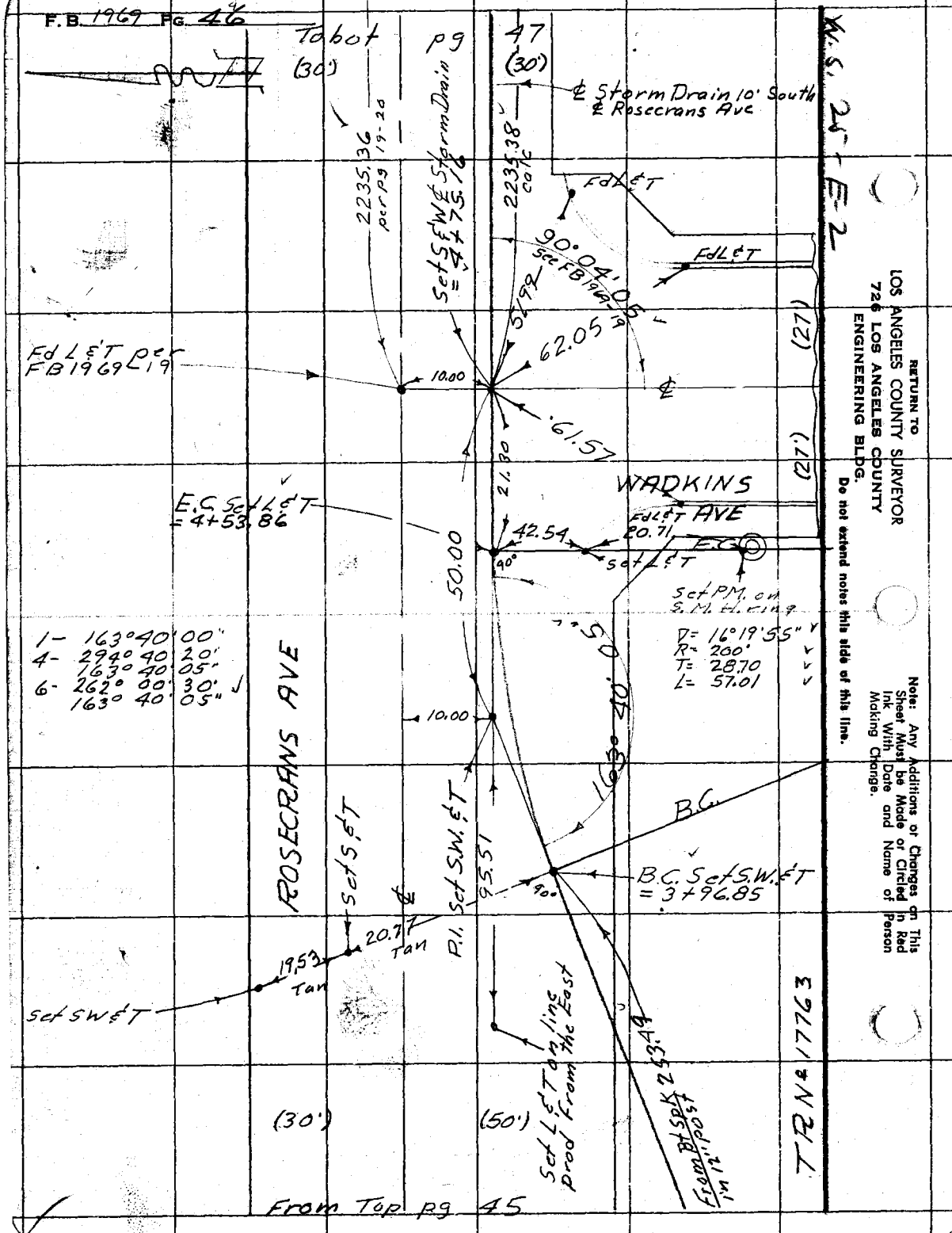
W.S. 25-D-2

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

Do not extend notes this side of this line.

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

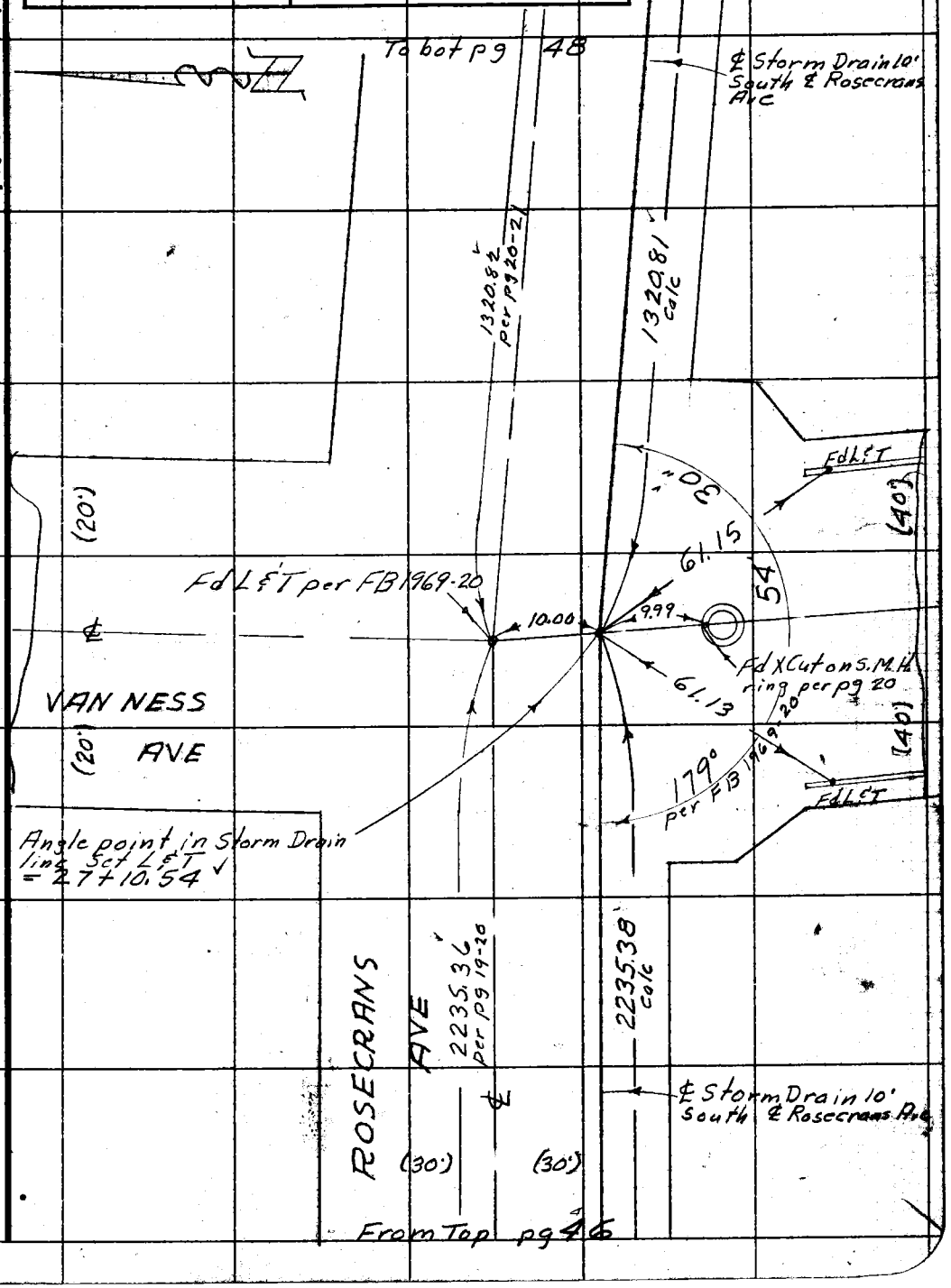
76F3008 247 4-53


F.B. 1969 Pg. 46
Tobot pg 47
(30')
(30')
℄ Storm Drain 10' South
℄ Rosecrans Ave
2235.36 per pg 19-20
Set S&W ℄ Storm Drain = 4+75.16
2235.38 calc
FdL&T
FdL&T
90°04'05" See FB1969-19
51.99
62.05
Fd L&T per FB1969-19
10.00
61.57
21.30
(27')
(27')
WADKINS AVE
E.C. Set L&T = 4+53.86
42.54
Fd L&T 20.71
E.C.
90°
Set L&T
Set PM. on S.M. H. ring
50.00
1- 163°40'00"
4- 294°40'20"
163°40'05"
6- 262°00'30"
163°40'05"
D= 16°19'55"
R= 200'
T= 28.70
L= 57.01
163°40'05"
10.00
ROSECRANS AVE
Set S&T
P.I. Set S.W.&T
95.51
B.C.
B.C. Set S.W.&T = 3+96.85
90°
20.77 Tan
19.53 Tan
Set SW&T
Set L&T on line prod from the East
From Bt Spk 253.49 in 12" post
(30')
(50')
From Top pg 45
TR No 17763
W.S. 25-E-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 Galli	Survey of Rosecrans Ave SD
Map No.	W. 0626.00 Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by M.A. Van Deren
Checked	Notes Van Date 11-4-54
Date	Indexed [illegible] C. Johnson

F.B. 1969 Pg. 47

W.S. 26-A-3



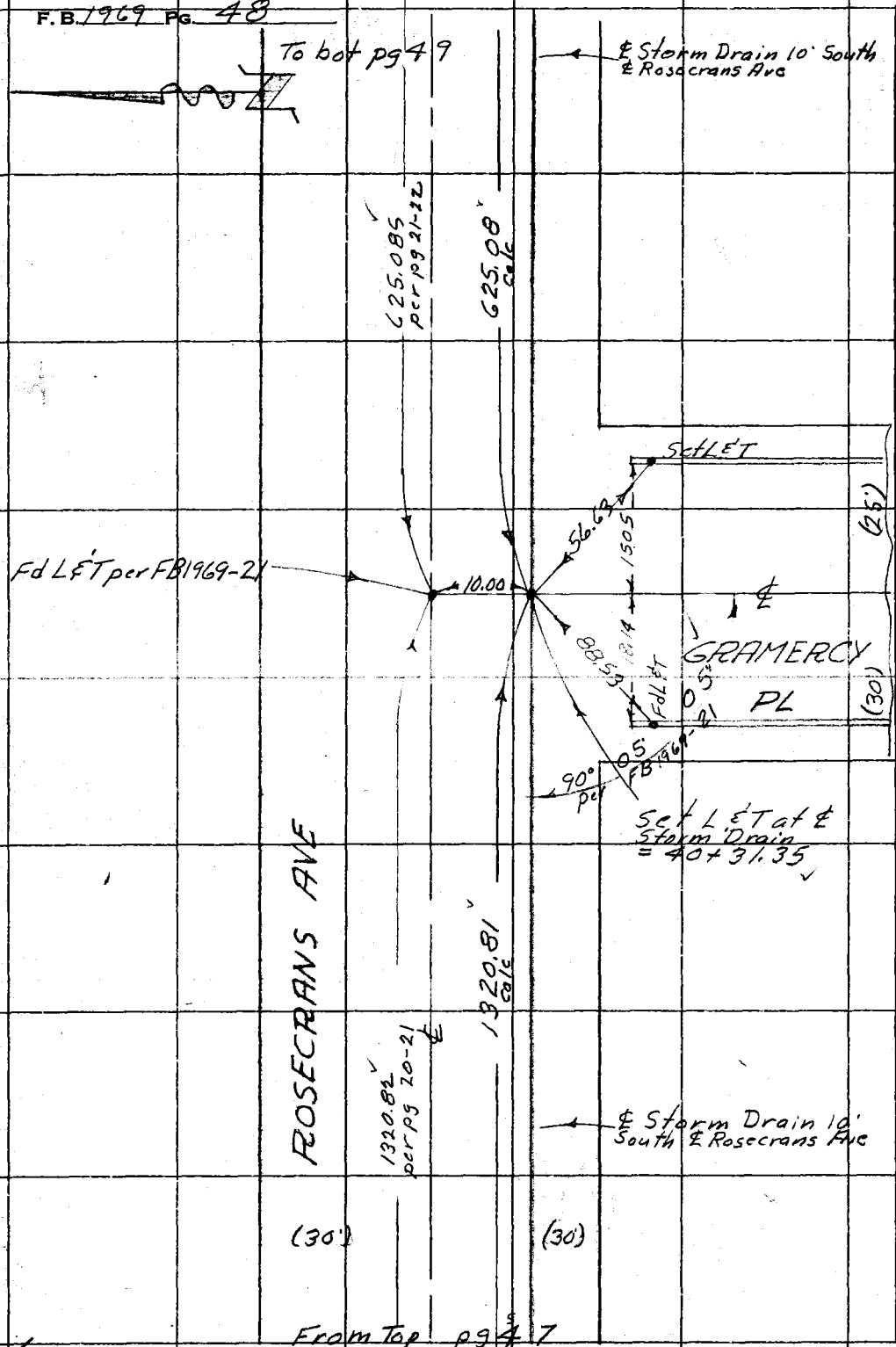
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3098 247 4-53

F.B. 1969 PG. 48



W.S. 126-A3

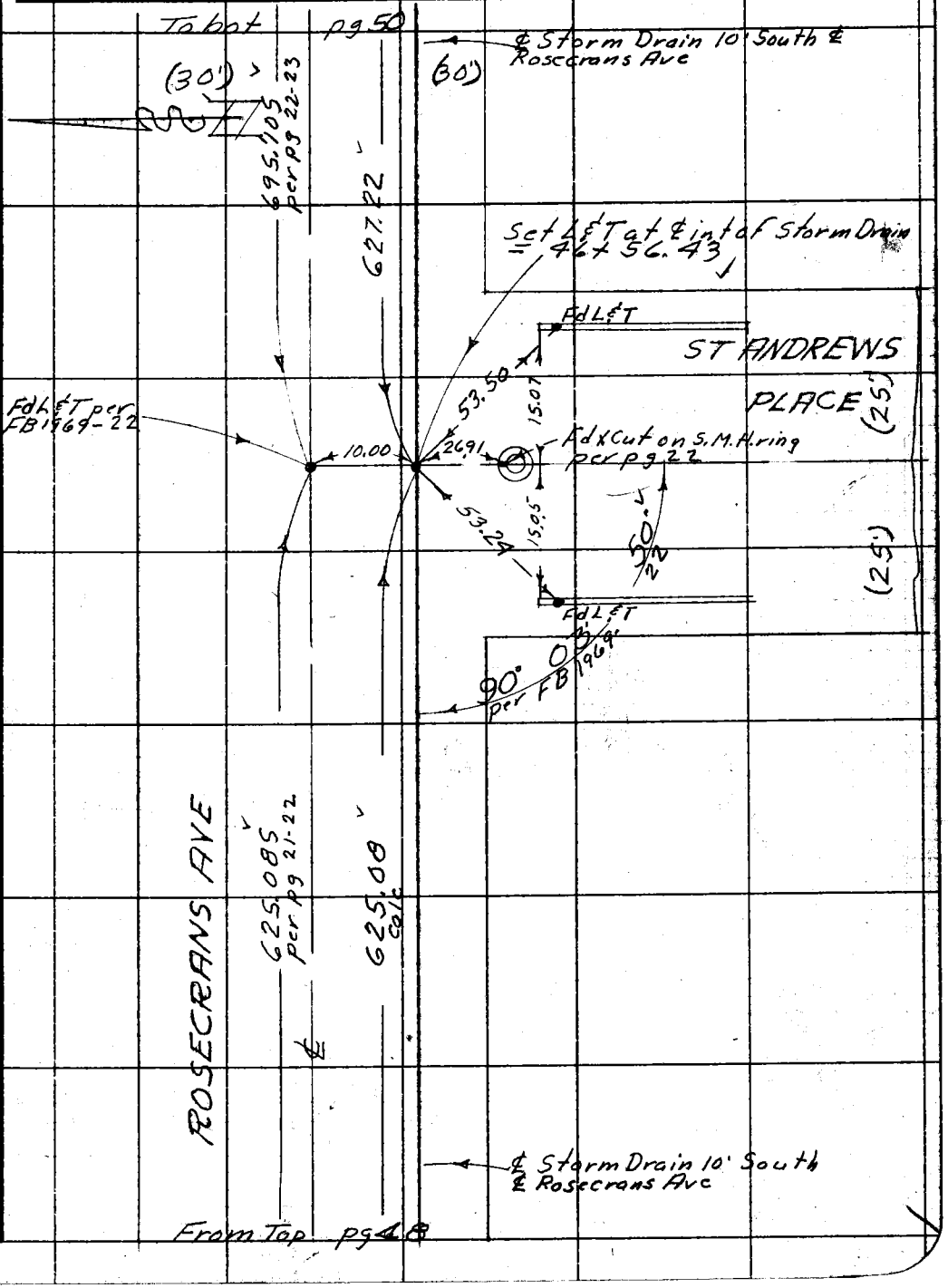
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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 Galli	Survey of Rosecrans Ave
Map No.	W. 06226.120 Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes Van Date 11-4-54
Date	Indexed A. C. Johnson

F.B. 1969 Pg. 49

W.S. 26-A-3



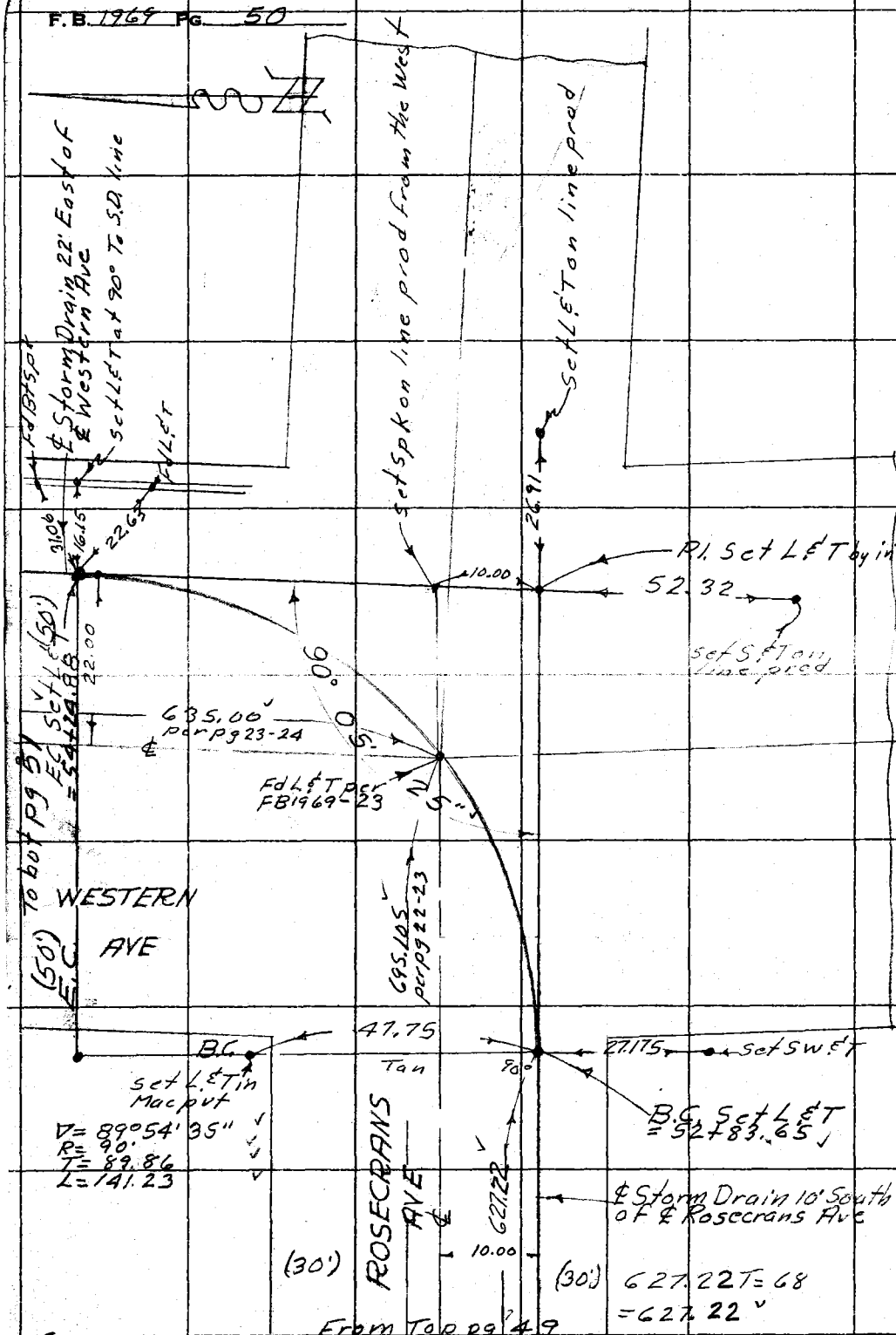
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3098 247 4-53

F.B. 1969 PG. 50



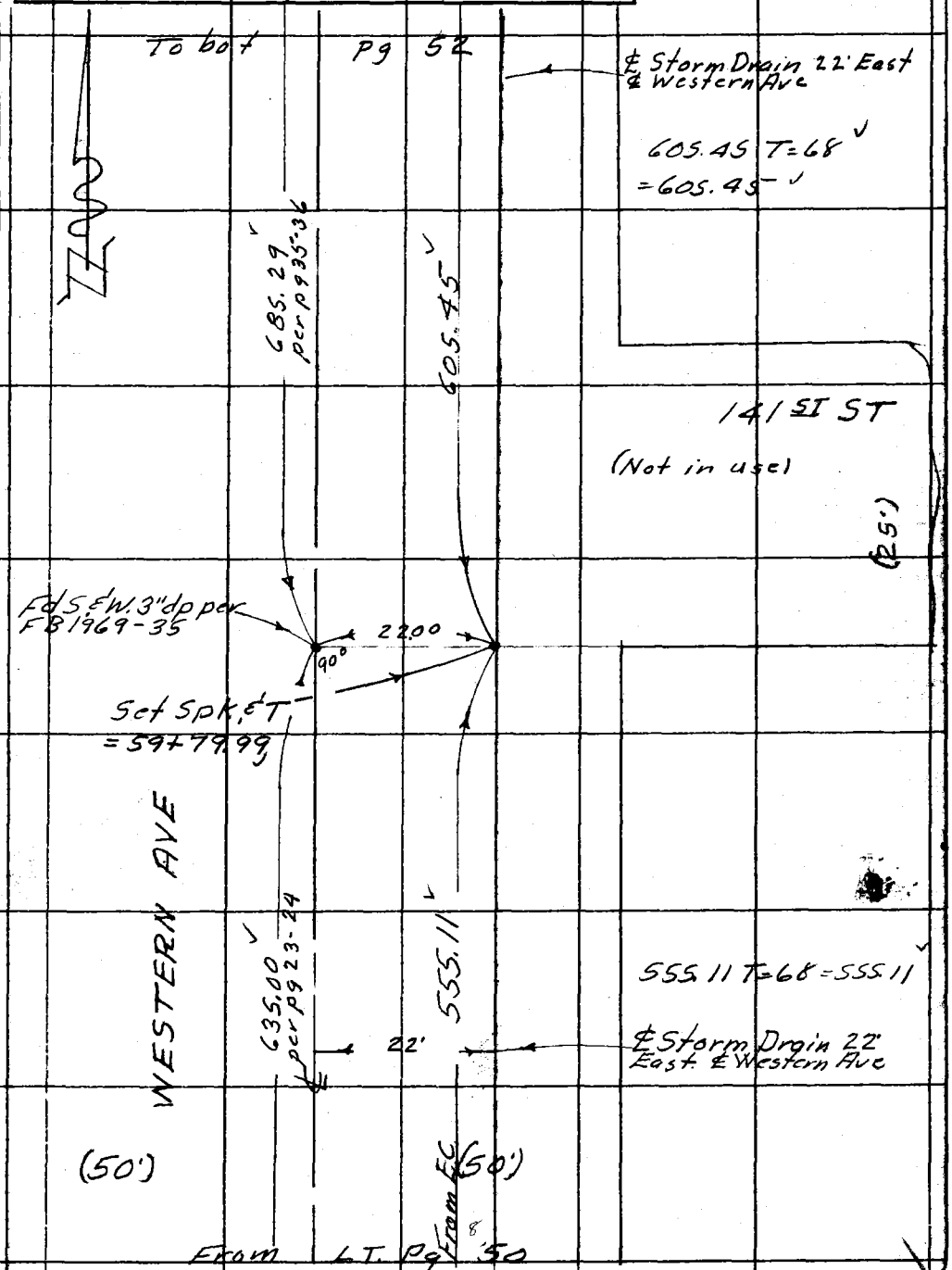
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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 Galli	Survey of Rosecrans Ave SD	F.B. 1969 Pg. 51
Map No.	W. 622600 Tape No. 0045 Std. 68 °F	
Office Work	Surveyed by M.A. Van Deren	
Checked	Notes Van Date 11-8-54	
Date	Indexed A. C. Johnson	

W.S. 26-A-3



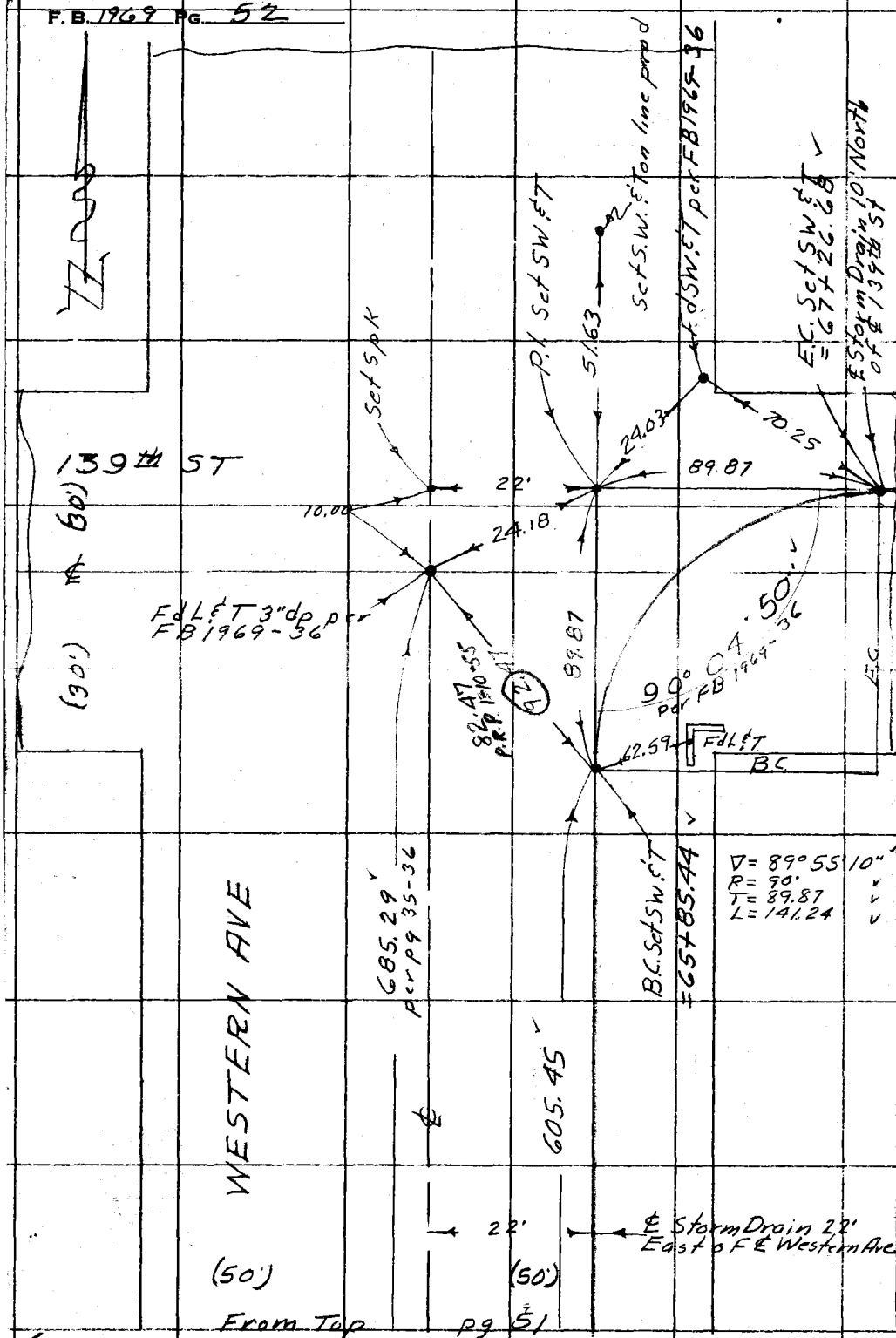
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S S&E #247. 8-54

F.B. 1969 Pg. 52



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	Survey of Rosecrans Ave SD
Map No.	W. O. 6226 Tape No. 195 St'd. 68 °F
Office Work	Surveyed by M. A. Van Deren
Checked	Notes W. Richards Date 11-16-54
Date	Indexed ~~J. C. Johnson~~

F. B. 1969 Pg. 63

NOV 24 '54

JN 6226.00

TOPOGRAPHY ON ROSECRANS AVE SD

FROM

DOMINGUEZ CHANNEL TO 139th ST

OFF sets taken From St ℄. From Wadkins Ave East

no storm Drain alinement map in pouch at this Time

11-16-54
Van Deren
Richards
Bazen
McCullough
Nunez

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.

76F9008 S&E #247. 8-54

F. B. 1969 PG. 64

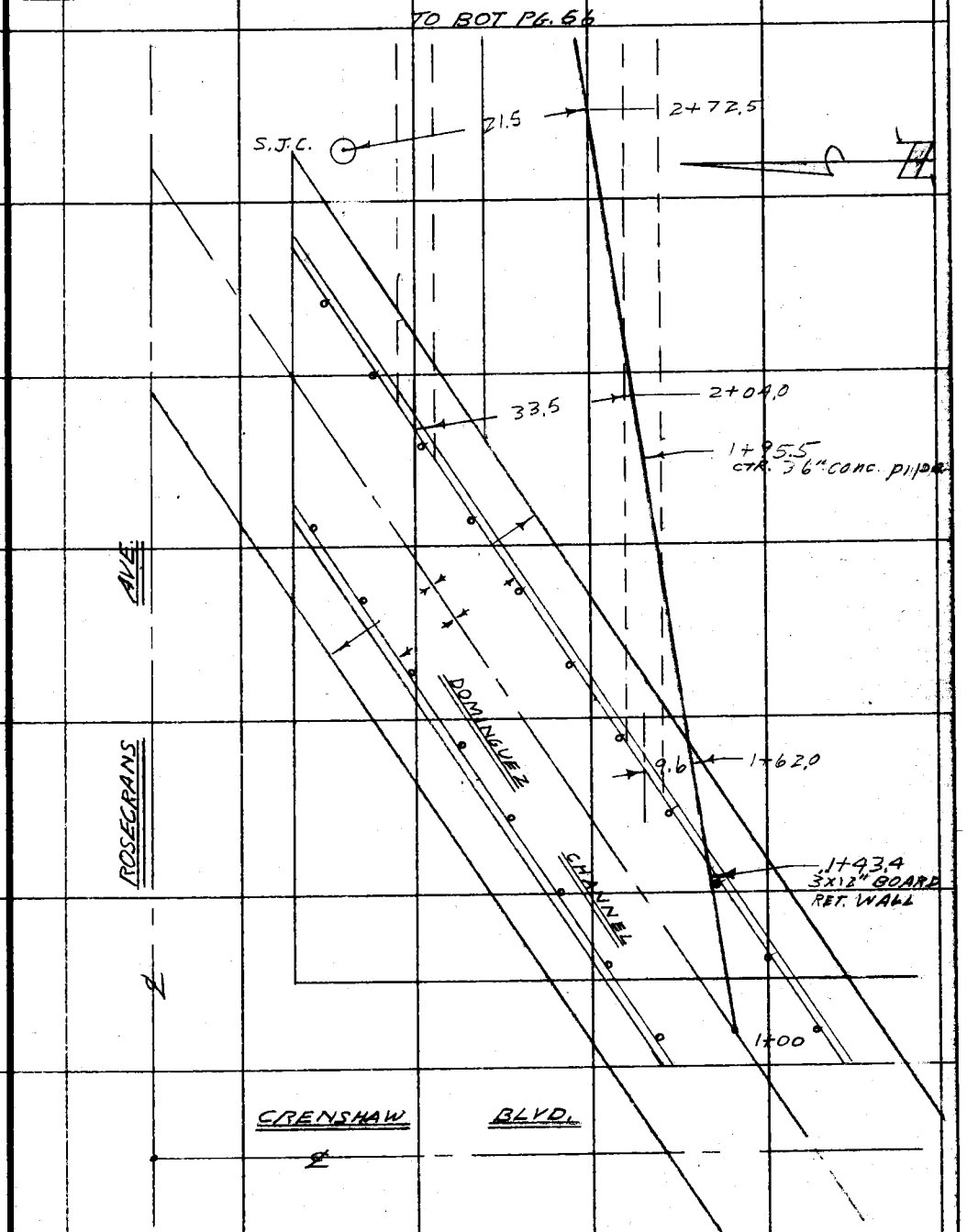
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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	Survey of ROSECRANS AVE. S.D.
Map No.	W. O. 6226.06 Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by Van Der cn
Checked	Notes RICHARDS Date 11-8-54
Date	Indexed K. C. Johnson

F.B. 1964 PG. 65

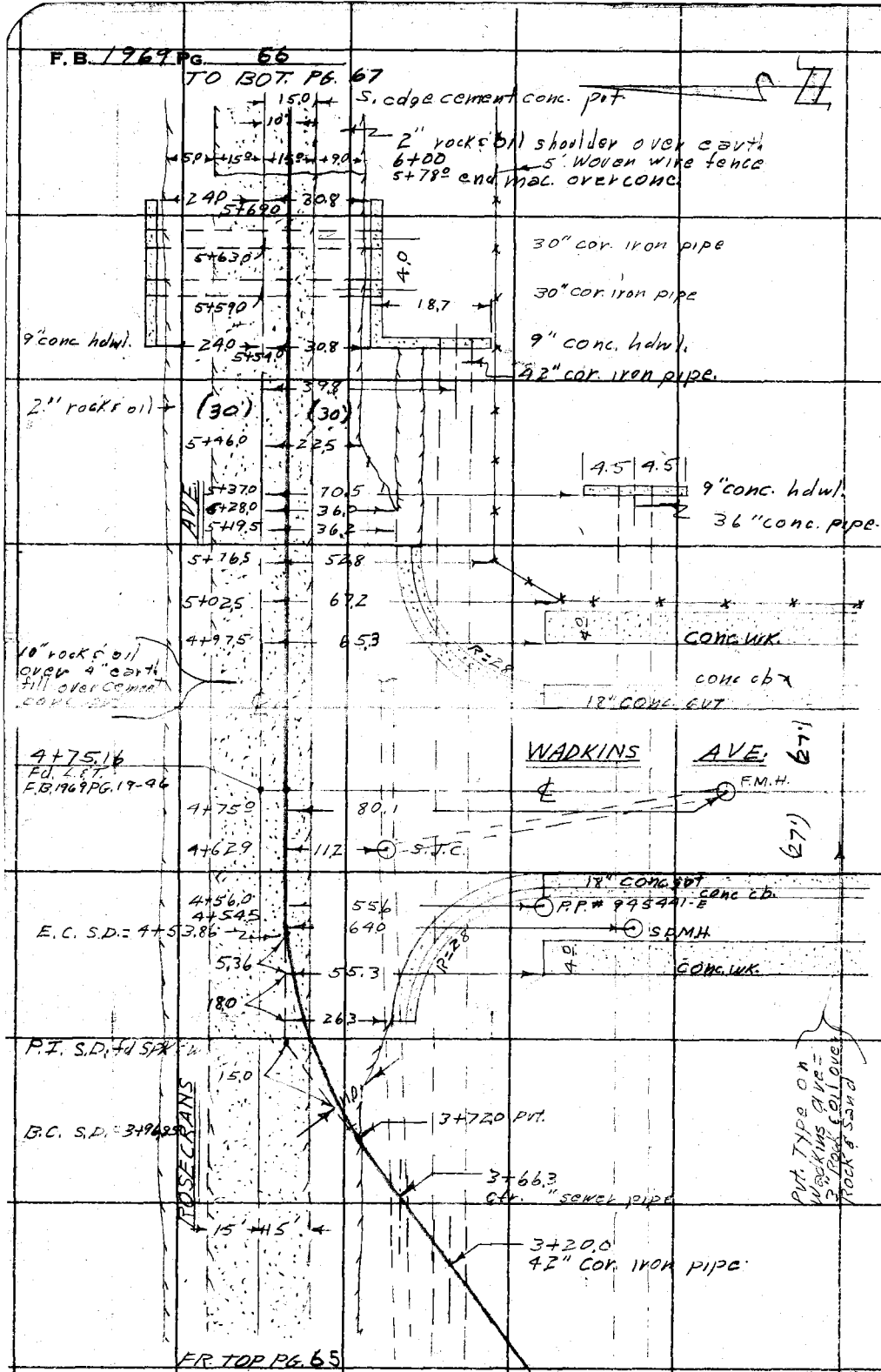


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54



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	Survey of ROSECRANS AVE. S.D.
Map No.	W. O. 8.226.00 Tape No. 2.145 St'd. 68 °F
Office Work	Surveyed by Van Deren
Checked	Notes RICHARDS Date 11-8-54
Date	Indexed E. C. Johnson

F.B. 1269 PG. 67

TO BOT PG. 68

(30) (30)

30.0 — 24+09.0

5.5 — Longitudinal joint in conc pvt

6" T.P. # 1820 — 23+88.5 — 21.0 — S.D. NO. 5 M.H.

AVE

6" T.P. # 1821 — 30.0 — 22+30.0

20+68.5 — 21.0 — S.D. NO. 5 M.H.

6" T.P. # 1822 — 30.0 — 20+56.0

℄ — edge conc. pvt.

6" T.P. # 1823 — 30.0 — 18+81.0

17+46.0 — 21.0 — S.D. NO. 5 M.H.

6" TP # 1824 L-12 — 17+04.0

4.0 — 15.0 — 15.0 — 6.0 — 17+00

6" T.P. # 18/25 — 30.0 — 15+27.0

14+26.2 — 21.0 — S.D. NO. 5 M.H.

6" T.P. # 18/26 — 30.0 — 13+51.0

10.0

6" T.P. # 18/27 — 30.0 — 11+74.5

5.5 — Longitudinal joint in conc pvt

11+05.0 — 21.0 — S.D. NO. 5 M.H.

(30) (30)

6" T.P. # 18/28 — 30.0 — 9+98.0 — max. shoulder 4" rock & oil over 10" rock & sand

4.0 — 15.0 — 5.0 — 10.0 — 7.0

6" T.P. # 18/29 — 30.0 — 8+24.0

ROSECRANS

7+83.0 — 21.2 — S.D. NO. 5 M.H.

