Notes Ck'd by	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F.B. 3222 Pg.

Page	Job	Description
		LAKE HUGHES RD. 0096.48
5-6	Index	
7-16	P-line	P-line & section intersections.
17-66	B.M.	Bench levels & horiz. & vert. control.
67-82	Transit	A search for points or other evidence in RS 42-98.
83-96	C.L.	Ave. G to Ave. H per Fairmont Tract.
97-104	Topo.	Locate existing traveled rd. from H-8 south to G-Fairmont Area.
105-112	B.M.	Bench levels.
113-116	C.L.	Proposed ℄ at Ave. G.
117-134	X-Sec.	On 170th St. W.
135-174	Prof.	Profile for aerial check.
177-207	Sec. Lines	170th St. West Section & ¼ Sec. cor. ties. Avenue H to Avenue A.

Microfilmed Feb. '85

160th STREET WEST 0097.50

219-220	Index	
221-259	C.L.	survey betw. Ave. D. & Lancaster Rd.

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7693093 CE #310 8-65

Notes Ck'd by	Survey of LAKE HUGHES RD
Map No.	JN 009648 Tape 216 Std 64 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R C D. Date 2-25-65
Date	Indexed C. J. GALLI NOV 17 '65

F. B 3222 PG. 5

LAKE HUGHES ROAD

(170TH ST WEST)

JN 009648

FEB 1965

NEAR FAIRMONT RESERVIOR
FROM 170TH ST W. & LANCASTER RD. -
SWLY. TO PINE CYN ROAD

REF

FB 2222-41, 93, 112
CSB 1421-2
FB 754-158-165
FB 6-1118, 1119
FB 2412-44-46
FB 2437-50-53

PARTY

R C DALE
C W ADAMS
B R JACKSON
R.A. SWANN
I.T. RANGEL

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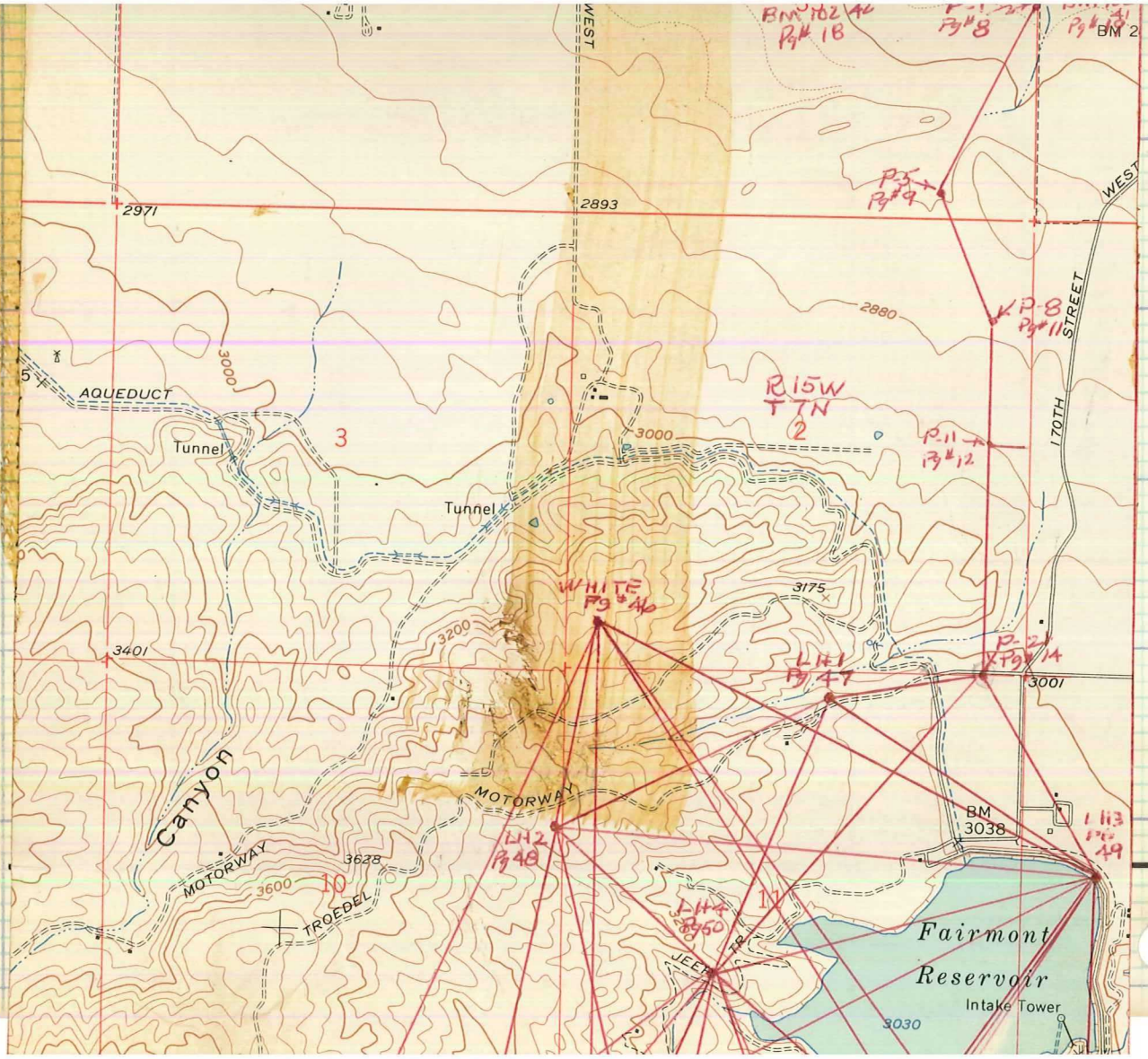
76F309S CE #310 6-62



B. 3222 PG. 6

INDEX

Notes Ck'd by	Survey of Lake Hughes Rd
Map No.	JN 0096.48 Tape 216 Std 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 2-25-65
Date	Indexed C. J. GALLI MAR 1 7 '65

F. B. 3222 PG. 7

LAKE HUGHES ROAD

(170TH ST WEST)

JN 0096.48

FEB 1965

"P" LINE & SECTION LINE INTERSECTIONS FROM 170TH ST WEST & LANCASTER RD WEST TO INTERSECTION ON EAST-WEST SECTION LINE, SECTION 2 & 11 T7N R15W

REF

F B 2222-41,112,93
C S B 1421-2
F B 754-158-165

PARTY

R.C. DALE
C.W. ADAMS
B.R. JACKSON
R.A. SWANN
I.I. RANGEL

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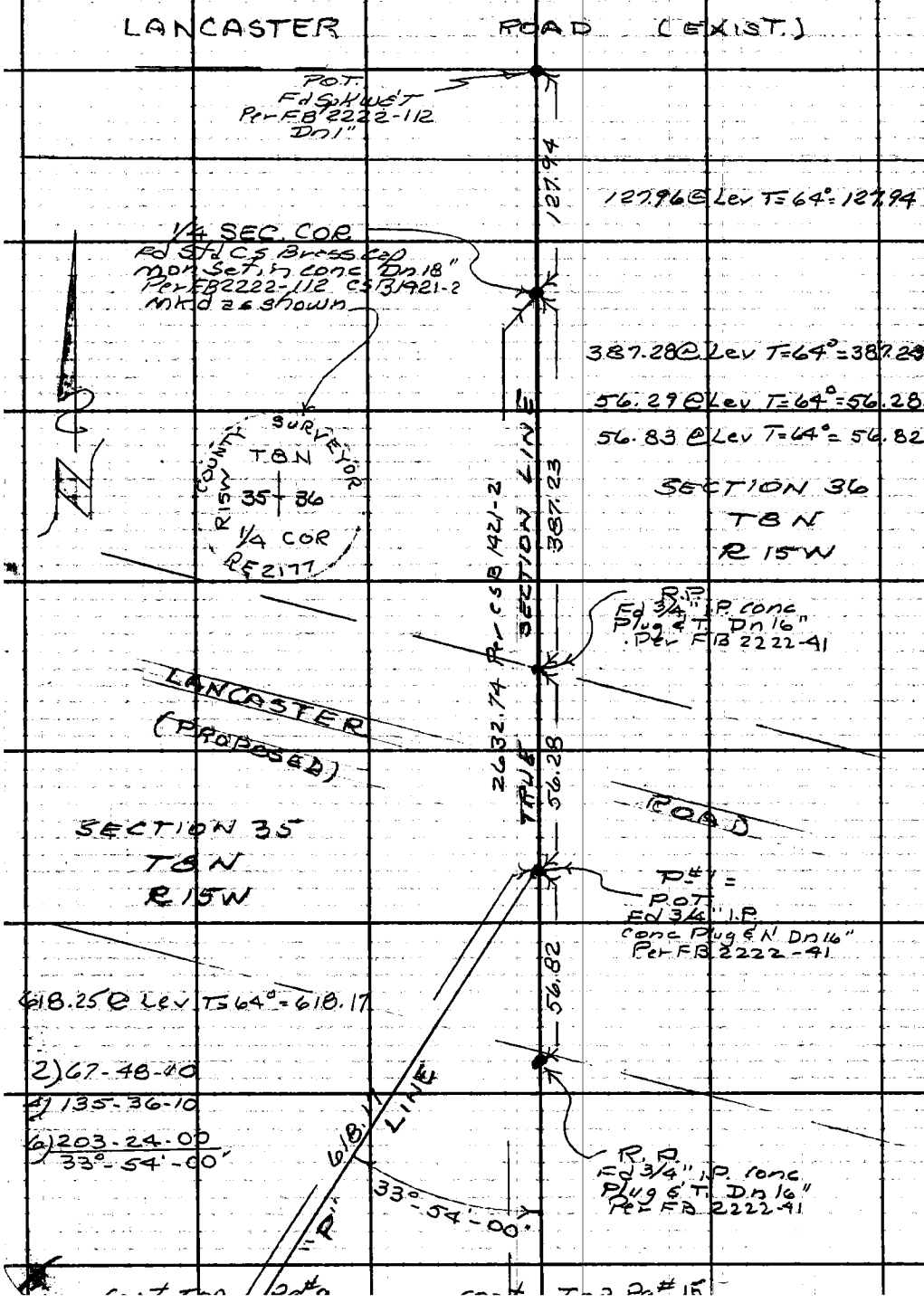
70F309S C.E. #310 10-62