6" T.P. # 18/30 — 30.0 — 6+47.0

PVT = 4" rock & oil over 10" rock & sand

6+30 — 22.0

6+22.0 — 24.0

6+11.5 — 27.3 — 8" cor. iron pipe

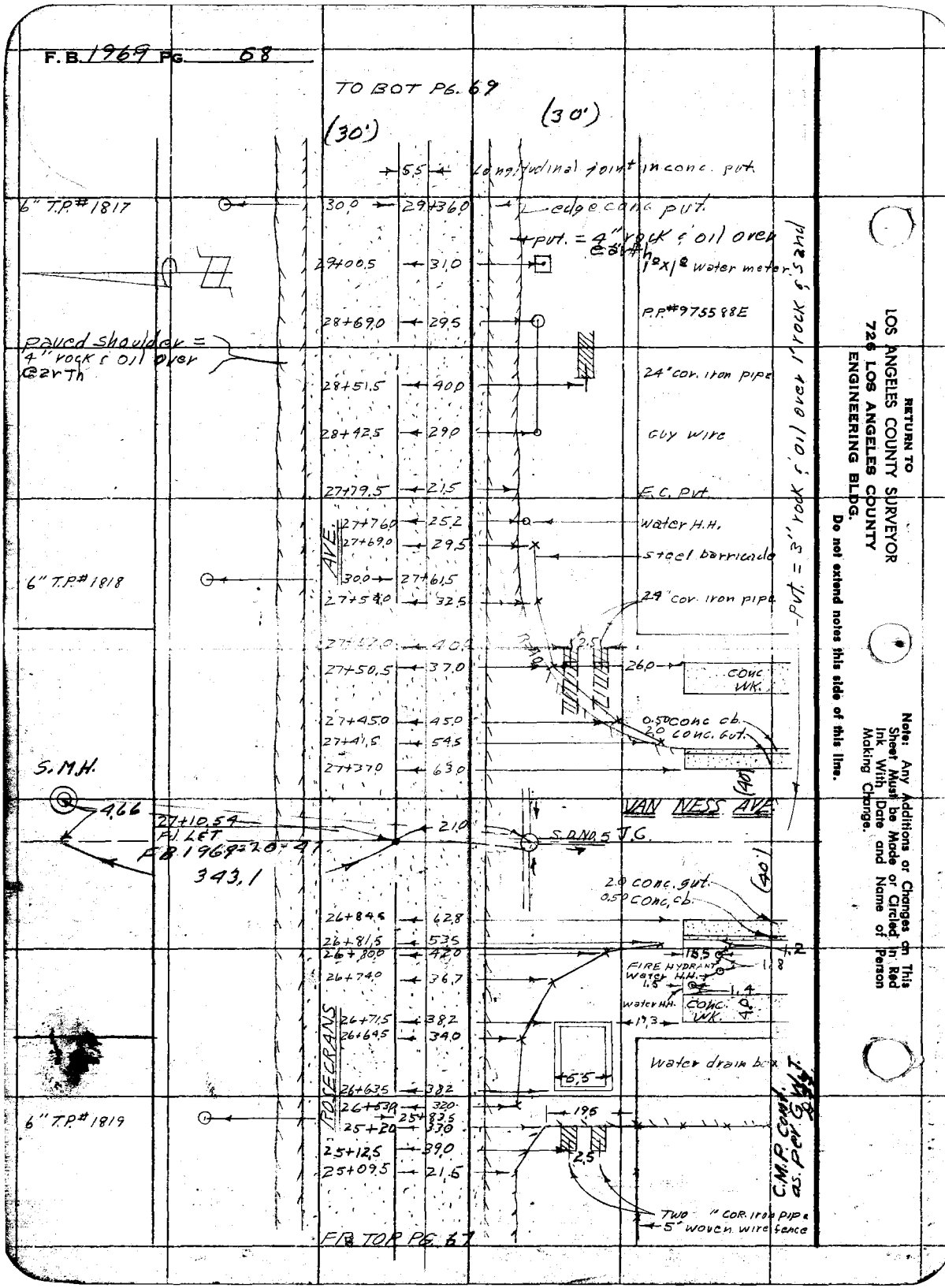
FR. TOP PG. 66

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.

Form 247 4-53



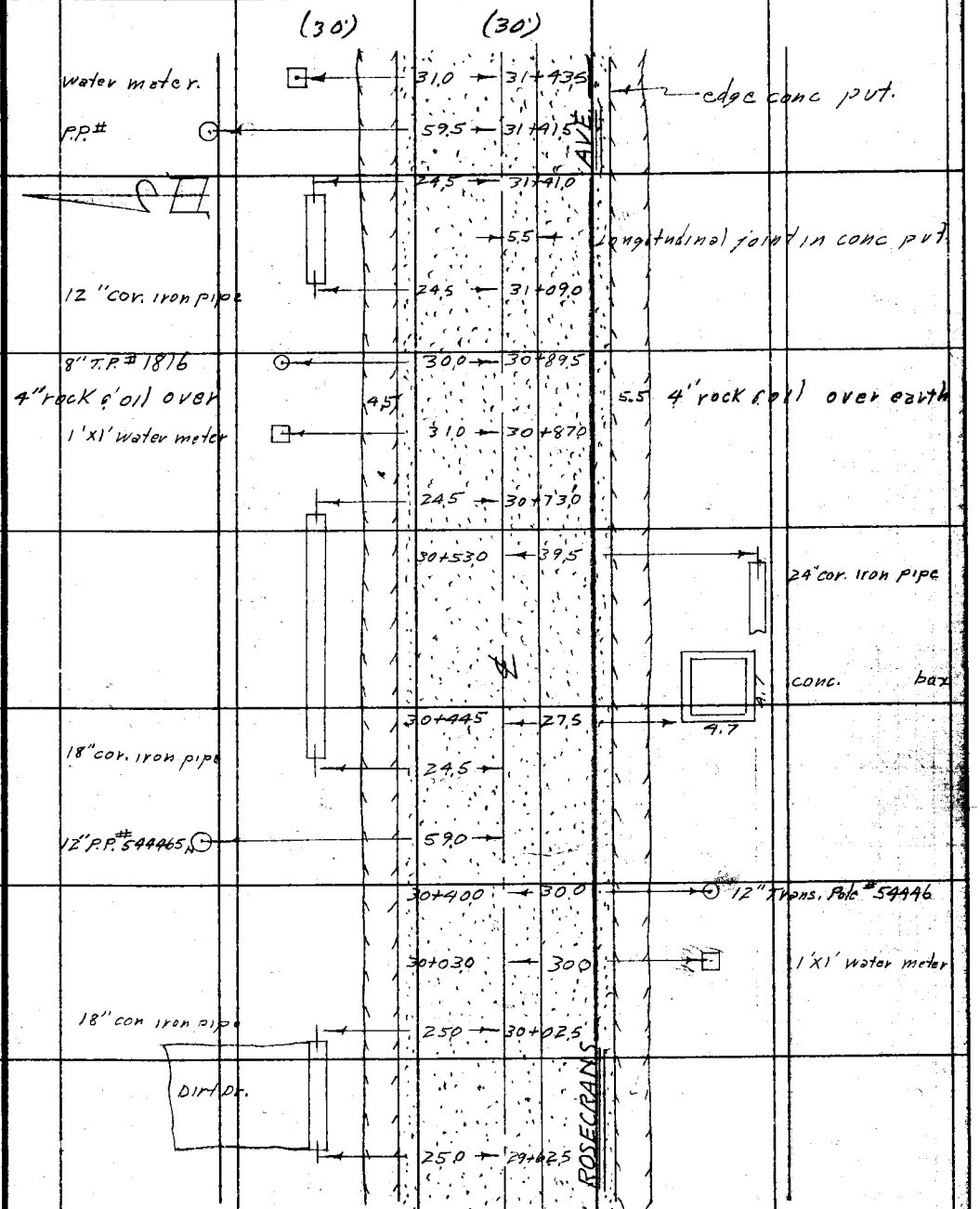
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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	Survey of ROSECRANS AVE. S.P.
Map No.	W. O. 622600 Tape No. P145 St'd. 68 °F
Office Work	Surveyed by VanDercen
Checked	Notes RICHARDS Date 11-8-54
Date	Indexed K. C. Johnson

F.B. 1969 PG. 69

TO BOT PG. 70



FR. TOP PG. 68

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

Do not extend notes this side of this line.

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

76F50GS 247 4-53

F.B. 1969 PG. 70

TO BOT PG. 71

(30') (30')

8" T.P. # 1811

30.0 → 39+90.5

39+85.5 → 39.0

11.0 Guy wire

39+77.0 → 21.5

P.P. # 900664-E

10" Dia. Guy wire

4.0

39+63.0 → 39.0

38+55.5 → 31.0

12" P.P. # 522004-H

8" T.P. # 1812

30.0 → 38+16.0

37+03.0 → 30.0

P.P. # 522005-H

37+00 → 6.0 → 15.0 → 15.0 → 7.0

36+82.0 → 30.0

Guy wire

8" T.P. # 1813

30.0 → 36+41.0

35+89.5 → 23.0

S.D. NO. 5 S.M.H.

35+33.5 → 30.0

12" P.P. # 544461-H

6.0 → 15.0 → 15.0 → 6.0 → 35+00

8" T.P. # 1814

30.0 → 34+65.0

24.5 → 33+98.5

AVE.

edge conc. pvt.

Two 12" steel pipes

24.5 → 33+72.5

33+70.0 → 30.0

12" P.P. # 544462-H

24.5 → 33+66.0

ROSECRANS

27" steel pipe

24.5 → 33+32.0

8" T.P. # 1815

30.0 → 32+84.0

3" rock & oil over earth → 4.5

32+04.5 → 29.5

12" trans. Pole # 544463-H

5.5 3" rock & oil over earth

25.0 → 31+93.0

longitudinal joint in conc. pvt.

24" steel pipe

25.0 → 31+71.5

31+54.0 → 23.0

S.D. NO. 5 S.M.H.

31+49.5 → 29.5

water h.h.

31+49.0 → 30.5

6" fire hydrant

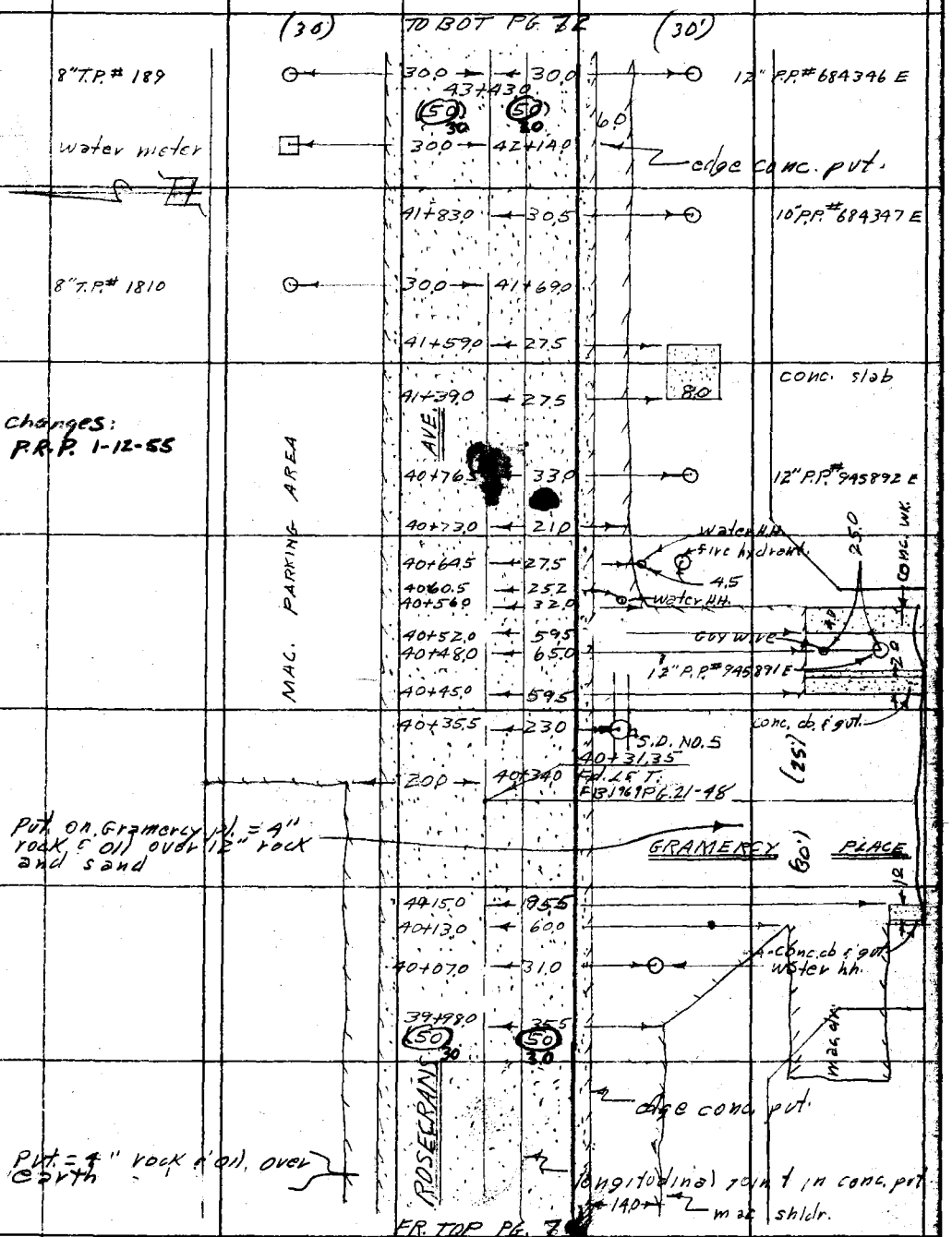
F.R. TO P. PG. 69

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	Survey of ROSECRANS AVE. S.D.
Map No.	W. O. 6226.00 Tape No. 0145 St'd. 68 °F
Office Work	Surveyed by Van Deren
Checked	Notes RICHARDS Date 11-8-54
Date	Indexed ~~H. C. Johnson~~

F. B. 1964 Pg. 11



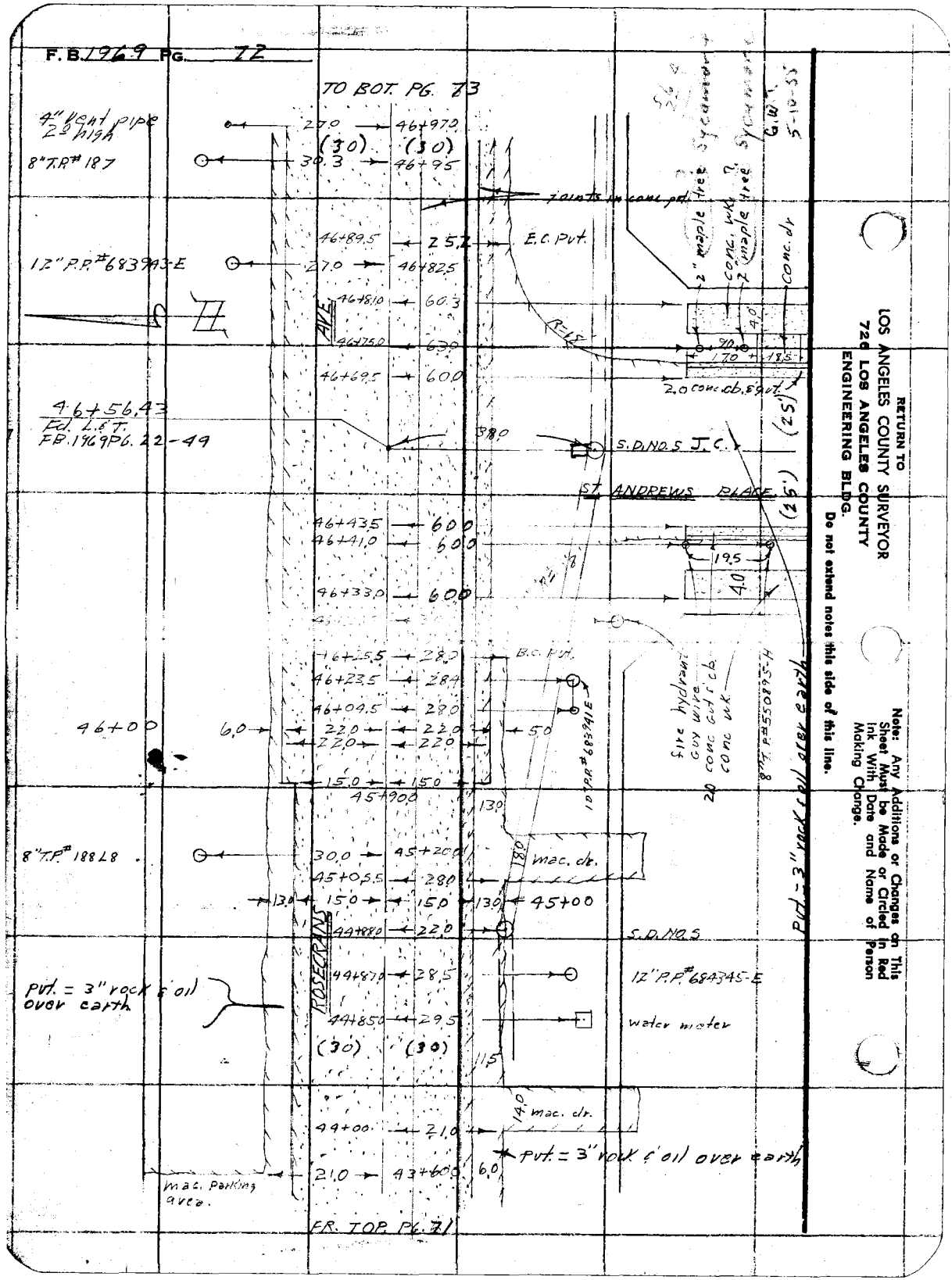
Note: Any Additions or Changes on This Sheet Must Be Made or Circled In Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54

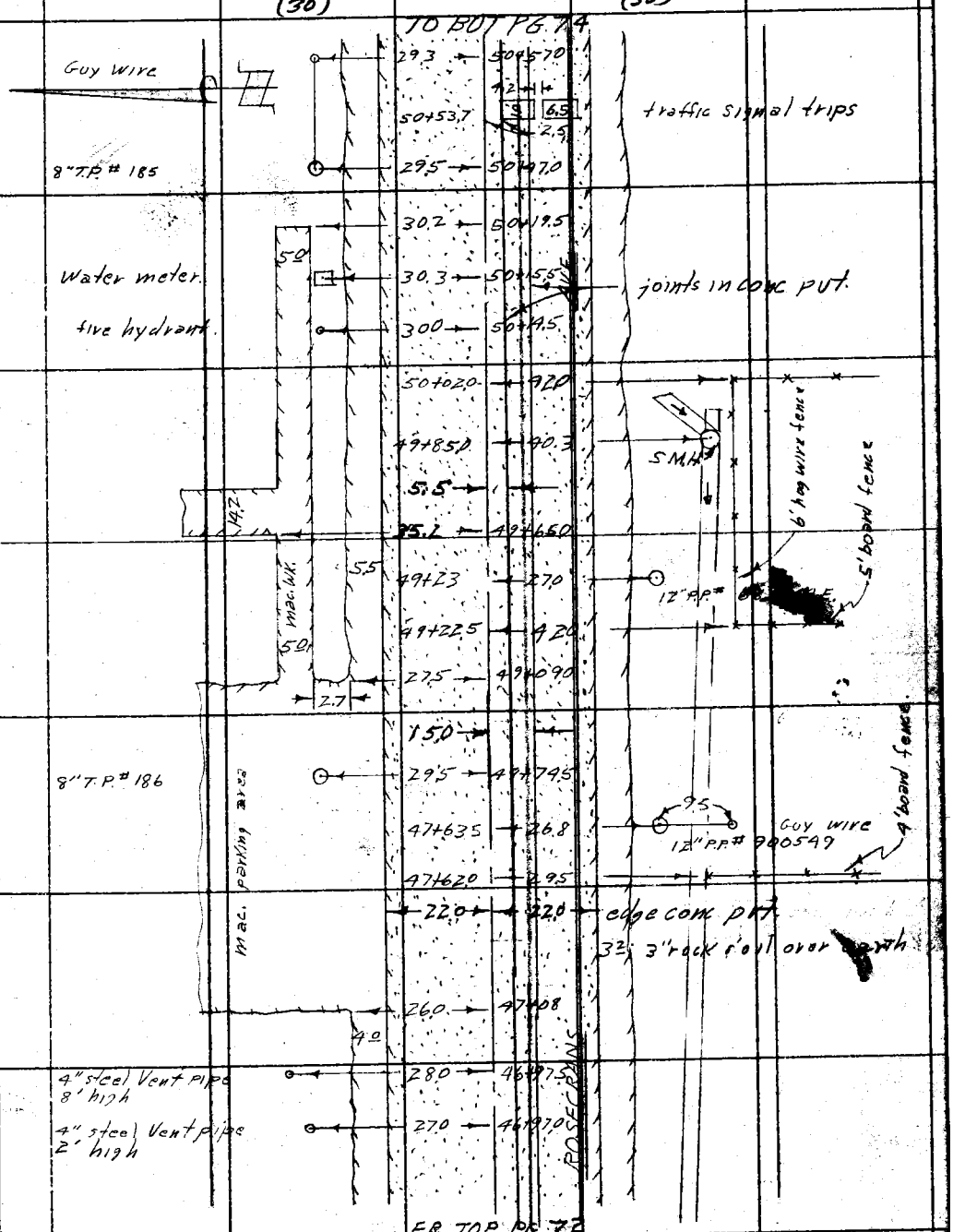
F.B. 1969 PG. 72



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	Survey of ROSECRANS AVE. S.D.	F.B. 1969 Pg. 73
Map No.	W. 6226.00 Tape No. 0145 St'd. 68 °F	
Office Work	Surveyed by Van Deren	
Checked	Notes RICHARDS Date 11-8-54	
Date	Indexed ~~E. O. Johnson~~	

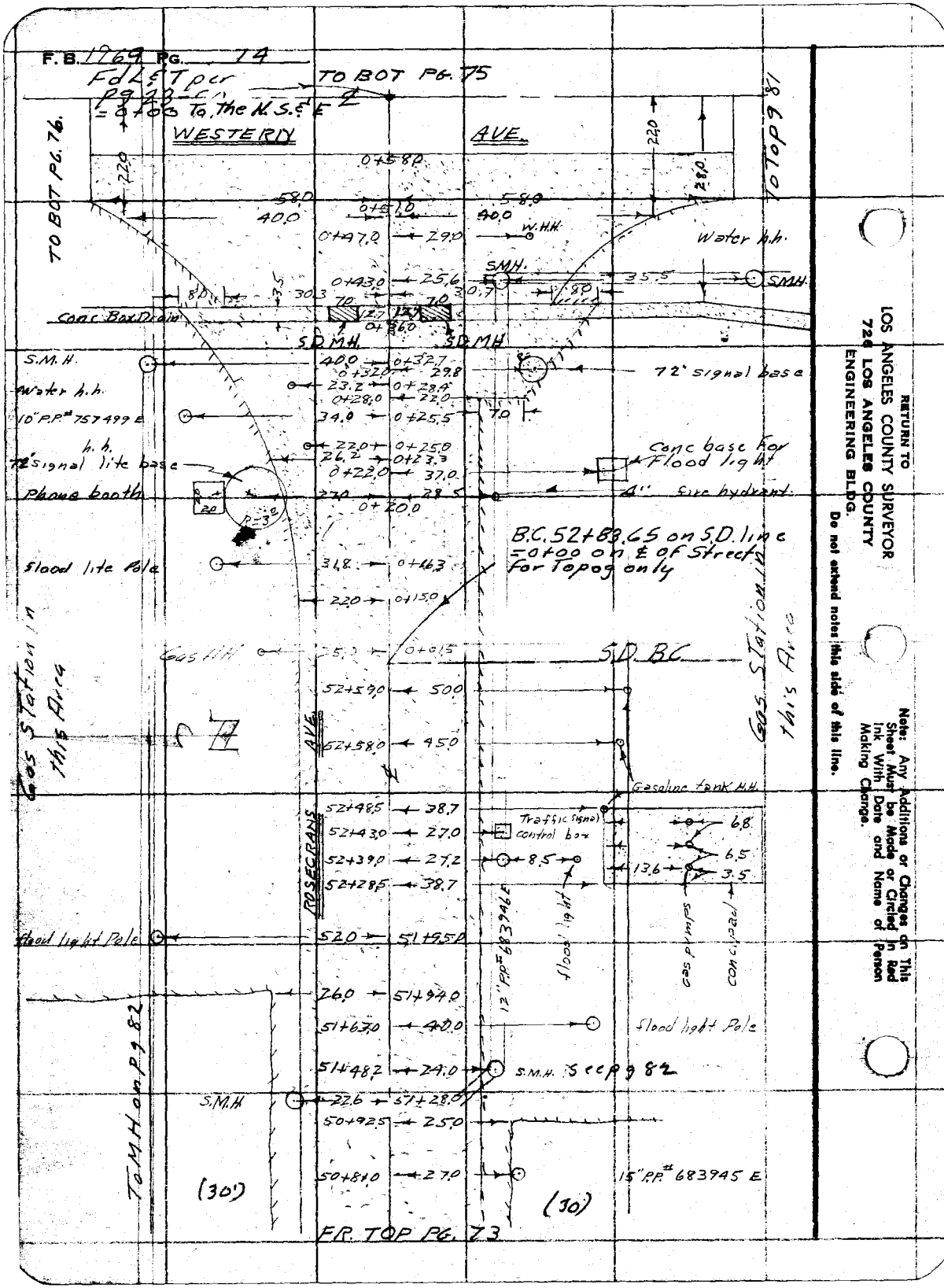


Notes: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

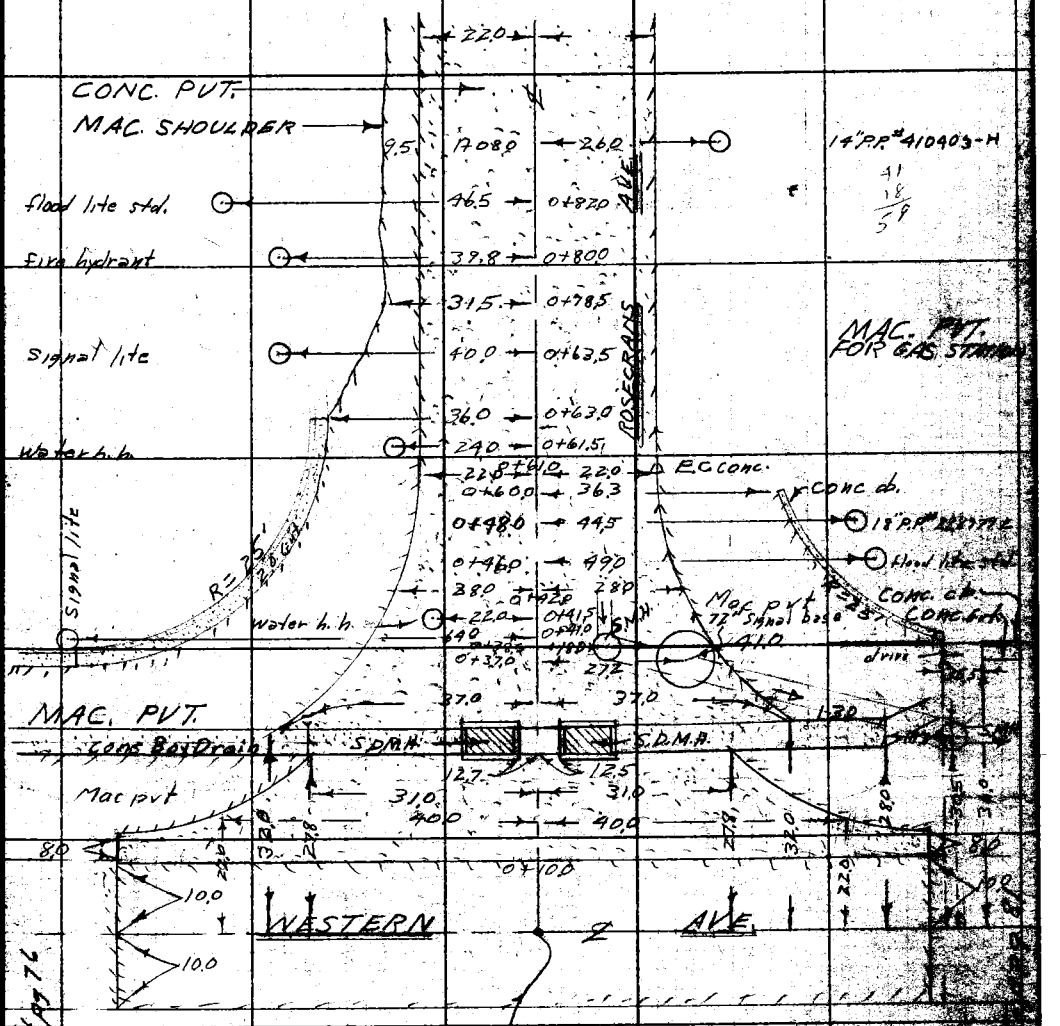
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76/8008 S&E #247. 8-54


F.B. 1969 PG. 74
TO BOT PG. 75
WESTERN AVE.
TO BOT PG. 76
TO Top 9 81
Water h.h.
SMH.
Conc Box Drain
S.D.M.H.
S.M.H.
72" signal base
Water h.h.
10" P.P.# 757499 E
h.h.
72" signal lite base
Phone booth
Conc base for Flood light
4" fire hydrant
B.C. 52+83.65 on S.D. line
=0+00 on ℄ of Street
for Topog only
Flood lite Pole
Gas Station in this Area
Gas HH
S.D. B.C.
ROSECRANS AVE.
Gasoline tank H.H.
Traffic signal control box
flood light
gas pumps
concipad
12" P.P.# 683946 E
flood light Pole
S.M.H. See pg 82
S.M.H.
15" P.P.# 683945 E
(30')
(30)
FR. TOP PG. 73
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	Survey of ROSECRANS AVE. S.D.
Map No.	W. O. 6226.02 Tape No. 945 St'd. 68° °F
Office Work	Surveyed by Van Deren
Checked	Notes RICHARDS Date 11-8-58
Date	Indexed ~~A. C. Johnson~~

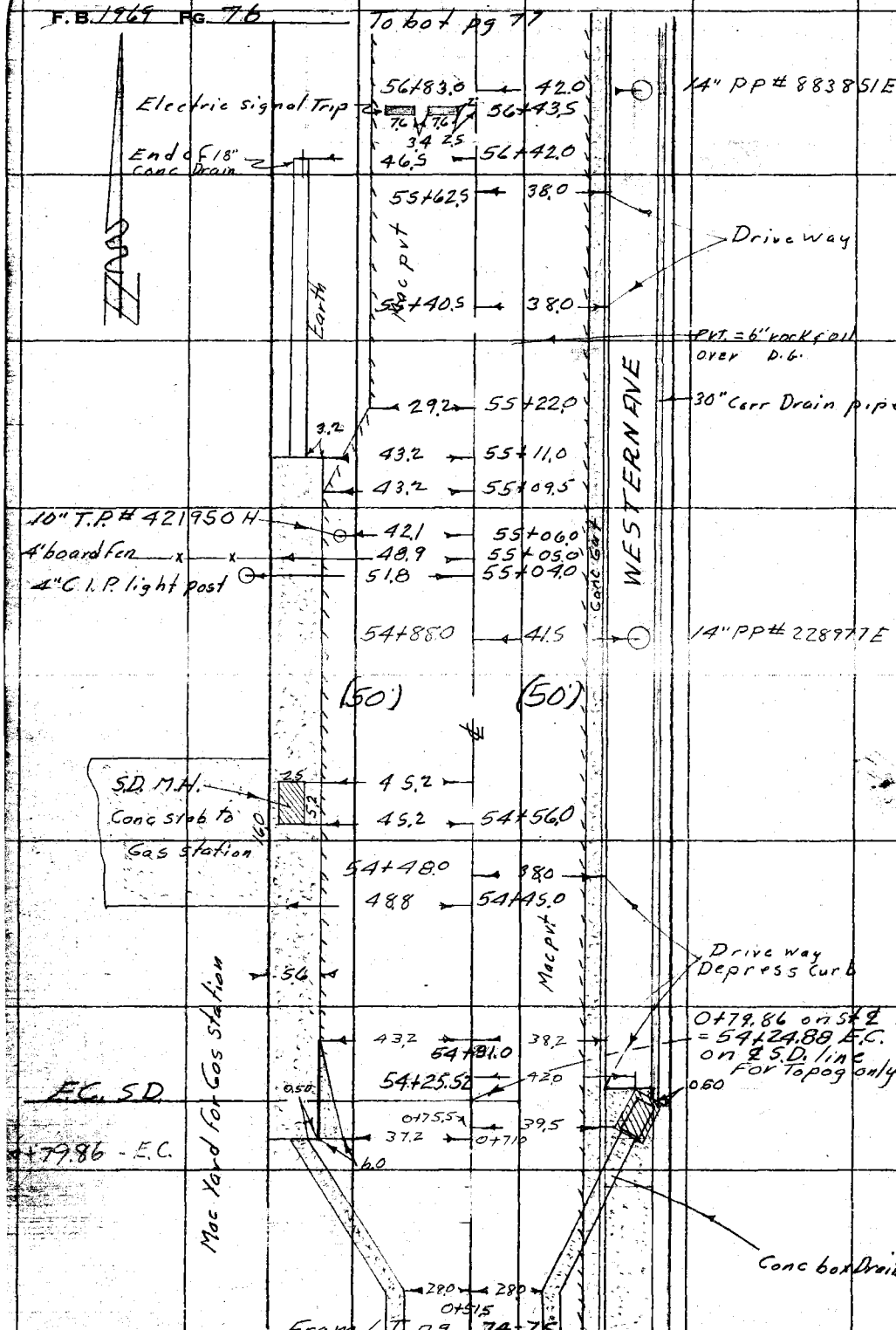
F.B. 1769 Pg. 75



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

Do not extend notes this side of this line.

COUNTY SURVEYOR
LOS ANGELES COUNTY
ENGINEERING BLDG.



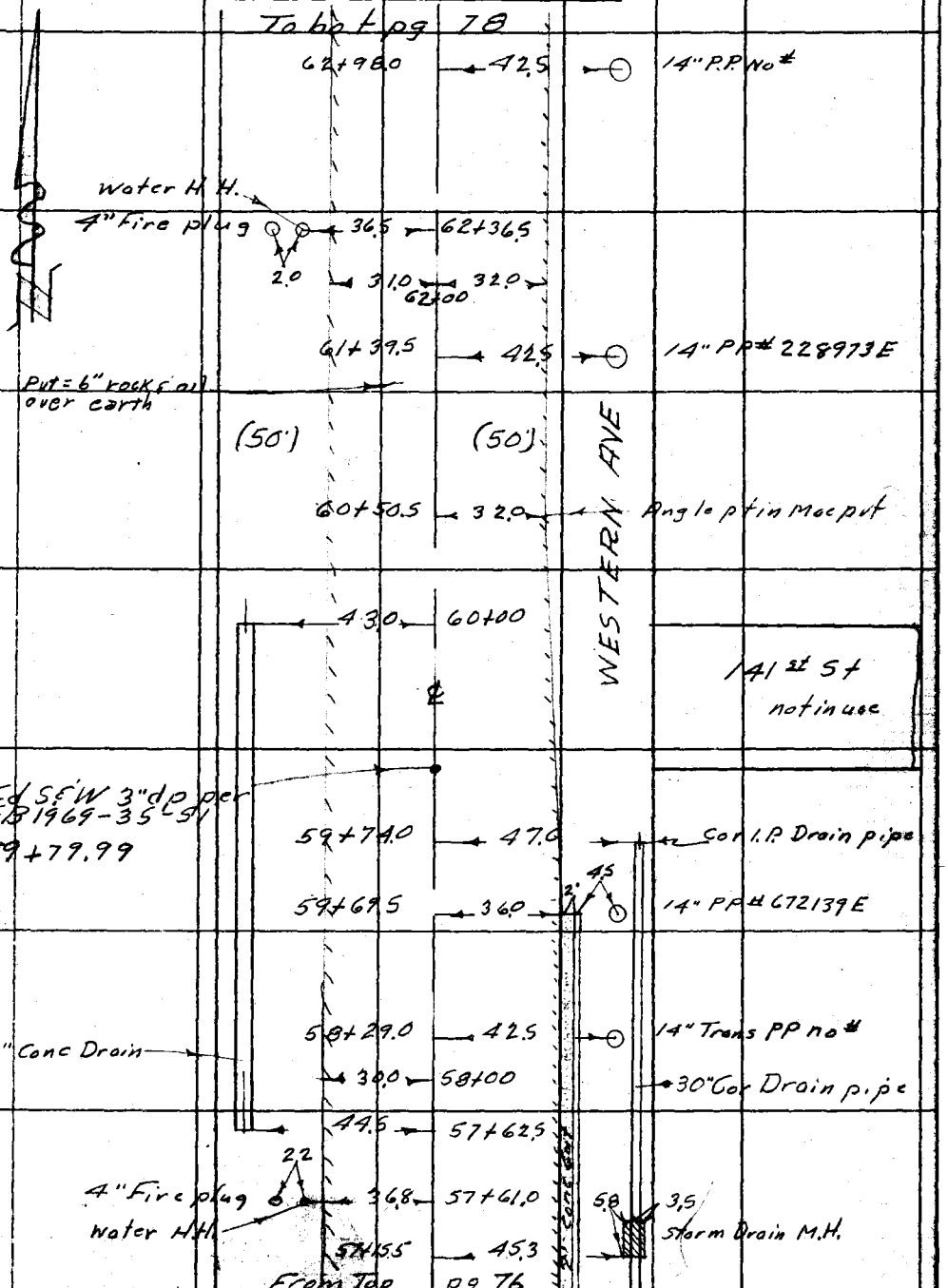
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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	Survey of Rosecrans Ave SD
Map No.	W. O. 6226.00 Tape No. 2145 St'd. 68 °F
Office Work	Surveyed by M.A. Van Deren
Checked	Notes Van Date 11-17-54
Date	Indexed J. C. Johnson

F.B. 1969 Pg. 77



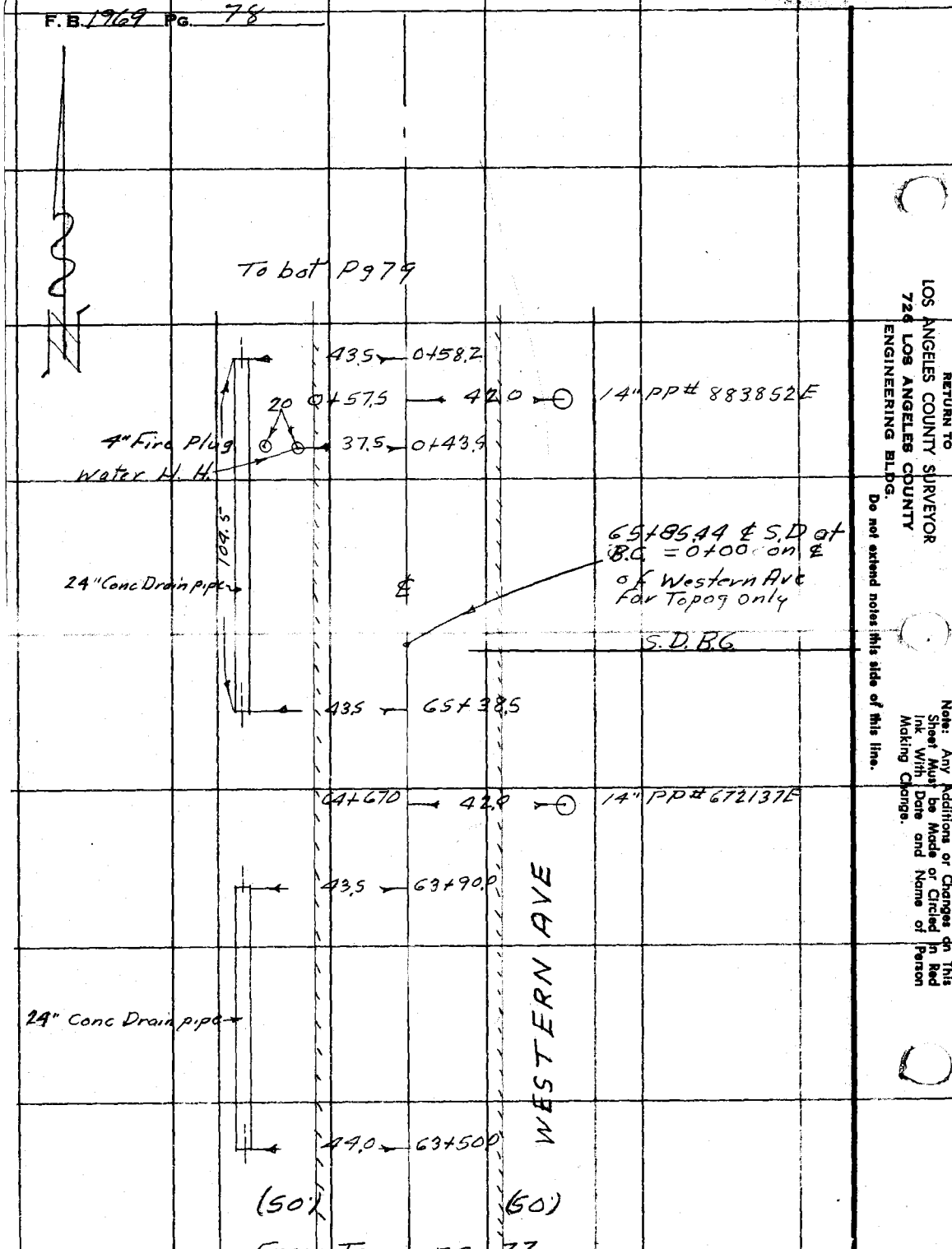
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54

F.B. 1969 PG. 78

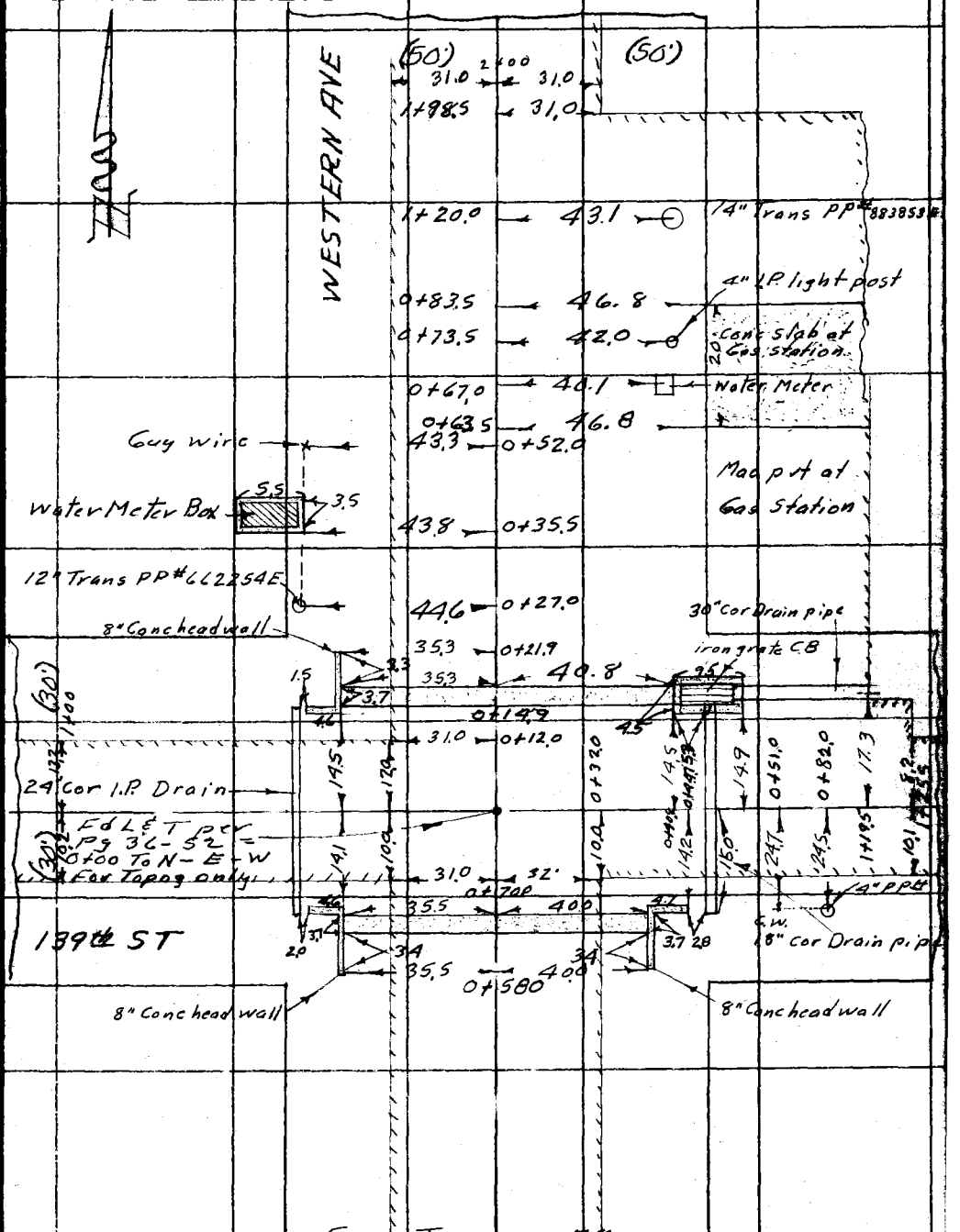


RETURN TO
LOS ANGELES COUNTY SURVEYOR
724 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Rosecrans Ave SD
Map No.	W. O. 6226-C Tape No. 2143 Std. 68 °F
Office Work	Surveyed by M. A. VanDeren
Checked	Notes Van Date 11-17-54
Date	Indexed J. C. Johnson

F. B. 1969 Pg. 79



From Top Pg 78

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 S&E #247. 8-54

F. B. 1969 PG. 80

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

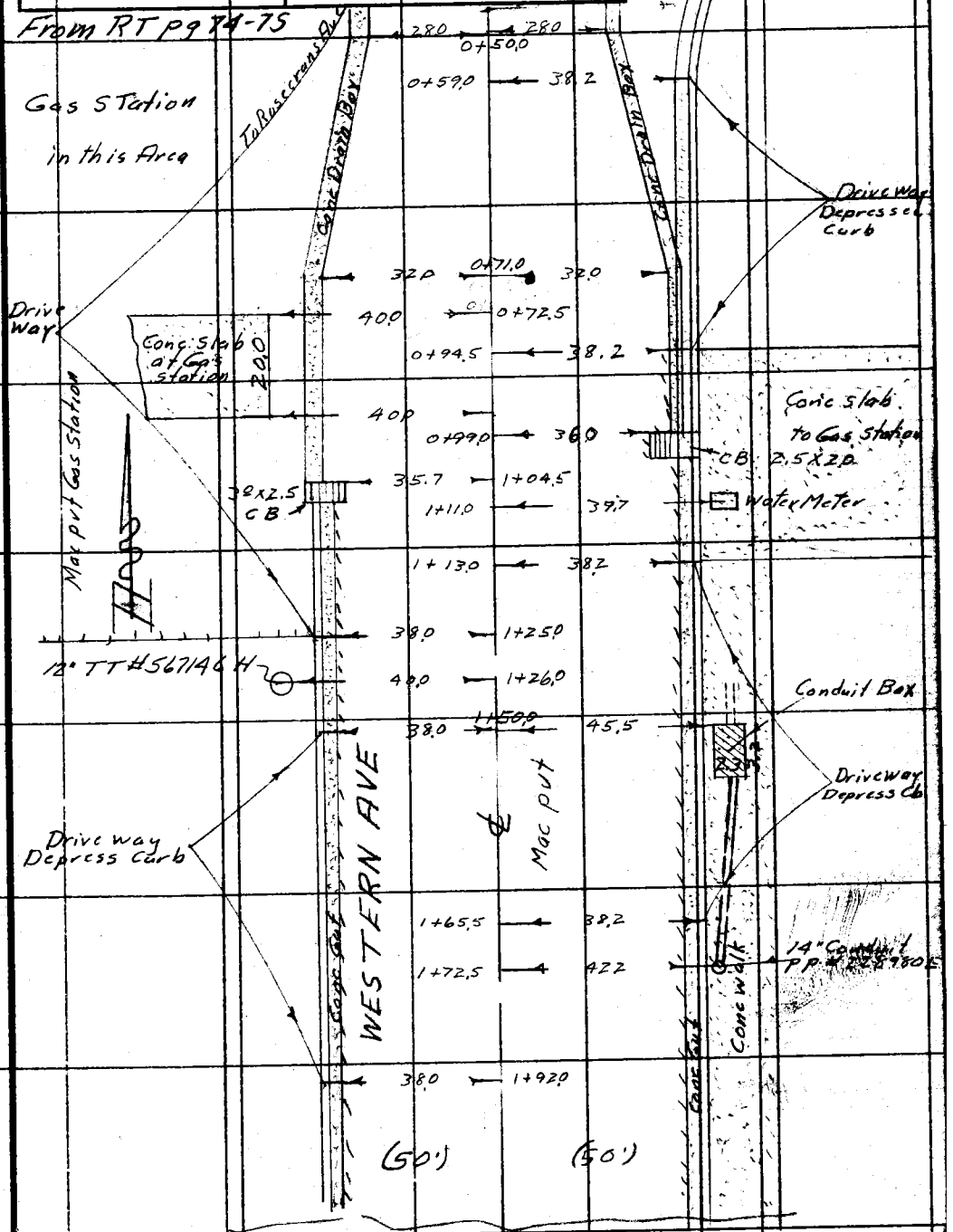
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

F.B. 1969 Pg. 81

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

Survey of Rosecrans Ave SD
W. 6226 Tape No. 0143 Std. 68 °F
Surveyed by M. A. Van Deren
Notes Van Date 11-18-54
Indexed A. C. Johnson



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

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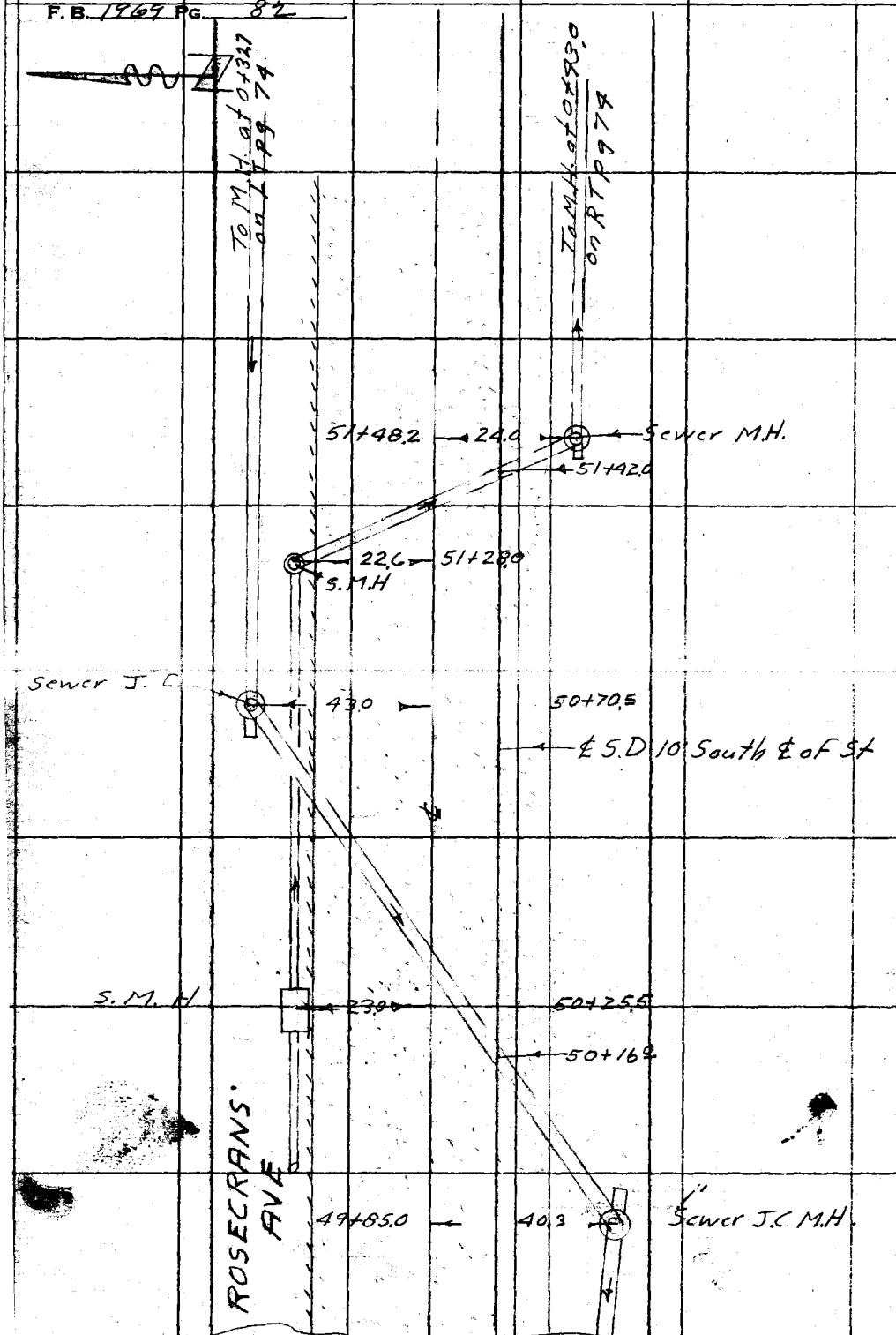
76F3099 S&E #247. 6-54

F.B. 1969 PG. 82



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Profile No.	Notes Red.	Plotted	Job No. 6226.00	Division No. 10	F. B. 969	Pg. 83
	Date	Date	Survey of Rosecrans Ave SD			
X-Sec. No.	Notes Chkd.	Checked	Survey by Van Deren	Notes Van	Date	
	Date	Date	Map No.	Indexed	Date	

JN 6226.00

CROSS SECTIONS ON ROSECRANS AVE S.D.

FROM

DOMINGUEZ CHANNEL TO 139th ST

Sections Taken From ℄ of S.D. line

Van Deren
Richards
Bazen
McCullough
Nunez

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

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North	℄ Rt & South
KE. 81	839	56 16		47.77	KE.81 Elev = 47.774 FB 1969-6	
					Rosecrans Ave & Wadkins Ave. S.E. Cor	
					Bt Spk in center of Conc headwall.	
					75'± East ℄ Wadkins Ave	
T. P.	312	56 42	286	53 30		
1+00			2000	36.42	℄ int. dominguez channel & S.D. line	
1+43.4			17.5	38.9		℄ bot channel
"			746	48.96		℄ & Top wall
1+51.5			70	49.4		℄ bot bk.
1+59.0			46	51.8		℄ Top bk.
"			54	51.0		30' bd.
"			68	49.6		60' bd.
1+62			4.8	51.6		℄ S.D.
"			1860	37.82	9.6 flow line 36" drain pipe	
1+95.5			54	51.0		℄ bd over drain pipe
2+00			55	50.9		℄ S.D.
"			67	49.7		30' bd
"			73	49.1		60' bd.
"			48	51.6	15.5 Top BK	
"			755	48.87	28.0 Bot BK & Top wall	
"			190	37.4	29.0 bot wall	

F. B. 1969 Pg. 84 Job No. 6226.00 Division No. 10 Notes Red. Plotted Profile
Survey of Rosecrans Ave SD Date Date No.
Survey by Van Deren Notes Van Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & North	℄ RT. & South
2+04		56 42	58	50.6		℄ S.D.
"			48	51 6		20' Top BK.
"			760	48.82		33' bot bK & Top Wall
"			1790	38.52		35' flow line drain pipe
2+50			62	50.2		℄ S.D. & bot bK.
"			77	48.7		30' Gd.
"			81	48.3		60' Gd.
"			211	54.31	40' Top cb.	
"			311	53.31	40.5 Gut	
3+00			4.6	51.8		℄ S.D.
"			74	49.0		21' bot. bK.
"			84	48.0		60' Gd.
"			3.1	53.3	12' Top bK	
"			340	53.02	22.5 edge Put.	
"			374	52.68	24' Gut	
"			314	53.28	48.5 ℄ Rosecrans ave.	
3+20			32	53.2		℄ S.D. over drain pipe & Top bK.
3+663			43	52.1		℄ S.D. over sewer line
3+720			483	51.59		℄ S.D. & edge Put.
3+90			5.33	51.09		℄ S.D. & Gut.
T.P.	385	54 72	555	50.87		

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 85
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes VER Date 11-16-54
No. ____ Date ____ Date ____ Map No. ____ Index Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & North	℄ Rt. & South
3+96.85		54.72	387	50.85		℄ SD. @ B.C.
"			393	50.79		4.8' Gut
"			354	51.18		7.5 edge Pvt.
"			30	51.7		13.5 Top bk.
"			4.0	50.7		37' Top bk.
"			60	48.7		43' bot bk.
"			6.1	48.6		60' Gd.
"			3.57	51.15	11.0 Pvt.	
"			3.40	51.32	18.5 "	
"			3.48	51.24	29.5 "	
"			3.70	51.02	41' edge Pvt.	
23.4 W. of E.C.			516	49.56		26.3 Gut out.
"			525	49.47		27.8 Gut in
"			465	50.07		28.0 W. end CR., S.W. cor.
4+75.16			5.33	49.39		℄ SD. & ℄ Wadkins ave. =0+00 To south.
					Lt & East.	℄ Rt & West.
0+05.5			532	49.40		℄ wadkins Ave
0+55.3			613	48.59		℄ " "
"			619	48.53		9' Pvt.
"			643	48.29		16.5 Gut out.

F. B. 1969 PG. 86
Job No. 6226.00 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave SD Date 11-16-54 Date No.
Survey by Van Deren Notes Van & Rich Notes Chkd. Checked X-Sec.
Indexed [illegible] Date Date Date No.
Profile

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & East	℄ Rt & West
0+55.3		54 72	654	48.18		18' Gut in
"			590	48.82		18' S. end C.R., S.W. cor.
"			581	48.91		22.5 east edge wk
"			577	48.95		26.5 West " "
"			637	48.35	9' Pvt.	
"			668	48.04	16.5 Gut out.	
"			681	47.91	18' Gut in	
"			616	48.56	18' S. end C.R., S.E. cor.	
"			607	48.65	22.5 West edge wk	
"			602	48.70	26.5 East " "	
0+65.3			635	48.37		℄
"			640	48.32		9' Pvt.
"			659	48.13		16.5 Gut out
"			677	47.95		18' " in
"			614	48.58		18' Top cb.
"			608	48.64		22.5 east edge wk
"			607	48.65		26.5 West " "
"			651	48.21	9' pvt.	
"			681	47.91	16.5 Gut out	
"			697	47.75	18' Gut in	
"			632	48.40	18' Top cb.	

Profile Notes Red. ____ Plotted ____ Job No. 6226.08 Division No. 10 F. B. 1969 Pg. 87
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes Van Eck Date 11-16-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & East	℄ Rt. & West
0+65.3		54 72	6.21	48.51	22.5 West edge WK.	
"			6.17	48.55	26.5 East " "	
					LT. & North	℄ Rt. & South
5+19.5			6.17	48.55		℄ S.D. Rosecrans Ave
"			6.22	48.50		5' edge conc put.
"			6.25	48.47		10' Put.
"			6.45	48.27		16.5' "
"			6.82	47.90		26.2 Gut out
"			6.91	47.81		28.2 " in
"			6.29	48.43		28.3 E. end C.R., S.E. cor.
"			6.6	48.1		40' Gd.
"			6.19	48.53	5' put.	
"			6.14	48.58	15' "	
"			6.24	48.48	25' edge conc put.	
5+28.0			6.33	48.39		℄ S.D.
			6.66	48.06		26' edge Put.
5+37.0			15.99	38.73		65' flow line 36" drain pipe
5+54.0			6.52	48.20		℄ S.D. opp. drain pipe
"			6.59	48.13		4.5 edge conc put.
"			6.56	48.16		12.5 edge Put.
"			6.97	47.75		29.8 Top conc. hdwt.

F. B. 1969 Pg. 88 Job No. 6226.04 Division No. 10 Notes Red. Plotted No. Date 11-16-54 Date X-Sec. No.
Survey of Rosecrans Ave SD Notes Chkd. Checked Date
Survey by Van Deren Notes Van E Rich Date
Indexed C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄ North	℄ RT ℄ South
5+54.0		54.72	13.17	41.55		29.8 flow line 42" drain pipe
5+59.0			6.62	48.10		℄ S.D.
"			6.87	47.85		20.8 Top conc hdwl
"			12.37	42.35		20.8 flow line drain
"			5.86	48.86	34' Top conc hdwl.	
"			10.36	44.36	34' flow line drain pipe.	
5+63.0			6.64	48.08		℄ S.D.
"			6.88	47.84		20.8 Top conc hdwl
			12.38	42.34		" flow line 30" drain
			5.85	48.87	34' Top conc hdwl	
			10.35	44.37	" flow line 30" drain pipe.	
T.P.	4.56	52.33	6.95	47.77		
6+00			4.39	47.94		℄ S.D.
"			4.42	47.91		5' edge conc pvt.
"			4.56	47.77		14.0 edge shldr.
"			4.5	47.8		16.5 Top BK.
"			10.1	42.2		29.5 bot ditch
"			4.2	48.1		40' Top BK ℄
"			4.38	47.95	5' pvt. (conc)	
"			4.42	47.91	10' ℄ st. "	
			4.39	47.94	15' pvt. "	

Profile, Notes Red. ____ Plotted ____ Job No. 6266 Division No. 10 F. B. 1969 Pg. 87
No. ____ Date ____ Date ____ Survey of Rosemead Hrs SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Dyck Notes Van Dyck Date 11-16-54
No. ____ Date ____ Date ____ Map No. ____ Checked C. Johnson Date ____

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F. B. 1969 Pg. 90 Job No. 226.00 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave SD Date 11-17-54 Date Profile No.
Survey by Van Deron Notes Van E Rich Notes Chkd. Checked X-Sec. No.
Indexed A. C. Johnson Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	LT. ℄ North	℄ RT ℄ South
6+00		52 33	440	47 93	20' PLT	
"			442	47 91	25' edge conc put.	
7+00			455	47 78		℄ S.D.
8+00			472	47 61		℄ S.D.
9+00			489	47 44		℄ S.D.
"			493	47 40		5' edge conc put.
"			512	47 21		11' edge shldr
"			58	46 5		16.5' Top BK.
"			112	41 1		29.5 Bot ditch
"			48	4[illegible]5		40' Top BK
"			482	47 51	5' conc. put	
"			483	47 50	10' ℄ Rosecrans ave	
"			483	47 50	15' conc put.	
"			486	47 47	20' " "	
"			488	47 45	25' edge conc put.	
T.P.	415	51 46	502	47 31		
10+00			411	47 35		℄ S.D.
11+00			430	47 16		℄ S.D.
12+00			434	47 12		℄ S.D.
"			439	47 07		5' edge conc put.
"			462	46 84		11' edge shldr.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North	℄ Rt & South
12+00		51 46	55	46.0		16.5 Top BK.
"			101	41.4		29.5 Bot. ditch
"			37	47.8		40' Top BK.
"			433	47.13	5' conc put.	
"			432	47.14	10' ℄ Rosecrans ave.	
"			434	47.12	15' conc put.	
"			436	47.10	20' " "	
"			442	47.04	25' edge conc. put	
13+00			455	46.91		℄ S.D.
T.P.	3.90	50 66	470	46.76 3.90		
14+00			388	46.78		℄ S.D.
15+00			395	46.71		℄ S.D.
"			398	46.68		5' edge conc put.
"			428	46.38		11' edge mac. shldr.
"			51	45.6		16.5 Top BK.
"			93	41.4		29.5 Bot. ditch
"			34	47.3		40' Top BK.
"			390	46.76	5' conc. Put	
"			390	46.76	10' ℄ Rosecrans ave.	
"			396	46.70	15' conc. Put	
"			401	46.65	20' " "	

Profile Notes Red. Plotted Job No. 6226.00 Division No. 10 F. B. 1968 Pg. 91
No. Date Date Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. Checked Survey by Van Deren Notes V&R Date 11-17-54
No. Date Date Map No. Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North	℄ Rt. & South
15+00		50 66	404	46.62	25' edge conc put.	
16+00			407	46.59		℄ S.D.
T.P.	407	50 36	437	46.29		
17+00			384	46.52		℄ S.D.
18+00			393	46.43		℄ S.D.
"			398	46.38		5' edge conc put.
"			420	46.16		11' edge mac
"			52	45.2		16.5' Top BK.
"			89	41.5		29.5 Bot. ditch
"			29	47.5		40' Top BK.
"			386	46.50	5' conc. put	
"			389	46.47	10' ℄ Rosecrans ave.	
"			388	46.48	15' conc put	
"			393	46.43	20' " "	
"			400	46.36	25' edge " "	
19+00			406	46.30		℄ S.D.
20+00			419	46.17		℄ S.D.
T.P.	378	49 78	436	46.00		
21+00			375	46.03		℄ S.D.
"			380	45.98		5' edge conc
"			411	45.67		11' edge mac

F. B. 1969 Pg. 92 Job No. 622600 Division No. 10 Notes Red. Plotted No.
Survey of Rosecrans Ave SD Date 11-17-54 Date X-Sec.
Survey by Van Deren Notes Van E Rich Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North. ℄	Rt. & South
21+00		49 78	47	45.1		16.5 Top BK
"			81	41.7		29.5 Bot ditch
"			31	46.7		40' Top BK
"			368	46.10	5' conc put.	
"			373	46.05	10' ℄ Rosecrans ave.	
"			371	46.07	15' conc put	
"			376	46.02	20' " "	
"			380	45.98	25' edge " "	
22+00			388	45.90		℄ S. D.
23+00			396	45.82		℄ S. D.
T. P.	[illegible]06	49 66	418	45.60		
24+00			400	45.66		℄ SD.
"			407	45.59		5' edge conc. put
"			410	45.56		11' " mac
"			500	44.66		16.5' Top BK.
"			77	42.0		29.5' Bot ditch
"			28	46.9		40' Top BK.
"			392	45.74	5' conc put.	
"			394	45.72	10' ℄ Rosecrans ave.	
"			391	45.75	15' conc put.	
"			395	45.71	20' edge " "	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6226.08 Division No. 10 F. B. 1969 Pg. 93
X-Sec. No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
Notes Chkd. ____ Checked ____ Survey by Van Deren Notes VER Date 11-17-54
Date ____ Date ____ Map No. ____ Date ____

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4530
490
50.20

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & North	℄ Rt. & South
24+00		49 66	4 01	45.65	25' edge conc. put.	
25+00			4 15	45.51		℄ SD.
25+09.5			4 14	45.52		℄ S.D.
"			4 22	45.44		5' edge. conc put.
"			4 35	45.31		11.5 edge mac.
25+12.5			7.95	41.71		29' flow line 24" pipe
"			8 03	41.63		31.5 " " " "
25+20			4 16	45.50		℄ SD.
"			4 22	45.44		5' edge conc
"			4 33	45.33		23' mac. & gut line
"			3 41	46.25		40' (mac)
26+00			4 22	45.44		℄ SD.
T.P.	5 06	50 20	4 52	45.14		
26+66.2			4 87	45.33		℄ SD.
"			4.93	45.27		5' edge conc put.
"			5.42	44.78		[illegible] Put.
"			5 52	44.68		30.5 Top surface c.b.
"			8 37	41.83		" bot. " "
26+70.5			4 87	45.33		℄ S.D. Opp. W. ℞ Van Ness Ave
"			4.93	45.27		5' edge conc put.
"			5 59	44.61		30.5 Gut line

F. B. 1969 Pg. 94 Job No. 6226.00 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave SD Date 11-17-54 Date No. X-Sec.
Survey by Van Deren Notes Van & Rich Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & North	℄ Rt. & South
26+70.5		5020	539	44.81		40'
"			469	45.51		53' w.edge conc. wk.
27+00			490	45.30		℄ S.D.
27+10.54			490	45.36		℄ S.D. & ℄ Van Ness Ave
					= 0+00 To South on ℄ Van Ness Ave.	
					Lt. & East st	℄ Rt. & West.
0+05			498	45.22		℄ edge conc. pvt.
0+30			525	44.95		℄ Pvt.
0+40			526	44.94		℄
"			528	44.92		14' Pvt.
"			547	44.73		28' Pvt.
"			552	44.6[illegible]		32' Gut.
"			538	44[illegible]		40'
"			526	44[illegible]4	14' Pvt.	
"			549	44.[illegible]1	28' Pvt.	
"			587	44.33	33' Gut	
"			48	45.4	40' PL	
0+53			526	44.94		℄ opp. end cb.
"			527	44.93		14' Pvt.
"			556	44.64		26' Gut out
"			570	44.50		28' Gut in

Profile Notes Red ____ Plotted ____ Job No. 6226.08 Division No. 10 F. B. 1969 Pg. 95
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes VER Date 11-17-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 307 8-53

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHROLED 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. & East.	℄ Rt. & West.
0+53		50 20	5 06	45.14		28' Top cb.
"			5 28	44.92	14' Put.	
"			5 53	44.67	26' Gut out.	
"			5 71	44.49	28' Gut in	
"			5 02	45.18	28' Top cb.	
0+63			5 21	44.99		℄
"			5 26	44.94		14' Put.
"			5 47	44.73		2[illegible] Gut out.
"			5 63	44.57		2[illegible] Gut in
"			5 01	45.19		2[illegible] Top Cb.
"			5 28	44.92	14' Put.	
"			5 47	44.73	26' Gut out	
"			5 63	44.57	28' Gut in	
"			4 99	45.21	28' Top cb.	
1+03			4 88	45.32		℄
"			4 95	45.25		[illegible] Put.
"			5 21	44.99		26' Gut out.
"			5 33	44.87		28' Gut in
"			4 73	45.47		28' Top cb.
"			4 95	45.25	14' Put.	
"			5 10	45.10	26' Gut out	

F. B. 1969 Pg. 96 Job No. 6226.00 Division No. 10 Notes Red. Plotted Date 11-17-54 Date No. X-Sec.
Survey of Rosecrans Ave SD Notes Chkd. Checked Date No.
Survey by Van Deren Notes Van & Rich Date
Indexed R. C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. ℄ East	℄ Rt. ℄ West.
1+03		50 20	5 29	44.91	28' Cut in	
"			4 66	45.54	28' Top cb.	
2+03			4 20	46.00		℄
"			4 28	45.92		14' Put.
"			4 41	45.79		26' Cut out
"			4 65	45.55		28' Cut in
"			5 30	44.90		28' Top cb.
"			4 28	45.92	14' Put.	
"			4 46	45.74	26' Cut out	
"			4 61	45.59	28' Cut in	
"			5 26	44.94	28' Top cb.	
T. P.	5 36	50.66	4 90	45.30		
					Lt. ℄ North	℄ S.D. Rt. ℄ South
27+50.5			5 34	45.32		℄ S.D.
"			5 40	45.26		5' edge conc put
"			6 6	44.1		30' Cut
"			5 3	45.4		40'
"			5 27	45.39	5' Put.	
"			5 29	45.37	10' ℄ Rosecrans ave.	
"			5 29	45.37	15' conc Put.	
"			5 33	45.33	20 " "	

Profile No. ____ Date ____ Notes Chkd. ____ Date ____
X-Sec. No. ____ Date ____ Checked ____ Date ____
Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10
Survey of Rosecrans Ave. SD
Survey by Paul Pierce Notes VER Date 11-17-54
Map No. ____ Checked Jerry Date ____
F. B. 1969 Pg. 97

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F. B. 1969 Pg. 98 Job No. 6226.00 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave S.D. Date 11-17-54 Date
Survey by Van Deren Notes Van & Rich Notes Chkd. Checked
Indexed R. C. Johnson Date Date Date
Profile No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North	& Rt. & South
27+50.5		50 66	537	45.29	25' edge conc put.	
27+52			856	42.10		30' flow line 24" pipe
"			870	41.96		32.5 " " "
28+00			530	45.36		& S.D.
"			535	45.31		5' edge conc put.
"			559	45.07		11.5 edge mac
"			63	44.4		24' Top BK.
"			86	42.1		30' Bot ditch
"			56	45.1		40' Top BK.
"			522	45.44	5' conc put.	
"			526	45.40	10' & Rosecrans ave.	
"			525	45.41	15' conc put.	
"			530	45.36	20' " "	
"			534	45.32	25' edge " "	
28+515			833	42.33		30' flow line 24" pipe
29+00			520	45.46		& S.D.
"			525	45.41		5' edge conc put.
"			530	45.36		11' edge mac.
"			55	45.2		13' Gut.
"			51	45.6		30' Gd.
"			46	46.1		40'

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & North	℄ Rt & South
29+00		50 66	5 12	45.54	5' conc. put.	
"			5 16	45.50	10' ℄ Rosecrans ave	
"			5 16	45.50	15' conc put.	
"			5 21	45.45	20' " "	
"			5 25	45.41	25' edge " "	
30+00			5 11	45.55		℄ S.D.
30+53			8 08	42.58		29.5 flow line 24" pipe
31+00			4 99	45.67		℄ S.D.
T.P.	4 56	50 26	4 96	45.70		
32+00			4 42	45.84 (4 56)		℄ S.D.
"			4 50	45.76		5' edge conc.
"			4 51	45.75		10.5 edge mac & Top BK.
"			74	42.9		30' Bot. ditch
"			56	44.7		40'
"			42	46.1		50' Top BK.
"			4 34	45.92	5' conc put.	
"			4 37	45.89	10' ℄ Rosecrans Ave.	
"			4 33	45.93	15' conc put.	
"			4 35	45.91	20' " "	
"			4 42	45.84	25' edge " "	
33+00			4 39	45.87		℄ S.D.

Profile Notes Red. ____ Plotted ____ Job No. 6[illegible] Division No. 10 F.B. 1969 PG. 99
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes V & B Date 11-17-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt & North	℄ Rt. & South
34+00		50 26	438	45.88		℄ S.D.
T. P.	419	50 03	442	45.84		
35+00			431	45.72		℄ S.D.
"			438	45.65		5' edge conc
"			448	45.55		11' edge mac. Tp. BK.
"			73	42.7		30' Bot ditch
"			51	44.9		40' Top BK
"			415	45.88	5' conc put.	
"			413	45.90	10' ℄ Rosecrans Ave.	
"			414	45.89	15' conc put.	
"			420	45.83	20' " "	
"			427	45.76	25' edge " "	
36+00			440	45.63		℄ S.D.
37+00			454	45.49		℄ S.D.
T. P.	436	49 66	473	45.30		
38+00			436	45.30		℄ S.D.
38+51			444	45.22		℄ S.D.
"			450	45.16		5' edge conc put.
"			454	45.1[illegible]		11' edge mac. Tp BK.
"			66	43.1		28' Bot ditch
"			44	45.3		40' Top BK

F. B. 1969 PG. 100 Job No. 6226.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of Rosecrans Ave SD Date 11-17-54 Date X-Sec.
Survey by Van Deren Notes Van & Rich Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt ℄ North	℄ Rt ℄ South
38+51		49.66	4.37	45.29	5' conc put.	
			4.37	45.29	10' ℄ Rosecrans Ave.	
			4.31	45.35	15' conc put	
			4.35	45.31	20 " "	
			4.37	45.29	25' edge " "	
39+00			4.53	45.13		℄ S.D.
39+51			4.61	45.05		℄ S.D.
"			4.66	45.00		5' edge conc. put.
"			4.71	44.95		11' edge mac.
"			5.0	44.7		20' Top BK
"			6.0	43.7		28' Bot BK
"			4.7	45.0		30' Top BK
"			4.3	45.4		40
"			4.55	45.11	5' conc put.	
"			4.54	45.12	10' ℄ Rosecrans Ave.	
"	P.R.P. 1220-55		4.49	45 49.17	15' conc put.	
"			4.55	45.11	20 " "	
"			4.60	45.06	25' edge " "	
40+01			4.60	45.06		℄ S.D. on W. Pl. Grangers Pl.
"			4.65	45.01		5' edge conc
"			4.95	44.71		11' put

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 12 F.B. 1969 Pg. 101
No. ____ Date ____ Date ____ Survey of Rosecrans Ave. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Dersen Notes K.E.R. Date 11-17-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & ~~East~~ North	℄ RT & South
40+01		49.66	546	44.20		25' Gut
"			45	45.2		40'
"			455	45.11	5' conc put	
"			451	45.15	10' ℄ Rosecrans Ave.	
"			450	45.16	15' conc put.	
"			456	45.10	20' " "	
"			463	45.03	25' edge " "	
40+31.35			458	45.08		℄ Int. S.D. & Gramercy Pl.
					= 0+00 To Southon ℄ Gramercy Pl.	
					LT & East	℄ RT & West
0+05			465	45.01		℄ & edge conc put.
0+25			538	44.28		℄ & Gut
0+40			460	45.06		℄ & Top BK.
0+49.5			440	45.26		℄ opp. end of cb.
"			452	45.14	8' Put.	
"			501	44.65	13.5 Gut out	
"			520	44.46	15.5 Gut in	
"			471	44.95	" Top cb.	
0+59.5			432	45.34		℄
			444	45.22	8' Put.	
			488	44.78	13.5 Gut out.	

F. B. 1969 Pg. 102 Job No. 6226.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of Rosecrans Ave SD Date 11-17-54 Date X-Sec.
Survey by Van Deren Notes VER Notes Chkd. Checked No.
Indexed R. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+59.5		49.66	514	44.52	15.5 Gut in.	
			469	44.97	15.5 Top cb.	
0+85.5			434	45.32		℄ opp cb.
"			475	44.91		8.6 Put.
"			523	44.43		16' Gut out
"			533	44.33		17' Gut in
"			470	44.96		17' Top Cb
"			441	45.25	7.6 Put.	
"			495	44.71	13.5 Gut out	
"			515	44.51	15.5 " in	
"			467	44.99	15.5 Top cb.	
0+95.5			441	45.25		℄
"			476	44.90		8.6 Put.
"			524	44.42		16' Gut out
"			536	44.30		17' Gut in
"			475	44.91		17' Top cb.
"			443	45.23	7.6 Put.	
"			491	44.75	13.5 Gut out	
"			517	44.49	15.5 " in	
"			465	45.01	" Top cb	
1+35.5			435	45.31		℄

Profile Notes Red. Plotted Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 103
No. Date Date Survey of Basecrans Ave SD
X-Sec. Notes Chkd. Checked Survey by Van Deren Notes V&R Date 11-17-56
No. Date Date Map No. Indexed Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & East	℄ Rt & West
1+35.5		49 66	472	44.94		8.6 Put.
"			521	44.45		16' Gut out
"			526	44.40		17' " in
"			466	45.00		17' Top cb
"			439	45.27	7.6 put	
"			483	44.83	13.5 Gut out	
"			514	44.52	15.5 Gut in	
"			465	45.01	15.5 Top cb.	
T.P.	566	50 60	472	[illegible]		
					Lt. & North	℄ S.D. Rt & South
40+61			554	45.06		℄ S.D.
"			563	44.97		5' edge conc.
"			583	44.77		11' Put.
"			63	44.3		16' Gut
"			56	45.0		25' Top BK
"			53	45.3		40'
"			547	45.13	5' conc put.	
"			543	45.17	10' ℄ Rosecrans ave.	
"			548	45.12	15' conc put.	
"			554	45.06	20' " "	
"			556	45.04	25' edge " "	

F. B. 1969 Pg. 104
Job No. 6226.00 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave SD Date 11-17-54 Date No. X-Sec.
Survey by Van Deren Notes Van Notes Chkd. Checked
Indexed A. 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.	Lt & North	℄ RT. & South
41+00		50 60	557	45.03		℄ S.D.
41+11			555	45.05		℄ S.D.
"			559	45.01		5' edge conc put.
"			561	44.99		11' edge mac.
"			60	44 6		14' Gut.
"			53	45.3		23' BK.
"			51	45.5		40'
"			549	45.11	5' conc put.	
"			546	45.14	10' ℄ Rosecrans Ave.	
"			545	45.15	15' conc put.	
"			549	45.11	20' " "	
"			554	45.06	25' edge " "	
42+00			536	45.24		℄ S.D.
42+11			532	45.28		℄ S.D.
"			541	45.19		5' edge conc put.
"			55	45.1		11' edge mac.
"			60	44.6		15' Gut.
"			49	45.7		40'
"			525	45.35	5' conc put	
"			524	45.36	10' ℄ rosecrans Ave	
			523	45.37	15' conc put.	