F. B. 3222 Pg 8

WS721 A-3



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Office Work	Surveyed by R.C. Dale
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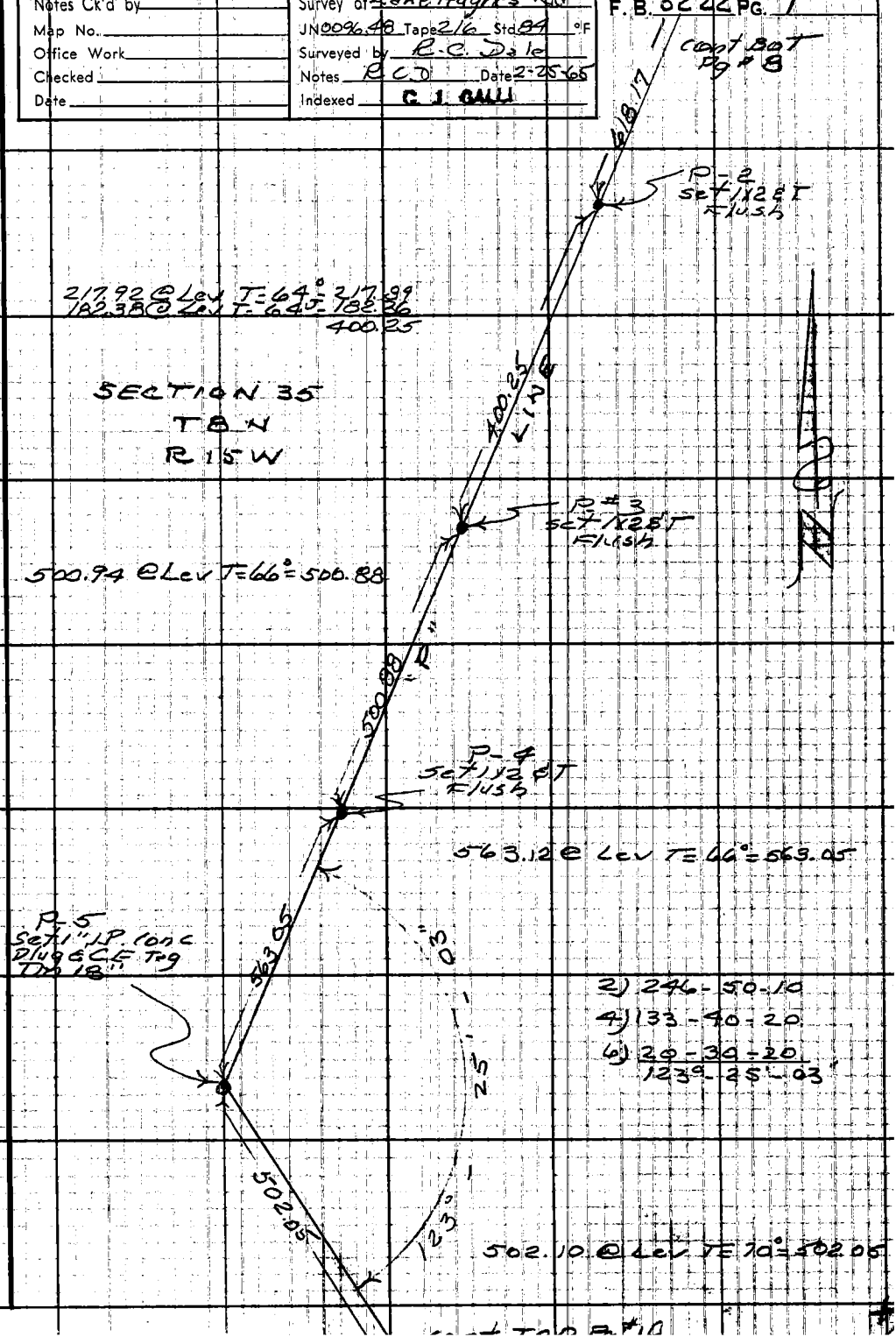
Date	Indexed C. J. GALLI

F.B. 3222 PG. 9



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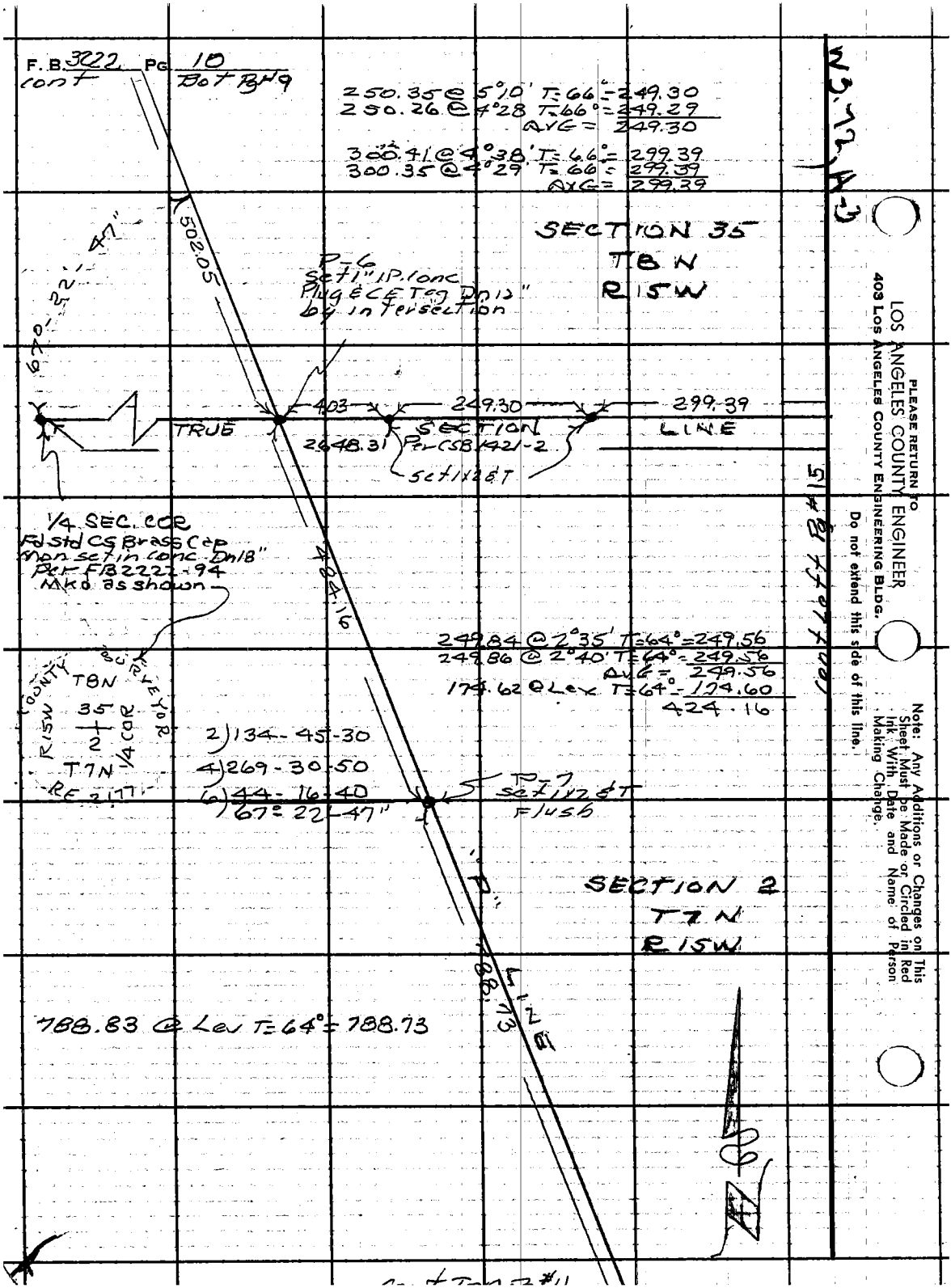
F.B. 3222 Pg 10
cont
Bot Pg #9
250.35 @ 5°10' T=66° = 249.30
250.26 @ 4°28 T=66° = 249.29
AVG = 249.30
300.41 @ 4°38' T=66° = 299.39
300.35 @ 4°29' T=66° = 299.39
AVG = 299.39
SECTION 35
T8N
R15W
502.05
P-6
Set 1" IP. Conc
Plug & CE Tag Dn 12"
by intersection
67° 22' 47"
403
249.30
299.39
TRUE
SECTION
LINE
2648.31
Per CSB 1421-2
Set 1x2 & T
1/4 SEC. COR
Fd Std CS Brass Cap
Mon set in conc Dn 18"
Per FB 2222-94
Mkd as shown
484.16
249.84 @ 2°35' T=64° = 249.56
249.86 @ 2°40' T=64° = 249.56
AVG = 249.56
174.62 @ Lev T=64° = 174.60
424.16
COUNTY SURVEYOR
T8N
R15W
35
2
1/4 COR
T7N
RE 2177
2) 134-45-30
4) 269-30-50
6) 44-16-40
67° 22' 47"
P-7
Set 1x2 & T
Flush
SECTION 2
T7N
R15W
788.73
LINE
788.83 @ Lev T=64° = 788.73
cont Left Pg #15
W3.72 A-3
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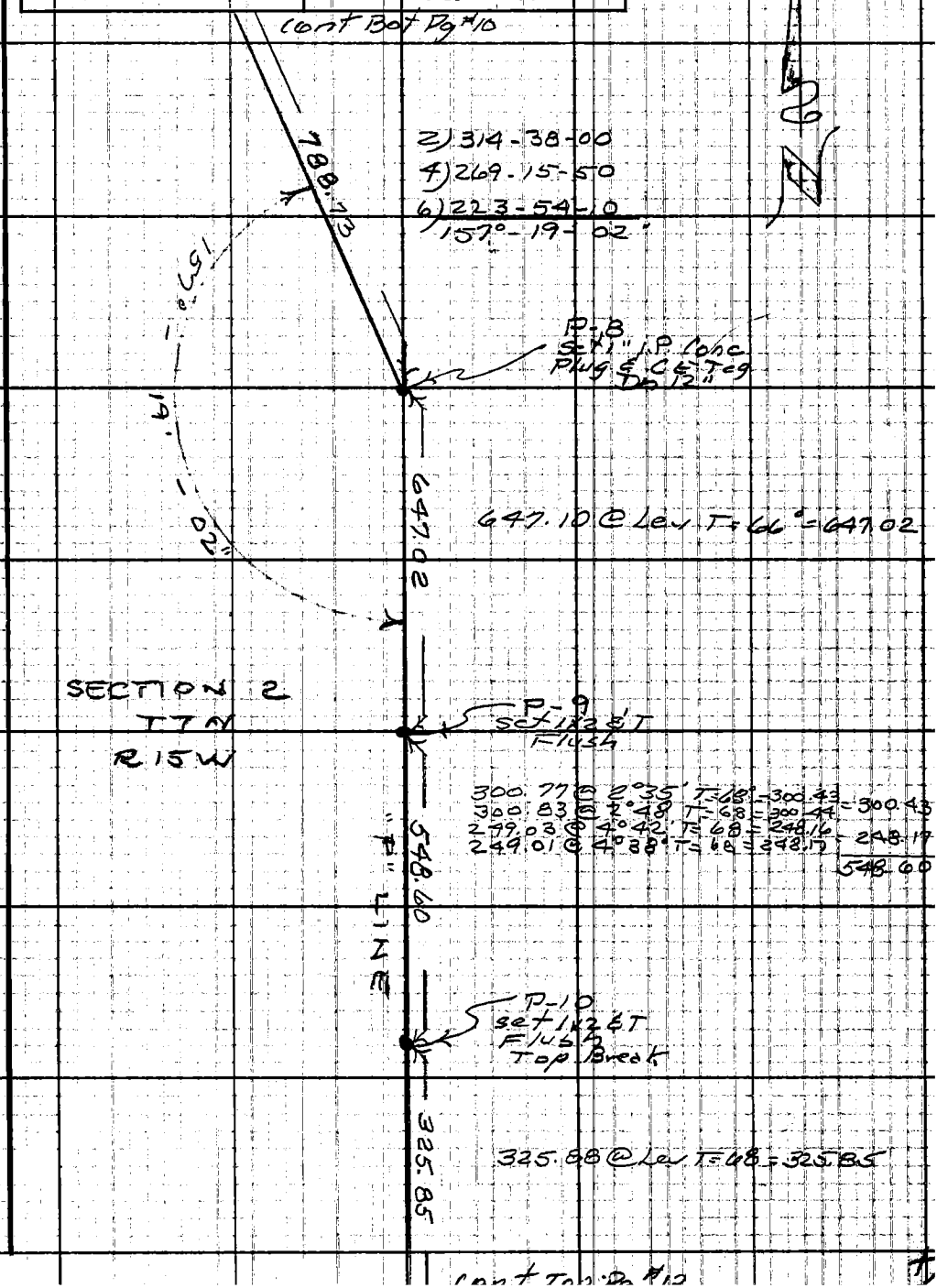
Notes Ck'd by	Survey of Lake Hughes Rd	F. B. 3222 PG. 11
Map No.	JN 0096.48 Tape 216 Std 84 °F	
Office Work	Surveyed by R. C. Dale	
Checked	Notes R C D Date 2-25-65	
Date	Indexed C. J. GALLA	

cont Bot Pg #10



cont Top Pg #12

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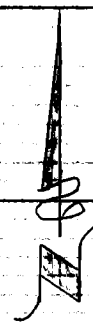
F. B. 3222 Pg. 12



325.85

P-11
Set 1" I.P. 1 on c
Plug & CET 9
Dn 12"