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 105
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by VanDeren Notes VER Date 11-17-54
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LT ℄	℄ Rt & South
42+11		50 60	527	45.33	20' conc put.	
"			530	45.30	25' edge " "	
43+00			516	45.44		℄ S.D.
T.P.	5 37	50 71	526	45.34		
44+00			515	45.56		℄ S.D.
45+00			495	45.76		℄ S.D.
"			500	45.71		5' edge conc.
"			551	45.20		18' edge mac
"			56	45.1		19' Gut.
"			4.3	46.4		40'
"			490	45.81	5' conc put	
"			493	45.78	10' ℄ Rosecrans ave.	
"			490	45.81	15' conc put.	
"			495	45.76	20' " "	
"			498	45.73	25' edge conc put.	
45+81.5			480	45.91		℄
"			485	45.86		5' edge conc. put.
"			492	45.79		18' edge put & Gut.
"			3.9	46.8		40'
"			477	45.94	5' conc put.	
"			477	45.94	10' ℄ Rosecrans ave	

F. B. 1969 PG. 106 Job No. 6226.00 Division No. 10 Notes Red. Plotted No. X-Sec.
Survey of Rosecrans Ave SD Date 11-17-54 Date
Survey by VanDeren Notes VER Notes Chkd. Checked
Indexed A. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North.	℄ Rt & South
45+81.5		50 71	476	45.95	15' conc put	
"			482	45.89	20' " "	
"			487	45.84	25' edge " "	
			478	45.93		℄ S.D.
45+90			482	45.89		5' conc put.
"			482	45.89		12' edge " "
"			494	45.77		18' edge mac & Gut.
"			38	46.9		40' PL
"			472	45.99	5' conc put.	
"			474	45.97	10' ℄ ROSECRANS ave.	
"			474	45.97	15' conc put.	
"			479	45.92	20' " "	
"			485	45.86	25' " "	
"			489	45.82	32' edge " "	
46+00			477	45.94		℄ [illegible]
46+31.5			471	46.00		℄ S.D. on W.PL S[illegible] CMS PL.
"			475	45.96		5' co[illegible]
"			480	45.91		12' edge "
"			494	45.77		18' Gut
"			38	46.9		40' PL
"			467	46.04	5' conc put.	

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 102
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes V&R Date 11-17-54
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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Do not extend notes this side [illegible] this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North	℄ Rt. & South
46+31.5		50 71	471	46.00	10' ℄ rosecrans ave.	
"			469	46.02	15' conc put.	
"			476	45.95	20' " "	
"			481	45.90	25' " "	
"			485	45.86	32' edge " "	
46+56 A3	= 0+00 To South on ℄ St. Andrews Pl.					
					Lt. & East.	℄ Rt. & [illegible]t.
0+00			468	46.03		℄
0+05			472	45.99		℄
0+12			476	45.95		℄
0+19			494	45.77		℄ X-G[illegible]
0+40			444	46.27		℄
0+50			422	46.49		℄ opp cb.
"			430	46.41		7.5 Put.
"			454	46.17		13' Gut out
"			474	45.97		15' " in
"			432	46.39		15' " Top cb.
"			431	46.40	7.5 Put	
"			464	46.07	13' Gut out	
"			475	45.96	15' Gut in	
"			428	46.43	15' Top cb.	

F. B. 1969 Pg. 108 Job No. 6226.00 Division No. 10 Notes Red. Plotted No. X-Sec.
Survey of Rosecrans Ave SD Date 11-17-54 Date
Survey by VanDeren Notes Van & Rich Notes Chkd. Checked
Indexed R. C. Johnson Date Date Date No.

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & East	℄ Rt. & West
0+60		50 71	420	46.51		℄
"			430	46.41		7.5 Pvt.
"			452	46.19		13' Gut out
"			473	45.98		15' Gut in
"			425	46.46		15' Top cb.
"			428	46.43	7.5 Pvt.	
"			454	46.17	13' Gut out	
"			471	46.00	15' Gut in	
"			424	46.47	15' Top cb	
1+00			414	46.57		℄
"			419	46.52		7.5 Pvt.
"			447	46.24		13' Gut out
"			466	46.05		15' Gut in
"			419	46.52		15' Top cb.
"			423	46.48	7.5 Pvt.	
"			450	46.21	13' Gut out	
"			469	46.02	15' Gut in	
"			417	46.54	15' Top cb	
T. P.	460	51 08	423	46.48	[illegible] K.E. #85 Elev. = 46.482, Rosecrans ave. & St Andrews Pl. SW. cor.	
					[illegible] in cb. 25' S. of N. end of cb.	
46+81.4			505	46.03		℄ S.D. on E. Pl. St Andrews Pl.

Profile Notes Red. ____ Platted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 109
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes V&R Date 11-17-54
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & North	& S.D. RT. & South.
46+81.4		51 08	508	46.00		5' conc. put.
"			510	45.98		12' edge " "
"			514	45.94		17' edge mac. & gut.
"			4.8	46.3		20' Top BK.
"			4.3	46.8		40' Gd.
"			4.99	46.09	5' conc put	
"			500	46.08	10' ℄ rosecrans ave	
"			498	46.10	15' conc put.	
"			501	46.07	20' " "	
"			506	46.02	25' " "	
"			511	45.97	32 edge conc put.	
47+00			500	46.08		℄ S.D.
47+31.4			493	46.15		℄ S.D.
"			499	46.09		5' conc put.
"			498	46.10		12' edge " "
"			497	46.11		16' edge mac & gut
"			4.5	46.6		20' Top BK.
"			3.7	47.4		40' Gd.
"			487	46.21	5' conc put.	
"			487	46.21	10' ℄ rosecrans ave.	
"			487	46.21	15' conc put.	

F. B. 1969 PG. 110 Job No. 6226.08 Division No. 10 Notes Red. Plotted Date 11-18-54 Date No. Profile
Survey of Rosecrans Ave SD Notes V & R Notes Chkd. Checked Date No. X-Sec.
Survey by Van Deren Date
Indexed E. C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North	℄ S.D.	Rt & South
47+31.4		51 08	495	46.13	20' conc put.		
"			500	46.08	25' " "		
"			502	46.06	32' edge " "		
48+00			475	46.33		℄ S.D.	
T.P.	526	51 55	479	46.29			
48+31.4			518	46.37		℄ S.D.	
"			522	46.33		5' conc put.	
"			528	46.27		12' edge " "	
"			547	46.08		16' edge Put & gut.	
"			47	46.8		40' Gd.	
"			513	46.42	5' conc put.		
"			515	46.40	10' ℄ rosecrans Ave.		
"			514	46.41	15' conc put.		P.G. 52+83.65
"			519	46.36	20' " "		32.00
"			522	46.33	25' " "		
"			532	46.23	32' edge " "		
49+00			510	46.45		℄ S.D.	
50+00			498	46.57		℄ S.D.	
51+00			481	46.74		℄ S.D.	
T.P.	538	52 13	480	46.75		T.P.	
51+51			533	46.80		℄ S.D.	

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 111
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes VER Date 11-18-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North	℄ Rt. & South
51+51		52 13	536	46.77		5' conc put.
"			545	46.68		12' edge conc put
"			546	46.67		17' Gut.
"			472	47.41		40' mac.
"			530	46.83	5' conc put.	
"			530	46.83	10' ℄ rosecrans ave.	
"			531	46.82	15' conc put.	
"			536	46.77	20' " "	
"			542	46.71	25' " "	
"			552	46.61	32' edge " "	
52+00			526	46.87		℄ S. D.
"			533	46.80		5' conc. put.
"			539	46.74		12' edge " "
"			544	46.69		17' Gut
"			510	47.03		40' mac.
"			521	46.92	5' conc put.	
"			522	46.91	10' ℄ rosecrans ave.	
"			527	46.86	15' conc put	
"			535	46.78	20' " "	
"			541	46.72	25' " "	
"			545	46.68	32' edge " "	

F. B. 1969 Pg. 112 Job No. 6226.08 Division No. 10 Notes Red. Plotted No.
Survey of Rosecrans Ave SD Date 11-18-54 Date X-Sec.
Survey by Van Deren Notes V & R Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. ℄ North	℄ S.D. Rt. ℄ South
52+51		52 13	5.19	46.94		℄ S.D.
"			5.22	46.91		5' conc. put.
"			5.29	46.84		12' edge " "
"			5.26	46.87		17' Cut line
"			4.90	47.23		40' mac.
"			5.17	46.96	5' conc put	
"			5.19	46.94	10' ℄ rosecrans ave.	
"			5.14	46.99	15' conc put.	
"			5.23	46.90	20' " "	
"			5.27	46.86	25' " "	
"			5.30	46.83	32' edge " "	
"			5.10	47.03	40' mac.	
"			4.76	47.37	60' "	
52+83.65			5.19	46.94		℄ S.D. @ B.C.
"			5.23	46.90		5' conc put.
"			5.25	46.88		12' edge " "
"			5.30	46.83		16' Cut line
"			4.96	47.17		40' mac.
"			5.16	46.97	5' conc put	
"			5.13	47.00	10' ℄ rosecrans ave.	
"			5.12	47.01	15' conc put.	

Profile Notes Red. _____ Plotted _____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 113
No. _____ Date _____ Date _____ Survey of Rosecrans Ave. SD
X-Sec. Notes Chkd. _____ Checked _____ Survey by Van Dersen Notes VER Date 11-18-54
No. _____ Date _____ Date _____ Map No. _____ Indexed Johnson Date _____

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F. B. 1964 Pg. 114 Job No. 6226.00 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave. S.D. Date 11-15-54 Date
Survey by Van Deren Notes Chkd. Checked
Indexed H. C. Johnson Notes VER Date Date

Profile No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. ℄ North	℄ S.D.	Rt. ℄ South
52+83.65		52 13	516	46.97	20' conc put.		
"			523	46.90	25' " "		
"			520	46.93	32' edge " "		
"			502	47 11	40' mac		
"			462	47.51	60' "		
52+83.65	@ B.C. on ℄ S.D.		= 9+00 on ℄ rosecrans ave. To ℄ western. ave.				
0+18.1			508	47 05		℄ rosecrans ave. opp. Pl.	
"			508	47.05		5' conc put	
"			511	47.02		10' " "	
"			519	46.94		15' " "	
"			520	46.93		22' edge conc. put.	
"			524	46.89		26' mac. ℄ gut line	
"			520	46.93		50' mac.	
"			509	47.04	5' conc. put.		
"			514	46.99	10' " "		
"			518	46.95	15' " "		
"			522	46 91	22' edge " "	℄ gut line	
"			460	47.53	50' mac.		
0+37.5			506	47.07		℄ over conc drain box.	
"			513	47.00		16' Top ctr. S.D.M.H.	
"			7.03	45.10		16' bot. " "	

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. ℄ North	℄ Rt. ℄ South
0+37.5		52 13	5 18	46 95	16º Top ctr. S.D.M.H.	
"			7 08	45 05	16º bot " " "	
0+58			5 03	47 10		℄ end conc. pvt.
0+68			5 00	47 13	℄ int. Western Ave. = 0+00 To East.	
0+10			5 00	47 13		℄ edge conc. pvt.
0+30			5 10	47 03		℄ on drain box
"			5 18	46 95		16' Top ctr. S.D.M.H.
"			7 08	45 05		16' bot " " "
"			5 20	46 93	16' Top ctr. S.D.M.H.	
"			7 10	45 03	16 bot " " "	
0+50			5 02	47 11		℄
"			5 09	47 04		10' conc pvt.
"			5 19	46 94		24.3 edge " "
"			5 06	47 07		38.5 bot cb.
"			4 85	47 28		38.5 Top "
"			4 70	47 43		50' mac.
"			5 13	47 00	10' conc. pvt.	
"			5 18	46 95	24' edge " "	
"			5 02	47 11	38.5 Cut out	
"			5 13	47 00	40.5 Cut in	
"			4 53	47 60	" Top cb	

Profile Notes Red. _____ Plotted _____ Job No. 1969 Division No. 16 F. B. 1969 Pg. 115
No. _____ Date _____ Date _____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. _____ Checked _____ Survey by Van Deren Notes Rich Date 11-18-54
No. _____ Date _____ Date _____ Map No. _____ Indexed Johnson Date _____

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F. B. 1969 Pg. 116 Job No. 6226.00 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave SD Date 11-18-59 Date No.
Survey by VanDeren Notes Rich Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.
Profile

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. ℄ North.	℄ Rt. ℄ South.
0+50		5213	44	4777	50' Gd.	
0+60			500	4713		℄ opp end of cb.
"			504	4709		10 conc. put.
"			518	4695		22.2 edge "
"			496	4717		36.3 Bot cb.
"			477	4736		" Top cb.
"			468	4745		50' mac.
0+63			500	4713		℄
"			510	4703	10' conc put.	
"			522	4691	22' edge " "	
"			495	4718	36' Gut out.	
"			504	4709	38' " in	
"			443	4770	" Top cb.	
"			46	4775	50' Gd.	
1+00			499	4714		℄
"			509	4704		10' conc. put.
"			519	4694		22' edge " "
"			522	4691		26' Gut line.
"			450	4763		50' mac.
"			509	4704	10' conc. put.	
"			522	4691	22' edge " "	

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. ℄ North	℄ Rt. ℄ South.
1+00		5213	551	4662	28' Cut ℄ edge mac.	
"			46	4755	41' Top bk.	
"			45	4776	50' Gd.	
1+50			505	4708		℄
"			514	4699		10' conc put.
"			521	4692		22' edge " "
"			534	4679		25' Cut line.
"			470	4743		50' mac.
"			520	4693	10' conc. put.	
"			525	4688	22' edge " "	
"			547	4666	28.5 " mac. & cut.	
"			44	477	40' Top bk.	
"			43	478	50' Gd.	
2+00			504	4709		℄
"			515	4698		10' conc. put.
"			529	4684		22' edge " "
"			539	4674		25' cut line.
"			417	4796		50' mac.
"			517	4696	10' conc. put	
"			528	4685	22' edge " "	
"			537	4676	29 " mac. & cut	

Profile Notes Red ____ Plotted ____ Job No. 226.00 Division No. 10 F. B. 1969 Pg. 117
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by VanDerlin Notes Rich Date 11-18-54
No. ____ Date ____ Date ____ Map No. ____ [redacted] Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North	℄ Rt. & South
2+00		52 13	51	47 0	42' Top BK.	
"			50	47 1	50' Gd.	
0+00 To South Fr. ℄ Rosecrans are on ℄ Western						
					Lt. & East	℄ Rt. & West.
0+00			500	47 13		℄ int.
0+30			482	47 31		℄
"			498	47 15		10' edge conc.
"			504	47 09		20' conc. pvt.
"			525	46 88		38' mac.
"			520	46 93		50' mac. PL
"			488	47 25	10' edge conc. pvt.	
"			508	47 05	20' conc. pvt.	
"			522	46 91	38' mac.	
"			514	46 99	50' mac. PL	
0+51			481	47 32		℄
"			490	47 23		10' conc. pvt.
"			497	47 16		20' mac.
"			523	46 90		30' ctr. drain box
"			533	46 80		38' mac
"			523	46 90		50' "
"			485	47 28	10' edge conc. pvt.	

F. B. 1969 Pg. 118 Job No. 6226.00 Division No. 10 Notes Red. Plotted Date No. Profile
Survey of Rosecrans Ave SD Date Notes Chkd. Checked Date X-Sec.
Survey by Van Deren Notes Rich Date
Indexed C. Johnson Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & East	℄ Rt. & West
0+51		52 13	506	47 07	20' mac.	
"			525	46 88	30' ctr. drain box	
"			513	47 00	40' Gut line.	
"			485	47 28	40' Top cb.	
"			472	47 41	50' PL mac.	
0+59			476	47 37		℄ opp. cb
"			486	47 27	10' pvt.	
"			505	47 08	20' "	
"			507	47 06	38' bot cb.	
"			484	47 29	382 Top. cb.	
"			473	47 40	50' PL	
0+71			472	47 41		℄
"			529	46 84		34' Top & Pt. drain box
"			522	46 91	34' Top & Pt of drain	
1+00			466	47 47		℄
"			479	47 34		10' Pvt.
"			501	47 12		20' "
"			528	46 85		30' "
"			549	46 64		38' Gut line
"			507	47 06		50' PL
"			472	47 41	10'	

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 119
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by VanDeren Notes Rich Date 11-18-54
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1.3

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & East	℄ Rt. & West
1+00		5213	496	4717	20'	
"			521	4692	30'	
"			550	4663	37' Top ctr. surface cb.	
"			680	4533	" bot. " " "	
"			553	4660	38' Gut.	
"			479	4734	" Top cb.	
"			448	4765	50' PL conc.	
1+05.5			464	4749		
"			553	4660		Top ctr. cb.
"			673	4540		bot. " "
1+50			453	4760		
"			459	4754		[illegible] pvt.
"			480	4733		[illegible] "
"			509	4704		30' "
"			533	4680		36' Gut out
"			552	4661		38' Gut in
"			489	4724		38' Top Cb.
"			465	4748		50' PL conc. wk.
"			455	4758	10' Pvt.	
"			481	4732	20' "	
"			506	4707	30' "	

F. B. 1969 PG. 170 Job No. 6226.00 Division No. 10 Notes Red. Plotted No.
Survey of Rosecrans Ave SD Date 11-18-54 Date X-Sec.
Survey by Van Deren Notes Rich Notes Chkd. Checked No.
Indexed R. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. ℄ East	℄ Rt. ℄ West
1+50		52.13	531	46 82	36' Gut. out	
"			544	46 69	38' Gut. in	
"			537	46 76	38' Top depressed cb.	
"			454	47 59	50' PL Back wk.	
1+52			798	44 15	47' Bot conduit box	
2+00			447	47 66		℄
			448	47 65		10' Pvt.
"			467	47 46		20' "
"			496	47 17		30' "
"			530	46 83		36' Gut out.
"			547	46 66		38' Gut in
"			482	47 31		38' Top cb.
"			46	475		50' PL Gd.
"			449	47 64	10' Pvt.	
"			466	47 47	20' "	
"			476	47 37	30' "	
"			527	46 86	36' Gut out	
"			542	46 71	38' Gut in	
"			531	46 82	38' Top depressed Cb.	
"			448	47 65	50' PL Back WK.	
T.P.	4 10	51 61	4 62	47 51	B.M.# K.E.86 Elev. = 47.508	

Profile Notes Red. Plotted Job No. 6226.00 Division No. 10 F. B. 1969 Page 121
No. Date Date Survey of Rosecrans Ave SD
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No. Date Date Map No. Indexed Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & West	℄ Rt. & East
0+00		51 61	448	47.13	℄ int. Western Ave.	& rosecrans ave.
0+30			431	47.30		℄ Western ave.
"			442	47.19	10' edge conc. pvt.	
"			458	47.03	20' Pvt.	
"			468	46.93	30' "	
"			448	47.13	50' PL mac.	
0+51.5			427	47.34		℄ opp & Pt In drain
"			452	47.09		30' ctr. drain box Top
"			480	46.81	30' ctr. drain box.	
0+60.8			425	47.36		℄ opp E.C.
"			440	47.21		10' Pvt.
"			451	47.10		20' "
"			451	47.10		30' "
"			450	[illegible].11		36' Gut out
"			468	[illegible].93		38' Gut in
"			403	[illegible].58		38' N.C.R., N.E. Cor.
"			38	47.8		50' PL Gd.
0+71.0			426	47.35		℄
"			430	47.31		10' Pvt.
"			444	47.17		20' "
"			440	47.21		30' "

F. B. 1969 Pg. 122
Survey of Rosecrans Ave SD
Survey by VanDerco Notes Rich
Indexed K. C. Johnson Date
Job No. 6226.00 Division No. 10 Notes Red. Date 11-18-59 Plotted Date
Notes Chkd. Date Checked Date
Profile No. X-Sec. No.

76L298 307 8-53

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2.8

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & West	℄ Mt. & East.
0+71.0		51 b1	457	47.04		36' Gut out
"			467	46.94		38' Gut in
"			4.05	47.56		38', Top cb.
"			39	47.7		50' PL
"			430	47.31	10' Pvt.	
"			456	47.05	20' "	
"			488	46.73	30' "	
"			497	46.64	325' Gut	
"			459	47.02	37.2 edge conc. pad.	
"			409	47.52	43.2 conc. pad.	
"			3.98	47.63	48.8, W. edge conc. pad.	
"			400	47.61	50' PL	
0+77			3.73	47.88		40.5 Top S.D.M.H.
"			6.53	45.08		" flow line S.D.
0+79.86	on st ℄ = 54+24.88 E.C. on ℄ S.D. line					
54+24.88			440	47.21		℄ S.D. @ E.C.
"			441	47.20		8' pvt.
"			455	47.06		14' Gut out
"			469	46.92		16' Gut in
"			406	47.55		16' Top cb.
"			38	47.8		28' PL Gd.

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 123
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes Rich Date 11-18-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & West.	℄ Bt. & East.
54+24.88		51 61	429	47.32	12' Put	
"			423	47.38	22' ℄ Western Ave.	
"			428	47.33	32' Put.	
"			451	47.10	42' Put.	
"			496	46.65	52' " & gut.	
"			389	47.72	72' PL	
54+58.5			432	47.29		℄ S.D.
"			442	47.19		8' Put.
"			457	47.04		14' Gut out.
"			475	46.86		16' Gut in
"			411	47.50		16' Top cb.
"			40	47.6		28' PL Gd.
"			420	47.41	12' Put.	
"			410	47.51	22' ℄ Western	
"			420	47.41	32' Put.	
"			444	47.17	42' Put.	
"			500	46.61	52' " & gut.	
"			401	47.60	68' Top ctr. S.D.M.H.	
"			6.61	45.00	" bot " " "	
"			3.94	47.67	72' PL (conc.)	
55+00			438	47.23		℄ S.D.

F. B. 1969 PG. 124
Job No. 622600 Division No. 10 Notes Red. Plotted No.
Survey of Basecrans Ave SD Date 11-18-54 Date X-Sec.
Survey by Van Deren Notes V & R Notes Chkd. Checked
Indexed R. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & West	℄ Rt. & East
55+11		51 61	441	47.20		℄ S. D.
"			454	47.07		8' Pvt.
"			470	46.91		14' gut out
"			483	46.78		16' gut in
"			423	47.38		16' Top cb.
"			42	47.4		28' PL Gd.
"			424	47.37	12' pvt.	
"			409	47.52	22' ℄ Western Ave.	
"			417	47.44	32' Pvt.	
"			453	47.08	42' "	
"			522	46.39	52' " & gut.	
"			406	47.55	65.2 E. edge conc. drain box.	
"			400	47.61	70.8 W. " " "	
56+00			446	47.15		℄ S. D.
"			461	47.00		8' Pvt
"			482	46.79		14' Gut out
"			496	46.65		16' Gut in
"			436	47.25		" Top cb
"			44	47.2		28' PL
"			425	47.36	12' Pvt.	
"			413	47.48	22' ℄ Western Ave.	

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 125
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes Rich Date 11-18-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & West	℄ Rt. & East
56+00		51 61	425	47 36	32' Pvt	
"			4.43	47 18	42' "	
"			520	46.41	52' gut & edge pvt.	
"			42	47.4	72' PL Gd.	
56+42			453	47.08		℄ S.D opp. end pipe
"			6.80	44.81	68.5' flow line drain pipe	
57+00			455	47.06		℄ S.D.
T.P.	507	51 82	486	46.15		
57+18.5			473	47.09		℄ S.D. opp. S.D.M.H.
"			447	47.35		25' Top S.D.M.H.
"			697	44.85		" flow line S.D.M.H.
57+62.5			488	46.93		℄ S.D.
"			740	44.42	66.5 flow line	" drain pipe
58+00			481	47.01		℄ S.D.
59+00			488	46.94		℄ S.D.
59+59.5			495	46.87		℄ S.D.
"			517	46.65		8' Pvt.
"			540	46.42		14' Gut out
"			559	46.23		16' Gut in
"			497	46.85		16' Top cb.
			52	46.6		28' PL

F. B. 1969 Pg. 126 Job No. 6226.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of Rosecrans Ave SD Date 11-18-54 Date X-Sec.
Survey by Van Deren Notes Rich Notes Chkd. Checked
Indexed R. C. Johnson Date Date No.

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P.R.P. 1-27-55

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & West.	℄ Rt. & East
59 (5)+69.5		51 82	496	46.86		℄ S.D.
"			522	46.60		8' Pvt.
"			544	46.38		14' Gut out
"			563	46.19		16' " in
"			501	46.81		16' Top cb
"			457	47.25	12' Pvt.	
"			450	47.32	22' ℄ Western	
"			458	47.24	32' Pvt.	
"			481	47.01	42' "	
"			541	46.41	52' edge pvt & gut.	
"			51	46.7	72' PL Gd	
K.E. 87	467	51 53	496	46 86	B.M. No. K.E. 87 Elev. = 46.861	
					Western Ave., E. side, 600' ± N. ℄ Rosecrans Ave.	
					Bt. SPK. in cb 15' S. of N. end of Cb.,	
					12' S P.P. # 672139 E	
59+74.0			466	46.87		℄ S.D.
"			779	43.74		47' flow line 30" drain pipe
59+79.99	℄ S.D. = 0+00 on ℄ 141st St. To East. Lt. & North					℄ Rt. & South
0+00			425	47.28		℄ 141st St.
0+12			429	47.24		℄ "
0+22			465	46.88		℄ "

Profile Notes Red. ____ Plotted ____ Job No. 1226.00 Division No. 10 F.B. 1969 Pg. 127
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by VanDeren Notes Rich Date 11-18-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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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
0+36		51 53	550	46.03		℄ edge pvt. BK.
0+47			75	44.0		℄ bot drain
0+58.2			68	44.7		℄
"			65	45.0		12' edge ditch
"			46	46.9		26' Top BK.
"			48	46.7		50' Gd.
"			57	45.8	20' Top BK.	
"			44	47.1	50' Gd.	
1+00			65	45.0		℄ 141st St.
"			73	44.2		7' ℄ ditch
"			66	44.9		15' S. edge ditch
"			45	47.0		26' Top bank
"			48	46.7		50' Gd.
"			5.7	45.8	10' Edge bank.	
"			6.4	45.1	25' Gd.	
"			67	44.8	50' "	
					Lt. & West	℄ S.D. Rt. & East
60+00			4.65	46.88		℄ S.D.
"			5.30	46.23		12' edge pvt.
"			70	44.5		22' Bot. ditch
"			59	45.6		35' Top Bank.

F. B. 1969 PG. 128 Job No. 6226.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of Rosecrans Ave SD Date 11-22-54 Date X-Sec.
Survey by Van Deren Notes Rich Notes Chkd. Checked No.
Indexed R. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & West	℄ Rt. & East.
60+00		51 53	61	45.4		50' Gd.
"			432	47.21	12' Put.	
"			428	47.25	22' ℄ Western Ave.	
"			430	47.23	32' Put.	
"			454	46.99	42' "	
"			517	46.36	51' edge Put.	
"			762	43.91	65' flow line 24" drain pipe	
"			53	46.2	72' PL	
60+50.5			463	46.90		℄ S.D. opp 4 Pt. in Put.
"			537	46.16		10' edge Put.
"			74	44.1		20' Bot. ditch
"			58	45.7		28' PL
"			40	47.5		38' Top bank
"			41	47.4		50' Gd.
61+00			4.66	46.87		℄ S.D.
62+00			4.81	46.72		℄ S.D.
T.P.	480	51 00	533	46.20		
63+00			433	46.67		℄ S.D.
"			508	45.92		10' edge Put.
"			67	44.3		20 bot. ditch.
"			54	45.6		28' PL

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 129
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by VanDeren Notes Rich Date 11-22-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & West	℄ Rt. & East.
63+00		51 00	38	47.2		50' Top bank.
"			40	47.0		70' Gd.
"			402	46.98	12' Pvt.	
"			392	47.08	22' ℄ Western Ave.	
"			395	47.05	32' Pvt.	
"			408	46.92	42' "	
"			496	46.04	53' edge Pvt.	
"			68	44.2	66' bot ditch	
"			55	45.5	72' PL	
"			40	47.0	78' Top BK	
63+50			736	43.64	44' flow line 24" drain pipe	
63+90			724	43.76	43.5 " " " "	
64+00			443	46.57		℄ S.D.
65+00			445	46.55		℄ S.D.
65+385			696	44.04	43.5 flow line 24" drain pipe.	
T.P.	562	51 68	494	46.06		
65+85.44	= B.C. S.D. = 0+00 on ℄ Western					
0+00			480	46.88		℄ Western Ave.
"			488	46.80		10' Pvt.
"			525	46.43		22' ℄ S.D. @ B.C.
"			602	45.66		32' edge Pvt.

F. B. 1969 Pg. 130 Job No. 6226.08 Division No. 10 Notes Red. Plotted No. Profile
Survey of Rosecrans Ave SD Date 11-22-54 Date X-Sec.
Survey by Van Deren Notes Rich Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

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7 9.87 0+80

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & West	℄ Rt. & East
0+00		51 68	74	44.3		43' bot. ditch
"			65	45.2		50' PL
"			56	46.1		60' Top bank
"			484	46.84	10' Put.	
"			509	46.59	20' "	
"			559	46.09	31' edge Put. & gut	
"			50	46.7	50' PL	
0+55			478	46.90		℄ opp PL
"			487	46.81		10' Put.
"			512	46.56		22' "
"			564	46.04		34.2 edge put.
"			73	44.4		46.5 bot. ditch
"			61	45.6		50' PL
"			65	45.2		60' Gd.
"			482	46.86	10' Put.	
"			508	46.60	20' "	
"			565	46.03	31' edge put. & gut.	
"			52	46.5	50' PL	
0+63.3			477	46.91		℄ over conc. drain
"			732	44.36		40' flow line drain
"			724	44.44	40' flow line drain	

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 131
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes Rich Date 11-22-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & West	℄ Rt. & East
0+79.87		51.68	476	46.92	℄ int. Western Ave. & W. 139th St. = 0+00 To N.	
0+16.8			475	46.93		℄ over drain
"			716	44.52		41.6 bot. c.b.
"			734	44.34	36.1 flow line drain	
0+25			478	46.90		℄ opp. PL.
"			486	46.82		10' Put.
"			508	46.60		22' Put.
"			530	46.38		30.5 Gut. line
"			483	46.85		50' PL mac.
"			481	46.87	10' Put.	
"			508	46.60	20' "	
"			561	46.07	31' edge put. & bk.	
"			70	44.7	39.3 bot. ditch	
"			52	46.5	46' Top bank.	
"			52	46.5	50' PL	
0+63.5			480	46.88		℄ opp. conc. slab.
"			418	47.50		46.8 " "
0+75			481	46.87		℄
"			489	46.79		10' Put.
"			524	46.44		22' "
"			552	46.16		30.5 Gut line

F. B. 1969 Pg. 132 Job No. 6226.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of Rosecrans Ave SD Date 11-22-54 Date X-Sec.
Survey by VanDeren Notes Rich Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & West.	℄ Rt. & East.
0+75		51 68	410	47.58		46.8 conc. slab.
"			407	47.61		50' PL · (conc)
"			484	46.84	10' Pvt.	
"			510	46.58	20' "	
"			591	45.77	31' edge pvt.	
"			70	44.7	40.5 bot. ditch	
"			53	46.4	50' PL Top BK.	
"			50	46.7	60' Gd.	
0+83.5			481	46.87		℄ opp. N. end conc. slab
"			407	47.61		68 " " "
1+25			481	46.87		℄
"			488	46.80		10' Pvt
"			531	46.37		22' "
"			560	46.08		30.5 Gut line
"			450	47.18		50' PL
"			489	46.79	10' Pvt.	
"			513	46.55	20' "	
"			589	45.79	31' edge Pvt.	
"			71	44.6	41' bot ditch	
"			50	46.7	50' PL & Top BK.	
"			49	46.8	60' Gd.	

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Date ____ Job No. 6226.00 Division No. 10 Survey of Rosecrans Ave SD F. B. 1969 Pg. 133

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey by Van Deren Notes Rich Date 11-22-54

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

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F. B. 1969 Pg. 134 Job No. 6226.00 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave S.D. Date 11-22-54 Date No. X-Sec.
Survey by Van Deren Notes Rick Notes Chkd. Checked
Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. ℄ West.	℄	Rt. ℄ East.
2+00		5168	480	46.88		℄	
2+25			478	46.90		℄	
"			485	46.83			10', pvt.
"			523	46.45			22' "
"			550	46.18			31' edge Pvt. & gut
"			49	46.8			50' Pl
"			484	46.84	10' Pvt.		
"			508	46.60	20' "		
"			580	45.88	31' edge Pvt.		
"			74	44.3	40' bot. ditch		
"			54	46.3	50' Pl & Top Bk.		
"			51	46.6	60' Gd.		
0+00 To East on ℄ 139th St.					Lt. & North.	℄	Rt. & South.
0+00			476	46.92		℄	Int. Western ave.
0+10			484	46.84		℄	Pvt.
0+22			505	46.63		℄	"
0+33.5			511	46.57		℄	" X-gut
0+47.5			507	46.61		℄	opp. drain pipe.
"			735	44.33			15' flow line 18" pipe
"			713	44.55	15.6 flow line 18" pipe		
0+50			508	46.60		℄	

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & North	℄ Rt. & South
0+50		51 68	538	46.38		10' edge put BK.
"			74	44.3		19.5 bot. ditch
"			64	45.3		30' PL
"			63	45.4		40' Gd.
"			523	46.45	7' put.	
"			530	46.38	11' Gut. line.	
"			470	46.98	30' PL (mac.)	
0+50.4			713	44.55	15.6 flow line 30" pipe	
1+00			524	46.44		℄
"			543	46.25		5' put.
"			585	45.83		10' edge put & BK.
"			75	44.2		20' bot. ditch
"			64	45.3		30' PL
"			59	45.8		40' Gd.
"			533	46.35	4' Put.	
"			548	46.20	8' "	
"			546	46.22	12' Gut. line	
"			476	46.92	30' PL	
1+19.5			539	46.29		℄ opp. pipe.
"			708	44.60	17.3 flow line 30"	drain pipe
1+50			548	46.20		℄

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F. B. 1969 Pg. 135
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes Rick Date 11-22-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & North	℄ Rt. & South
1+50		5168	560	46.08		5', Put.
"			592	45.76		10' edge Put. & BK.
"			73	44.4		21' bot. ditch
"			63	45.4		30' PL
"			61	45.6		40' Gd.
"			568	46.00	4' Put.	
"			585	45.83	8' edge put & BK.	
"			67	45.0	17' bot. ditch	
"			53	46.4	22.5 BK.	
"			49	46.8	30' PL	
2+00			552	46.16		℄
2+50			538	46.30		℄
"			548	46.20		5', Put.
"			579	45.89		10' edge Put. & BK.
"			80	43.7		21' bot. ditch
"			63	45.4		30' PL
"			61	45.6		40' Gd.
"			548	46.20	Put.	
"			571	45.97	8' edge put. & BK.	
"			70	44.7	17', bot. ditch	
"			54	46.3	30' Top BK. & PL	

F. B. 1969 Pg. 136 Job No. 6226.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of Rosecrans Ave SD Date 11-22-54 Date X-Sec.
Survey by VanDeven Notes Rich Notes Chkd. Checked
Indexed R. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & North	℄	RT. & South.
2+50		51 68	46	47.1	40' Gd.		
0+00 To West th. ℄ Western Ave.					LT. & South	℄	RT. & North.
0+10			479	46.89		℄	139th St. Put.
0+20			504	46.64		℄	
0+30			530	46.38		℄	x-gut.
0+41.5			521	46.47		℄	over x-drain
"			749	44.19			15' flow line 24" pipe
"			755	44.13	14.9 flow line 24" pipe.		
0+43.5			777	43.91	21.8 flow line 24" pipe		
0+50			519	46.49		℄	
"			521	46.47			65' Put
"			525	46.43			13' edge " & gut.
"			52	46.5			30' PL
"			518	46.50	5' Put.		
"			538	46.30	10.2 edge Put. & gut		
"			51	46.6	30' PL		
1+00			554	46.14		℄	
"			554	46.14			65 Put
"			570	45.98			13' edge Put.
"			59	45.8			165 gut
"			50	46.7			30' PL

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

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 6296-00 Division No. 10 Survey of Lasseens Ave. SD Survey by Van Deren Notes Rich Date 11-22-54 Map No. ____ Date ____

F. B. 1969 Pg. 137

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & South	℄ Rt. & North
1+00		51.68	567	46.01	5' put.	
"			598	45.70	10' edge put.	
"			62	45.5	13.5 gut.	
"			50	46.7	30' PL	
1+50			594	45.74		℄
"			591	45.77		6.5 Put.
"			6.03	45.65		13' edge Put.
"			63	45.4		15' gut
"			51	46.6		30' PL
"			6.08	45.60	5' Put.	
"			640	45.28	10' edge put.	
"			645	45.23	12' gut.	
"			51	46.6	30' PL	
2+00			622	45.46		℄
2+50			625	45.43		℄
"			627	45.41		6.5 Put.
"			638	45.30		13' edge Put
"			67	45.0		15' gut.
"			57	46.0		30' PL.
"			637	45.31	5' Put.	
"			658	45.10	10' edge Put.	

F. B. 1969 Pg. 138 Job No. 6226.00 Division No. 10 Notes Red. Plotted Date 11-22-54 Date No. Profile
Survey of Rosecrans Ave SD Notes Chkd. Checked Date No. X-Sec.
Survey by Van Deren Notes Rich Date
Indexed C. Johnson Date

76L298 307 8-53

5168
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STATION	B. S.	H. I.	F. S.	ELEV.	Lt. & South	Rt. & North
2+50		5168	72	44.5	12' gut.	
"			53	46.4	24.5 Top BK.	
"			50	46.7	30' PL	
B.M. K.E. 88			456	47.12	B.M. K.E. #88 Elev. = 47.124 Western Ave. & 139th St. S.W. cor. Bt. spk. in conc. headwall 4' N. of South end.	

Profile Notes Red. ____ Plotted ____ Job No. 6226.03 Division No. 70 F. B. 1969 Pg. 139
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SP
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes Rich Date 11-22-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

F. B. 1969 Pg. 140 Job No. 6226 Division No. 10 Notes Red. Plotted Profile

Survey of Rosecrans Ave SD Date 11-22-54 Date No.

Survey by VanDeren Notes Rich Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

761.298 307 8-53

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Profile No.	Notes Red.	Plotted	Job No. 6226.00	Division No. 10	F.B. 1969	PG. 141
	Date	Date	Survey of Rosecrans Ave SD			
X-Sec. No.	Notes Chkd.	Checked	Survey by VanDeren	Notes Van	Date 11-22-54	
	Date	Date	Map No.	Indexed J. C. Johnson	Date NOV 24 '54	

6226.00

INVERT ELEVATIONS OF PIPES IN M.H.

ON JOB

ROSECRANS AVE STORM DRAIN

11-23-54

VanDeren
Richards
Bozen
McCullough
Nuncz

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

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761.298 307 5-49

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
K. E. 81	9.82	57.59		47.77	BM K.E. 81 Elev = 47.774 FB 1969-6 Rosecrans Ave. & Wadkins Ave. S. E. Cor Bt spk in center of Conc headwall 75'± E. & Wadkins Ave	
Sewer J.G. at 2+72.5 & 21.5 left & North of ℄ S.D.					Rod 3.50 chain 21.00 Diam 1.00	Rod 3.50 chain 21.00 Diam 1.00
12" inlet West			25.50	32.09	25.50	Rod 3.50 chain 20.96 Diam 0.67
12" outlet East			25.50	32.09	25.50	
8" stub S.W			25.13	32.46		25.13
Sewer J.G. at 4+62.9 & 11.2 Right & South of ℄ S.D.					Rod 8.03 chain 16.73 Diam 1.00	Rod 8.03 chain 16.78 Diam 1.00
12" inlet West			25.76	31.83	25.76	Rod 8.03 chain 16.81 Diam 0.67
12" outlet East			25.81	31.78	25.81	
8" inlet South			25.51	32.08		25.51

F.B. 1969 PG. 142
Survey of Rosecrans Ave SD
Survey by Van Dercu Notes Van
Indexed J. C. Johnson Date
Job No. 6226.00 Division No. 10
Notes Red. Date 11-22-54
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
		57.59				
F.M.H. on ℄ Wadkins Ave 80.1 South of ℄ of S.D.						
					Rod 9.58 Chain 14.92 Diam 0.67	Rod Chain Diam
8" outlet N.			25.17	32.42	25.17	
could Not get inlet South Trap stuck in M.H.						
S.D.M.H. at 4+54.5 and 55.6 South of ℄ S.D. line						
					Rod 8.99 Chain 10.08	
Flow line in ℄ M.H.			19.07	38.52	19.07 Flow line	
K.E.80			3.86	53.73	BM K.E.80 Elev = 53.734 FB 1969-6 Rosecrans Ave & Crenshaw Blvd S.E. cor. Bt Spk in curb. 15' E. of E. end C.R.	
Sewer J.C. at Rosecrans Ave & Van Ness Ave 27+10.54 & 21' Rt & South ℄ St.						
K.E.83	5.78		51.08	45.30	B.M. K.E.83 Elev = 45.303 FB 1969-8 Rosecrans Ave & Van Ness Ave. S.E. cor. Bt Spk in Curb. 20' South of N. end curb	

Profile Notes Red. ____ Plotted ____ Job No. 6226.00 Division No. 10 F.B. 1969 PG. 143
No. ____ Date ____ Date ____ Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Van Deren Notes Van Date 11-22-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
		51.08				
					Rod 5.93 Chain 15.62 Diam 1.50	
18" inlet North			23.05	28.03	23.05	Rod 5.93 Chain 15.49 Diam 1.50
18" inlet East			22.92	28.16	22.92	Rod 5.93 Chain 15.65 Diam 1.00
12" inlet West			22.58	28.50		22.58 Rod 5.93 Chain 15.51 Diam [illegible]
24" outlet South			23.44	27.64		23.44
sewer		M.H. 343.1	N. ℄ of Rosecrans Ave ℄ 4.66 East ℄ Van Ness Ave			
					Rod 4.53 Chain 16.45 Diam 1.50	
18" outlet South			22.48	28.60	22.48	Rod 4.53 Chain 16.44 Diam 1.50
18" inlet North			22.47	28.61		22.47
T.P.	5.73	56.91	5.90	45.18		
			5.61	45.30	BM K E.83 Elev = 45.303 F.B. 1969-8 Rosecrans Ave ℄ Van Ness Ave. S. E. Cor Bt Spk in cur[illegible]uth of N. end	

F. B. 1969 Pg. 144 Job No. 6226.00 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave SD Date 11-22-54 Date
Survey by Van Deren Notes Van Notes Chkd. Checked
Indexed E. C. Johnson Date Date
Profile No. X-Sec. No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
K.E. 84	4.75	49.69		44.94	K.E. 84 Elev = 44.944 FB 1969-6 Rosecrans Ave. & Gramercy Pl S.E. Cor Bt Spk in curb. 20' South of N. end curb	
Sewer J.C. at Rosecrans Ave. & Gramercy PL. 40+35.5, & 23.0 S. ℄ of St						
					Rod 498 Chain 13.39 Diam 1.50	
18' inlet East			19.87	29.82	19.87 Rod 498 Chain 13.37 Diam 1.50	Rod 4.98 Chain 13.67 Diam 0.67
18" outlet West			19.85	29.84	19.85	Rod 4.98 Chain 13.60 Diam 0.67
8" stub. North			19.32	30.37		19.32
8" stub. South			19.25	30.44		19.25
T.P.	4.53	49.57	4.65	45.04	T.P.	
K.E. 84			4.63	44.94	B.M. K.E. 84 Elev = 44.944 FB 1969-6 Rosecrans Ave. & Gramercy PL S.E. Cor Bt Spk in curb. 20' South of N. end curb	

Profile Notes Red. Plotted Job No. 6226.00 Division No. 10 F.B. 1969 Pg. 145
No. Date Date Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. Checked Survey by Van Deren Notes Van Date 11-23-54
No. Date Date Map No. Indexed Date

F. B. 1969 Pg. 146 Job No. 62260 Division No. 10 Notes Red. Plotted Profile

Survey of Rosecrans Ave SD Date 11-23-54 Date No.

Survey by VanDerca Notes Van Notes Chkd. Checked X-Sec.

Indexed Date Date Date Date No.

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

761298 307 8/53

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STATION	B. S.	H. I.	F. S.	ELEV.			
K.E85	5.11	51.59		46.48	KE 85 Elev = 46.482 FB 1969-9		
					Rosecrans Ave & St Andrews Place S.W. cor		
					Bt Spk in curb. 25 South of North end of curb		
T.P.	4.91	51.40	5.10	46.49			
Sewer J.C. on Rosecrans Ave at 49+85.0 and 40.3 Rt. & South of ℄ St (see pg 82)							
					Rod 4.55 Chain 14.48 Diam 1.50	Rod 4.55 Chain 14.51 Diam 1.50	
18" inlet N.E			20.53	30.87	20.53		Rod 4.55 Chain 14.50 Diam 0.67
18" outlet W.			20.56	30.84		20.56	
8" stub. E.			19.72	31.68			19.72
Sewer M.H. on Rosecrans Ave at 50+25.5 and 23.0 Lt. & N. ℄ of St (see pg 82)							
					Rod 5.01 Chain 4.30 Diam 0.67	Rod 5.01 Chain 4.40 Diam 0.67	
8" inlet W.			9.98	41.42	9.98		
8" outlet E.			10.08	41.32		10.08	
Sewer J.C. on Rosecrans Ave at 50+70.5 and 43.0 Lt. & N. ℄ of St (see pg 82)							
					Rod 5.55 Chain 13.35 Diam 1.50	Rod 5.55 Chain 13.41 Diam 1.50	
18" inlet E.			20.40	31.00	20.40		
18" outlet S.W			20.46	30.94		20.46	

Profile Notes Red. Plotted Job No. 6226.00 Division No. 10 F.B. 1969 Pg. 147
No. Date Date Survey of Rosecrans Ave SD
X-Sec. Checked Survey by Van Deren Notes Van Date 11-23-54
No. Date Map No. Indexed Date

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STATION	B. S.	H. I.	F. S.	ELEV.			
		51.40			Rod 5.55 Chain 13.40 Diam 0.67		
8" stub W.			19.62	31.78	19.62		
Sewer M.H. on Rosecrans Ave at 51+28.0 and 22.6 North ℄ of St (see pg 82)							
					Rod 4.86 chain 4.78 Diam 0.67	Rod 486 chain 4.85 Diam 0.67	
8" inlet W			10 31	41.09	10.31		
8" outlet S.E.			10 38	41.02		10.38	
Sewer J.C. on Rosecrans Ave. at 51+48.2 and 24.0 Rt ℄ South of ℄ St (see pg 82)							
					Rod 4.72 chain 5.23 Diam 0.67	Rod 4.72 chain 5.25 Diam 0.67	
8" inlet N.W.			10.62	40.78	10.62		Rod 4.72 chain 5.20 Diam 0.67
8" outlet E	[redacted]		10.64	40.76		10.64	
8' stub W.			10 59	40.81			10.59
T. P.	4.90	52.23	4.07	47.33			
K.E. 86			4 72	47.51	K.E. 86 Elev = 47.508 F.B. 1969-10 Rosecrans Ave ℄ Western Ave N.E. cor Bt Spk in curb. 45' N. of N. end C.R		

F. B. 1969 Pg. 148 Job No. 6226.08 Division No. 10 Notes Red. Plotted
Survey of Rosecrans Ave S.D. Date 11-23-54 Date
Survey by Van Deren Notes Van Notes Chkd. Checked
Indexed E. C. Johnson Date Date
Profile No. X-Sec. No.

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STATION	B. S.	H. I.	F. S.	ELEV.			
K.E. 86	5 25	52.76		47.51	BMKE. 86 Elev = 47.508 FB1969-10		
					Rosecrans Ave, & Western Ave N.E. Cor		
					Bt Spk in curb. 45' N. of N. end C.R.		
S. J. C. at Rosecrans Ave, & Western Ave.					0+32.7, & 40.0 Lt. & N. ℄ of St		
	See FB1940-252				Rod 5.81		
					Chain 14.20		
					Diam 1.50	Rod 5.81	
18" inlet E.			21.51	31.25	21.51	Chain 14.25	
						Diam 1.50	Rod 5.81
18" outlet W			21.56	31.20		21.56	Chain 14.19
							Diam 1.00
12" stub. N.			21.00	31.76			21.00
S M.H. on Rosecrans Ave 322'					East ℄ Western Ave and & 7.5 E. ℄ Hobart Blvd		
	See FB 1940-254				Rod 6.86		
					Chain 12.92		
					Diam 1.50	Rod 6.86	
18" inlet E.			21.28	31.48	21.28	Chain 12.81	
						Diam 1.50	Rod 6.86
18" outlet W.			21.17	31.59		21.17	Chain 13.00
							Diam 0.67
8" stub. N			20.53	32.23			20.53
S. J. C. on Western Ave 0+43.0 and 25.6 Rt. & South ℄ of Rosecrans Ave							
					Rod 5.68		
					Chain 6.17		
					Diam 0.67	Rod 5.68	
8" outlet S			12.52	40.24	12.52	Chain 6.05	
						Diam 0.67	
8" inlet W.			12.40	40.36		12.40	

Profile Notes Red. Plotted Job No. 6226.08 Division No. 10 F. B. 1969 Pg. 149
No. Date Date Survey of Rosecrans Ave SD
X-Sec. Notes Chkd. Checked Survey by Van Deren Notes Van Date 11-23-54
No. Date Date Map No. Date

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F.B. 1969 Pg. 150 Job No. 62264 Division No. 10 Notes Red. Plotted Profile
Survey of Rosecrans Ave S.D. Date 11-23-54 Date No.
Survey by VanDeren Notes Van Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		52.76			Rod 5.68 chain 5.97 Diam 0.67	
8' stub N.			12.32	40.44	12.32	
S.M.H. on Western Ave 0+43.0 ℄ 61.1 Rt. ℄ South of ℄ Rosecrans Ave						
					Rod 5.70 chain 6.22 Diam 0.67	Rod 5.70 chain 6.29 Diam 0.67
8" inlet N.			12.59	40.17	12.59	
8" outlet S.			12.66	40.10		12.66
S.M.H. on E. side of Western Ave at 0+30.5 ℄ 64.3 Rt. ℄ South ℄ Rosecrans Ave						
					Rod 5.76 chain 6.02 Diam 0.67	Rod 5.76 chain 6.08 Diam 0.67
8" inlet N.			12.45	40.31	12.45	
8" outlet S.			12.51	40.25		12.51
S.M.H. on Rosecrans Ave East of Western Ave at 0+38.5 ℄ 180 Rt. ℄ South ℄ Rosecrans Ave						
					Rod 5.79 chain 5.91 Diam 0.67	Rod 5.79 chain 5.79 Diam 0.67
8" outlet S.			12.37	40.39	12.37	
8" inlet E.			12.25	40.51		12.25
T.P.	5.10	52.70	5.16	47.60		
K.E.86			5.19	47.51	KE86 Elev = 47.508 FB1969-10 Rosecrans Ave & Western Ave N.E. Cor B.T. Spk in curb 4.5' N. of N. end C.R.	

NOTES RED ____ JOB NO. 2366.14 SURVEY OF BONDS ST.
DATE ____ SURVEY BY L.L.B.
NOTES CHKD. ____ NOTES BY P.H. DATE 10-8-65
DATE ____ INDEXED C. J. GALLI DATE OCT 1 8 65

F.B. 1969 Pg. 151

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

Do not extend notes this side of this line

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

765420 S & E-353 9-55

DESCRIPTION

BONDS ST.
(LOMITA AREA)

C.I. 2366.14

BENCH-LEVELS

PARTY

BROWN L.
HARRINGTON P.
WALCH M.
MOODYMAN W.
FALSEY V.

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

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
FD. B.M. L.H. #7	37 414				37.414	B.M. L.H. 7 ELEV. 37.414 F.B. 1943-137
+	4 220		3 991			PACIFIC ST. & AVALON BLVD., S.W.
π	41 634	-1 530	-1 531	-1.529		COR., BT. SPK., N.E. COR. CONC. APRON
−	5 750		5 522			TO GAS STATION (ABANDONED)
T.P.	35 884				35.885	SPK.
+	6 749		6 919			
π	42 633	+3 461	+3 462	+3.463		
−	3 288		3 457			
T.P.	39 345				39.348	SPK.
+	6 979		7 192			
π	46 324	+2 756	+2 754	+2.757		
SET −	4 223		4 438			B.M. EX 40
~~T.B.M.~~ EX 40	42 101				42.105	~~T.B.M.~~ ELEV. F.B.
+	2 970		3 111			AVALON BLVD. & BONDS ST., S.W.
π	45 071	-0 830	-0 832	-0.828		COR., BT. SPK. IN N. SIDE OF CONC.
FD. −	3 800		3 943			BASE TO R.R. "WIG WAG SIGNAL".
B.M. E.X. #2	41 271				41.277	36' W. ℄ AVALON & 65' S. ℄ BONDS
+	4 355		4 489			
π	45 626	-1 274	-1 272	-1.273		B.M. E.X. #2 ELEV. 41.516 F.B. 1943-138
−	5 629		5 761			AVALON BLVD. & BONDS ST., S.E.
T.P.	39 997				40.004	COR., BT. SPK. IN Cb. 40' ± N. OF
+	4 400		4 569			R.R. TRACK N. END OF CULVERT
π	44 397	-0 692	-0 690	-0.690		NOTE: "THIS Cb. IS BROKEN"
−	5 092		5 259			
B.M. E.X. #3	39 305				39.314	B.M. E.X. #3 ELEV. 39.314 F.B. 1943-138
						BROAD ST. (W. SIDE) 65' ± S. OF
						BOND ST., BT. SPK. IN CONC. PUM'T.
						1' E. OF W. EDGE

No G.B. not used

JOB NO. 2366.14 SURVEY OF BONDS ST.
SURVEY BY L.L.B.
NOTES BY P.H. DATE 10-8-65
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHK'D M. ASHLEY DATE 10-15-65

F.B. 1969 PG. 152

Notes Ck'd by	Survey of BONDS ST. S.S.
Map No.	JN 2366.14 Tape 0176 Std 68 °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 10-8-65
Date	Indexed C. J. GALL

F. B. 1968 Pg. 153

BONDS STREET

LOMITA AREA

C.I. 2366.14

CENTERLINE SURVEY

PARTY

BROWN, L.L.
HARRINGTON, P.
WALSH, M.
FALSEY, J.
MOODYHAN, W.

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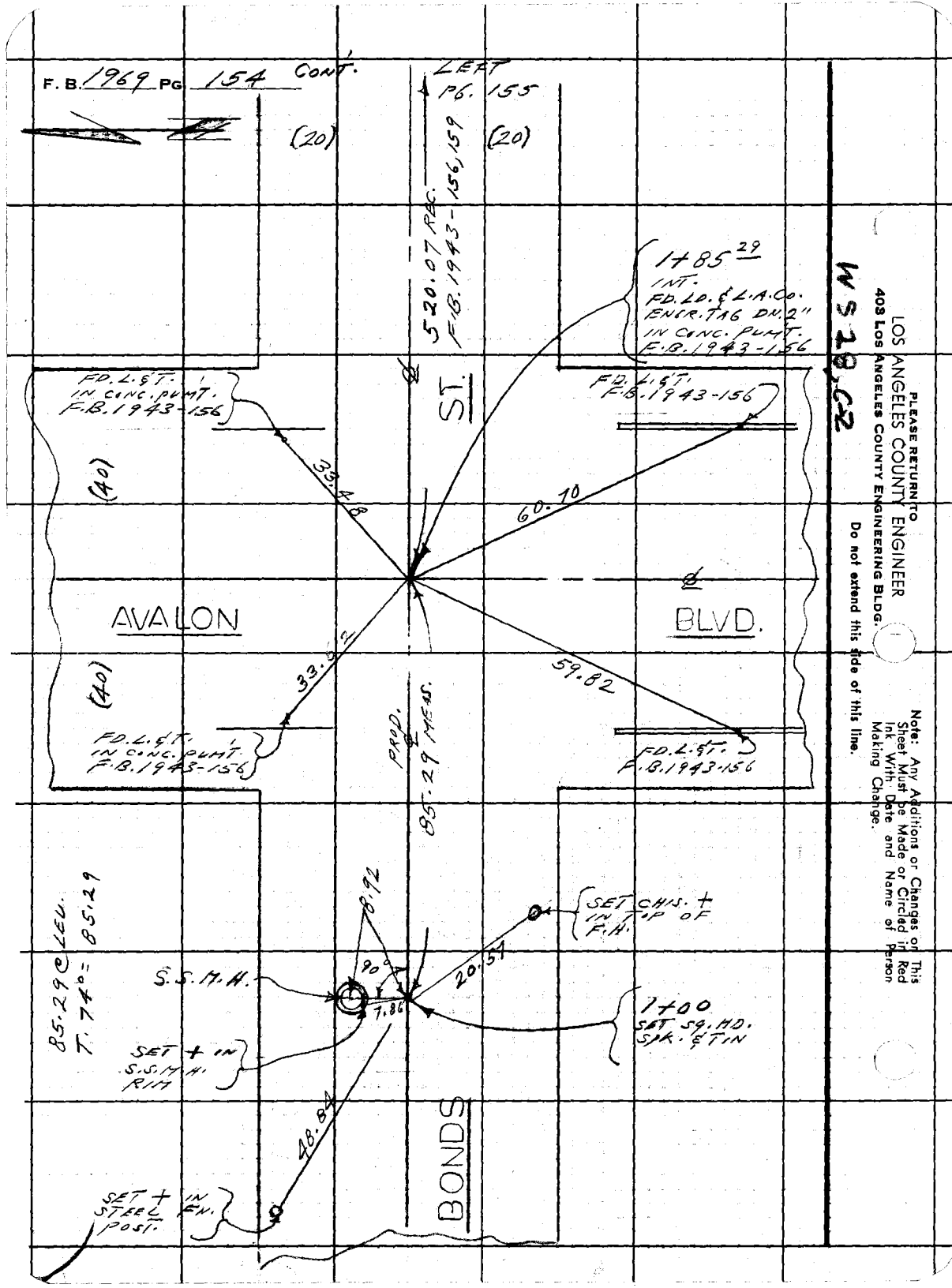
403 Los Angeles County Engineering Bldg.

76F309S CE#310 1-65


F. B. 1969 PG 154 CONT.
LEFT PG. 155
(20)
(20)
520.07 REC.
F.B. 1943-156, 159
1+85.29
INT.
FD. LD. & L.A. CO.
ENGR. TAG DN. 2"
IN CONC. PUMT.
F.B. 1943-156
FD. L. & T.
IN CONC. PUMT.
F.B. 1943-156
FD. L. & T.
F.B. 1943-156
ST.
(40)
33.48
60.70
AVALON
BLVD.
(40)
33.62
59.82
FD. L. & T.
IN CONC. PUMT.
F.B. 1943-156
FD. L. & T.
F.B. 1943-156
PROD.
85.29 MEAS.
85.29 @ LEV.
T. 74° = 85.29
8.92
SET CHIS. +
IN TOP OF
F.H.
S.S.M.H.
90°
20.57
7.86
1+00
SET SQ. HD.
SPK. & TIN
SET + IN
S.S.M.H.
RIM
48.84
BONDS
SET + IN
STEEL FN.
POST.
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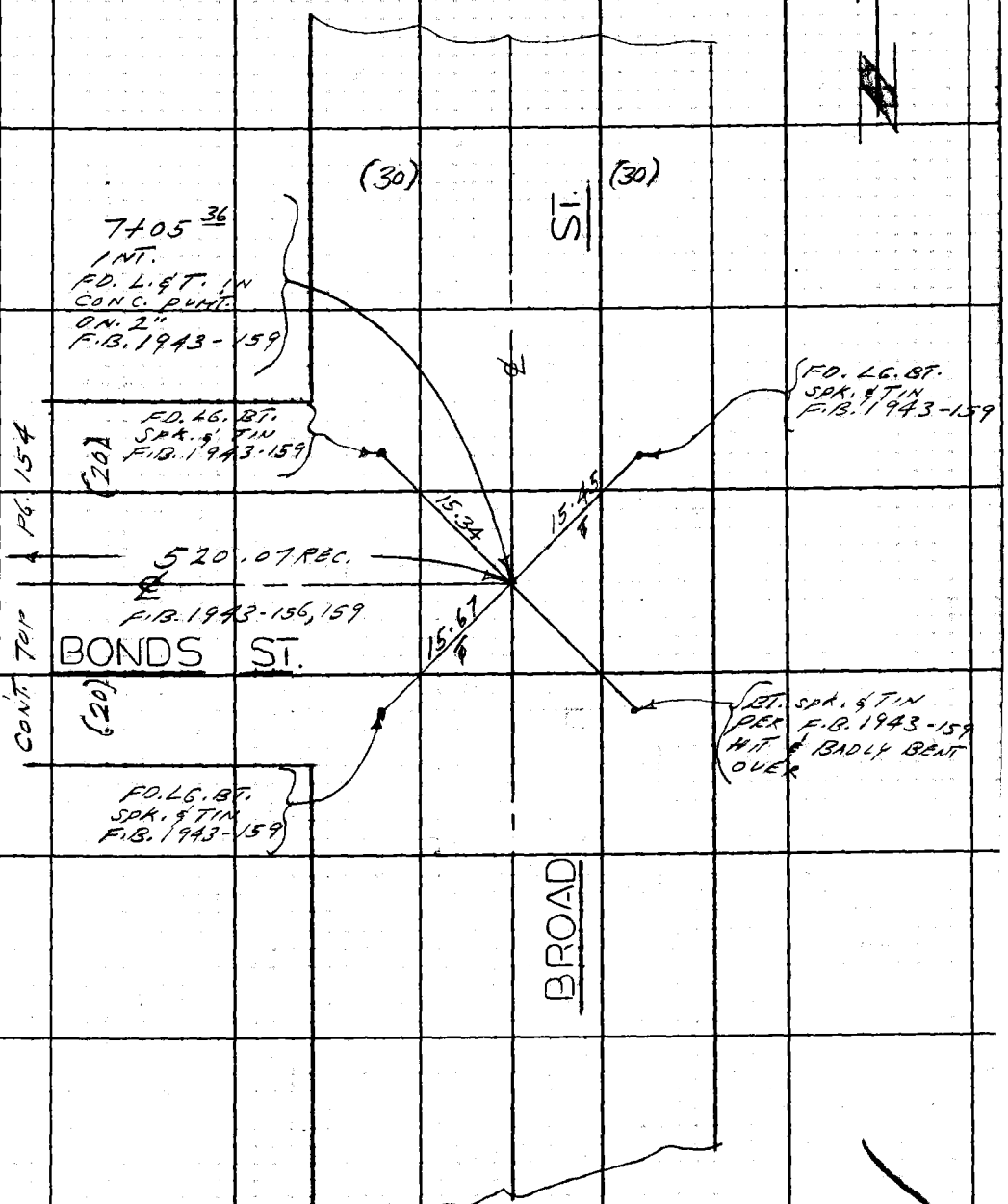
WS 28, C-2

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

Survey of BONDS ST. S.S.
JN 2366.14 Tape 0176 Std 68 °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 10-8-65
Indexed C. J. GALLI

F. B. 1969 PG. 155



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W.S. 28 C-2

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16F309S CE#310 1-65

F. B. 1969 PG 156

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Notes Ck'd by	Survey of BONDS ST. S.S.
Map No.	JN 2366.14 Tape Std °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 10-9-65
Date	Indexed C. J. GALLI

F. B. 1969 PG. 157

BONDS STREET

LOMITA AREA

C.I. 2366.14

TOPOGRAPHY

PARTY

BROWN, L.L.
HARRINGTON, P.
WALSH, M.
FALSEY, J.
MOODY MAN, W.

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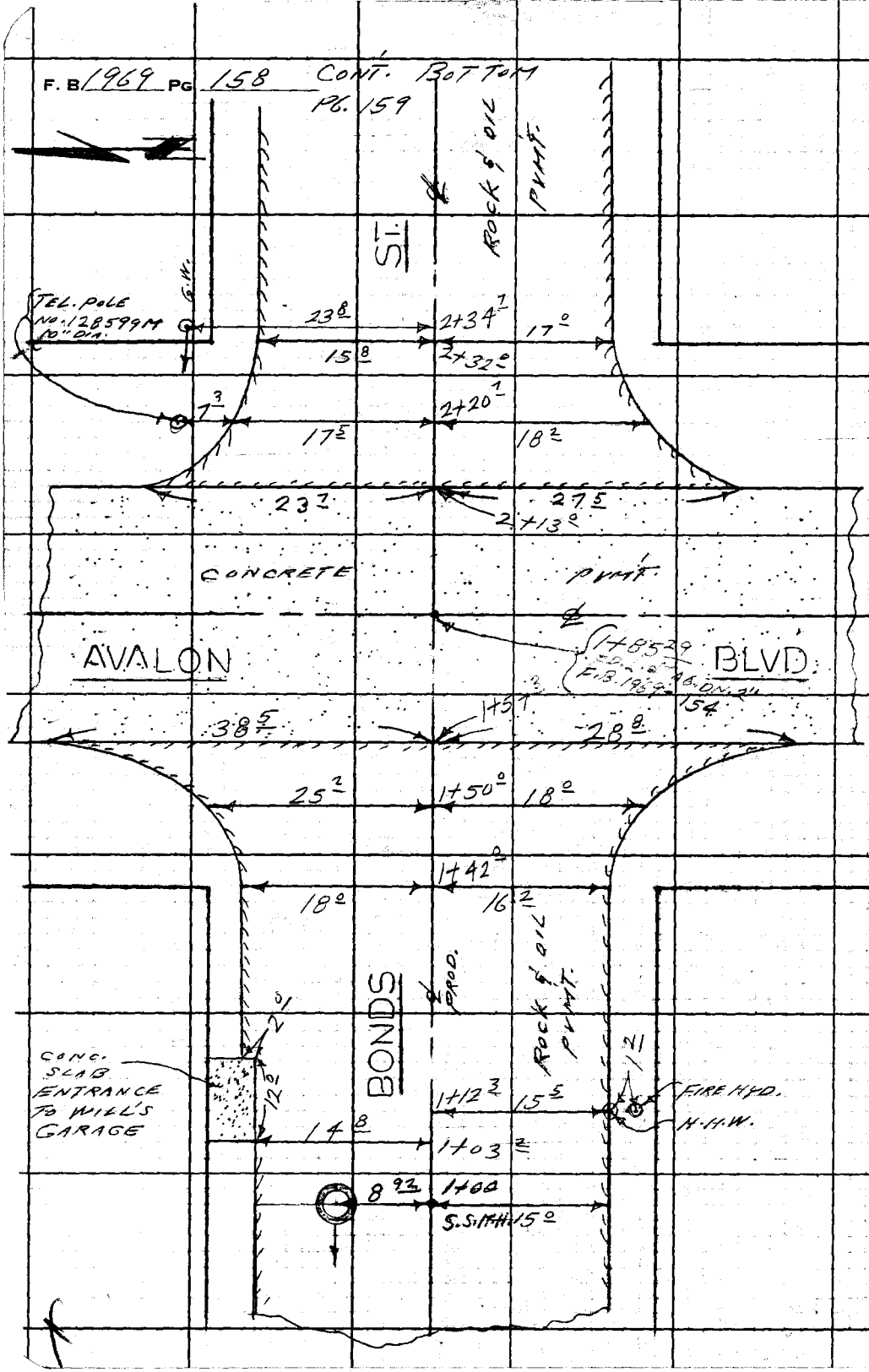
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B 1969 PG 158 CONT. BOTTOM PG. 159



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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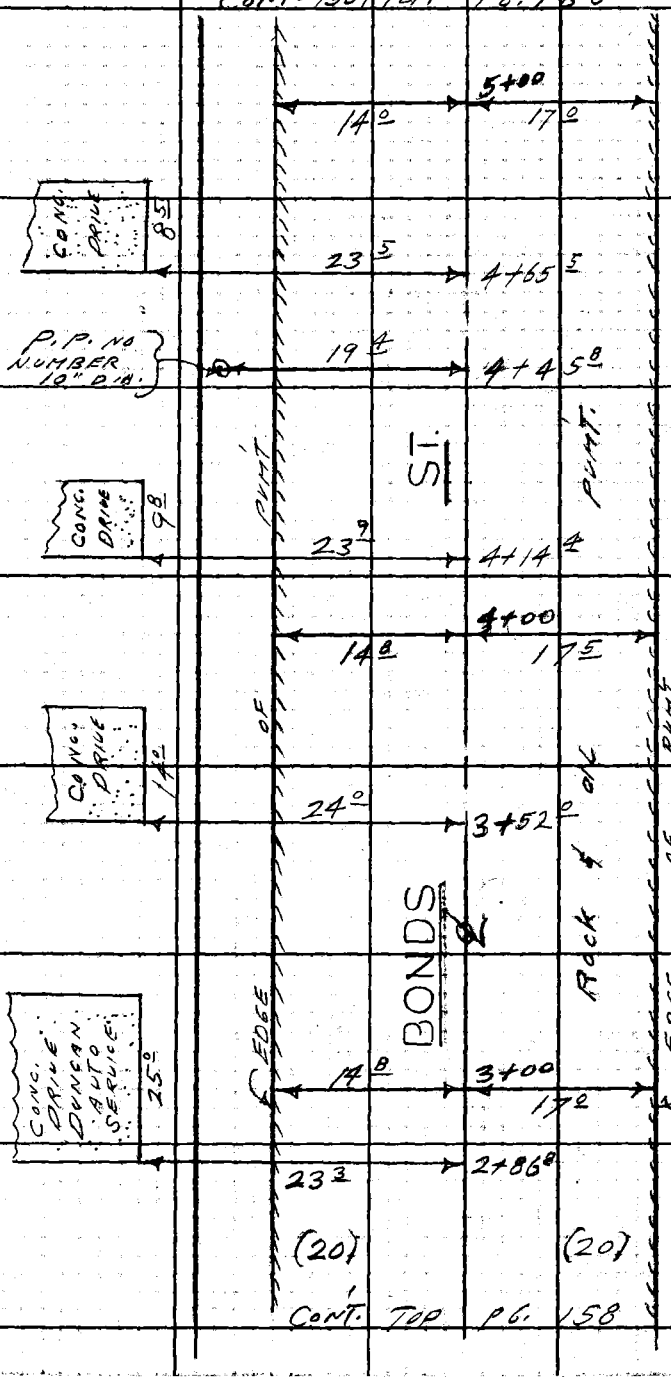
Notes Ck'd by	Survey of BONDS ST. S.S.
Map No.	JN 2366.14 Tape Std °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 10-8-65
Date	Indexed G. J. GALLI

F. B. 1969 PG. 159

CONT. BOTTOM PG. 160



CONT. TOP PG. 158

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403 Los Angeles County Engineering Bldg.

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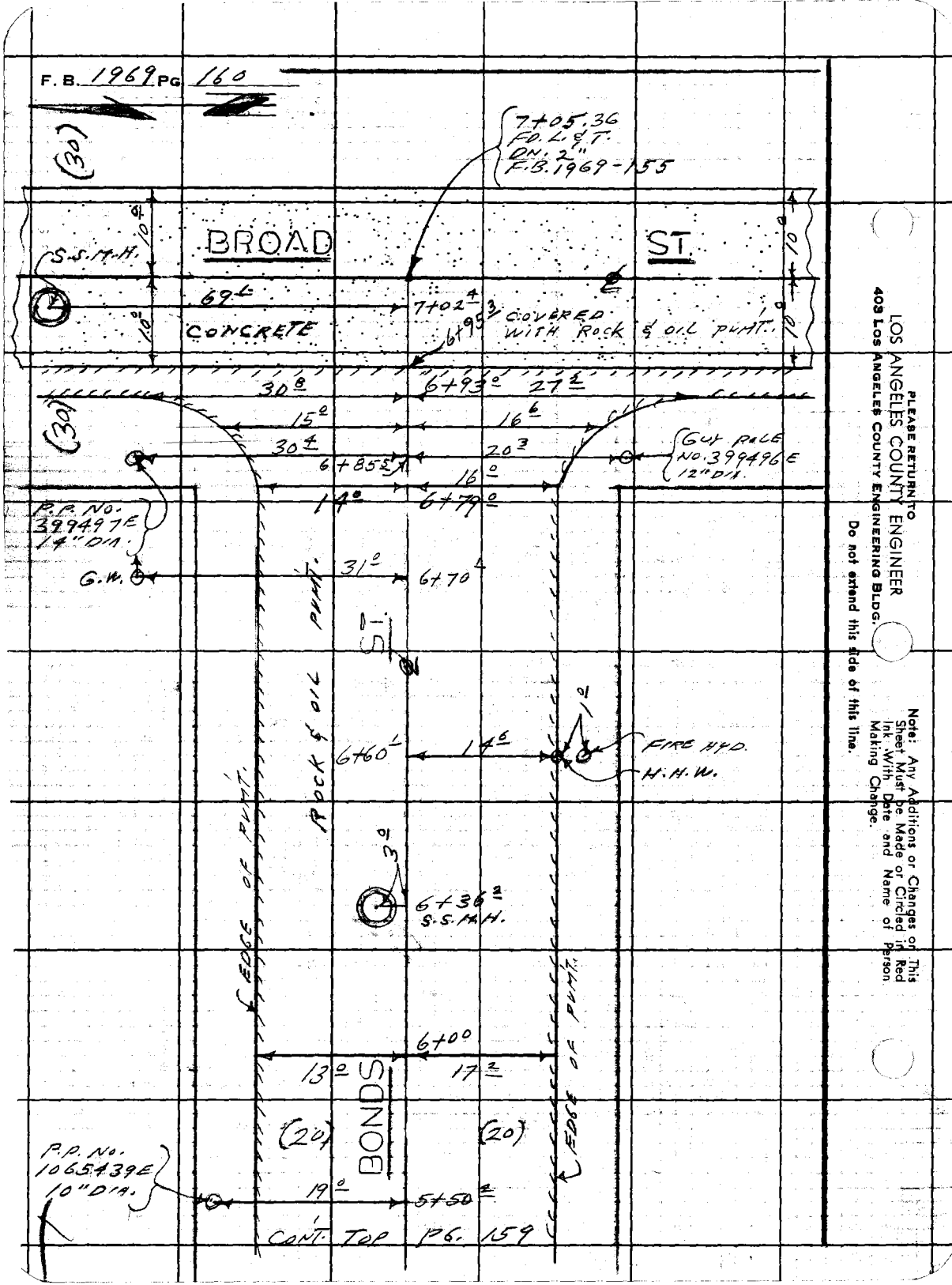
78F309S CE#310 1-65

F. B. 1969 PG 160



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F.B. 1969 Pg. 161

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2366.14 Division No. ____
Date ____ Date ____ Survey of BONDS ST.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 10-65
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

BONDS ST.

(LOMITA AREA)

C.I. 2366.14

CROSS-SECTIONS

PARTY

BROWN L.
HARRINGTON P.
WALSH M.
FALSEY J.
MOODYMAN 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.

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	BONDS	ST.
T.B.M.				42 10	T.B.M. ELEV. 42.101 (FIELD) AVALON BLVD. & BONDS ST., S.W. COR., BT. SPK. IN N. SIDE OF CONC. BASE TO R.R. WIG WAG SIGNAL 36' W. ℄ AVALON & 65' S. ℄ BONDS	F.B. 1969 - 152
BEGIN X-SECTS. AT EXISTING S.S.M.H. ON BONDS ST. PER INSTRUCTIONS						
1+00 SSMH.	W. RIM 41 82			41 78	8 92 LT. ℄ (N.) S.S.M.H.	MEAN RIM
	E. RIM 41 74					MEAN R. 41.78
	MEAN RIM 41 78					MEAS. 7.21
						T. PIPE 34.57
						DIA. " 0.67
				33 90	INV. 8" OUTLET WEST	INV. 33.90

F.B. 1969 PG. 2/62

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of BONDS ST. Date ____ Date ____ No. ____
Survey by L.L.B. Notes P.H. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed G. J. GALLI Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BONDS LT. & NO.	BONDS ST. RT. & SO.
1+00				42.14		℄
				42.15		15' PVM'T. EDGE
				42.7		20' G.R.D.
				41.30	15' PVM'T. EDGE	
				41.5	20' G.R.D.	
1+50°	PVM'T. BRK			39.84		℄
				40.06		18' PVM'T. EDGE
				39.65	25.2 PVM'T. EDGE	
1+57.3				39.85		℄
				40.30		28.2 EDGE CONC.
				39.38	38.5 EDGE CONC.	
1+85.29				40.61	INT. AVALON BLVD. & BONDS ST.	
				41.82		50' PVM'T. - CONC.
				39.86	52' PVM'T. - CONC.	

Profile Notes Red ____ Plotted ____ Job No. 2366.14 Division No. ____
No. ____ X-Sec. ____ Date ____ Date ____ Survey of BONDS ST.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 11-65
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 1969 Pg. 163

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	BONDS LT. & NO.	ST. RT. & SO.
2+13°	PUM'T. BRK.			40 04		℄
				40 45		27⁵ EDGE CONC.
				39 52	23⁷ EDGE CONC.	
2+32°	PUM'T. BRK.			40 53		℄
				40 43		17' PUM'T. EDGE
				40 6		20' GRD. P/L.
				41 7		36' " BRK.
				41 9		52' "
				40 35	16' PUM'T. EDGE	
				40 8	20' GRD. BRK. P/L.	
				38 9	145' B.L.L. GRD.	
3+00				40 60		℄
				40 45		17' PUM'T. EDGE
				40 4		20' GRD. P/L.
				40 22	15' PUM'T. EDGE	
				40 3	20' GRD. P/L.	

F.B. 1969 Pg. 164
Survey of BONDS ST. Job No. Division No. Notes Red. Date Plotted Date No. Profile
Survey by L.L.B. Notes P.H. Date Notes Chkd. Date Checked Date No. X-Sec.
Indexed C. J. GALLI Date

76-L-298 CE 307 2-63

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BONDS LT. & NO.	ST. RT. & SO.
4+00				40.14		℄
				39.81		17.5 PVM'T. EDGE
				39.8		20' P/L. GRD.
				39.69	15' PVM'T. EDGE	
				39.7	20' P/L. GRD.	
5+00				39.85		℄
				39.37		17' PVM'T. EDGE
				39.4		20' P/L. GRD.
				39.27	14' PVM'T. EDGE	
				39.4	20' P/L. GRD.	
6+00				39.38		℄
				39.07		17' PVM'T. EDGE
				39.0		20' P/L. GRD.
				38.78	13' PVM'T. EDGE	
				39.2	20' P/L. GRD.	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 2366.14 Division No. ___
X-Sec. No. ___ Date ___ Date ___ Survey of BONDS ST.
Notes Chkd. ___ Checked ___ Survey by L.L.B. Notes P.H. Date 10-65
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

F.B. 1969 Pg. 5/165

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	BONDS LT. & NO.	ST. RT. & SO.
6+62.0	PVM'T. BRK.			38 94		℄
				38 68		16' PVM'T. EDGE
				39 6		20' P/L. GRD.
				40 8		105' GRD.
				38 46	14' PVM'T. EDGE	
				38 6	20' P/L. GRD.	
				37 0	145' B.L.L. GRD.	
6+88.0	PVM'T. BRK.			38 03		℄
				38 15		16' ± PVM'T. EDGE
				37 64	15' ± PVM'T. EDGE	
6+95.3				38 57		℄
				39 12		50' PVM'T. EDGE
				38 0	50' PVM'T. EDGE	
7+05.36				38 77	INT. BONDS ST. & BROAD ST.	
B.M. EX. #3				39 28	B.M. EX. #3 ELEV. 39 (FIELD) 305 FEB. 1969 -	152 X

F.B. 1969 Pg. 166

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of BONDS ST. Date ____ Date ____ No. ____
Survey by L.L.B. Notes P.H. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed G. J. GALLI Date ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of Bonds St.
Map No.	JN 2366.14 Tape 0124 Std 68 °F
Office Work	Surveyed by Ed English
Checked	Notes Ed. Date 11-12-65
Date	Indexed C. J. GALLI NOV 18 '65

F. B. 1969 PG. 167

BONDS STREET
(LOMITA AREA)

J.N. 2366.14

Additional Work.
Easement Survey.
Topography.