500.00

98

73.74 @ Lev T=70° = 73.73

73.73

P-12
Set 1" I.P. 1 on c
Plug & CET 9
Flush
on Fence Line

300.87 @ 4°45' T=68 = 299.81
300.90 @ 4°46 T=68 = 299.82
AVG = 299.81

299.81

"P" LINE

SECTION 2
T7N
R15W

P-13
Set 1x2 & T
Flush
Sidehill

416.45

300.54 @ 5°36 T 72° = 299.09
300.66 @ 5°51 T=72° = 299.07 = 299.08
118.05 @ 6°09 T=72° = 117.36
117.97 @ 5°45 T=72° = 117.37 117.37
416.45

Cont Left Pg #15

Cont Top Pg #13

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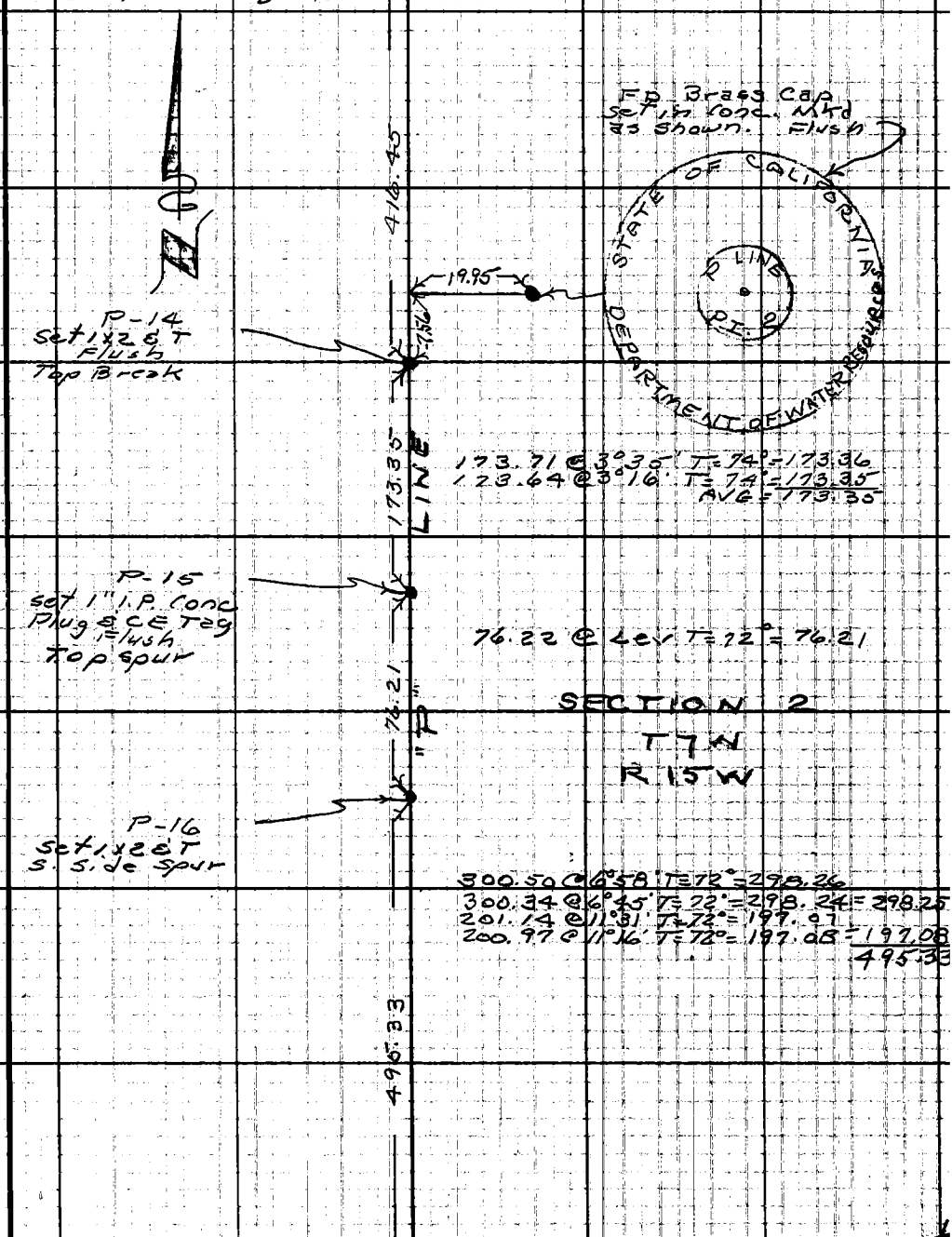
Notes Ck'd by	Survey of Lake Hughes Rd	F.B. 3222 PG. 13
Map No.	JN 0096.48 Tape 216 Std 84 °F	
Office Work	Surveyed by R.C. Dale	
Checked	Notes R.C.D. Date 2-25-65	
Date	Indexed C. J. GALLI	

cont Bot Pg #12



cont Top Pg #14

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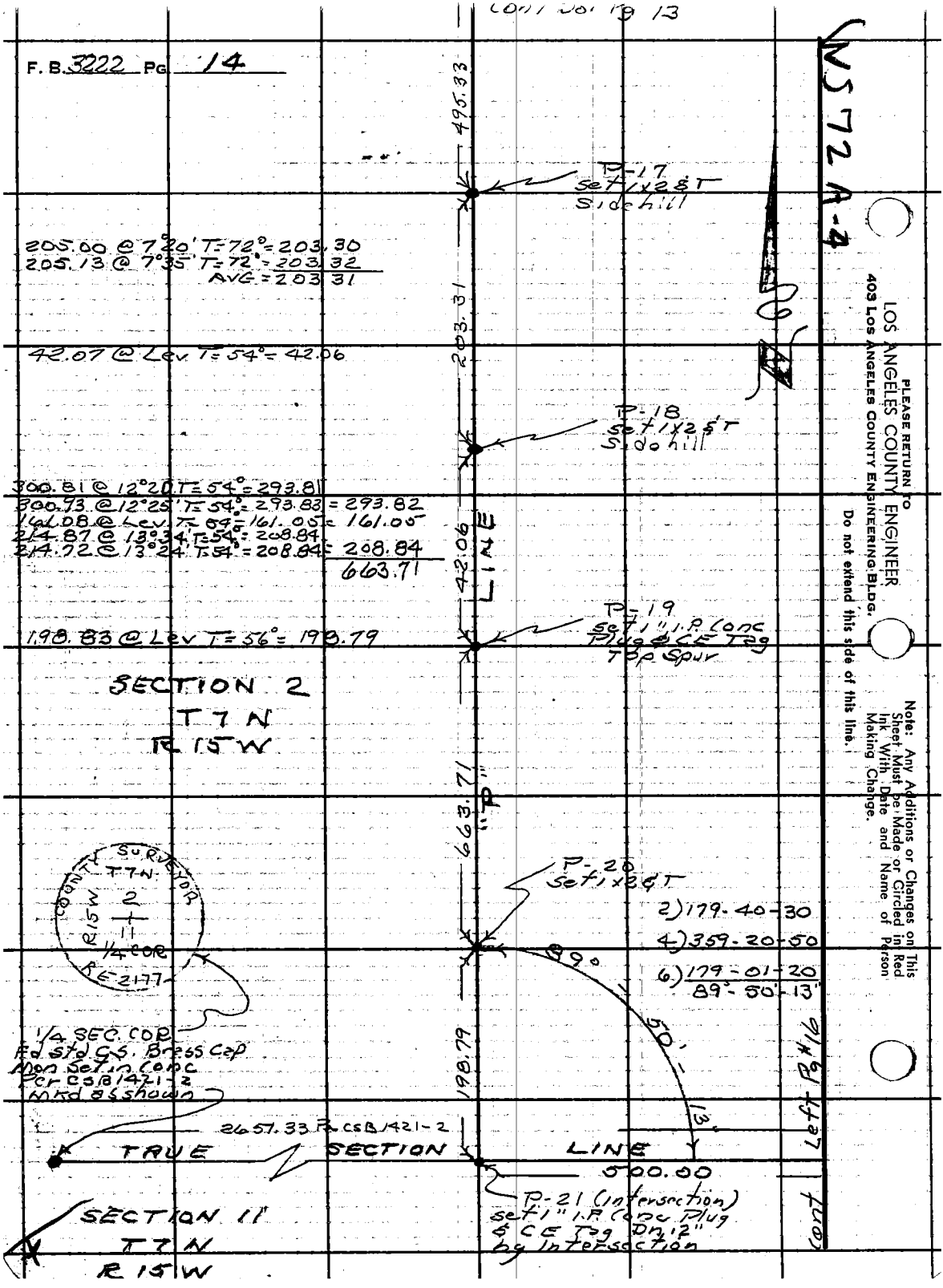

Cont Dot Pg 13
F. B. 3222 Pg 14
WS 72 A-4
495.33
P-17
Set 1x2 & T
Sidehill
205.00 @ 7°20' T=72° = 203.30
205.13 @ 7°35' T=72° = 203.32
AVG = 203.31
203.31
42.07 @ Lev T=54° = 42.06
P-18
Set 1x2 & T
Sidehill
300.81 @ 12°20' T=54° = 293.81
300.73 @ 12°25' T=54° = 293.83 = 293.82
161.08 @ Lev T=54° = 161.05 = 161.05
214.87 @ 13°34' T=54° = 208.84
214.72 @ 13°24' T=54° = 208.84 = 208.84
663.71
42.06
LINE
P-19
Set 1" I.P. Conc
Plug & CE Tag
Top Spur
198.83 @ Lev T=56° = 198.79
SECTION 2
T 7 N
R 15 W
663.71
"P"
P-20
Set 1x2 & T
2) 179-40-30
4) 359-20-50
6) 179-01-20
89°-50'-13"
89°
50'
13"
COUNTY SURVEYOR
T7N
R15W
2
11
1/4 COR
RE 2177
1/4 SEC. COR
Fd Std C.S. Brass Cap
Mon Set in Conc
Per CSB 1421-2
Mkd as shown
198.79
2657.33 Pr CSB 1421-2
TRUE SECTION LINE
500.00
P-21 (Intersection)
Set 1" I.P. Conc Plug
& CE Tag Dn 12"
by Intersection
SECTION 11
T 7 N
R 15 W
Cont Left Pg #16
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Notes Ck'd by	Survey of Lake Hughes Rd	F. B. 3222 PG. 15
Map No.	JN 0096.48 Tape 216 Std 94 °F	Cont Bot Pg #8
Office Work	Surveyed by R.C. Dale	
Checked	Notes R.C.D. Date 2-25-65	
Date	Indexed C. J. GALLA	

W.S. 72. A-3

282.35 @ 2°48' T=66° = 281.98
282.30 @ 2°37' T=66° = 281.98
AVG = 281.98

133.86 @ 6°37' T=66° = 132.95
133.75 @ 6°13' T=66° = 132.94
AVG = 132.94

SECTION 35
T8N
R15W

Cont Right Pg #10

TRUE LINE

299.39 — 281.98 — 132.94
2648.31 Per CSB 1421-2

Set 1x2 & T

Set 1x2 & T

2) 180-07-30
4) 360-14-50
6) 180-22-20
90°-03'-43"

2632.74 Per CSB 1421-2

Sec. Cor. Fd Std CS Brass Cap on Set in Conc Mkd as Shown Per CSB 1421-2 FB 2222-93 FB 754-42, 43

SECTION 36
T8N
R15W

TRUE LINE

2) 179-52-40
4) 359-45-10
6) 179-37-50
89°-56'-18"

COUNTY SURVEYOR
T8N
R15W
35-36
2 1
T7N
RE 2177

500.06 @ Lev T=66° = 500.00

2641.19

SECTION 1
T7N
R15W

Cont Right Pg #12

500.00

1/4 SEC. COR. Fd Std CS Brass Cap on Set in Conc Mkd as Shown Per CSB 1421-2 FB 754-157