Nov. 10, 1965
English
Foulger
Tollison
Dupuis

Ref.:
F.B. 1969-167

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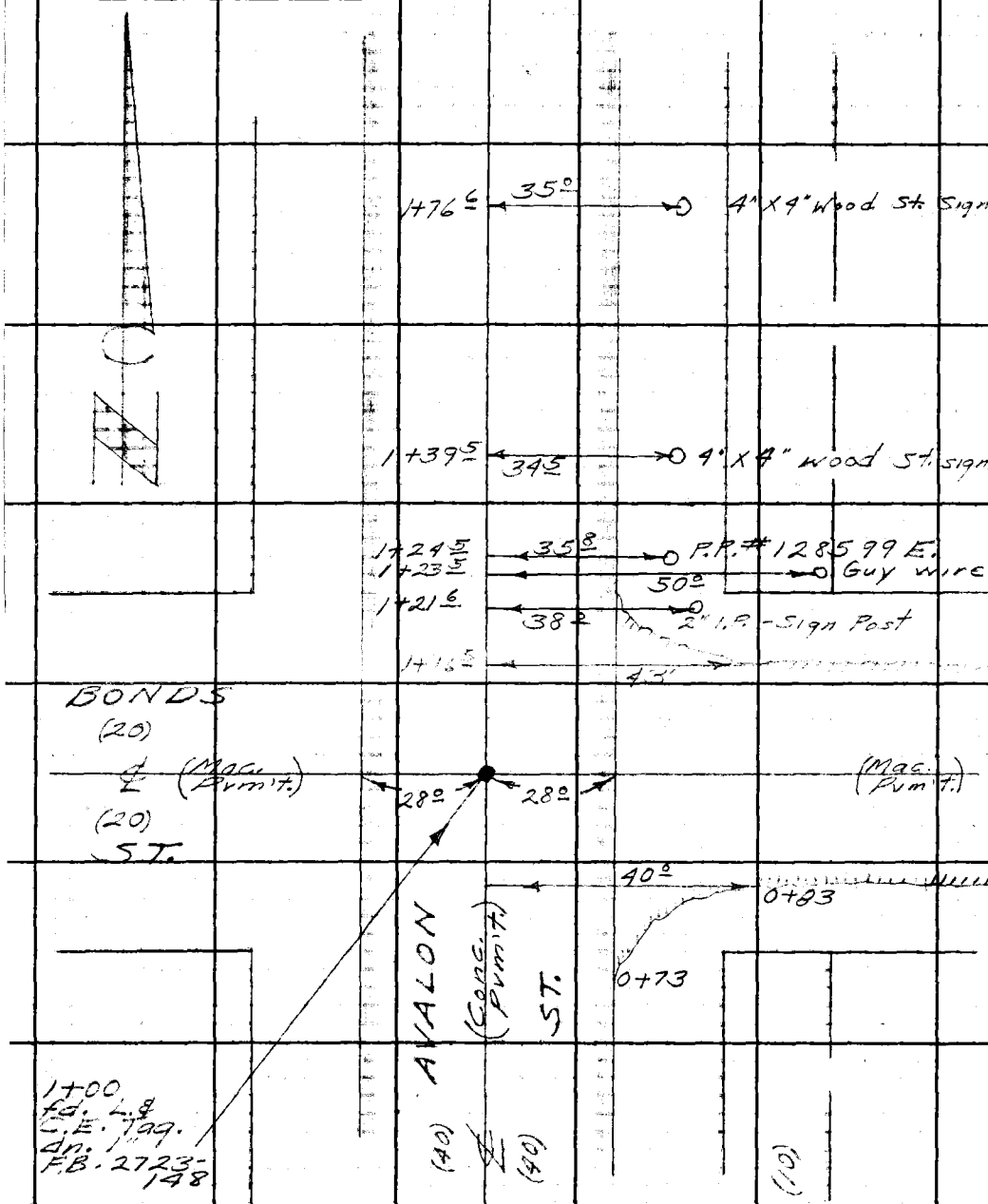
F. B. 1969 PG. 168

Con't. Pg. 169



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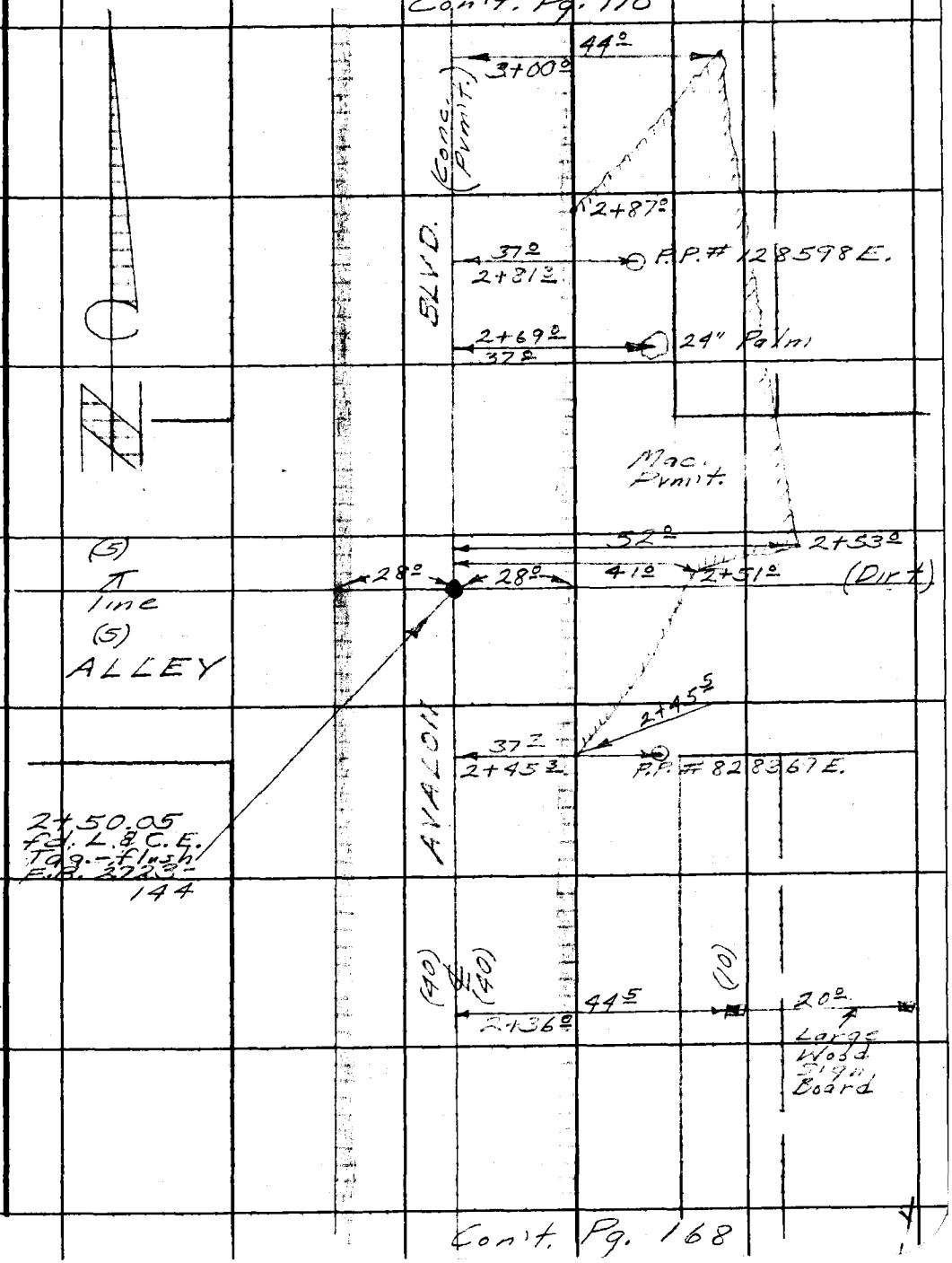
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Bonds St.
JN 2366.14 Tape 0124 Std 68 °F
Surveyed by English
Notes Ed. Date 11-12-65
Indexed

F. B. 1969 PG. 169

Con't. Pg. 170



Con't. Pg. 168

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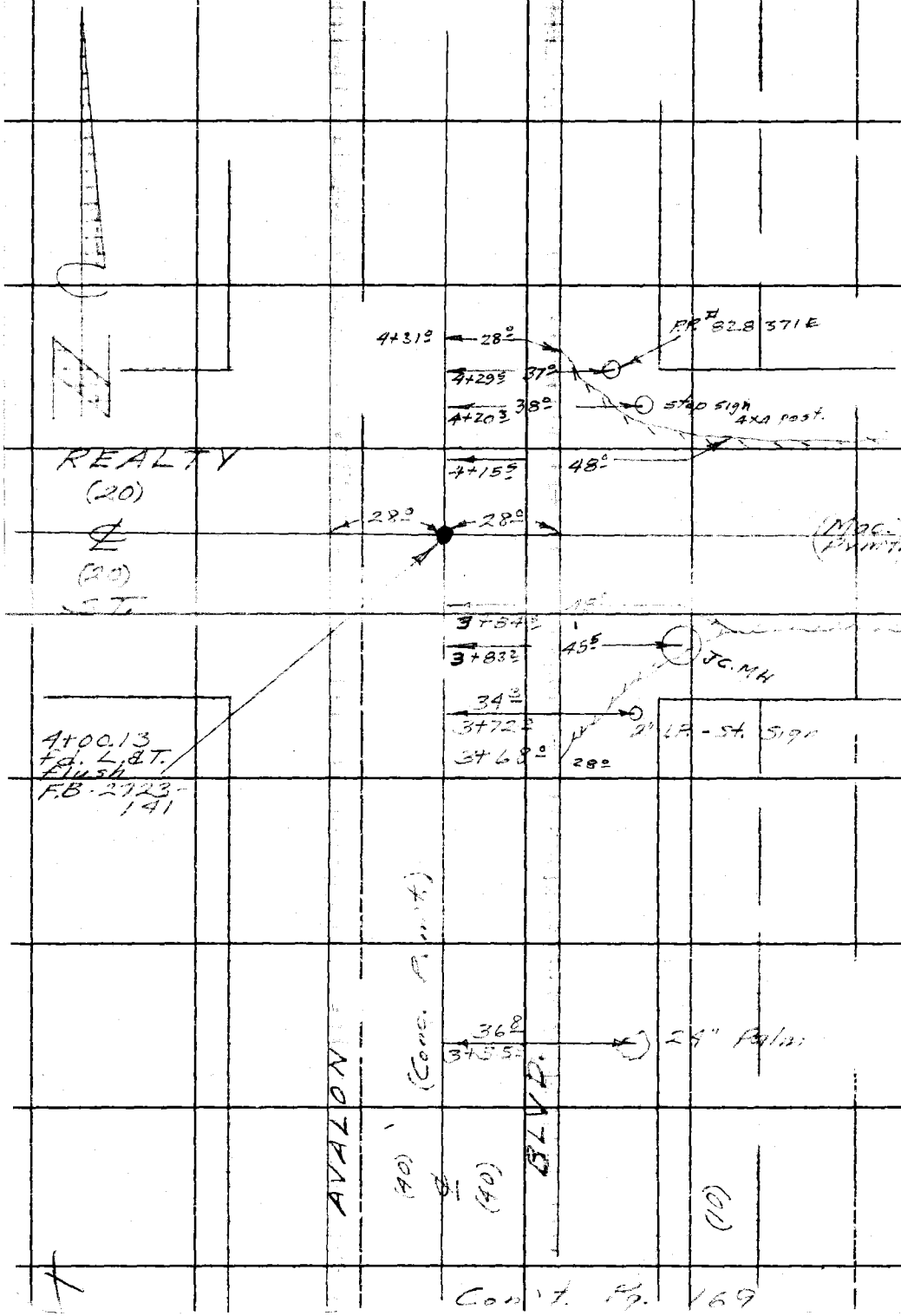
76F3095 CE #310 6-63

F. B. 1969 PG. 170.



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403 Los Angeles County Engineering Bldg.

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Profile No.	Notes Red.	Plotted	Job No. 2366.14	Division No. 11	F.B. 1969	Pg. 171
	Date	Date	Survey of Bonds St.			
X-Sec. No.	Notes Chkd.	Checked	Survey by English	Notes E.J. GALLI	Date 11-12-65	
	Date	Date	Map No.	Indexed	Date	

BONDS STREET
(LOMITA AREA)

J.N. 2366.14

Additional Work.
Easement Survey.
Cross Sections

STATION	B.S.	H.I.	F.S.	ELEV.
			Nov. 12, 1965	
			English	
			Foulger	
			Tollison	
			Dupuis	

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76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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F.B. 1969 Pg. 172 Job No. 2366.14 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Bonds St. Date ____ Date ____ No. ____
Survey by English Notes Ed Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	℄ Avalon
Fd. B.M. EX-40				[illegible]10	B.M. EX-40, el. = 42.105, F.B. 1969-152 Avalon Blvd. & Bonds St., S.W. Cor. - Bt. Spk. in N. side of conc. "base R.R. "Wig Wag" Signal - 36' W. & 65' S. of ℄
1+00				[illegible]06	28' R. ed. conc.
1+00				40[illegible]34	40 " Mac. pv.
				4[illegible]59	50 " " "
				4[illegible]25	60 " " "
1+16.5				4[illegible]04	45 " ed. " "
1+20				40[illegible]7	45 " T.B.
1+50				3[illegible]24	28 " ed. conc.
				40[illegible]7	38 " T.B.
				4[illegible]6	50 " Dirt
				4[illegible]2	60 " "
2+00				[illegible]57	28 " ed. conc.
				3[illegible]6	38 " T.B.
				3[illegible]5	50 " Dirt
				3[illegible]5	60 " "
2+50				3[illegible]35	28 " ed. conc.
				3[illegible]50	38 " Mac. Pv.
				3[illegible]7	50 " Dirt
				38 8	60 " "

Lenker Rod Used.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		℄ Avalon
3+00				37 30		28 R. ed. conc.
				37 7		40 " Dirt
				37 85		44 " ed. mac. pv.
				37 8		60 " Dirt
3+50				36 62		28 " ed. conc.
				37 1		40 " Dirt
				37 1		50 " "
				37 0		60 " "
3+75				36 8		45 " "
3+83 ±				36 07	S.M.H. rim	45 ± " Meas + Dia. = Rod
				27 32	F.L., 8" In. N.	8.08 + .67 = 8.75
				27 35	" " " S.	8.05 + .67 = 8.72
				27 18	" " Out. E.	8.22 + .67 = 8.89
4+00.13				35 92		28 R. ed. conc.
				36 15		40 " mac. pv.
				36 30		50 " " "
				36 55		60 " " "
+d. B.M. EX-1				36 60	B.M. EX-1, el = 36.600, F.B. 1943-138	
					Avalon Blvd. & Realty St., S.E. Cor.	
					Bt. Spk. in conc. pv. 1' W. of E. edge, &	
					40' S. of ℄ Realty St.	

Profile Notes Red. _____ Plotted _____ Job No. 2366.14 Division No. 11 F.B. 1969 Pg. 173
No. X-Sec. Date _____ Date _____ Survey of Bonds St.
No. Notes Chk'd. _____ Checked _____ Survey by English Notes Ed. Date 11-12-65
No. Date _____ Date _____ Map No. _____ Indexed C. J. GATTI Date _____

F. B. 1969 Pg. 174 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L-298 CE 307 2-63

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F. B. 1969 Pg. 175

NOTES RED. C.I. 2450.14 JOB NO. SURVEY OF NORMANDIE AVE.

DATE SURVEY BY W. A. RICHARDS

NOTES CHKD. NOTES BY W.A.R. DATE 9-21-67

DATE INDEXED C. J. GALLI DATE OCT 9 '68

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
C.I. 2450.14 NORMANDIE AVE. S.S. PRE. SURVES BENCH LEVELS ELEVATIONS HEREIN ARE BASED UPON L.A. CO. RD. DEPT. DATUM, GARDENA QUAD, OF 1965 B.M. INDEX MAP SEE PG. 180 CENTER LINE SURVEYS REF: FB. 1969 PGS. 179-188 INC. TOPOG. & X-SECT. " " " " " 189-212 "			RICHARDS LANDA CROWDER SOFER			

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 SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 4-54

768420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(FD.) B.M. B.Y. 3032	45.465				45.465	B.M. B.Y. 3032 EL. = 45.465'
+	6.059		6.081			L.A.C.E. MON @ ℄ INT. NORMANDIE AVE.
⊼	51.524	+1.108	1.104	1.111		& FRANCISCO ST. (GARDENA 1965)
(FD.) −	4.951		4.977			
B.M. B.Y. 3031	46.573				46.576	B.M. B.Y. 3031 EL. = 46.576' (GARDENA 1965)
+	5.523		5.485			NORMANDIE AVE., W. SIDE, 392'± N. ℄ FRANCISCO
⊼	52.096	+0.517	0.516	.518		ST. A BT. SPK. IN LEAD IN W. CB. (NOTE: "L+
−	5.006		4.969			BN." FD. DESTROYED; SET BT. SPK. IN FD. LEAD.),
T.P.	47.090					1° S/O T.P. # 575844 H
+	5.105		5.047			
⊼	52.195	+0.357	0.355	.358		
−	4.748		4.692			
T.P.	47.447					
+	4.204		4.259			
⊼	51.651	−0.902	0.901	.901		
(SET) −	5.106		5.160			
B.M. EX. 41	46.545				46.551	B.M. EX. 41 EL. =
+	5.502		5.548			196TH ST. (PVT. ST.), N. SIDE, 375'± E. ℄
⊼	52.047	+0.713	0.718	.715		NORMANDIE AVE. BT. SPK. IN LEAD IN CONC.
(SET) −	4.789		4.830			BASE OF 12' DIA. STEEL STORAGE TANK., 1° W.
BM EX. 42	47.258				47.266	& 1° N. OF S.E. COR. CONC.
+	5.400		5.450			B.M. EX. 42 EL. =
⊼	52.658	+0.113	0.111	.113		NORMANDIE AVE., W. SIDE, @ 196TH ST. (PVT. ST.)
(FD.) −	5.287		5.339			BT. SPK. IN CB., 5' S. ℄ PROD.
B.M. BY 3030	47.371				47.379	B.M. B.Y. 3030 EL. = 47.376 (GARDENA 1965)
						NORMANDIE AVE., W. SIDE, 105' S. ℄ KNOX ST.,
						& 2° W. OF W. CB. A STD. USC. & GS. DISC.
						IN CONC. FLUSH

F.B. 1969 PG. 176

CI. 2450.14

JOB NO. _____ SURVEY OF NORMANDIE AVE. NOTES RED _____

SURVEY BY W. A. RICHARDS DATE _____

NOTES BY W. A. R. DATE 9-21-67 NOTES CHKD. _____

INDEXED C. J. GALLI DATE _____ DATE _____

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED _____ JOB NO. CT. 2450.14 SURVEY OF NORMANDIE AVE
DATE _____ SURVEY BY W. R. RICHARDS DATE 9-21-67
NOTES CHKD CHURCH NOTES BY W. R. R.
DATE OCT 17 '67 INDEXED C. J. GALLI DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
CONT.	47.371				47.379	
+	5848		5.896			
⊼	53.219	+0.193	0.192	.195		
(FD.) −	5.655		5.704			
B.M. BY 3028	47.564				47.574	B.M. BY 3028 EL. = 47.574 (GARDENA 1965)
+	4.409		3.965			NORMANDIE AVE., W. SIDE, AT KNOX ST.
⊼	51.973	-1.980	1.980	1.980		L. & T. IN W. CB, ON ℄ PROD. KNOX ST.
−	6.389		5.945			
T.P.	45.584					—
+	4.119		3.837			
⊼	49.703	-2.242	2.243	2.243		
(SET) −	6.361		6.080			
B.M. EX. 43	43.342				43.351	B.M. EX. 43, EL. =
+	6.158		6.172	6.210		KNOX ST., N. SIDE, 615'± E. ℄ NORMANDIE
⊼	49.500	+2.235	2.229	2.232		AVE. BT. SPK. IN N. CB., ON PROD. OF
−	3.923		3.943	3.978		E. EDGE OF BRICK BLDG. ON S. SIDE OF ST.
T.P.	45.577					—
+	5.849		5.900			
⊼	51.426	+2.118	2.117	+2.118		
−	3.731		3.783			
T.P.	47.695					—
+	4.881		4.901			
⊼	52.576	+0.335	0.335	.335		
−	4.546		4.566			
T.P.	48.030					—
+	4.540		4.575			
⊼	52.570	-0.566	0.566	.566		
(SET) −	5.106		5.141			
B.M. EX. 44	47.464				47.467	B.M. EX. 44 EL. =
						NEXT PG. FOR DESC.

1969 F.B. PG. 177

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.E.X. 44	47.464				47.467	B.M.E.X. 44 EL. =
+	5.166		5.191			NORMANDIE AVE., W. SIDE, 710' ± N. ℄
⊼	52.630	-0.233	0.236	.234		KNOX ST. FD. A SCREW IN LEAD IN
−	5.399		5.427			W. CB, 9' S. T.P. # 588217 H
T.P.	47.231					
+	4.752		4.798			
⊼	51.983	-0.526	0.526	.526		
−	5.278		5.324			
T.P.	46.705					
+	4.547		4.598			
⊼	51.252	-0.364	0.365	.364		
F.D. −	4.911		4.963			
B.M.BY.3025	46.341				46.343	B.M.BY 3025 EL. = 46.343 (GARDENA 1965)
						NORMANDIE AVE. & 190TH ST. A L.A.C.E.
						MON. IN H.H. @ ℄ INT.

NOTES RED
DATE
NOTES CHKD
DATE
DATE 9-67
DATE
DATE

SURVEY OF NORMANDIE AVE.
SURVEY BY W. A. R. RICHARDS
NOTES BY W. A. R.
INDEXED C. J. GALLI

JOB NO. G.I. 245014

F.B. 1969 PG. 178

Notes Ck'd by J. A. CHURCH	Survey of NORMANDIE AVE. S.S.	F. B. 1969	PG. 179
Map No.	JN 2450.14 Tape — Std. — °F		
Office Work	Surveyed by W. A. RICHARDS		
Checked	Notes W. A. R. Date 9-67		
Date OCT 2 '67	Indexed C. J. GALLI OCT 9 '87		

J. N. 2450.14

NORMANDIE AVE.

S. S. PRELIMINARY SURVEY

CENTERLINE SURVEYS

BENCH LEVEL SURVEYS REF.	FB. 1969	PG.	175 – 178 INC.
CENTERLINE " " "	"	"	179 – 188 "
TOPOG. & X-SECT. " " "	"	"	189 – 212 "
AREA & & B.M. INDEX MAP	"	"	180

RICHARDS
LANDA
CROWDER
SOPER

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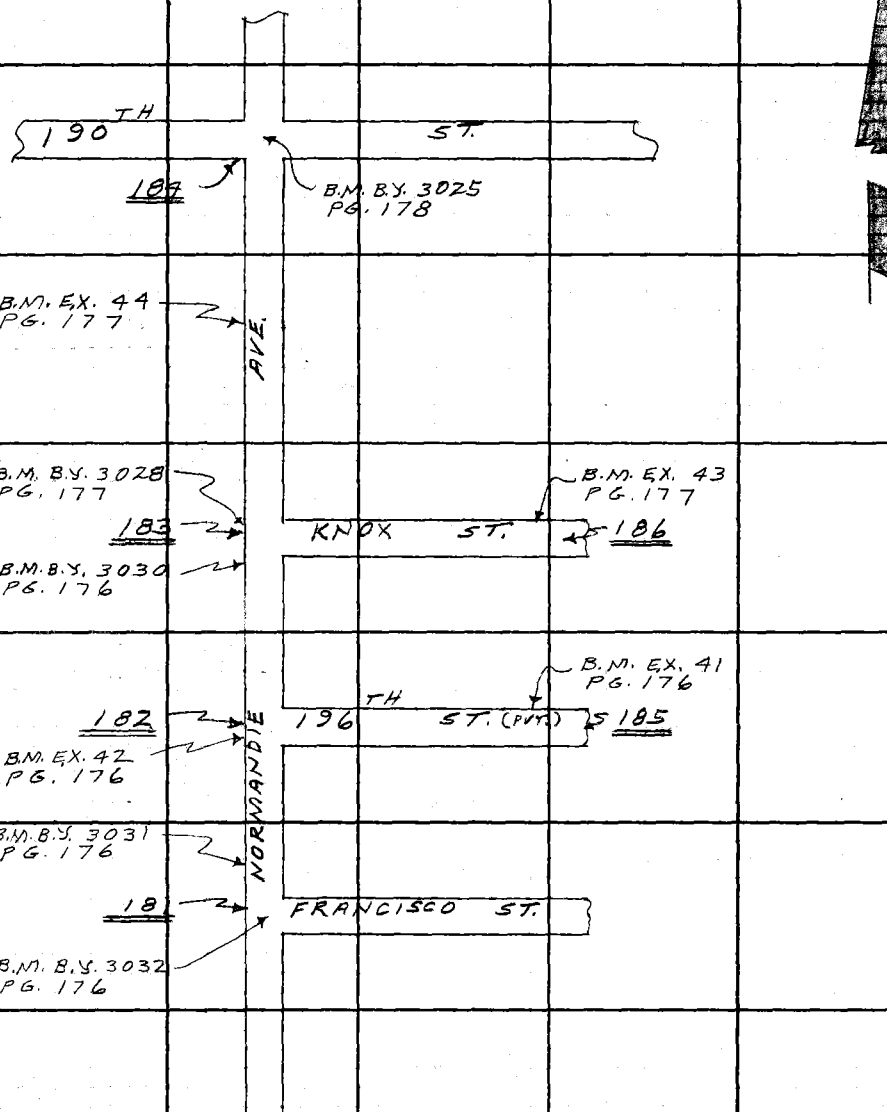
76F309S CE#310 1-65

F. B. 1969 PG. 180

AREA INDEX MAP
(NO SCALE)



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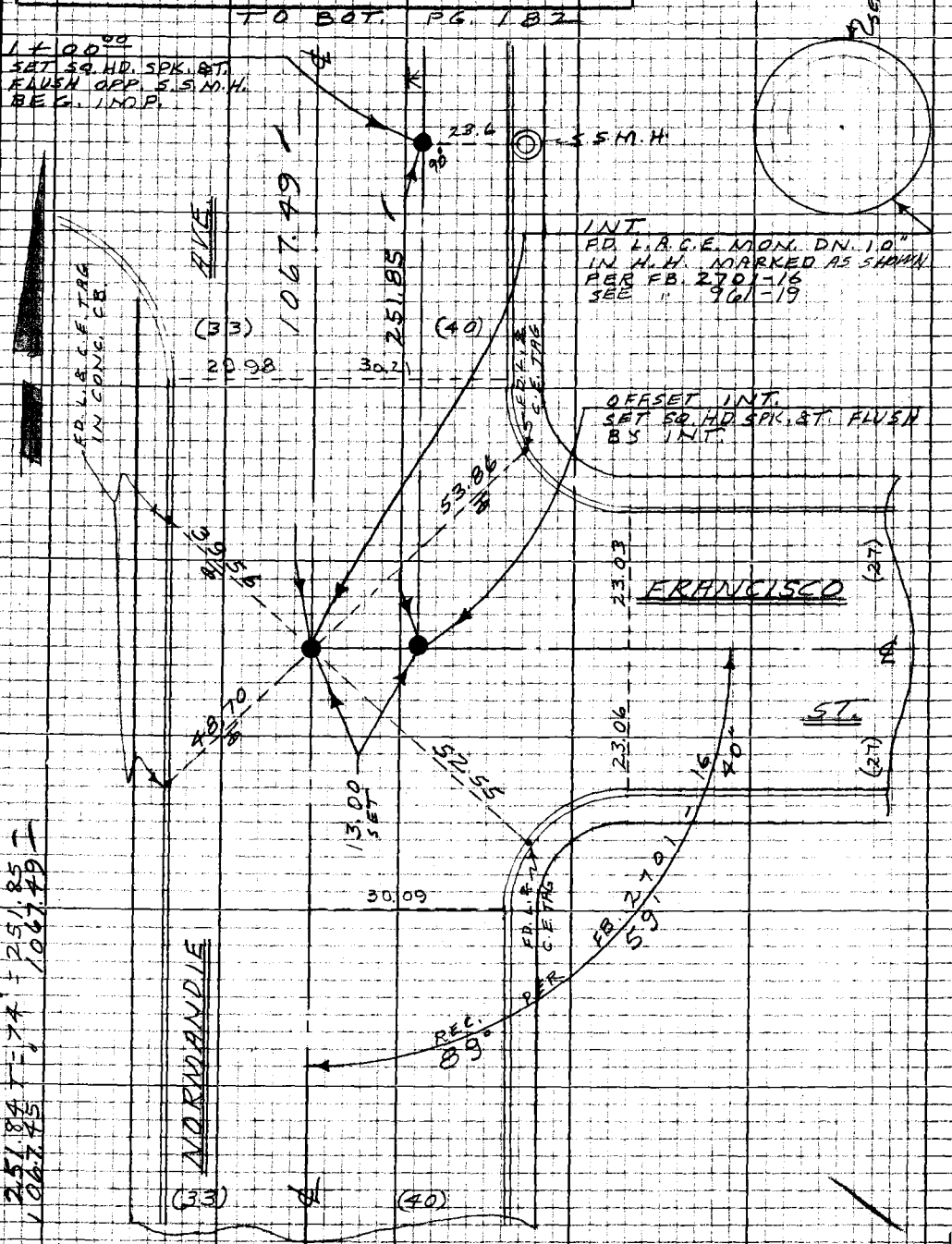
Notes Ck'd by J. A. CHURCH	Survey of NORMANDIE AVE.	F.B. 1969	Pg. 181
Map No.	JN 2450.14 Tape 0.86 Std 68 °F		
Office Work	Surveyed by W. A. RICHARDS		
Checked	Notes W.A.R. Date 9-67		
Date 12	Indexed C. J. GALLI		



W.S. 26, A-6

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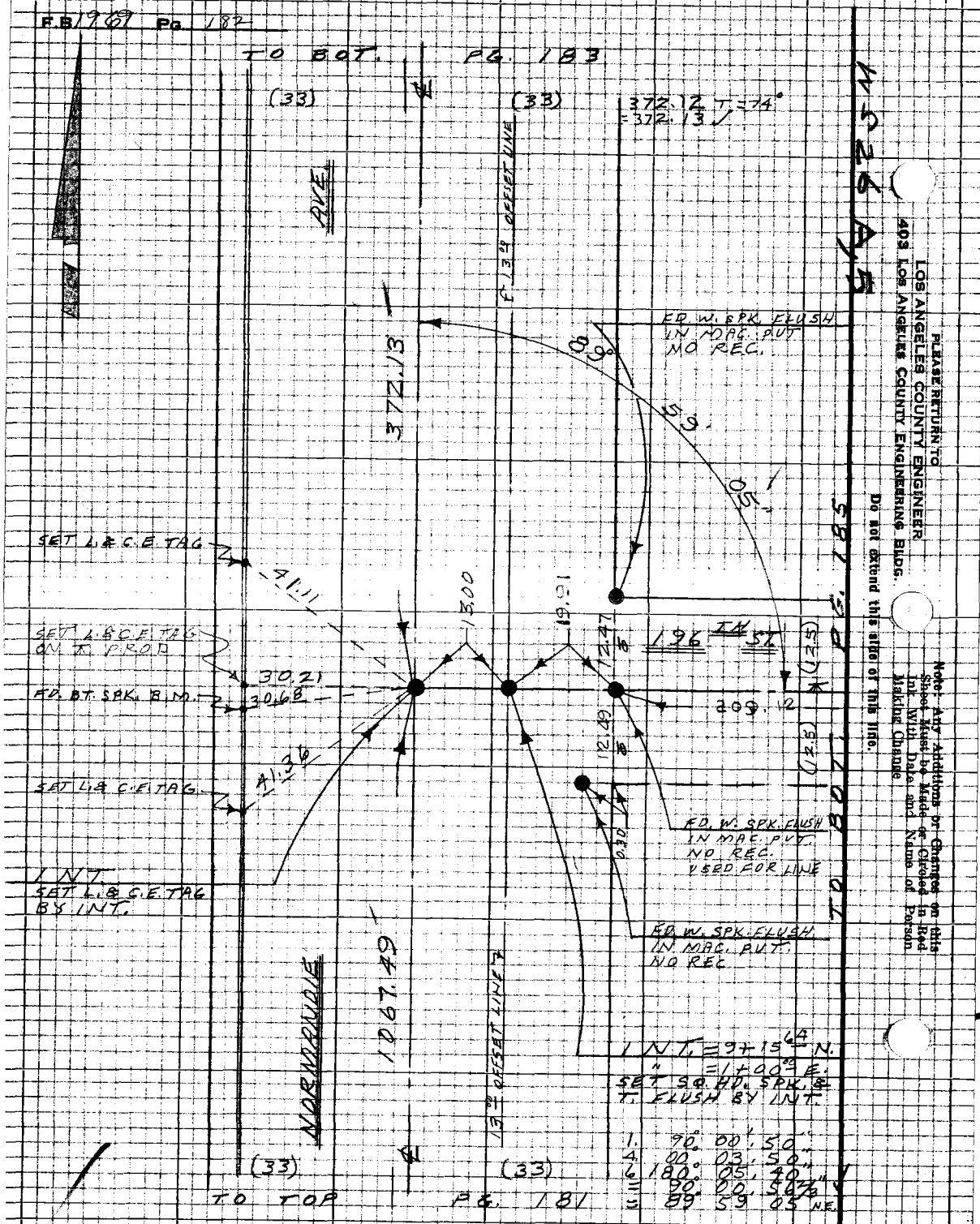
76P3098 CE #310 5-66


F.B. 1969 Pg. 182
TO BOT. PG. 183
(33)
(33)
372.12 T = 74°
= 372.13
AVE.
13.00 OFFSET LINE
372.13
FD. W. SPK. FLUSH
IN MAC. PVT.
NO REC.
89°
59'
05"
SET L.& C.E. TAG
41.11
13.00
19.91
12.47
196 TH ST.
(12.5)
SET L.& C.E. TAG
ON T. PROD
30.21
FD. BT. SPK. B.M.
30.68
209.12
12.49
(12.5)
41.36
SET L.& C.E. TAG
FD. W. SPK. FLUSH
IN MAC. PVT.
NO REC.
USED FOR LINE
0.30
INT.
SET L.& C.E. TAG
BY INT.
FD. W. SPK. FLUSH
IN MAC. PVT.
NO REC.
NORMANDIE
1067.49
13.00 OFFSET LINE
INT. = 9+15.64 N.
" = 1+00.00 E.
SET SQ. HD. SPK. &
T. FLUSH BY INT.
1. 90° 00' 50"
4. 00° 03' 50"
6. 180° 05' 40"
= 90° 00' 56 2/3"
= 89° 59' 05" N.E.
(33)
(33)
TO TOP PG. 181
TO BOT. PG. 185
M526 A5
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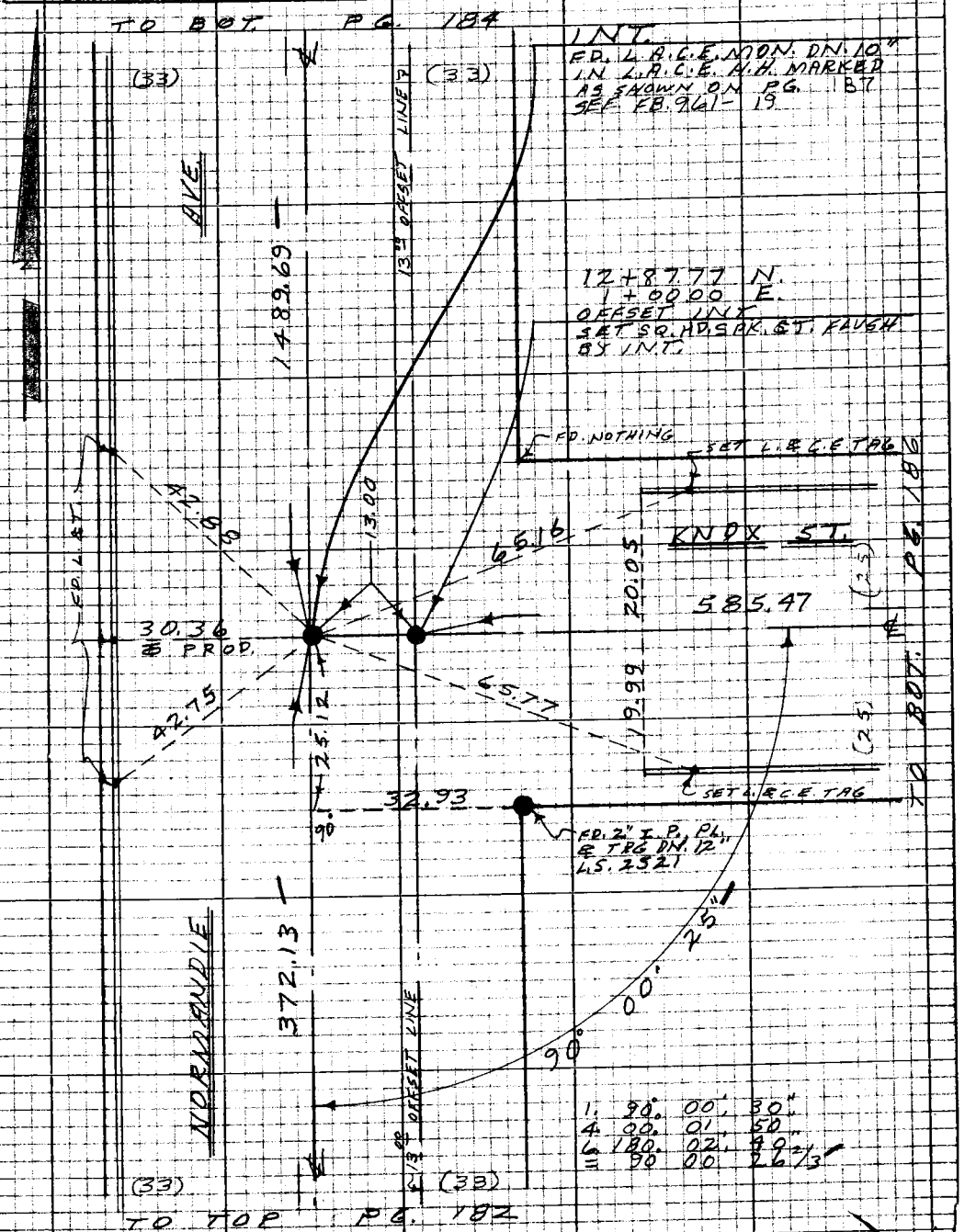
Notes Ck'd by [illegible]	Survey of NORMANDIE AVE	F.B. 1969 Pg. 183
Map No.	JN 2250.14 Tape 0186 Std 68 °F	1489.63 T=74°=1489.69'
Office Work	Surveyed by W.A. RICHARDS	
Checked	Notes W.A.R. Date 9-67	
Date	Indexed J. GALLI	