SECTION 2
T7N
R15W

COUNTY SURVEYOR
T7N
R15W
2 1
1/4 COR
RE 2177

2641.18 Per CSB 1421-2

Cont Top Pg #16

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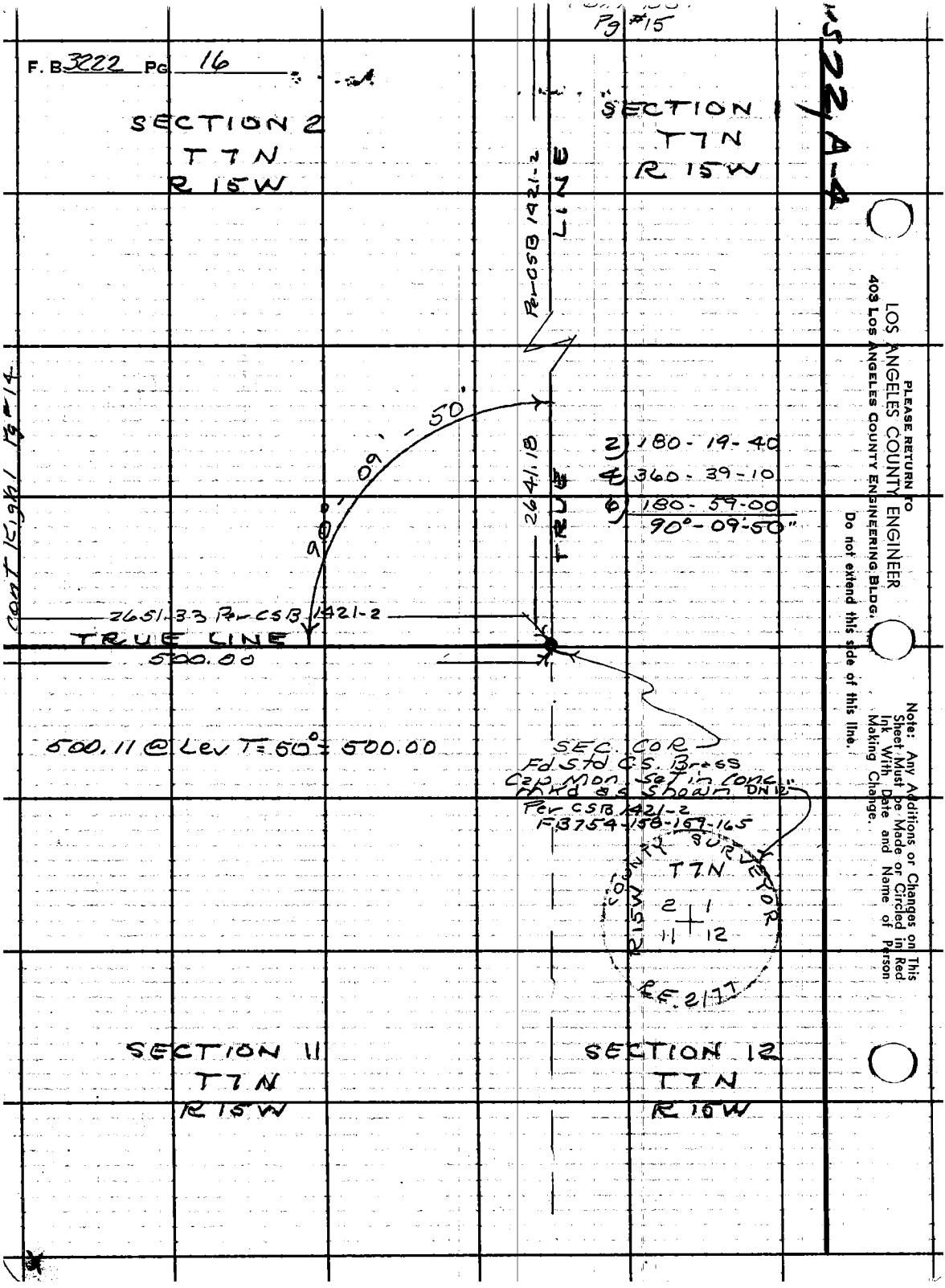

Pg #15
F. B 3222 Pg 16
SECTION 2
T 7 N
R 15 W
SECTION 1
T 7 N
R 15 W
Per CSB 1421-2
LINE
90° - 09' - 50"
2641.18
TRUE
2) 180 - 19 - 40
4) 360 - 39 - 10
6) 180 - 59 - 00
90° - 09' - 50"
2651.33 Per CSB 1421-2
TRUE LINE
500.00
500.11 @ Lev T = 50° = 500.00
SEC. COR
Fd Std C.S. Brass
Cap Mon Set in Conc
Mkd as Shown DN 12"
Per CSB 1421-2
F B 754-158-159-165
COUNTY SURVEYOR
T 7 N
R 15 W
2 1
11 12
R.E. 2177
SECTION 11
T 7 N
R 15 W
SECTION 12
T 7 N
R 15 W
Cont Right Pg #14
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NOTES RED. JOB NO. 009648 SURVEY OF Lake Hughes Rd | F. B. 3222 PG. 17

DATE SURVEY BY R. C. Dale

NOTES CHKD. NOTES BY R. C. D. DATE 4.2.65

DATE INDEXED C. J. GALLI DATE MAY 1 '65

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DESCRIPTION

LAKE HUGHES ROAD

JN 009648

BENCH LEVELS

ADJ. ELEV.

3RD RUN

FROM PRECISE BENCH #62-41 AT 170th ST WEST AND LANCASTER RD WTL. TO ESTABLISH ELEVATIONS ON "P" LINE & VERTICAL CONTROL FOR TOPO.

2ND RUN

REF

FB 2412-44-46
FB 2437-50-53

DIFF.

PARTY

R.C. DALE
C.W. ADAMS
B.R. JACKSON
R.A. SWANN
I.T. RANGEL

1ST RUN

B.M.

★ ELVATIONS IN RED ARE BASED ON 1965 ADJUSTMENT

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765420 S & E-353 9-55

765420 S & E-353-9-55

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JOB NO. 0096.48 SURVEY OF Lake Hughes Rd NOTES RED: DATE
SURVEY BY R.C. Dale DATE
NOTES BY C. Adams DATE 4-2-65 NOTES CHKD. DATE
INDEXED DATE

F. B3222 PG. 18

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
BM 102-42	2807.809				2807.686	Ave A-8, 0.5 Mi. W. of 170th St
	1.068		0.923			57'S. of center of Pvt 2.3ft W.
	2808.877	-4.902	-4.902	-4902		of P.P. #699359E. A.C.E.
	5.970		5.825			Mon Stamped BM 102-42-1957
TP	2802.907					P.E. 5869 in a 12" Conc. post
	2.300		2.323			6" above Gd F.B. 2912-46
	2805.207	-4.608	-4.607	-4.608		Elev 2807.809
	6.908		6.930			
TP	2798.299					
	2.350		2.283			
	2800.649	-4.531	-4.532	-4.531		
	6.881		6.815			
T.P.	2793.768					
	2.701		2.725			
	2796.469	-3.623	-3.622	-3.6225		
	6.324		6.347			
T.P.	2790.145					
	3.210		3.257			
	2793.355	-2.460	-2.461	-2.4605		
	5.679		5.718			
T.P.	2787.685					
	4.290		4.300			
	2791.975	-0.795	-0.793	-0.794		
	5.085		5.093			
T.P.	2786.890					
	4.631		4.583			
	2791.521	+2.602	2.599	+2.6005		
	2.029		1.989			
T.P.	2789.492					

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2789.492					
	1.099		1.091			
	2790.591	− 3.806	− 3.809	−3.808 75		
	4.905		4900			
T.P.	2785.686					
	4.173		4.167			
	2789.859	− 1.176	− 1.177	−1.1765		
	5.349		5.344			
T.P.	2784.510					
	3.775		3.780			
	2788.285	− 1.104	− 1.102	−1.103		
	4879		4.882			
T.P.	2783.406					
	5.753		5.760			
	2789.159	+ 1.718	+ 1.720	+1.719		
	4.035		4.040			
B.M. # 102-41	2785.124				2784.988	Near Fairmont Ave FB & 170th st W.
	5.265		5.331			35.7' S. of ℄, 6' E. of ℄ prod to S
	2790.389	+ 2.558	+ 2.556	+2.557		2.7' W. of T.P., A C.E. Mon stamped "B.M.
	2.707		2775			102-41 1957 R.E. 5869 in 12"
T.P.	2787.682					Conc post up 4" F.B. 2412-45
	5.821		5.812			Elev. 2785.124
	2793.503	+ 2.620	+ 2.619	+2.6~~20~~ 195		
	3201		3.193			
T.P.	2790.302					
	5.366		5362			
	2795.668	− 0.004	− 0.005	−0.0045		
	5370		5367			
P-1	2790.298				2790.121	Fd 3/4" I.P. Conc & n Dn 18" Per FB 3222-8

NOTES RED ____ JOB NO. 0096.48 SURVEY OF Lake Hughes Rd
DATE ____ SURVEY BY R. C. Dale
NOTES CHKD. J NOTES BY C.W.A. DATE 4-2-65
DATE ____ INDEXED ____ DATE ____

F.B. 3222 PG. 19

76S420 S & E-353-9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
P-1	2790.298					
	7.732		7.561			
	2798.030	+5568	5.571	+5.570 695		
	2.164		1.990			
T.P.	2795.866					
	5.704		5.698			
	2801.570	+2.966	+2.961	+2.964 35		
	2738		2.737			
TP ✓	2798.832					
	5.426		5.369			
	2804.258	+2.407	+2.407	+2.407		
	3.019		2.962			
P-2	2801.239				2801.062	Fd 1X2 & n. flush FB 3222-9
	6.388		6.368			
	2807.627	+3.394	+3391	+3.3925		
	2.994		2.977			
T.P.	2804.633					
	5.530		5.525			
	2810.163	+1.847	+1.843	+1.845		
	3683		3682			
P-3	2806.480				2806.301	Fd 1X2 & n flush FB 3222-9
	6.812		6.810			
	2813.292	+6.552	+6.555	+6.554 35		
	0260		0255			
T.P.	2813.032					
	9.990		9.989			
	2823.022	+9.551	9.550	+9.5505		
	0439		0.439			
T.P.	2822.583					

NOTES RED. DATE
NOTES CHKD. ✓ DATE
JOB NO. 0096.48 SURVEY OF Lake Hughes Rd
SURVEY BY R C Dale DATE 4-2-65
NOTES BY C W A DATE
INDEXED C. J. GALLI DATE

F.B. 3222 PG. 20

765420 S & E-353 9-55

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NOTES RED _____ JOB NO 03736-48 SURVEY OF Lake Hughes Rd
DATE _____ SURVEY BY R C Dyke
NOTES CHKD _____ NOTES BY C W A. DATE 4-4-65
DATE _____ INDEXED [illegible] DATE _____

F.B. 3222 Pg. 21

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2822.583					
	8.168		8.162			
	2830.751	+ 6.381	+ 6.382	+ 6.382		
	1.787		1.780			
P-4	2828.964				2828.788	Fd 1X2 Sq Nail FB 3222-9
	1.968		1.962			
	2830.932	- 4.265	- 4.265	- 4.265		
	6.233		6.227			
T.P.	2824.699					
	4.153		4.130			
	2828.852	-0.598	- 0.595	-0.598		
	4.751		4.725			
T.P.	2824.101					
	5.128		5.110			
	2829.229	+ 1.177	1.178	+ 1.178		
	3.951		3.932			
T.P.	2825.278					
	4.963		4.951			
	2830.241	+ 1.102	+ 1.102	+ 1.102		
	3.861		3.899			
P-5	2826.380				2826.205	Fd 1" I.P. Conc & CE tag dn. 18" FB 3222-9
	8.025		8.092			
	2834.405	+ 5.958	+ 5.955	+ 5.956		
	2.567		2.587			
T.P.	2831.838					
	6.032		6.044			
	2837.870	+ 3.713	+ 3.717	+ 3.715		
	2.319		2.327			
	2835.551					