A-5

W 5 26



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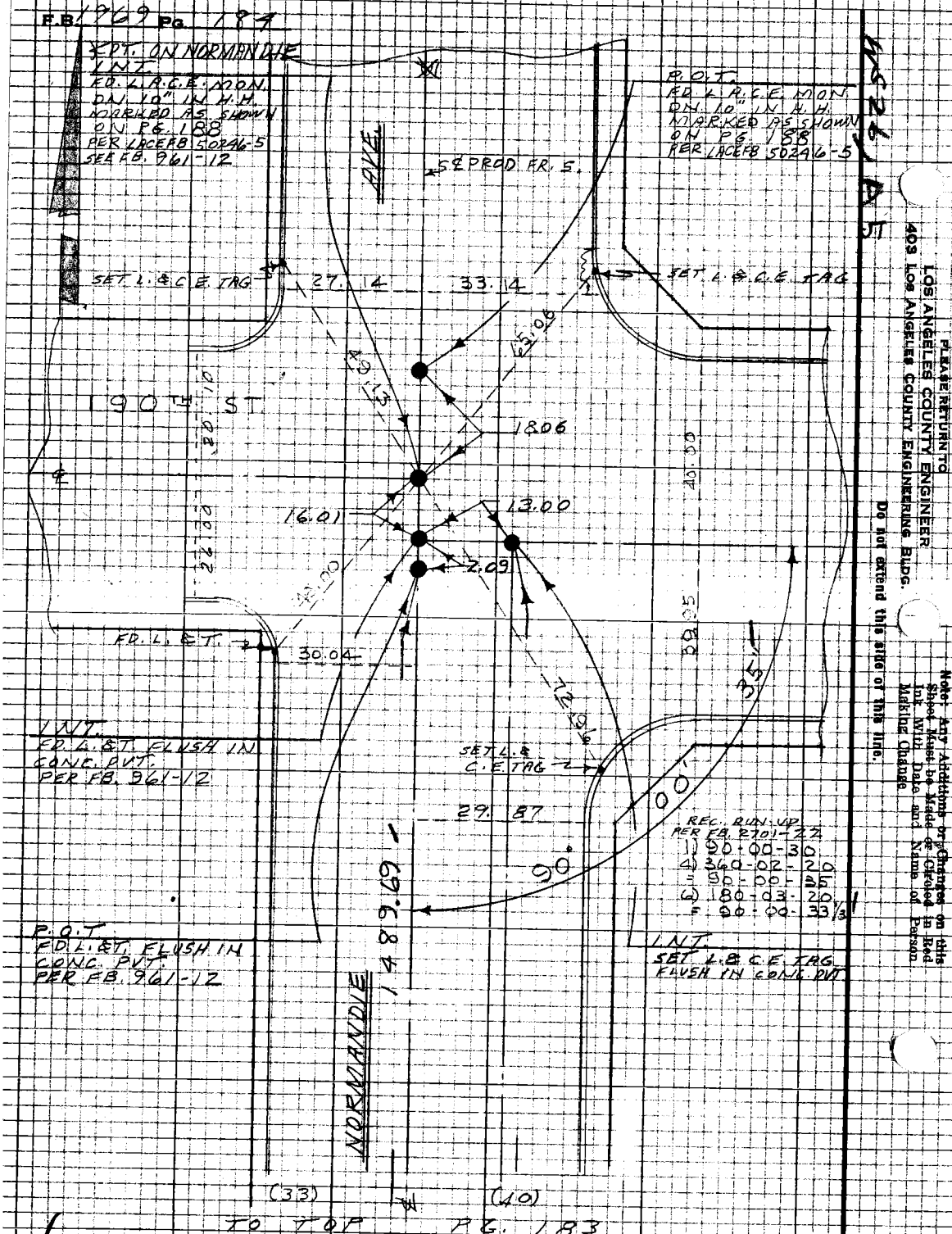
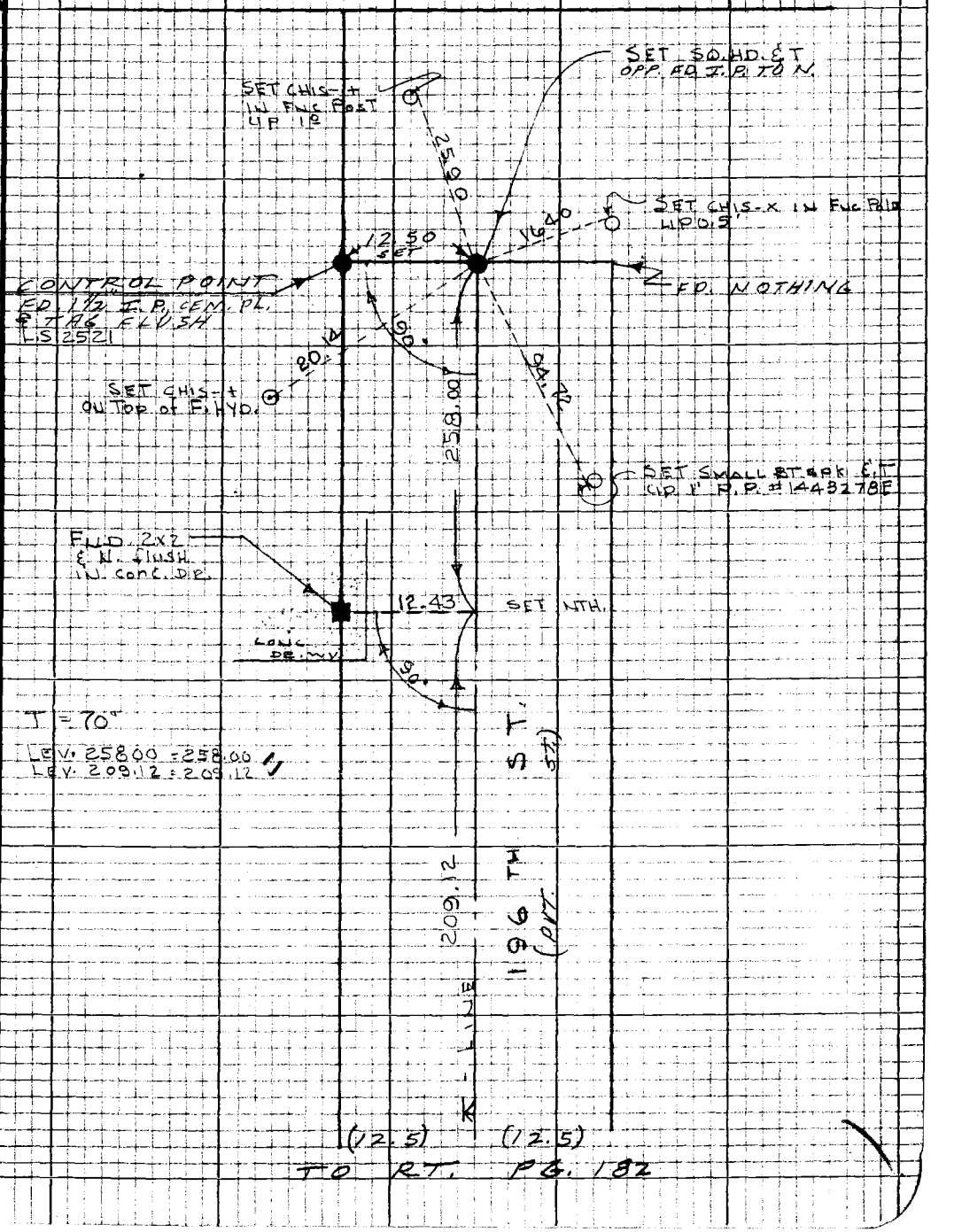
76P2098 CE #310 5-66

F.B. 1969 Pg. 184



Notes Ck'd by: [illegible]	Survey of C.I. 2450.14	F.B. 1969 Pg. 185
Map No.	JN 2450.14 Tape 0186 Std 68 °F	
Office Work	Surveyed by W. A. RICHARDS	
Checked	Notes W.A.R. Date 9-67	
Date	Indexed C. J. GALLI	

W.S. 26, A-5



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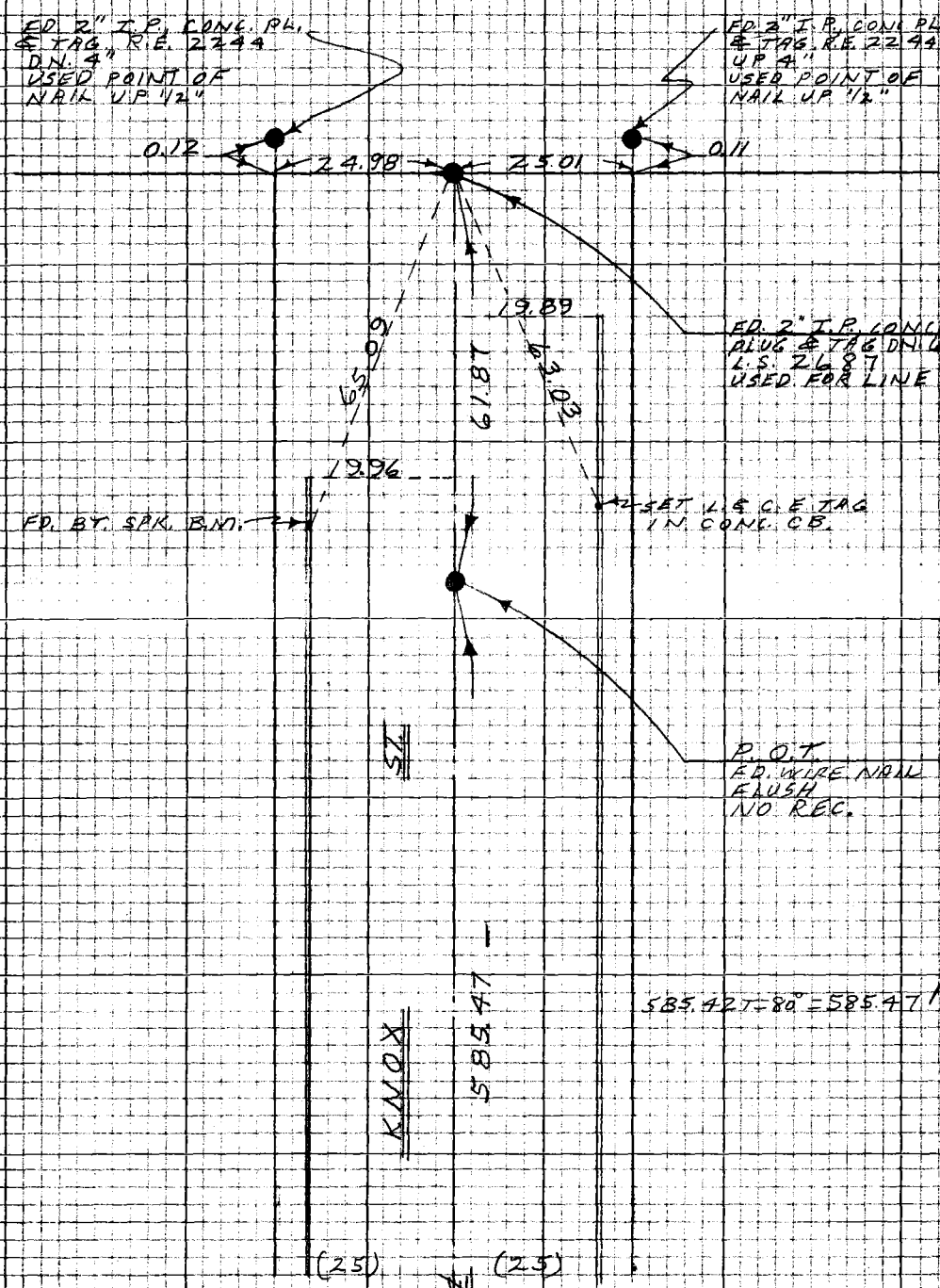
76P3098 CE #310 5-66

F.B. 1969 Pg. 186



FS 28415

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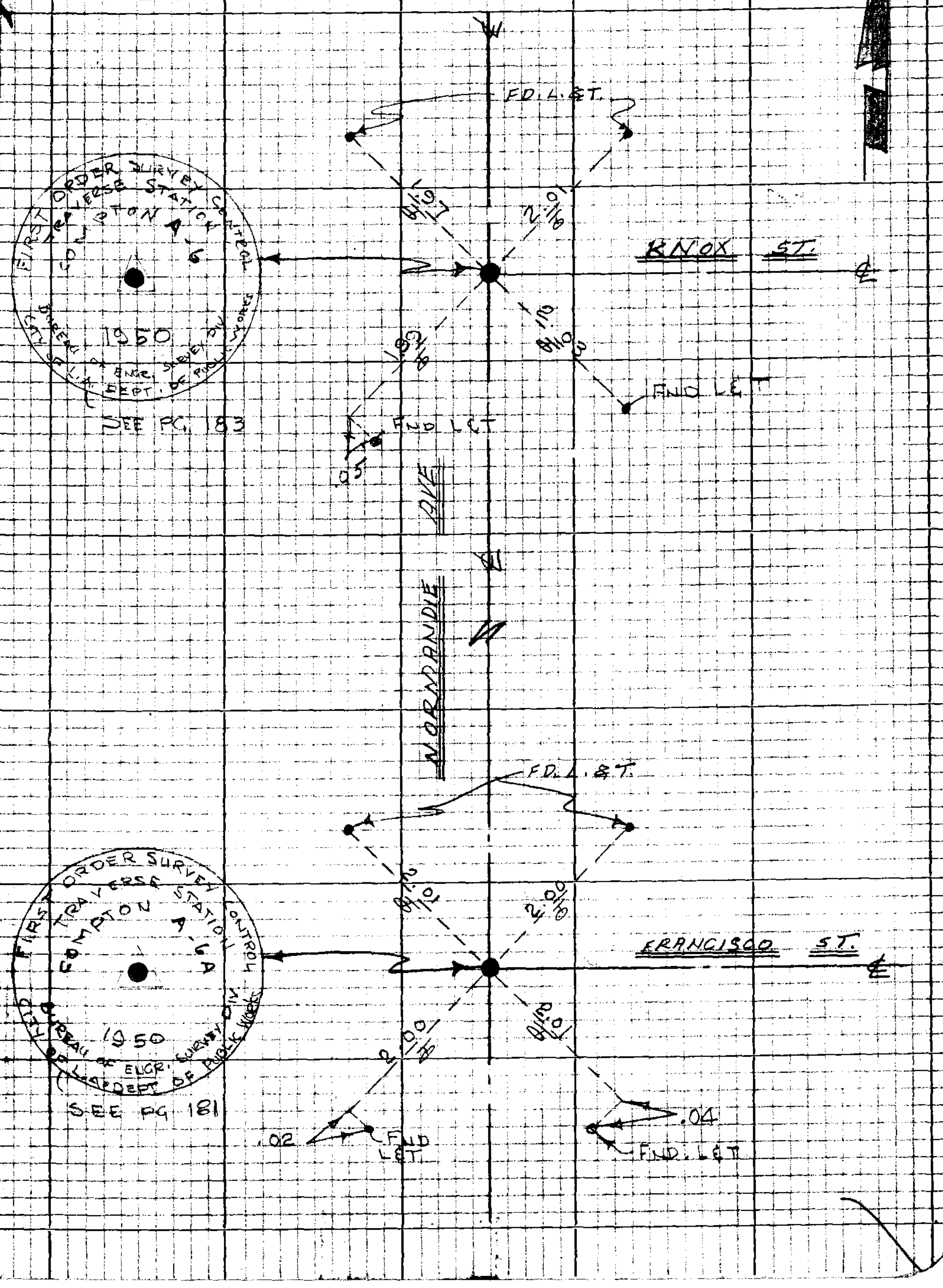
WS 2A-S6 PWFB 0519 822, 823, 824

Notes Ch'd by	Survey of C.F. 245014
Map No.	JN 245014 Tape 0186 Std 68 °F
Office Work	Surveyed by W.A. RICHARDS
Checked	Notes W.A.R. Date 9-67
Date	Indexed C.J. GALLI OCT 9 '67

F.B. 1369 PG. 187



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

F.B. 769 Pg. 188

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403 Los Angeles County Engineering Bldg.

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Notes Ck'd by	Survey of NORMANDIE AVE
Map No.	JN 2250 Tape Std °F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes E. LANDA Date 9-17
Date	Indexed C. J. GALLI

F. B. 1969 PG. 189

NORMANDIE AVE
PRELIMINARY S.S.
J.N. 2250.1A

SEPT 1967

TOPOGRAPHY
NORTH ALONG NORMANDIE AVE
FROM FRANCISCO ST. TO 190TH ST

PARTY:
RICHARDS
LANDA
CROWDER
SOPER

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

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403 Los Angeles County Engineering Bldg.

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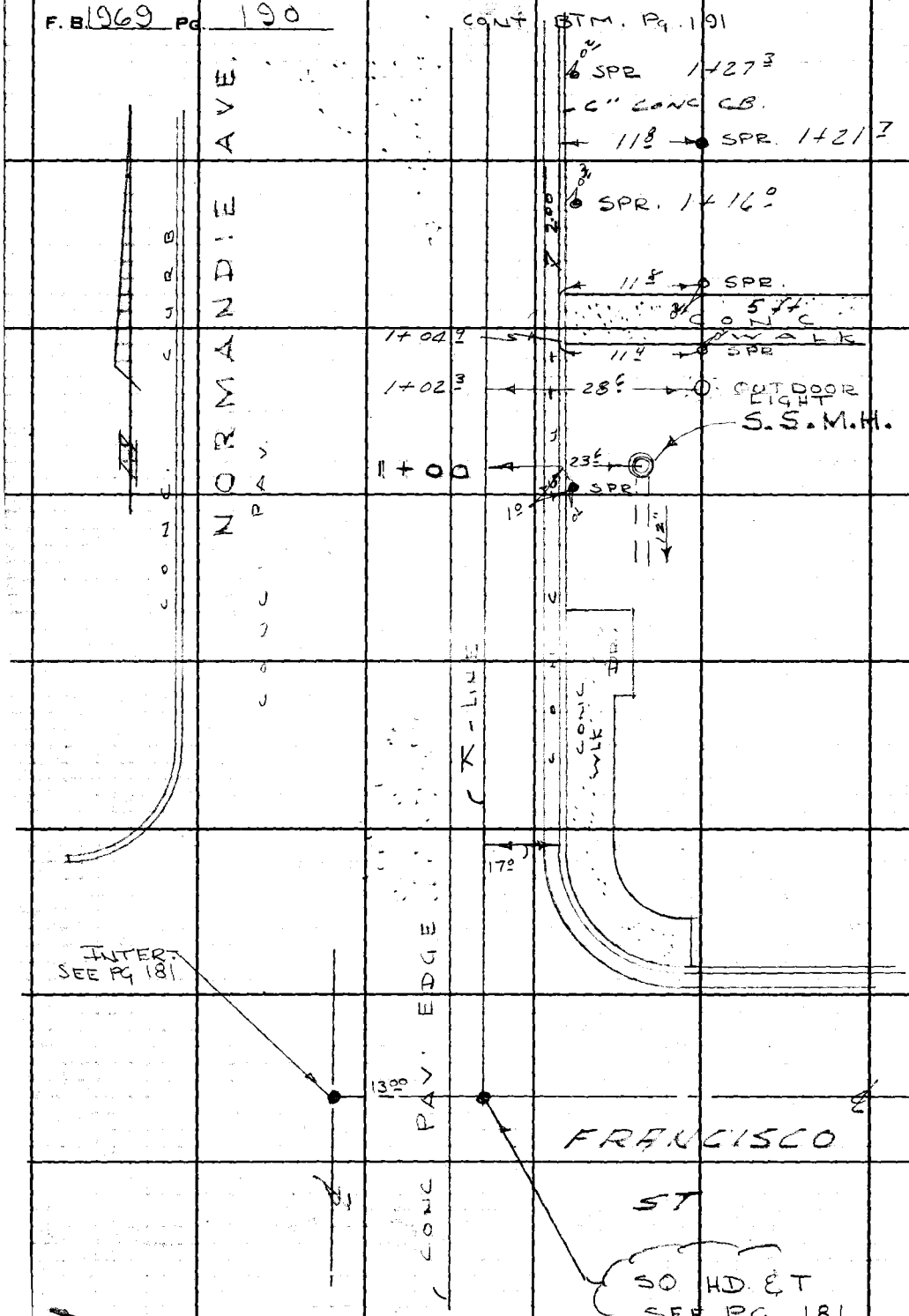
75F309S CE#310 1-65

F. B. 1969 Pg. 190



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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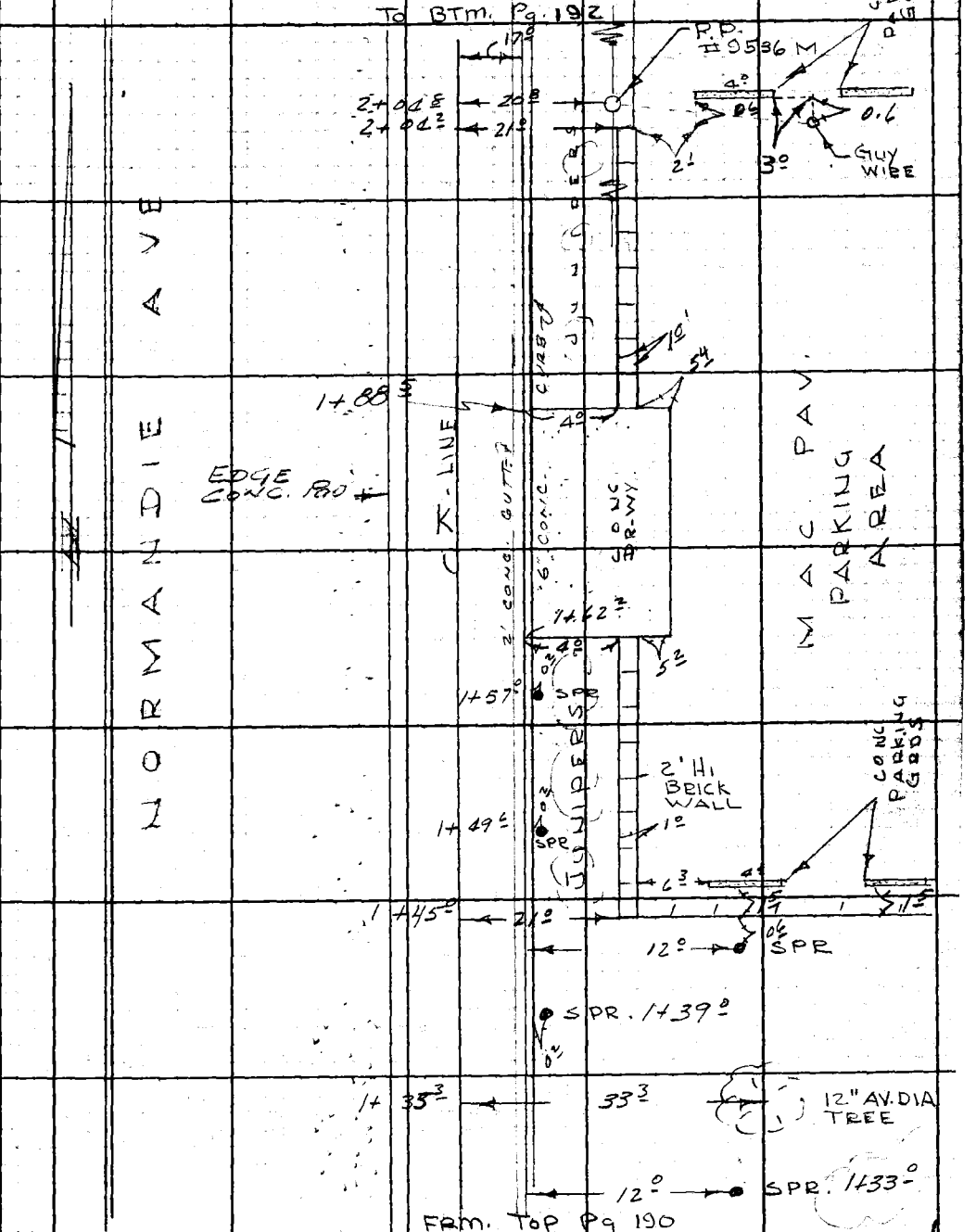
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of NORMANDIE AVE	F. B. 1969 Pg. 191
Map No.	JN 2450-12 Tape Std. °F	
Office Work	Surveyed by W. A. RICHARDS	
Checked	Notes E. LANDA Date 9-67	
Date	Indexed C. J. GALLI	



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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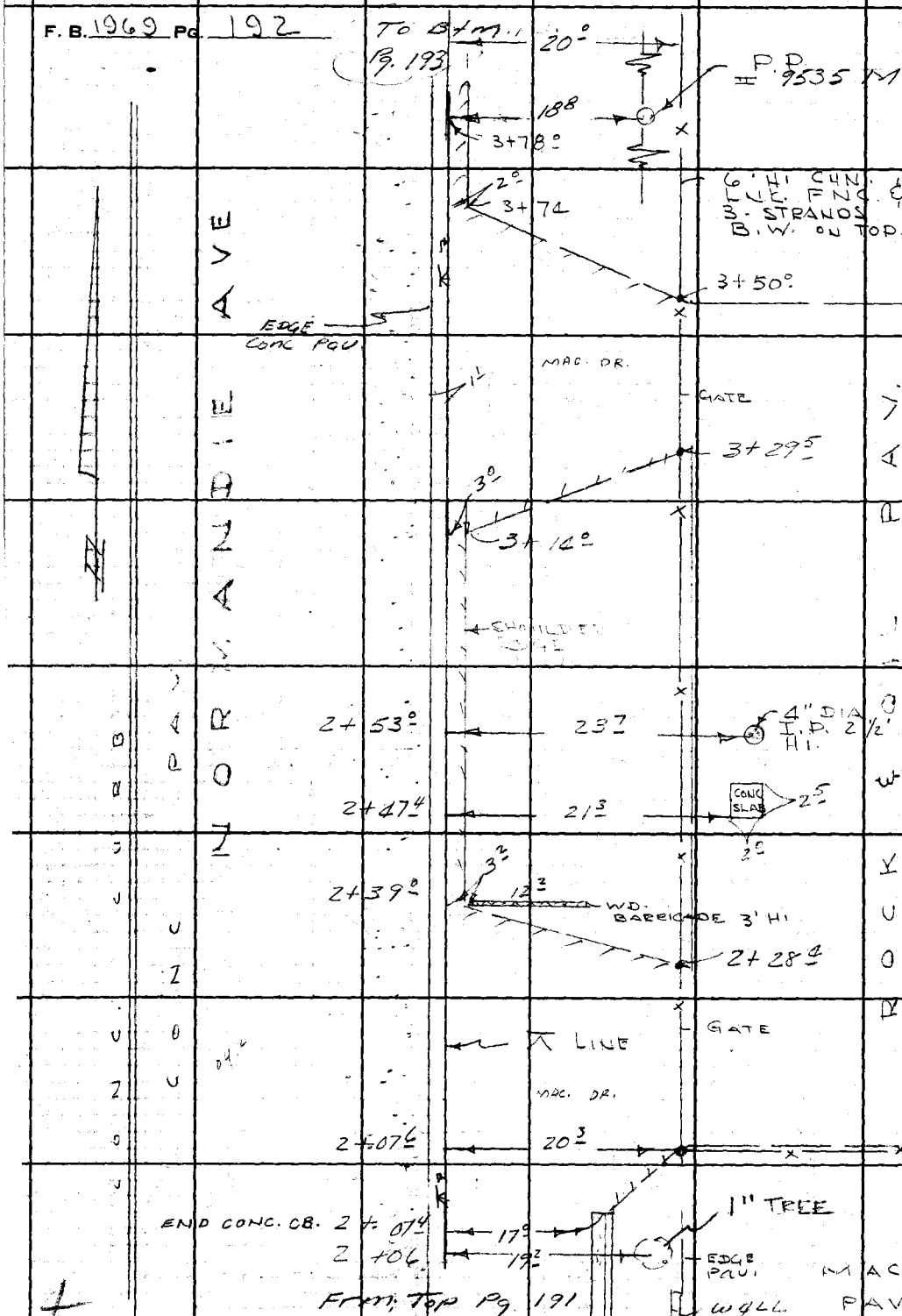
76F309S CE#310 1-65

F. B. 1969 Pg. 192



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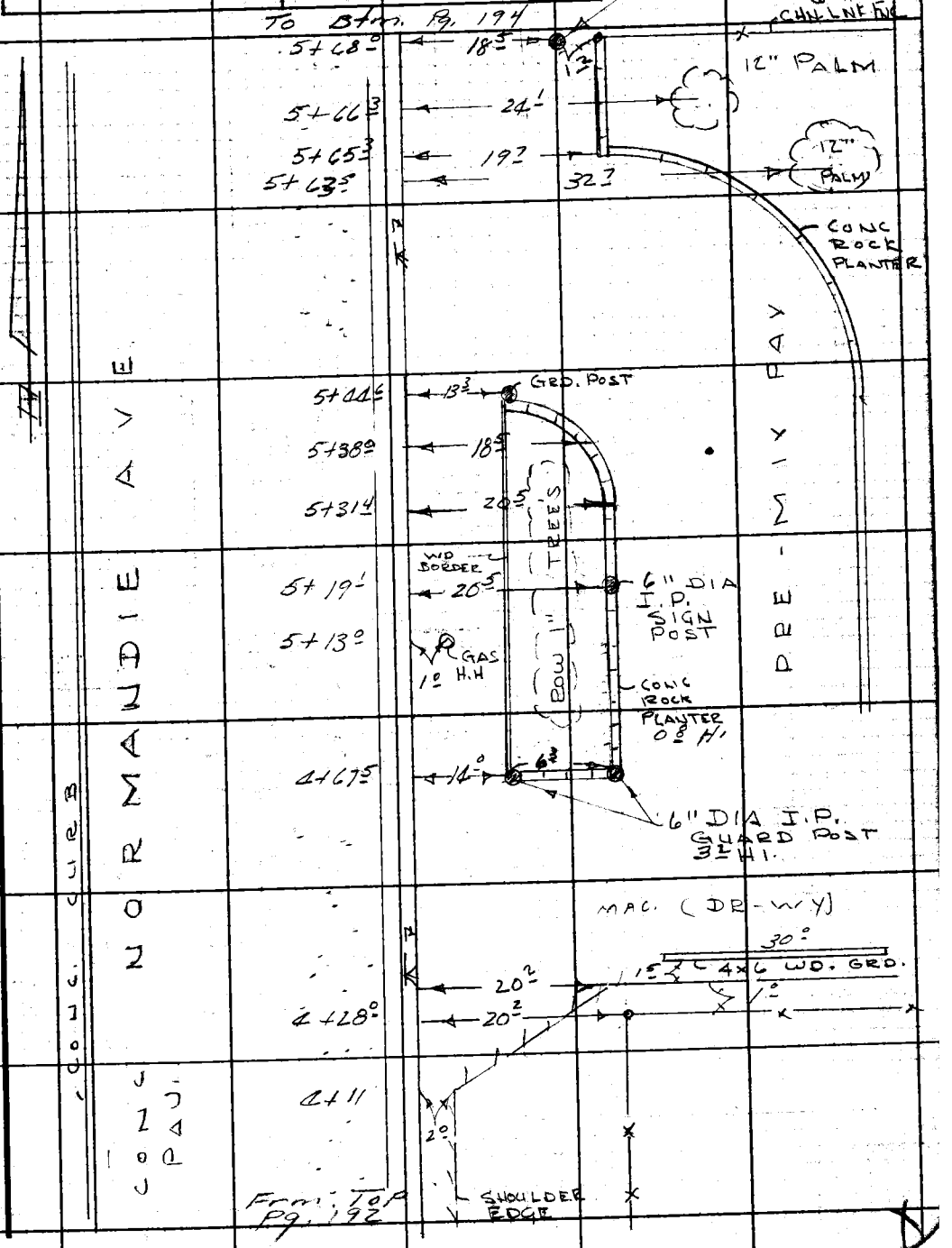
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of NORMANDIE AVE
JN 2450 JG Tape Std °F
Surveyed by W. A. RICHARDS
Notes E. LANDA Date 9-67
Indexed C. J. GALLI

F. B. 1969 PG. 193



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

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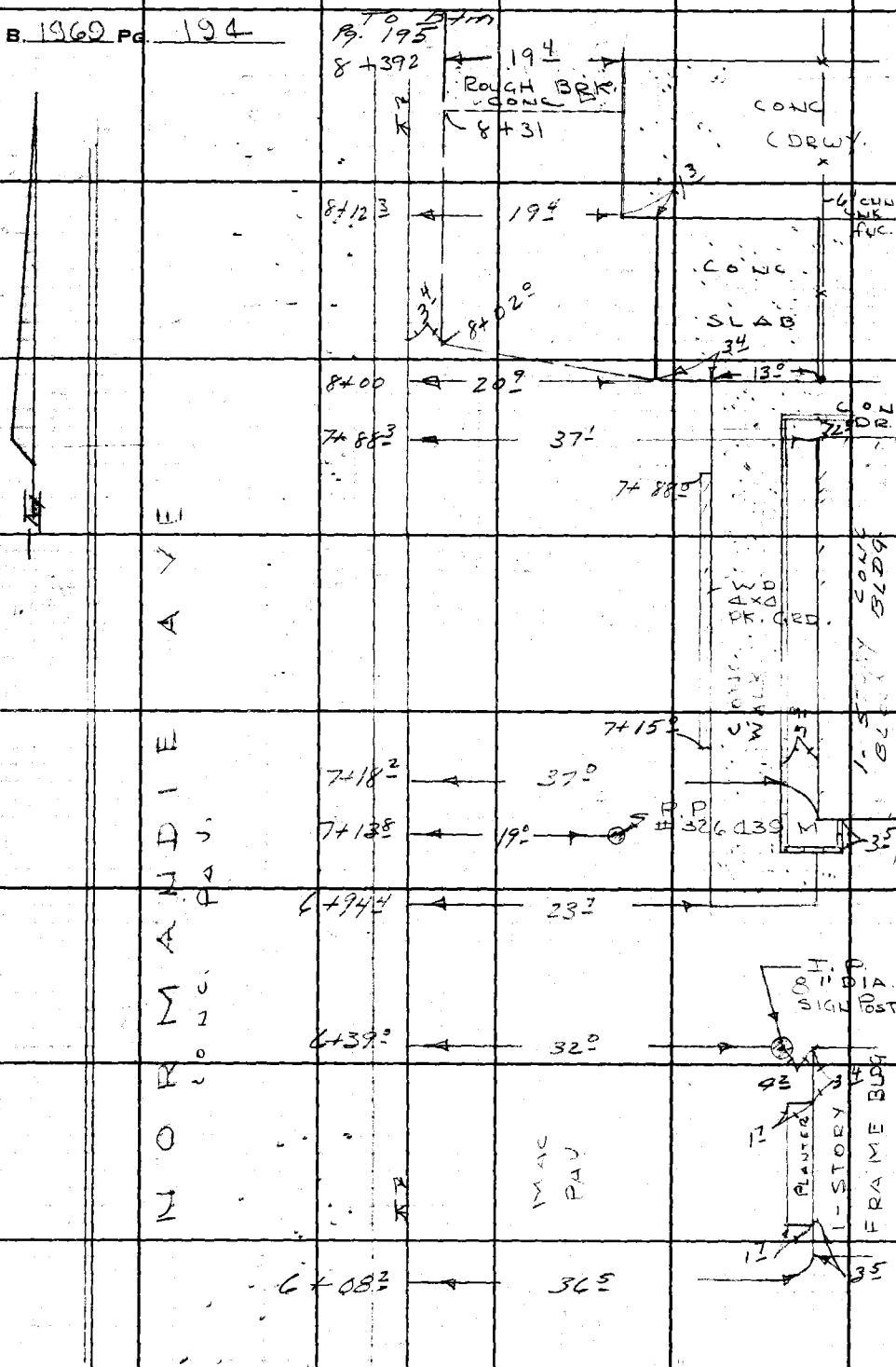
76F309S CE#310 1-65

F. B. 1969 PG. 194



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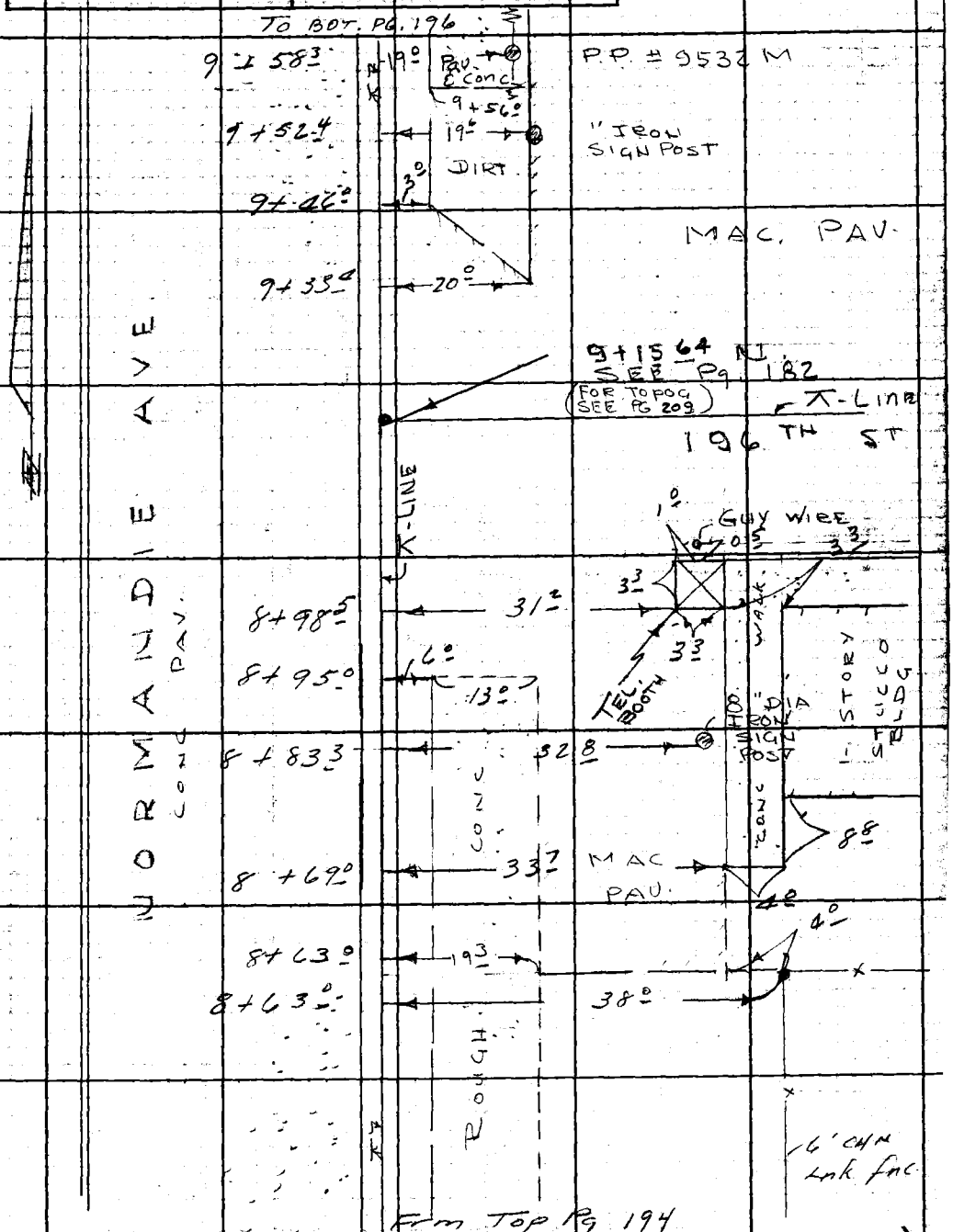
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of NORMANDIE AVE
JN 2450.14 Tape Std °F
Surveyed by W. A. RICHARDS
Notes E. LANDA Date 9-67
Indexed C. J. GALLI