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2835.551					
	6.379		6.320			
	2841.930	+ 2.362	+ 2.362	+ 2.362		
	4.017		3.958			
P-6	2837.913				2837.740	Fd 1" I.P. Conc. & C.E. tag On 12" FB 3222-10
	8.583		8.547			
	2846.496	+ 5.625	+ 5.626	+ 5.625		
	2.958		2.921			
T.P.	2843.538					
	7.944		7.923			
	2851.482	+ 6.377	+ 6.379	+ 6.375		
	1.567		1.549			
T.P.	2849.915					
	6.348		6.313			
	2856.263	+ 2.591	+ 2.590	+ 2.5905		
	3.757		3.723			
P-7	2852.506				2852.333	Fd 1x2 & n Flush FB 3222-10
	6.069		6.062			
	2858.575	+ 1.964	+ 1.964	+ 1.964		
	4.105		4.098			
T.P.	2854.470					
	4.221		5.092			
	2858.691	+ 0.134	+ .134	+ 0.134		
	4.087		4.958			
T.P.	2854.604					
	5.095		4.996			
	2859.699	+ 2.422	+ 2.423	+ 2.4225		
	2.673		2.573			
T.P.	2857.026					

JOB NO. 0096.48 SURVEY OF Lake Hughes Rd
SURVEY BY R.C. Dale DATE
NOTES BY C.W.A. DATE 4-5-65 NOTES CHKD.
INDEXED C. J. GALLA DATE
NOTES RED.
DATE

F.B. 3222 PG. 22

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NOTES RED _____ JOB NO 2096.49 SURVEY OF Lante Tract No 6201
DATE _____ SURVEY BY R.C. Davis
NOTES CHKD. J.W.A. NOTES BY C.W.A. DATE 4-5-65
DATE _____ INDEXED _____ DATE _____ C. J. GALLI

F.B. 3222 PG. 23

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2857.026					
	7.470		7.421			
	2864.796	+4.622	+4.621	+4.625		
	2.948		2.800			
P-8	2861.648				2861.477	Fd 1" I.P. Dn 12" Pvt FB 3222-11
	7.976		7.947			
	2869.624	+4.936	+4.936	+4.936		
	3.040		3.011			
T.P	2866.584					
	7.127		7.077			
	2873.711	+5.416	+5.417	+5.4165		
	1.711		1.660			
T P	2872.000					
	7.910		7.833			
	2879.910	+5.802	+5.806	+5.804		
	2.108		2.027			Fd 1x2 & T Flush Pvt FB 3222-11
P-9	2877.802				2877.634	
	10.211		10.076			
	2888.013	+9.049	+9.050	+9.050		
	1.162		1.026			
T.P	2886.351					
	9.509		9.453			
	2896.360	+8.176	+8.175	+8.176		
	1.333		1.278			
T.P.	2895.027					
	10.045		9.855			
	2905.072	+9.320	+9.319	+9.320		
	0.725		0.536			
T.P.	2904.347					

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2904.347					
	9.602		9.503			
	2913.949	+ 8.162	+8.165	+8.164 35		
	1.440		1.338			
P-10	2912.509				2912.343	Fd 1x2 & T. Top Break Flush Pr. FB3222-11
	6.523		6.493			
	2919.032	+ 1.983	+ 1.983	+1.983		
	4.540		4.510			
	2914.492					
	5275		5.236			
	2919.767	+ 1.563	+ 1.559	+1.561		
	3.712		3.677			
P-11	2916.055				2915.888	Fd 1" I.P. Conc. & CE tag dn. 12" FB3222-12
	7.571		7.524			
	2923.626	+ 5.530	+ 5.531	+5.530		
	2.041		1.993			
P-12	2921.585				2921.418	Fd 1" I.P. Conc & CE tag Flush FB3222-12
	7.949		7.902			
	2929.534	+ 7.014	7.013	+7.014 35		
	0.935		0.889			
	2928.599					
	10.536		10.451			
	2939.135	+ 9.546	+ 9.542	+9.544		
	0.990		0.909			
	2938.145					
	7.375		7.321			
	2945.520	+ 5.897	+5.899	+5.898		
	1.478		1.422			
P-13	2944.042				2943.875	Fd 1x2 & n Flush FB3222-12

JOB NO. 009648 SURVEY OF Lake Hughes Rd NOTES RED.
SURVEY BY R C Dale DATE
NOTES BY C.W.A. DATE 4-5-65 NOTES CHKD.
INDEXED C. J. GALIN DATE DATE

F. B3222 PG. 24

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NOTES RED _____ JOB NO 00%.48 SURVEY OF Lake Hughes Rd
DATE _____ SURVEY BY R.C. Baird
NOTES CHKD _____ NOTES BY C.W.A. DATE 4.5.65
DATE _____ INDEXED C. J. GALLI DATE _____

F. B. 3222 Pg. 25

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2944.042					
	9.589		9553			
	2953.631	+ 9.209	+ 9.204	+ 9.204		
	0.385		0349			
	2953.246					
	11.703		11.632			
	2964.949	+11.202	+11.206	+11.204		
	0501		0426			
	2964.448					
	11.488		11.425			
	2975.936	+11.103	+11.099	+11.101		
	0.385		0.326			
	2975.551					
	10.495		10.347			
	2985.996	+ 9.937	+ 9.938	+ 9.938 75		
	0.508		0.409			
P-19	2985.188				2985.323	Fd 1 X 2 ϕ n Flush FB 3222-13
	10.919		10.862			
	2996.907	+ 9.187	+ 9.196	+ 9.1885		
	1.732		1672			
	2994.075					
	5.899		5.841			
	3000.574	+ 3.090	+ 3.091	+ 3.0905		
	2809		2750			
P-15	2997.765				2997.602	Fd 1" I.P. Conc. ϕ C.C. to ϕ Flush FB 3222-13
	7.197		7.079			
	3004.962	+4.232	4.231	+4.232 15		
	2965		2.898			
P-16	3001.997				3001.835	Fd 1 X 2 ϕ n Flush FB 3222-13

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JOB NO. 0096 48 SURVEY OF Lake Hughes Rd NOTES RED. DATE
SURVEY BY P C D 2/12 NOTES CHKD. DATE
NOTES BY C.W.A. DATE 4-5-65
INDEXED C. J. GALLE DATE

F.B. 3222 PG. 26

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	3001.997					
	5.350		5.302			
	3007.347	+ 2.287	+ 2.291	+ 2.289		
	3.063		3.011			
	3004.289					
	6.850		6.822			
	3011.139	+ 3.876	+ 3.871	+ 3.873		
	2.974		2.951			
	3008.160					
	0.737		0.692			
	3008.897	- 2.080	- 2.078	- 2.079		
	2.817		2.770			
P-17	3006.080				3005.920	Fd 1x2 ½ n (Flush) FB 3222-14
	10.294		10.139			
	3018.374	+ 9.418	+ 9.419	+ 9.418		
	0.826		0.770			
	3015.498					
	9.480		9.461			
	3025.978	+ 8.171	+ 8.171	+ 8.171		
	1.309		1.290			
	3023.669					
	10.510		10.459			
	3034.179	+10.100	+10.101	+ 10.100		
	0.410		0.353			
P-18	3033.769				3033.611	Fd 1x2 ½ n (Flush) FB 3222-14
	2.779		2.743			
	3036.548	- 1.896	- 1.895	- 1.896		
	4.675		4.638			
P-19	3031.873				3031.715	Fd 1" I.P. Conc. & C.E. tag Flush

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	3031.873					
	2.150		2.141			
	3034.023	-9.291	-9.289	-9.290		
	11.441		11.430			
	3022.582					
	2.321		2.311			
	3024.903	-8.460	-8.457	-8.4585		
	10.781		10.768			
	3014.122					
	0.441		0.402			
	3014.563	-11.001	-11.001	-11.001		
	11.442		11.403			
	3003.121					
	0.431		0.397			
	3003.552	-10.941	-10.943	-10.942		
	11.372		11.340			
	2992.180					
	2.130		2.052			
	2994.310	-9.233	-9.236	-9.2345		
	11.363		11.288			
	2982.947					
	0.950		0.906			
	2983.897	-10.337	-10.338	-10.3375		
	11.287		11.244			
	2972.610					
	2.630		2.598			
	2975.240	-2.963	-2.959	-2.961		
	5.593		5.557			
	2969.647					

NOTES RED ____ JOB NO. 00 96 48 SURVEY OF Lake Huanes Rd
DATE ____ SURVEY BY R.C. Dale
NOTES CHKD ____ NOTES BY C.W.A. DATE 4-5-65
DATE ____ INDEXED C. J. GALLI DATE ____

F.B. 3222 PG. 27

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NOTES RED. DATE
NOTES CHKD. DATE

JOB NO. 00096.48 SURVEY OF Lake Hughes Rd
SURVEY BY R.C.D. 2/8
NOTES BY G.W.P. DATE 4-7-65
INDEXED C. J. GALLI DATE

F.B. 3222 Pg. 28

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN MEAN	ADJ. ELEV.	DESCRIPTION
	2969.647					
	3.661		9.593			
	2979.308	+ 8.653	+ 8.650	+ 8.652		
	1.008		0.943			
T.P.	2978.300					
	11.830		11.838			
	2990.130	+11.361	+11.365	+11.363		
	0.469		0.473			
T.P.	2989.661					
	11.542		11.502			
	3001.203	+10.372	+10.371	+10.371		
	1.170		1.131			
T.P.	3000.033					
	11.288		11.235			
	3011.321	+10.978	+10.978	+10.978		
	0.310		0.257			
T.P.	3011.011					
	6.982		6.962			
	3017.993	+ 6.541	+6.541	+ 6.541		
	0.441		0.421			
P-20	3017.552				3017.399	Fd Nail & T Flush Per FB 3222-14
	3.628		3.632			
	3021.180	- 2.971	- 2.971	- 2.971		
	6.599		6.603			
P-21	3014.581				3014.428	Fd I.P. Dn 12" Per FB 3222-14
	8.191		8.211			
	3022.772	+7.984	+ 7.984	+ 7.984		
	0.207		0.227			
T.P.	3022.565					

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	3022.565					
	9.342		9.322			
	3031.907	+9.082	+9.081	+9.0815		
	0.260		0.241			
T.P.	3031.647					
	9.982		10.018			
	3041.629	+9.470	+9.471	+9.4705		
	0.512		0.547			
T.P.	3041.117					
	10.911		10.899			
	3052.028	+10.259	+10.260	+10.2595		
	0.652		0.639			
T.P.	3051.376					
	8.013		8.002			
	3059.389	+7.241	+7.239	+7.240		
	0.772		0.763			
T.P.	3058.617					
	7.429		7.461			
	3066.046	+6.839	+6.841	+6.840		
	0.590		0.620			
T.P.	3065.456					
	9.262		9.414			
	3074.718	+9.041	+9.040	+9.0405		
	0.221		0.374			
T.P.	3074.497					
	8.439		8.477			
	3082.936	+7.364	+7.366	+7.365		
	1.075		1.111			
T.P.	3081.861					

NOTES RED _____ JOB NO. 009648 SURVEY OF Lake Hughes Rd
DATE _____ SURVEY BY R.C. Dale
NOTES CHKD 1 NOTES BY R.C.D. DATE 4-7-65
DATE _____ INDEXED C. J. GALLI DATE _____

F.B. 3222 PG. 29

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SURVEY BY R & D Dole DATE
NOTES BY R & D DATE 4-7-65 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 3222 PG. 30

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	3081.861					
	4.148		4.203			
	3086.009	+1.356	+1.353	+1.3545		
	2.792		2.850			
T.P.	3083.217			+8.1185		
	8.628		8.621	8.629		
	3091.845	+8.120	+8.109	+8.117		
	0508		0.512	0.512		
T.P.	3091 337					
	11.607		11.429			
	3102.944	+11.067	+11.066	+11.0665		
	0.540		0.363			
T.P.	3102.404					
	7.893		7.989			
	3110.297	+5.798	+5.798	+5.798		
	2.095		2.191			
T.P.	3108.202					
	6.773		6.624			
	3114.975	+5.620	+5.621	+5.6205		
	1.153		1.003			
L.H. #1	3113822				3113.672	Fd 3/4" I.P. & Cap Flush Per FB 3222-47
	0532		0.420			
	3114.354	-9.100	-9.100	-9.100		
	9.632		9.520			
T.P.	3104.722					
	0.992		0.973			
	3105.714	-10.720	-10.721	-10.7205		
	11.712		11694			
T.P.	3094.002					

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NOTES RED JOB NO. 0096 48 SURVEY OF Lake Hughes Rd
DATE SURVEY BY R.C.J. & I.C.
NOTES CHKD NOTES BY R.C.J. DATE 4-7-65
DATE INDEXED C. J. GALLI DATE

F.B. 3222 Pg. 31

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	3094.002					
	0.529		0.514			
	3094.531	-11.251	-11.254	-11.2525		
	11.780		11.768			
T.P.	3082.751					
	3.647		3.547			
	3086.398	-3.312	-3.312	-3.312		
	6.959		6.859			
T.P.	3079.439					
	1.818		X 1.712			
	3081.257	-6.760	-6.861	-6.760		
	8.578		8.573			
T.P.	3072.679					
	0.461		0.379			
	3073.140	-7.862	-7.864	-7.863		
	8.323		8.243			
T.P.	3064.317					
	0.429		0.361			
	3065.246	-8.882	-8.881	-8.8815		
	9.311		9.242			
T.P.	3055.935					
	0.440		0.391			
	3056.375	-7.363	-7.363	-7.363		
	7.803		7.754			
T.P.	3048.572					
	0.676		0.575			
	3049.248	-6.004	-6.008	-6.006		
	6.680		6.583			
T.P.	3042.568					

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JOB NO. 0096.48 SURVEY OF 2346 Hughes Rd
SURVEY BY R.C.D. DATE
NOTES BY R.C.D. DATE 4-7-65 NOTES CHKD. DATE
INDEXED C. J. GALLI DATE NOTES RED. DATE

F.B. 3222 PG. 32

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD~~ RUN MEAN	ADJ. ELEV.	DESCRIPTION
	3042.568					
	3.870		3.923			
	3046.438	-2.213	-2.215	-2.214		
	.083		6.138			
T.P.	3040.355					
	5.922		5.892			
	3046.277	+2.413	+2.413	+2.413		
	3.509		3.479			
T.P.	3042.768					
	4.498		4.432			
	3047.266	-2.827	-2.831	-2.829		
	1.325		7.263			
T.P.	3039.941					
	4.179		4.100			
	3044.120	-0.331	-0.327	-0.329		
	4.510		4.427			
T.P.	3039.610					
	4.662		4.548			
	3044.272	-0.028	-0.024	-0.026		
	4.690		4.572			
T.P.	3039.582					
	5.151		5.090			
	3044.733	+0.631	+0.628	+0.629		
	4.520		4.462			
T.P.	3040.213					
	4.685		4.628			
	3044.898	-0.135	-0.133	-0.134		
	4.820		4.761			
T.P.	3040.078					

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NOTES RED _____ JOB NO. 0096.48 SURVEY OF La Ka Nughes Rd
DATE _____ SURVEY BY R.C.J. DATE 4-7-65
NOTES CHKD. _____ NOTES BY _____ DATE _____
DATE _____ INDEXED C. J. GALLI DATE _____

F.B. 3222 PG. 33

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN MEAN	ADJ. ELEV.	DESCRIPTION
	3040.078					
	4.806		4.732			
	3044.984	-0.758	-0.757	-0.758		
	5.564		5.489			
B.M. E-102	3039.320					B.M. E-102 Elev 3039.505. Division of Water Resources Datum Plane. Fd Brass cap in conc. Located on E. side of gradient conc. slough L.A. aqueduct 0.5 mi. S. of Saugus Station. Dept. of Water Resources E-102 1961 Per Dept. W.R. FB 3357-57.
	5.196		4.965			
	3044.516	+2.580	+2.580	+2.580		
	2.616		2.385			
B.M.	3041.900				3041.752	B.M. Elev = 3040.168 L.A.A. Datum Fd Std Brass plate in W End of S. Conc. Bridge Rail across Aqueduct 40' N of Fence Near N Gate To Fair mont Res. Per W.R.D. FB 3357-57
	8.146		8.158			
	3050.046	+3.280	+3.280	+3.280		
	4.866		4.878			
T.P.	3045.180					
	5.126		5.114			
	3050.306	-0.108	-0.112	-0.110		
	5.234		5.226			
T.P.	3045.072					
	5.111		5.124			
	3050.183	+0.053	+0.052	+0.052		
	5.058		5.072			
T.P.	3045.125					
	5.084		5.071			
	3050.209	+0.222	+0.223	+0.2225		
	4.862		4.848			
T.P.	3045.347					
	4.768		4.785			
	3050.115	+0.015	+0.019	+0.017		
	4.753		4.766			
T.P.	3045.362					

769420 S & E-353-9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	3045.362					
	4.542		4.516			
	3049.904	-0.122	-0.125	-0.123		
	4.664		4.641			
T.P.	3045240					
	4.760		4.771			
	3050.000	-0.365	-0.366	-0.365		
	5125		5.137			
LH#3	3044875				3044.728	L.H. #3 Fd 3/4" I.P. & Cap Per FB 3222-49
	5118		5.104			
	3049.993	-5.549	-5.551	-5.550		
	10.667		10.655			
T.P.	3039.326					
	1.407		1422			
	3040.733	-9.782	-9.781	-9.782		
	11.189		11.203			
T.P.	3029.544					
	5164		5.150			
	3034.708	-6.016	-6.014	-6.015		
	11.180		11.164			
T.P.	3023528					
	2.018		2008			
	3025.546	-3.552	-3.552	-3.552		
	5.570		5.560			
T.P.	3019.976					
	6.092		6.107			
	3026068	+3.349	+3.351	+3.350		
	2.743		2.756			
T.P.	3023325					

JOB NO. 009648 SURVEY OF Lake Hughes Rd NOTES RED.
SURVEY BY R.C. Dale DATE
NOTES BY R.C. D DATE 4-12-65 NOTES CHKD. ✓
INDEXED C. J. GALLI DATE DATE

F.B. 3222 PG. 34

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	3023.325					
	6.464		6.450			
	3029.789	+2.124	+2.124	+2.124		
	4.340		4.326			
T.P.	3025.449					
	1.859		1.849			
	3027.308	-4.431	-4.430	-4.4305		
	6.290		6.279			
T.P.	3021.018					
	2.869		2.883			
	3023.887	-3.319	-3.319	-3.319		
	6.188		6.202			
T.P.	3017.699					
	2.963		2.948			
	3020.662	-2.729	-2.729	-2.729		
	5.692		5.677			
T.P.	3014.970					
	3.928		3.939			
	3018.898	-1.001	-0.999	-1.000		
	4.929		4.938			
T.P.	3013.969					
	4.266		4.252			
	3018.235	-0.911	-0.913	-0.912		
	5.177		5.165			
TP	3013.058					
	3.570		3.562			
	3016.628	-3.367	-3.365	-3.366		
	6.937		6.927			
T.P.	3009.691					

NOTES RED ____ JOB NO. 0096.48 SURVEY OF Lake Hughes Rd
DATE ____ SURVEY BY R C Dale
NOTES CHKD ✓ NOTES BY R C D DATE 4-12-65
DATE ____ INDEXED J. GALLI DATE ____

F. B. 3222 PG. 35

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JOB NO. 009648 SURVEY OF Lake Hughes Rd
SURVEY BY R.C.D. Dale
NOTES BY R.C.D. DATE 12-2-65
INDEXED G. J. GALLI DATE

NOTES RED. DATE
NOTES CHKD. DATE

F. B. 3222 Pg. 36

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	3009.691					
	3.119		3.130			
	3012.310	-1.510	-1.507	-1.5085		
	4.629		4.637			
T.P.	3008.181					
	4.567		4.558			
	3012.748	-5.323	-5.323	-5.323		
	9.390		9.881			
T.P.	3002.858					
	3.978		3.971			
	3006.936	-1.915	-1.913	-1.914		
	5.893		5.884			
T.P.	3000.943					
	3.892		3.900			
	3004.835	-1.858	-1.858	-1.858		
	5.750		5.758			
T.P.	2999.085					
	2.498		2.507			
	3001.583	-3.745	-3.744	-3.744		
	6.243		6.251			
T.P.	2995.340					
	3.577		3.567			
	2998.917	-0.248	0.248	-0.248		
	3.825		3.815			
T.P.	2995.092					
	2.335		2.344			
	2997.427	-3.312	-3.314	-3.313		
	5.647		5.658			
T.P.	2991.780					

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2991.780					
	2.203		2.188			
	2993.983	-5.509	-5.512	-5.5105		
	7.712		7.700			
T.P.	2986271					
	0.548		0.557			
	2986819	-8.285	-8.282	-8.2835		
	8.833		8.839			
T.P.	2977.986					
	0.487		0.495			
	2978.473	-9.290	-9.291	-9.2905		
	9.777		9.786			
T.P.	2968.696					
	1.234		1.220			
	2969.930	-7.848	-7.847	-7.8485		
	7.082		9.067			
T.P.	2960848					
	0.885		0.877			
	2961.733	-8.263	-8.266	-8.2645		
	9.148		9.143			
T.P.	2952585					
	0.999		1.008			
	2953.584	-8.884	-8.885	-8.8845		
	9.883		9.893			
T.P.	2943701					
	0.873		0.861			
	2944.574	-6.376	-6.373	-6.374		
	7.248		7.234			
T.P.	2937326					

NOTES RED _____ JOB NO. 00648 SURVEY OF Lake Hughes Rd.
DATE _____ SURVEY BY R.C. Dale
NOTES CHK'D J. GALLI NOTES BY _____ DATE 4-12-65
DATE _____ INDEXED _____ DATE _____

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JOB NO. 0096.48 SURVEY OF La Habra Heights Rd
SURVEY BY R.C.E. DATE 4-13-65 NOTES RED. DATE
NOTES BY R.C.D. NOTES CHKD DATE
INDEXED C. J. GALLI DATE

F.B. 3222 Pg. 38

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2937.326					
	1.328		1.360			
	2938654	- 7.743	- 7.743	-7.743		
	9.071		9.103			
T.P	2929.583					
	0.349		0.340			
	2929932	- 9.844	- 9.889	-9.894		
	10.243		10.229			
T.P	2919.689					
	0.379		0.292			
	2920068	- 9.416	- 9.416	- 9.416		
	9.795		9.708			
T.P.	2910.273					
	0.398		0.371			
	2910.671	- 5.647	- 5.648	- 5.648		
	6.045		6.019			
T.P	2904.626					
	2.150		2.124			
	2906.776	- 7.277	- 7.276	- 7.2765		
	9.427		9.400			
T.P	2897.349					
	0.291		0.249			
	2897.640	- 8.270	- 8.269	- 8.2695		
	8.561		8.518			
T.P	2889.079					
	0.270		0.231			
	2889.349	- 9.322	- 9.322	- 9.322		
	7.592		9.553			
T.P.	2879.157					

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2879.757					
	0.205		0.249			
	2879.962	-7.144	-7.145	-7.1445		
	7.349		7.394			
T.P.	2872.613					
	2.875		2.845			
	2875.488	-3.327	-3.326	-3.3265		
	6.202		6.171			
T.P.	2869.286					
	2.611		2.580			
	2871.397	-4.807	-4.805	-4.806		
	7.418		7.385			
T.P.	2864.479					
	2.259		2.190			
	2866.738	-4.385	-4.386	-4.3855		
	6.644		6.576			
T.P.	2860.094					
	3.249		3.222			
	2863.343	-2.823	-2.820	-2.8215		
	6.072		6.042			
T.P.	2857.271					
	2.879		2.841			
	2860.150	-4.090	-4.089	-4.0895		
	6.969		6.930			
T.P.	2853.181					
	3.171		3.227			
	2856.352	-3.441	-3.438	-3.4395		
	6.612		6.665			
T.P.	2849.740					