F. B. 1969 PG. 195

TO BOT. PG. 196



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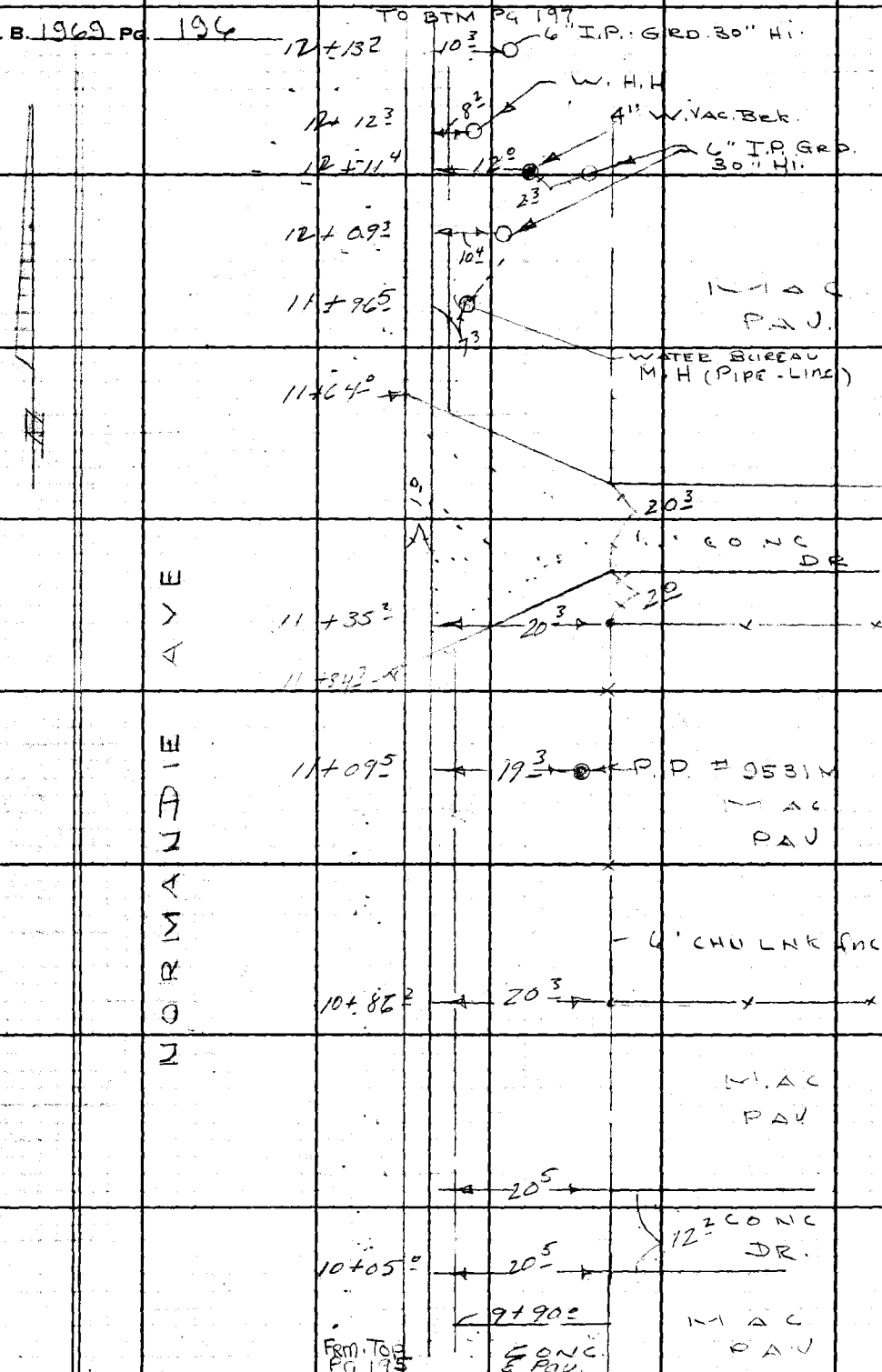
76F309S CE#310 1-65

F. B. 1969 Pg. 196



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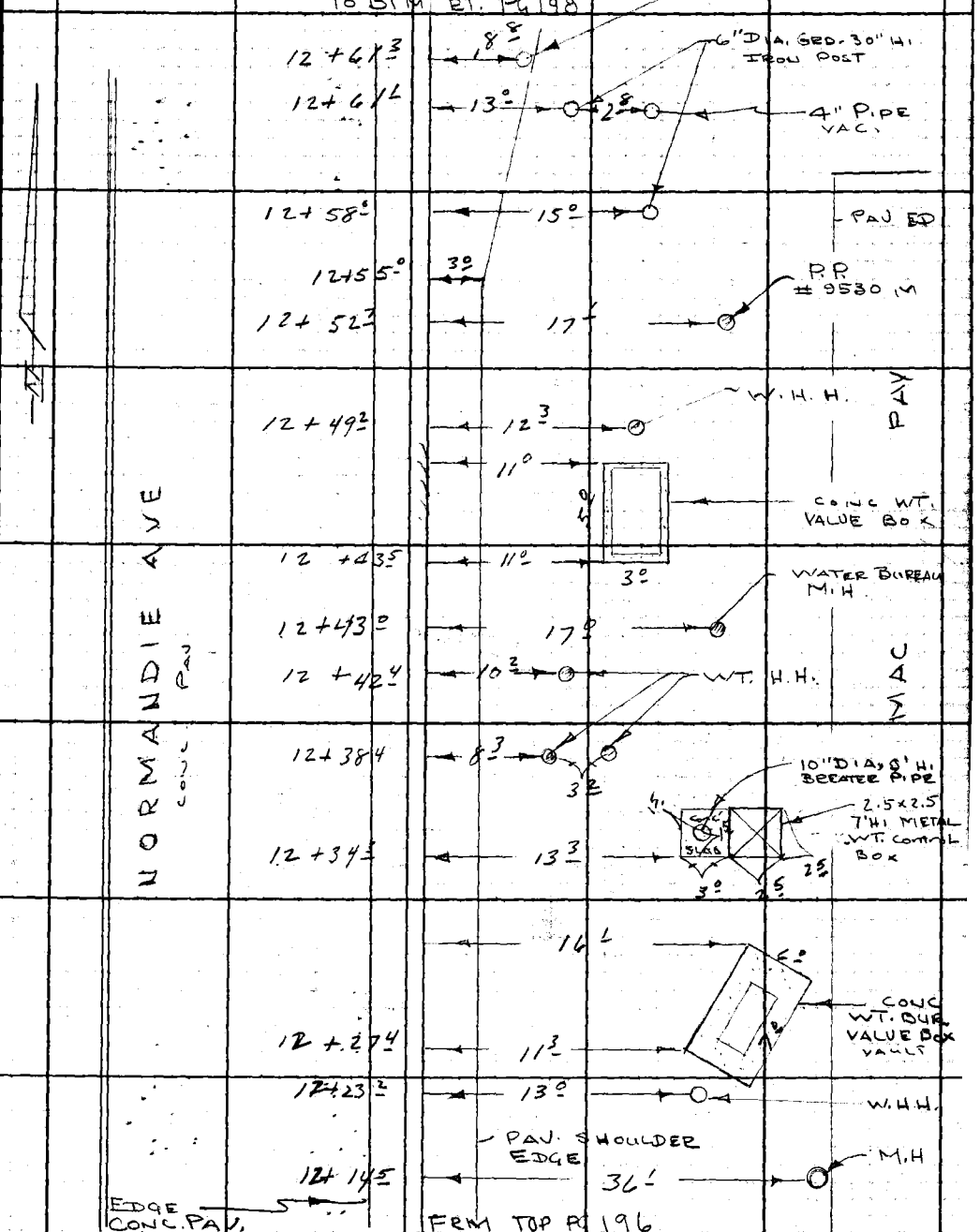
Notes Ck'd by	Survey of NORMANDIE AVE
Map No.	JN 2450-14 Tape Std °F
Office Work	Surveyed by W.A. RICHARDS
Checked	Notes E. Landa Date 9-67
Date	Indexed C. J. GALLI

F. B. 1969 PG. 197



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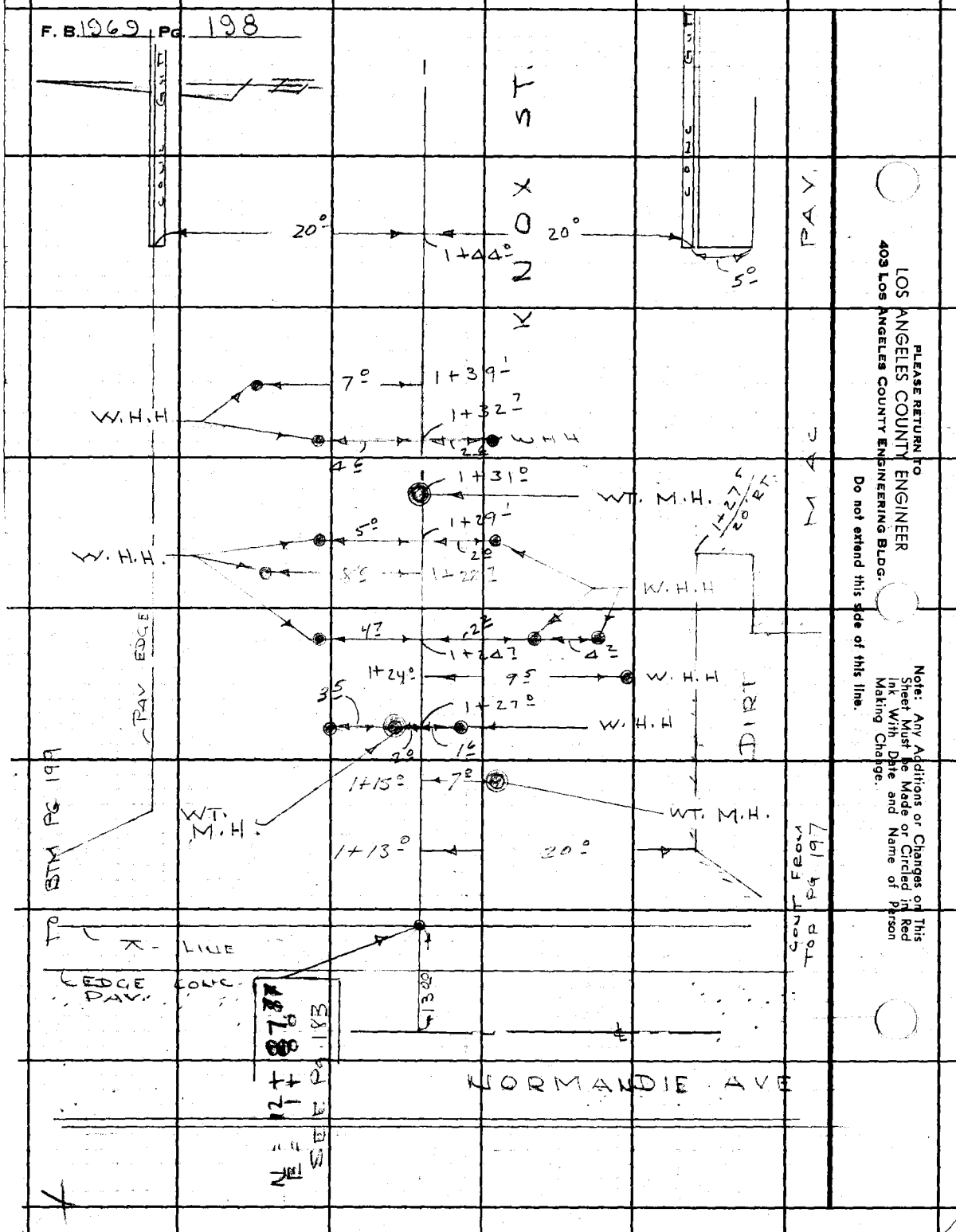
403 LOS ANGELES COUNTY ENGINEERING BLDG.

78F309S CE#310 1-65

F. B. 1969 Pg. 198



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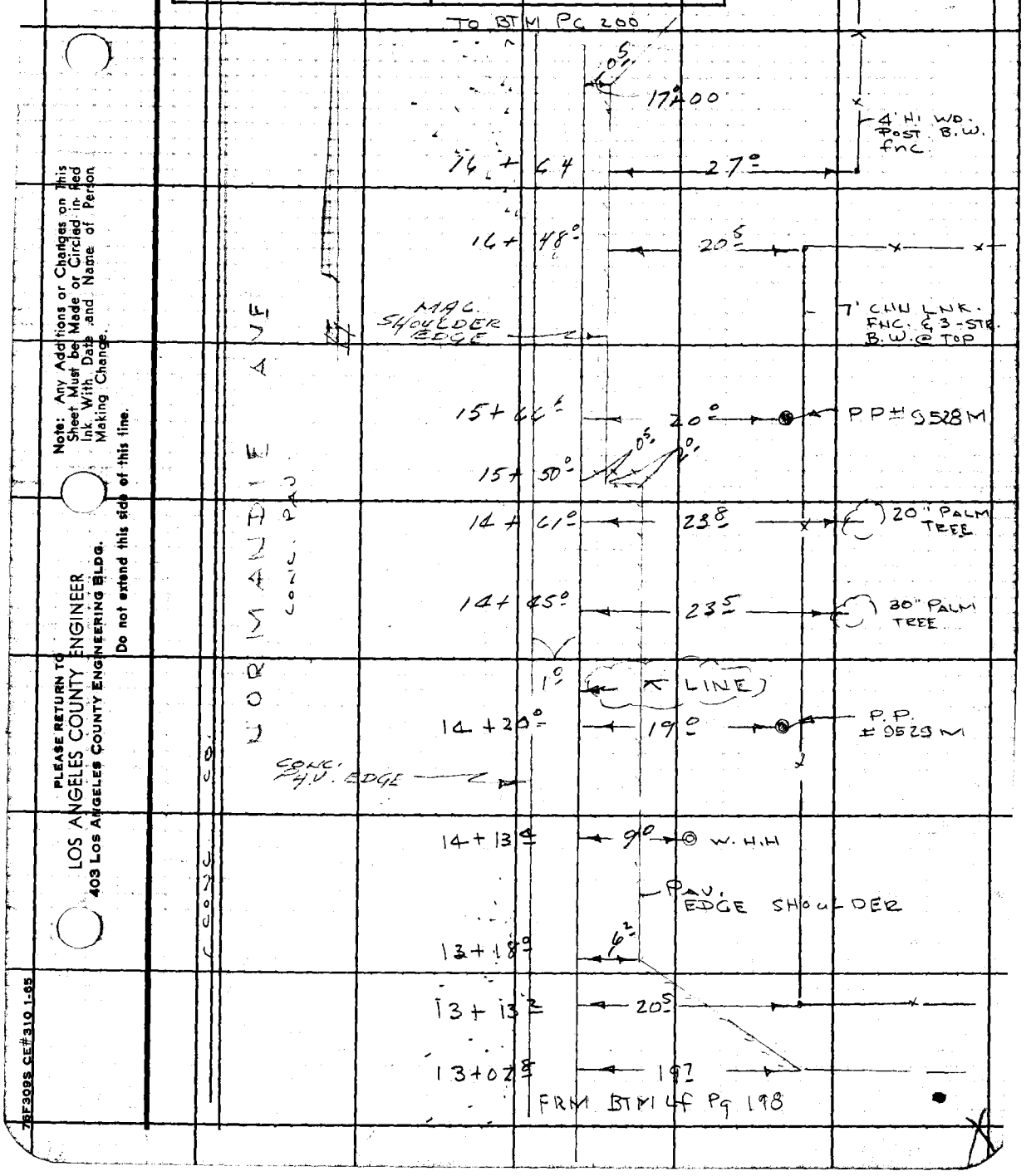
Notes Ck'd by	Survey of NORMANDIE AVE	F. B. 1969 PG. 199
Map No.	JN 2450.14 Tape Std °F	
Office Work	Surveyed by W.A. RICHARDS	
Checked	Notes E. LANDA Date 9-67	
Date	Indexed C. J. GALLI	



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

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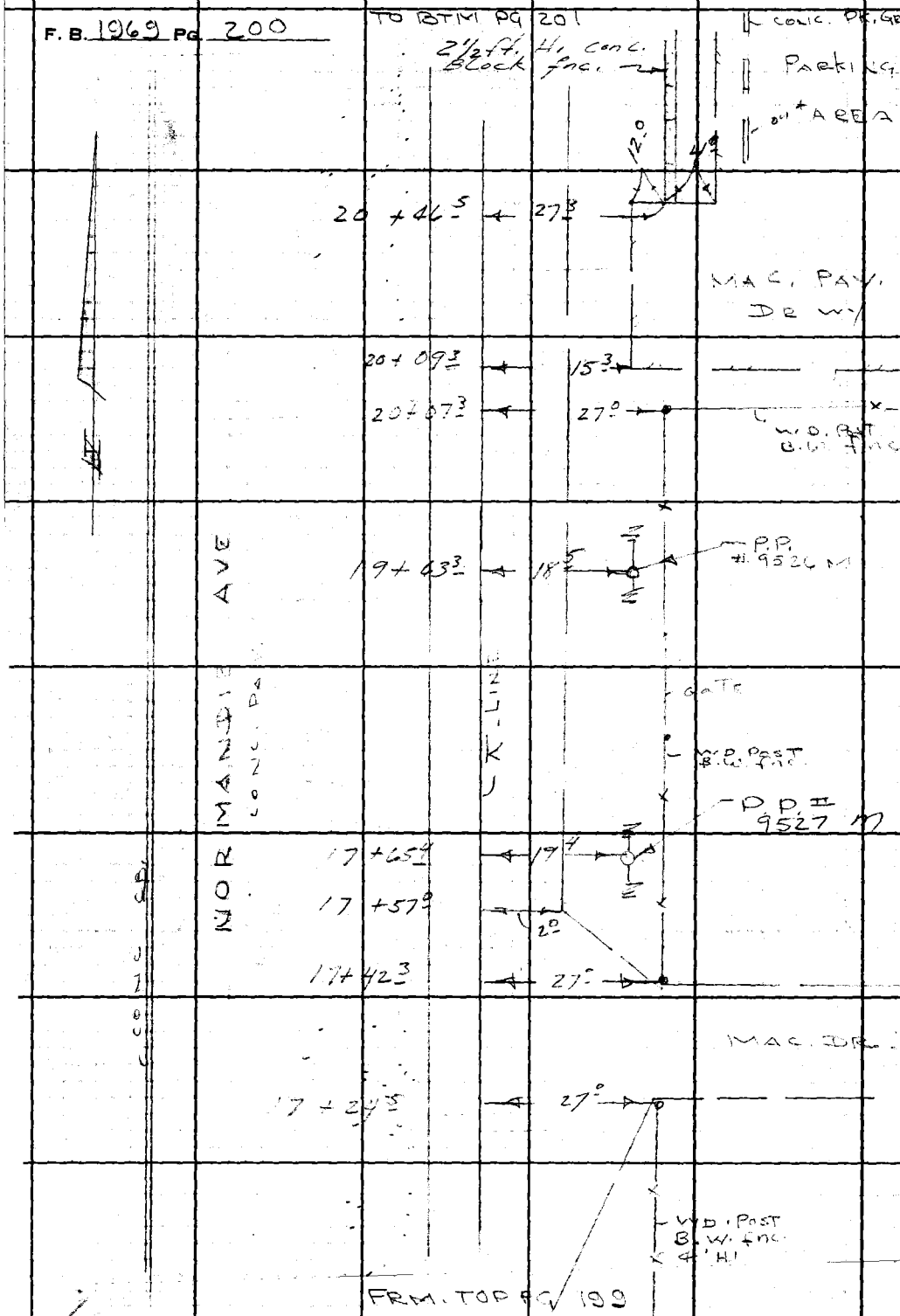
76F309S CE#310 1-65

F. B. 1969 PG. 200



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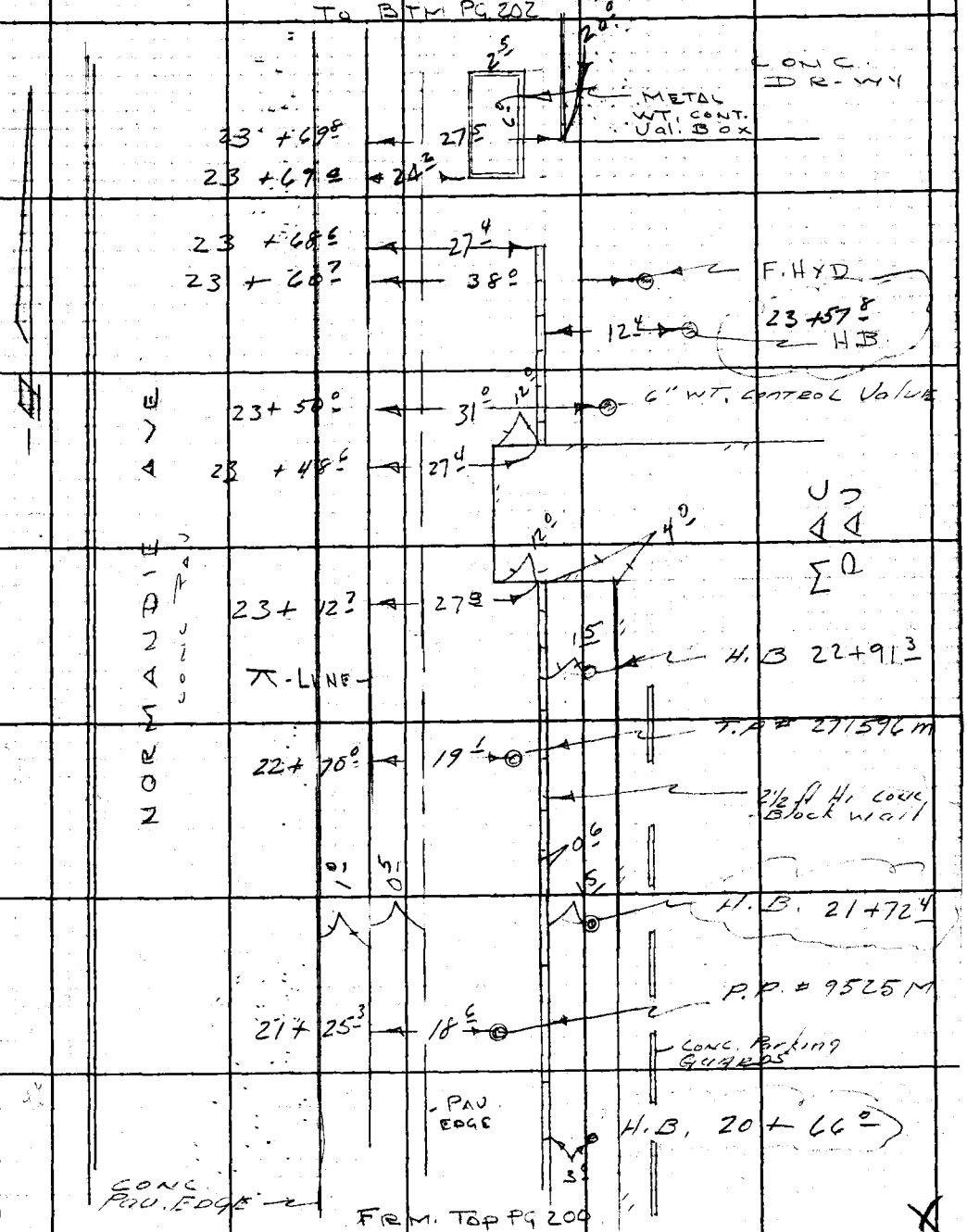
Notes Ck'd by	Survey of NORMANDIE AVE
Map No.	JN 2050.11 Tape Std °F
Office Work	Surveyed by W. A. BICHARD
Checked	Notes R. LANDA Date 9-67
Date	Indexed C. J. GALLI

F. B. 1969 PG. 201

TO BTM PG 202



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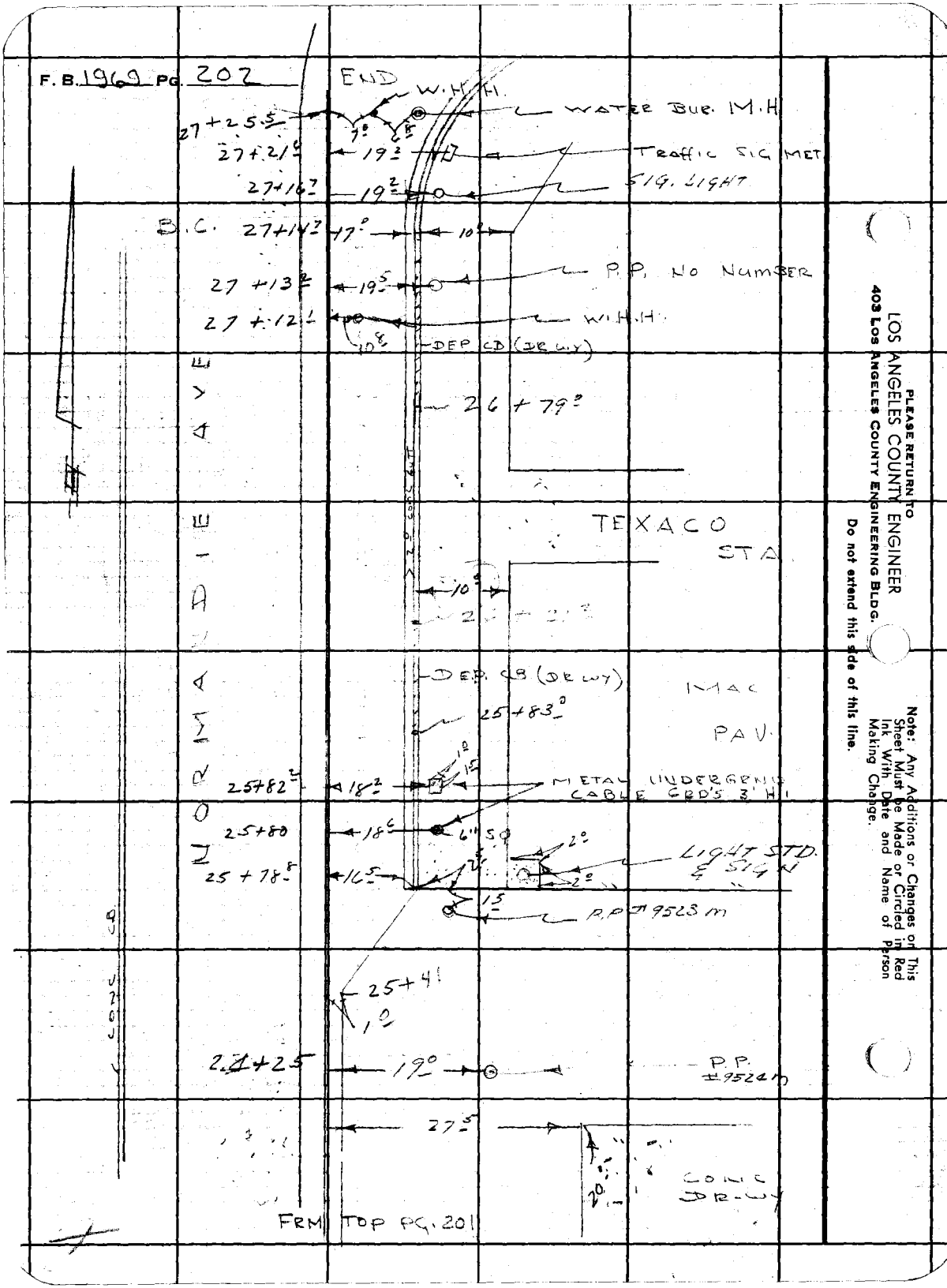
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7BF309S CE#310 1-65


F. B. 1969 PG. 202
END
W.H.H.
WATER BUR. M.H
27+25.5
27+21.6
19.2
TRAFFIC SIG MET
27+16.7
19.2
SIG. LIGHT
B.C. 27+14.7
17.0
10.0
27+13.2
19.5
P.P. NO NUMBER
27+12.1
W.H.H.
10.8
DEP CB (DR WY)
26+79.0
NORMANDIE AVE
TEXACO
STA
10.0
DEP. CB (DR WY)
25+83.0
MAC
PAV.
25+82.2
18.2
METAL UNDERGRND CABLE GRD'S 3' HI
25+80
18.6
6" SQ
2.0
LIGHT STD. & SIGN
25+78.8
16.5
2.0
1.5
P.P. #9523 m
25+41
1.0
24+25
19.0
P.P. #9524 m
27.5
CONC DR-WY
FRM TOP PG. 201
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Profile	Notes Red	Plotted	Job No. 245014	Division No. 11	F.B. 1969	Pg. 203
No.	Date	Date	Survey of NORMANDIE AVE. S.S. PRELIM.			
X-Sec.	Notes Chkd.	Checked	Survey by RICHARDS	Notes W.A.R.	Date 9-67	
No.	Date	Date	Map No.	Indexed C. J. GALLI	Date OCT 9 '67	

J. N. 245014

NORMANDIE AVE.

C.I. 245014.

CROSS-SECTIONS

ON

NORMANDIE AVE.

FROM EXISTING S.S.M.H. 251.85 N. ℄ FRANCISCO ST. TO 190TH ST.

NOTE: OFFSETS SHOWN ARE TAKEN FROM A TRANSIT LINE 13.00 E. OF ℄ NORMANDIE AVE.

RICHARDS
LANDA
CROWDER
SOPER

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
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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F.B. 1969 PG. 204 | Job No. 2450.14 | Division No. 11 | Notes Red ____ Date ____ | Plotted ____ Date ____ | Profile No. ____
Survey of NORMANDIE AVE. | Notes Chkd. ____ Date ____ | Checked ____ Date ____ | X-Sec. No. ____
Survey by RICHARDS | Notes W.A.R.
Indexed C. J. GALLI | Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	NORMANDIE AVE., E. SIDE. LT.	RT.
						FIRST RUN !
B.M. BY 3031				46.57	B.M. BY 3031 EL. = 46.57 FB. 1969-176	
					NORMANDIE AVE., W. SIDE, 492 ± N. ℄ FRANCISCO	
					ST., BT. SPK. IN W. CB., 1° ± S. T.P. # 575844 H	
1+00.00				46.90		17.0 TOP EXIST CB.
"	S.S. M.H.			47.07		23.6 " ℄ " SSMH.
INV., 12" OUTLET		SOUTH		27.21	SOUTH	
					18.86 MEAS. 47.07 RIM	
					+ 1.00 DIA. - 19.86	
					19.86 27.21 INV.	

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	N. ALONG NORMANDIE	
2+00				4691		17° RT. T. Cb
				4736		23.5 " Pav.
2+07.5				4690		17° RT. T. Cb.
3+00				4711		17 " grnd.
"				4712		23.5 " Pav.
4+00				4777		17 " Grnd.
"				4778		23.5 " "
5+00				4776		17° "
				4740		23.5 " Pav.
6+00				4750		17° " Pav.
				4754		23.5 " "
7+00				4752		17°
"				4763		23.5
TP				4780		
8+00				4771		17° RT. Pav.
"				4769		23.5 " "
9+00				4760		17 " "
"				4770		23.5 " "
B.M. Ex 22				4726	B.M. Ex 22 ELEV = 47.258	
					F.B. 1969 Pg 176	
					NORMANDIE	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2450.14 Division No. 11 F.B. 1969 Pg. 203
X-Sec. No. ____ Date ____ Date ____ Survey of NORMANDIE AVE
Notes Chkd. ____ Checked ____ Survey by RICH. Notes E.L. Date 9-27
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 1969 PG. 206 | Job No. 2450.12 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of NORMANDIE AVE Date ____ Date ____ No. ____

Survey by W.A.E. Notes E. LANDA Notes Chkd. ____ Checked ____ X-Sec.

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

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	N. ALONG NORMANDIE	
10+00				[illegible]		17.5 RT gnd
				[illegible].90		33.5 " Pvd.
11+00				[illegible]		17.5 " gnd
				[illegible].51		33.5 " Pvd
12+00				[illegible]		17.5 RT gnd
				[illegible]		33.5 " Pvd
B.M. BY 3030				[illegible].57	B.M. BY 3030	EL= 23.371
					F.S. Pg. 4, 174	
					Normandie Ave & Knox	
E'LY ALONG			LENKER RD		KNOX ST.	
1+22				[illegible]		20' RT T.C.
				[illegible].24	20' LT T.C.	

7

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
CONT.		N'LY		ALONG NORMANDIE AVE		
13+00				4763		17' RT BL
				4753		23.5 " "
14+00				474		17 RT GRND
				474		23.5 " "
15+00				47[illegible]		17 " "
"				47[illegible]		23.5 " "
[illegible]				475		17 " "
"				[illegible]		23.5 " "
T.P.				479[illegible]	TP @ 16'	
17+00				473		17 RT GRND
"				472		23.5 " "
[illegible]				472		17 " "
				473		23.5 " "
19+00				475		17 " "
"				474		23.5 " "
20+00				475		17 " "
"				480		23.5 " "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2250.14 Division No. 11 F.B. 1969 Pg. 207
Date ____ Date ____ Survey of HOLMANDIE AVE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by W. OR Notes R.C. Date 9-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	N. ALONG NORMANDIE AVE	
21+00				4 5		17 RT grnd
"				[illegible]		23.5 " "
22+00				[illegible]		17 RT grnd
"				[illegible]		23.5 " "
TP				35	TP 22	
23+00				[illegible]		17 RT grnd
				[illegible]		23.5 " "
24+00				8		17 " "
				9		23.5 " "
25+00				7		17 " "
				7		23.5 " "
25+78.8				4 5		16.5 RT T. Cb
"				9		26.5 " Bck wlk
26+00				4 41		17.2 " Top Dep cb
"				4 26		27.0 " Bck wlk
27+00				4 29		17 Top Dep cb
				4 06		27 " Bck wlk
27+14.3				4 14		17.2 " Top cb
				4 03		27.0 " Bck wlk
(fnd) B.M. BY 3025				4 34	B.M. BY 3025	EL. = 46.341
					F.B. 1969-178,	NOR. & 190TH INTERST

F.B. 1969 Pg. 208 Job No. 2450.14 Division No. 11 Notes Red Plotted Profile
Survey of NORMANDIE AVE Date Date No. X-Sec.
Survey by W.A.E. Notes E. LANDA Notes Chkd Checked
Indexed Date Date No.

Notes Ck'd by	Survey of NORMANDIE AVE
Map No.	JN 2450.14 Tape Std. °F
Office Work	Surveyed by W.A. RICHARDS
Checked	Notes E.L. Date 9-67
Date	Indexed C. J. GALLI OCT 9 '67

F. B. 1969 PG. 209

NORMANDIE AVE
S.S. PRE.
J.N. 2450.14

SEPT. 1967

TOPOGRAPHY
W'LY ALONG 196TH ST (PRI. ST.)
FROM NORMANDIE AVE TO ST. END

PARTY
W.A. RICHARDS
E. LANDA
J. CROWDER
R. SOPER

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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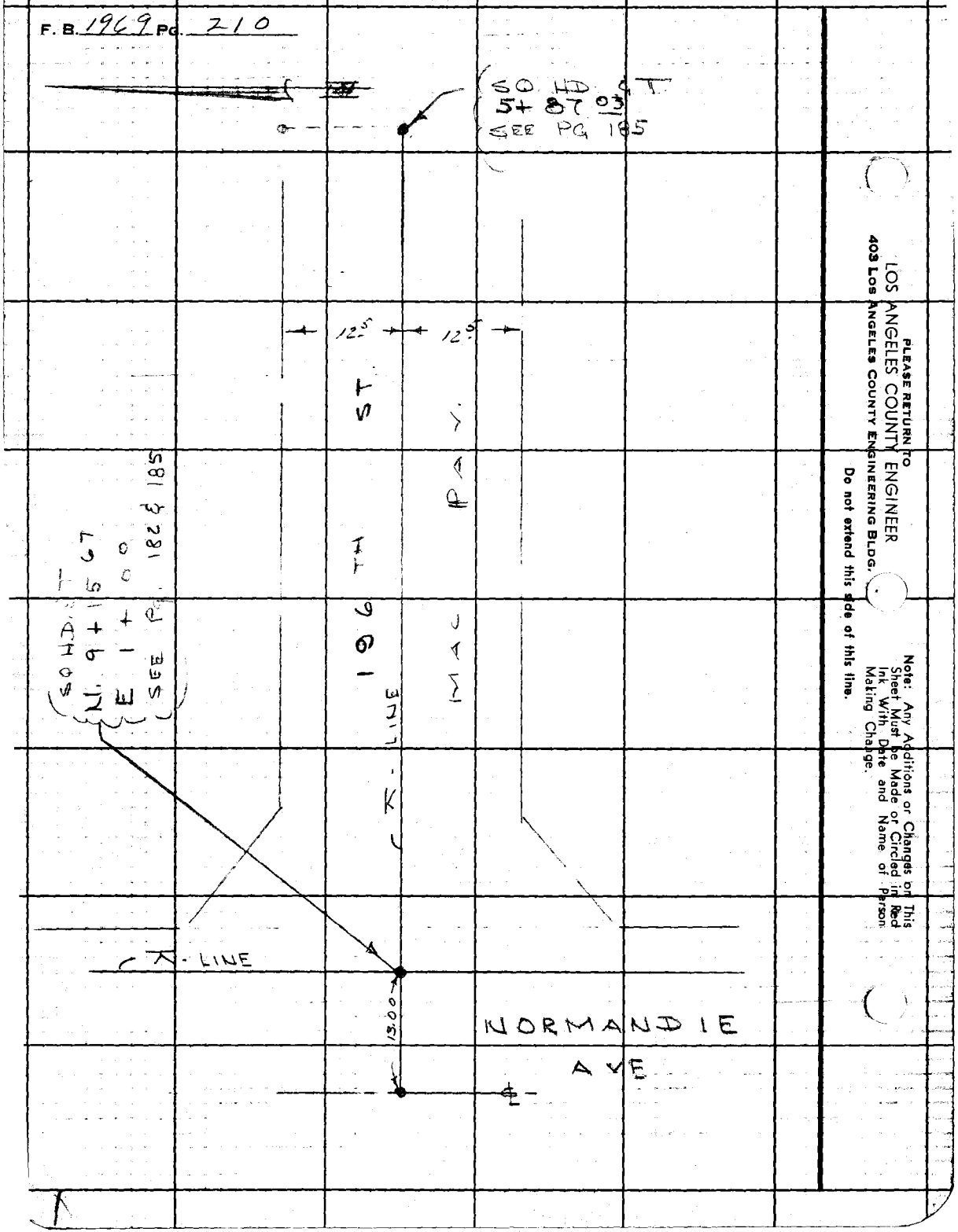
76F3DGS CE#910 1-65

F. B. 1969 Pg. 210



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Profile No.	Notes Red	Plotted	Job No. 2450.14	Division No. 11	F. B. 1969 PG. 211
	Date	Date	Survey of NORMANDIE AVE S.S. PRE		
X-Sec. No.	Notes Chk'd.	Checked	Survey by W.A.R	Notes E.C.	Date 10-67
	Date	Date	Map No.	Indexed C. J. GALLI	Date OCT 9 '67

NORMANDIE AVE
PRELIMINARY S.S.

J.N. 2450.14

CROSS - SECTION

ALONG
196TH ST

ELY along 196TH ST from Normandie AVE to ST. END

NOTE: ELEV.S TAKEN 6 25' NORTH OF ⊼ -LINE

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

RICHARD
LANDA
CROWDER
SOPER

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76-L-298 CE 307 5-66

F. B. 1969 PG. 212 Job No. 2450.12 Division No. 11 Notes Red ____ Plotted ____ Profile
Survey of NORMANDIE S.S. PCE Date ____ Date ____ No. ____
Survey by W.A.R. / [illegible] GALL Notes E.L. Notes Chk'd. ____ Checked ____ X-Sec.
Indexed ____ Date 10-69 Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	ELY ALONG 196TH ST. (625 N. of T-LINE)	
B.M. EX-42				47.26	B.M. EX.42, EL =	47.258 (1ST RUN)
		LENKER ROD			F.B. 1969-176. NORMANDIE AVE W. SIDE @ 196TH ST, BT. SPK. IN CB. 5' S. of ℄ PROD.	
1 + 00				27.82	S.S.	LINE
1 + 07				[illegible]	"	F.L.
1 + 19				[illegible] 5	"	PK
2 + 00				[illegible]	S.S.	LINE
3 + 00				[illegible] 7	"	"
4 + 00				[illegible]	"	"
5 + 00				[illegible] 9	"	"
5 + 87.03				[illegible] 5	"	"
B.M. EX 41				[illegible]	B.M. EX 41 EL =	26.505
					F.B. 1969-176,	FOR DESCR.
					SEE PG. 176	

City of Gardena B.M.

SPK. in P.P. # 544463 H
S. side of Rosecrans.
Second P.P. east of Van Ness
El. 46.86.

El. of 18" San. Sewer
North inlet at M.H.
at Rosecrans & Van Ness. 28.64

18" outlet at 1st M.H.
N. of Rosecrans on Van Ness.
29.22

Therefore, Comparing
elevations to F.B. 1969,
Gardena is .62 or .61 ft.
above our datum.

6961