NOTES RED ____ JOB NO. 0096.48 SURVEY OF Lake Hughes Rd
DATE ____ SURVEY BY R C Dale
NOTES CHKD. ____ NOTES BY R.C.D. DATE 4-13-65
DATE ____ INDEXED C. J. GALLI DATE ____

F. B. 3222 PG. 39

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JOB NO. 009648 SURVEY OF Lake Hughes Rd
SURVEY BY R.S. D2 12
NOTES BY E.C.T. DATE 4-13-65
INDEXED C. J. GALLI DATE
NOTES CHKD. ✓ DATE
NOTES RED. DATE

F.B. 3222 PG. 40

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2849.790					
	3.805		2.729			
	2852.545	-4.429	-4.426	-4.428		
	7.234		7.155			
T.P.	2845.311					
	3.166		3.121			
	2848.477	-8.409	-8.407	-8.408		
	11.575		11.528			
T.P.	2836902					
	0.380		0.333			
	2837.282	-9.709	-9.711	-9.710		
	10.089		10.044			
T.P.	2827.193					
	1.745		1.669			
	2828938	-6.025	-6023	-6.024		
	7.770		7.692			
T.P.	2821.168					
	1.606		1555			
	2822.774	-5.774	5.770	-5.772		
	7.380		7.325			
T.P.	2815394					
	1.117		1.088			
	2816.511	-5.822	5.817	-5.820		
	6.939		6.905			
T.P.	2809.572					
	1.303		1.328			
	2810875	-5.339	-5.339	-5.338		
	6.640		6.667			
T.P.	2804235					

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
	2804.235					
	2.699		2.723			
	2806934	-2.590	-2589	-2.5~~90~~895		
	5289		5.312			
T.P.	2801645					
	3.855		3.785			
	2805500	-3.262	-3.262	-3.262		
	7.117		7.047			
T.P.	2798383					
	2.768		2.730			
	2801.151	-4.101	-4.101	-4.101		
	6.869		6.831			
T.P.	2794282					
	0900		0.863			
	2795.182	-6.198	-6.195	-6.1965		
	7.098		7.058			
T.P.	2788084					
	2.629		2.665			
	2790.713	-3.644	-3.647	-3.64~~6~~55		
	6.273		6.312			
T.P.	2784440					
	3.045		2.985			
	2787485	-0.359	-0.359	-0.359		
	3404		3344			
BM 102-40	2784081				2783.970	BM 102-40 (USGS 2786) Elev = 2784.095 1958 Adj Elev. Near Fairmont, Lancaster Rd at Avenue, FB. 43 ft W of center of pavement, 1.5 ft S. of fence cor. at S.E. corner of old Fairmont School (Now located) A USGS Brass Cap riveted on top of a 3½" iron pipe Per FB 2412-44

NOTES RED ____ JOB NO. 0096.48 SURVEY OF Lake Hughes Rd.
DATE ____ SURVEY BY R.C. Dale
NOTES CHKD. ____ NOTES BY R.C.D. DATE 4-13-65
DATE ____ INDEXED C. J. GALLI DATE ____

F. B. 3222 PG. 41

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JOB NO. 0096 48 SURVEY OF Lake Hughes Rd NOTES RED: DATE
SURVEY BY R.C.D. 2/c DATE 4-13-65 NOTES CHKD. DATE
NOTES BY C. J. GALT DATE DATE
INDEXED DATE

F.B. 3222 PG. 42

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 111-38	= USES R-23 Elev = 3248.986 Field elev. Per FB 2437-50 Antelope Valley - Pine Cyn. Road & Lake Hughes Road. About 0.7 Mile west of Lake Hughes P.O. 66.5 ft NEly of the & intersection of the roads & 28.5 ft Nly of P.P. K2473Y A bronze disk mkd "R-23-1929 set in a conc post 6" above ground 2' from a white Marker witness Post.					
BM 111-39	Field Elev = 3304.343 Per FB 2437-51 Antelope Valley - Pine Cyn Rd. About 1.3 Mile wgst of Lake Hughes P.O. 25.5 Ft. north of & of road. 29.0 ft westerly of a barb wire fence on the east side of a dirt road to a house to the north. & 2.3 ft South of an unnumbered telephone pole. A County Eng. Brass Cap Mon Stamped BM 111-39 RE 5869 1960 up 6"					
BM 111-40	Field Elev = 3390.455 Per FB 2437-52 Antelope Valley - Pine Cyn Rd. About 1.8 Mile wly. of Lake Hughes P.O. 440 ft w/ly of a dirt road to house No. 19023. 26.0 ft Nly of the Center of the road. 3.0 ft N of an unnumbered telephone Pole. A County Engineer Brass Cap Mon Stamped BM 111-40 RE 5869-1960 up 6". 2.0 South of a white Marker Witness post.					
BM 111-41	Field Elev = 3512.615 Per FB 2437-53 Antelope Valley - Pine Cyn Rd. About 2.3 Mile wly of Lake Hughes P.O. About 255 ft Ely of a dirt road to House No 19700. 76.5 ft NEly of PP #524365E & 22.5 ft South of & of Road. A County Engineer Brass Cap Mon. Stamped BM 111-41 RE 5869 - 1960 up 6" 2.0 South of a white Marker Witness post.					

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B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ MEAN	ADJ. ELEV.	DESCRIPTION
111-39	3304.343				3304.304	BM 111-39 Field Elev = 3304.343 Antelope Valley, Pine Lyn Rd. About 1.3 mile west of Lake Hughes P.O. 25.5 Rd North of ℄ of Rd. 290 ft Wly. of a barb wire fence on east side of dirt Rd. to a house to the N. & 2.3 ft South of an unnumbered Telephone Pole a County Eng. Brass Cap Mon Stamped BM 111-39 RE 5869-1960. up 6" Per FB 2437-51 FB 3222-42
	4.561		4.475			
	3308.904	+0.434	+0.433	+0.433		
	4.127		4.042			
LH-16	3304.777				3304.738	LH-16 Fd 3/4" I.P. & Drilled Cap 22.49 ft N Wly of BM 111-39 Per FB 3222-62

NOTES RED ____ JOB NO. 0096.48 SURVEY OF Lake Hughes Rd
DATE ____ SURVEY BY RC Dale
NOTES CHKD. ____ NOTES BY RCD DATE 4-13-65
DATE ____ INDEXED C. J. GALLI DATE ____

F.B. 3222 PG. 43

Notes Ck'd by	Survey of Lake Hughes Rd	F. B. 3222 PG. 45
Map No.	JN 0096.48 Tape 216 Std 84 °F	
Office Work	Surveyed by R C Dale	
Checked	Notes RCD Date 4-20-65	
Date	Indexed C J GALLI	

LAKE HUGHES ROAD

JN 0096.48

APRIL 1965

HORIZONTAL & VERTICAL CONTROL FOR PHOTOGRAMMETRY FROM FAIRMONT RESERVOIR SLY TO PINE CYN RD.

REF

PARTY
RC Dale
CW Adams
B.R. Jackson
RA Swann
I.T. Rangel

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76F309S CE #310 6-62

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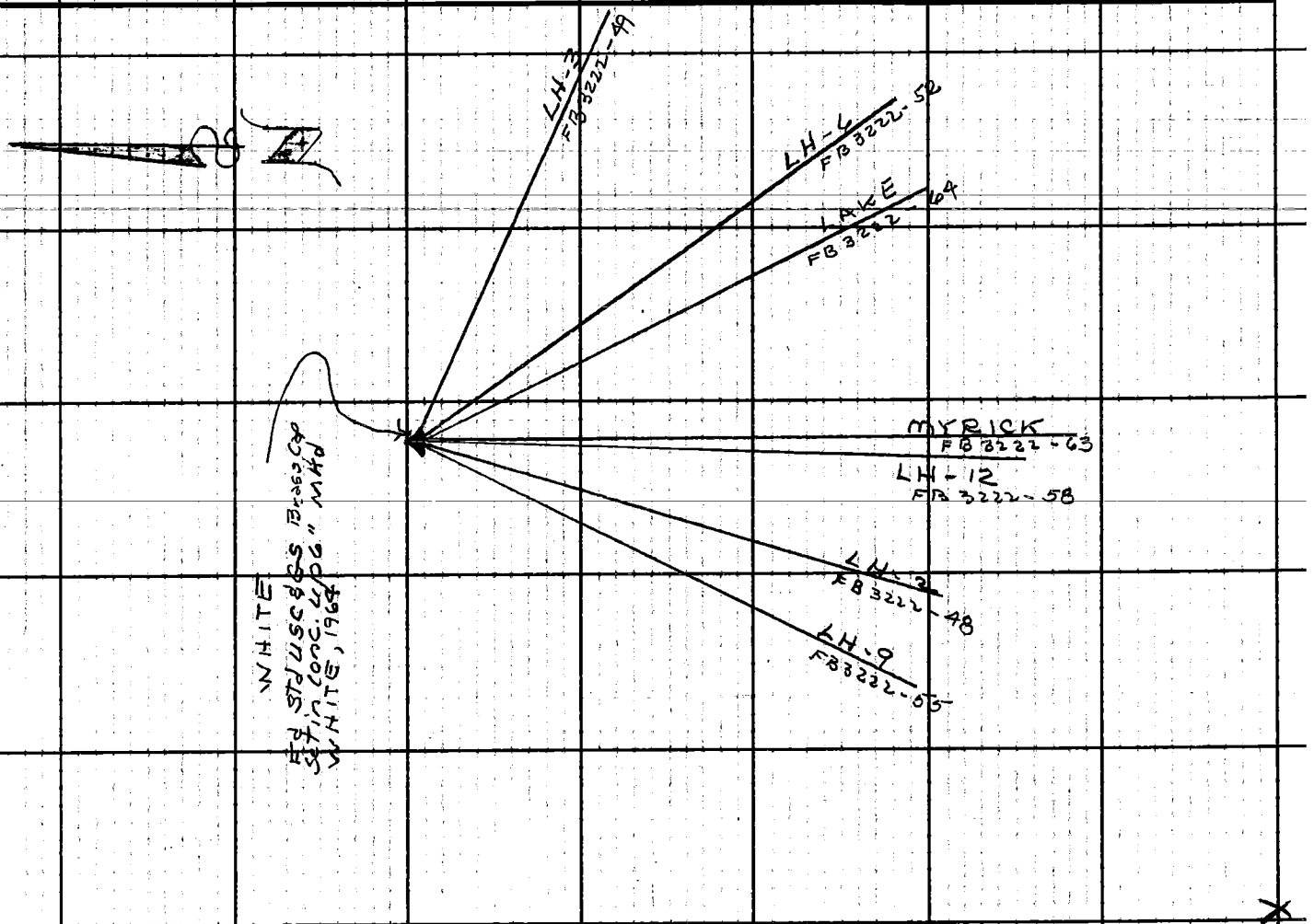

F. B. 3222 PG. 46

Notes Ck'd by	Survey of Lake Hughes Rd
Map No.	JN 0096.48 Tape 216 Std 84 °F
Office Work	Surveyed by EC De/C
Checked	Notes R.C.D. Date 4-2065
Date	Indexed C. J. GALL

F. B. 3222 PG. 47

LH-1

LH-1
Set 3/4" I.P.S.
Drilled C&A
Top Low Spur
Flush

Pg 21
Pg # 14,65

LH-2
Pg # 48

LH-3
Pg # 49

LH-4
Pg # 50

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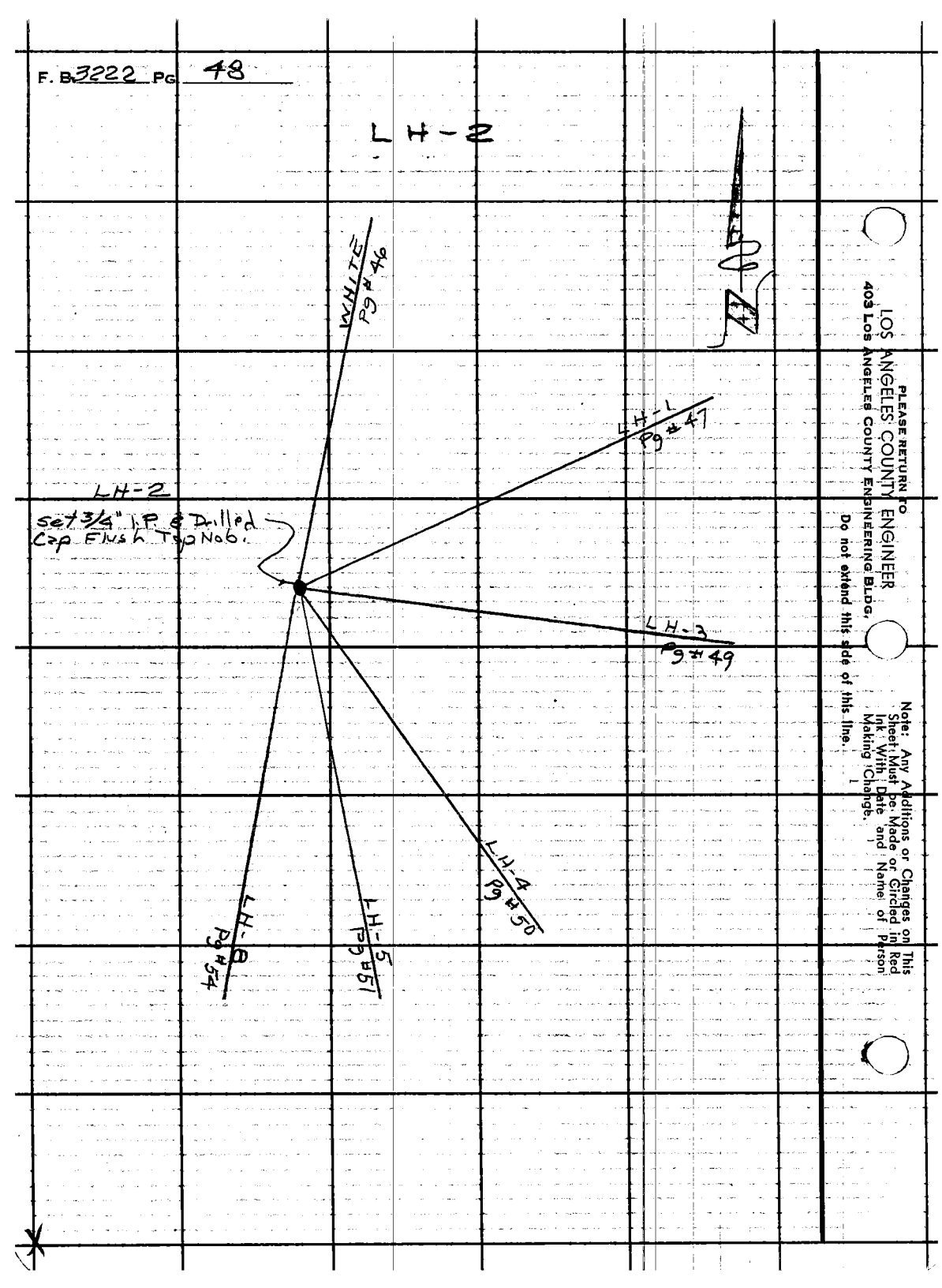
F. B. 3222 PG. 48

LH-2



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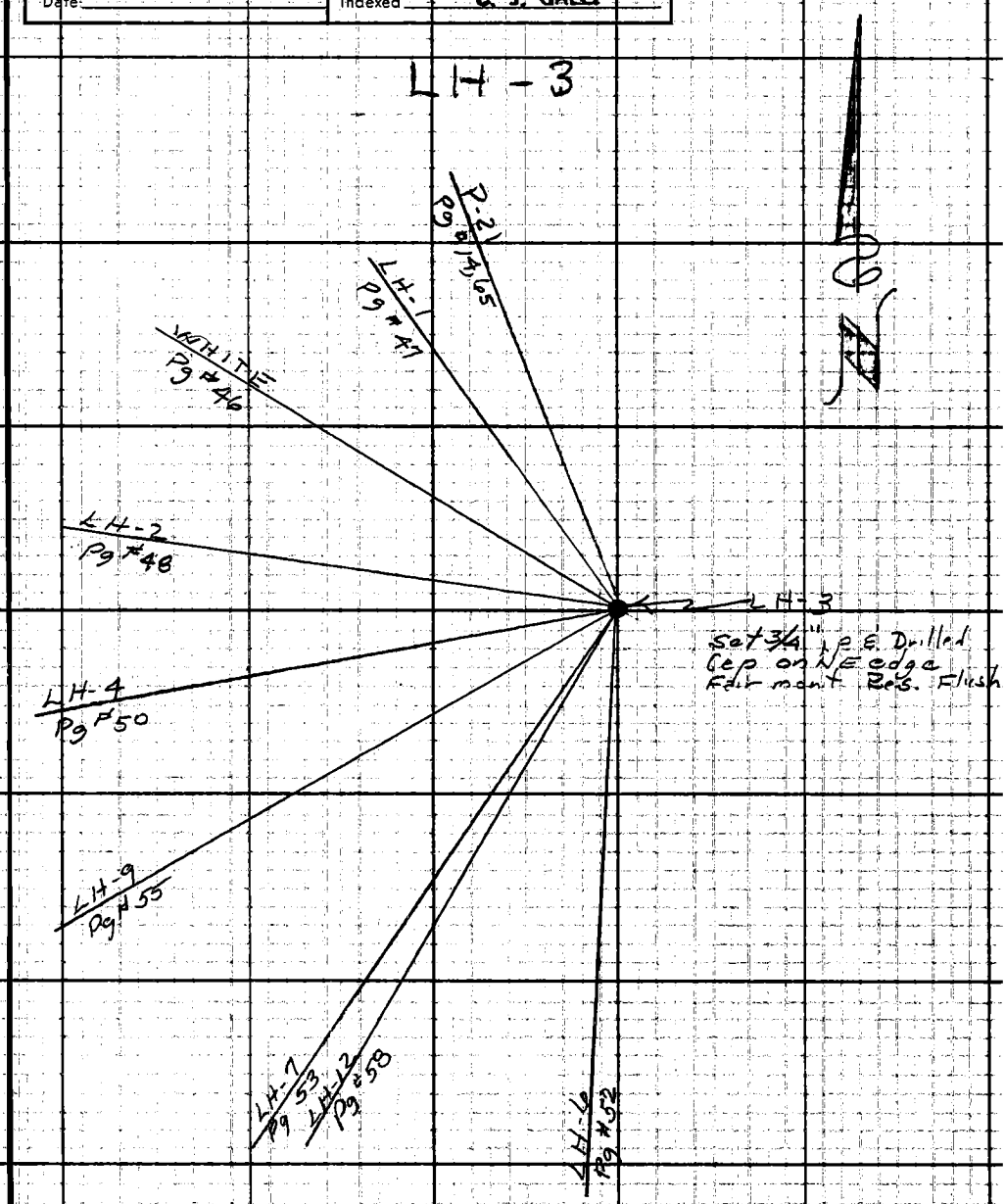
Notes Ck'd by	Survey of Lake Hughes Rd	F. B. 3222 PG. 49
Map No.	JN 009648 Tape 216 Std 84 °F	
Office Work	Surveyed by Rc Dek	
Checked	Notes RCD Date 4-23-65	
Date	Indexed C. J. GALLI	



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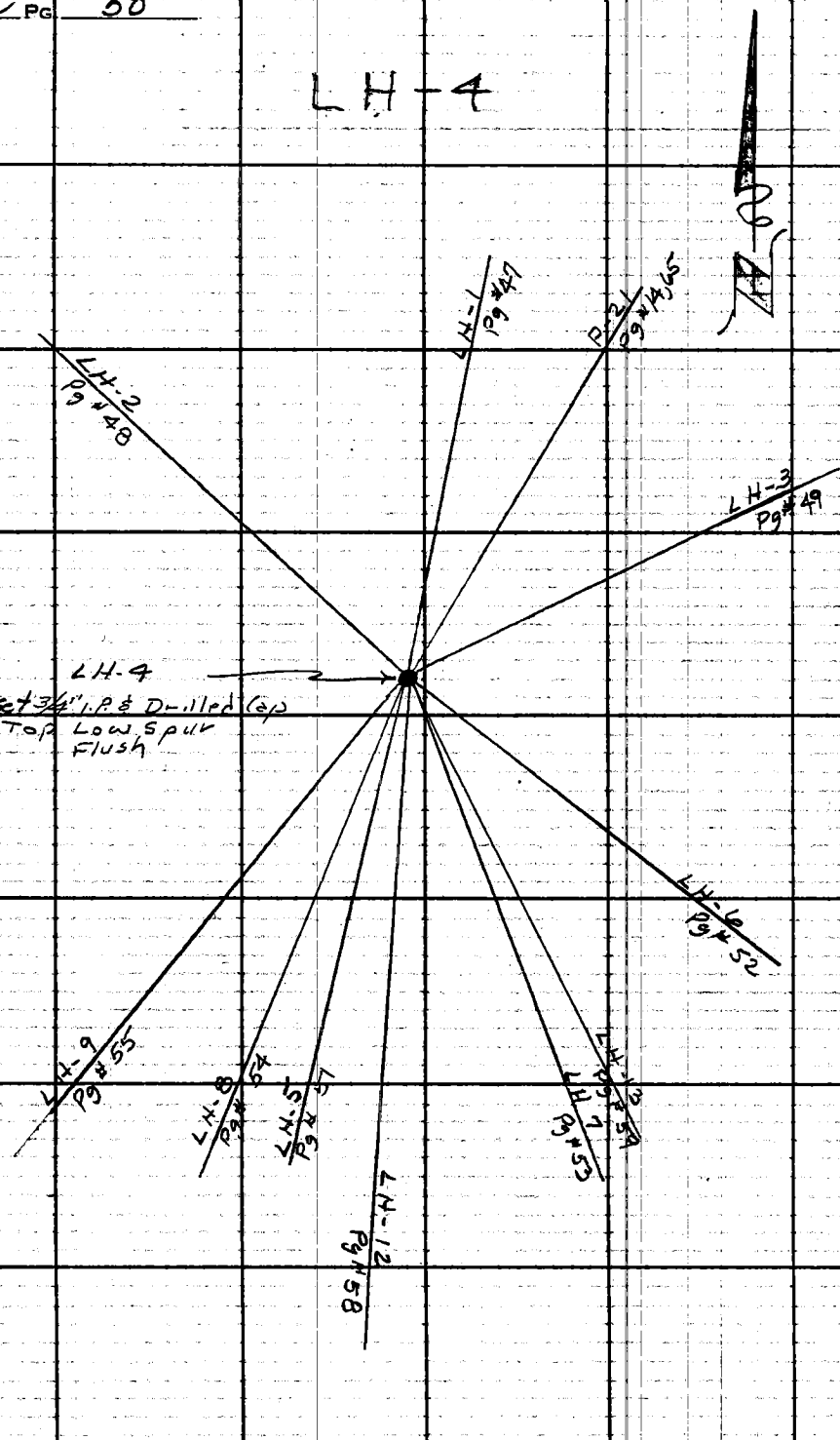
F. B. 3222 PG. 50

LH-4



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of Lake Hughes 12W
Map No.	JN 009648 Tape 2/6 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes R C D Date 7-20-65
Date	Indexed G. J. GALLE

F. B. 3222 PG. 51

LH-5

LH-2 Pg #48

LH-4 Pg #50

LH-5
Set 3/4" I.P. & Drilled
Cap Flush

LH-6 Pg #50

LH-7 Pg #53

LH-8 Pg #52

N

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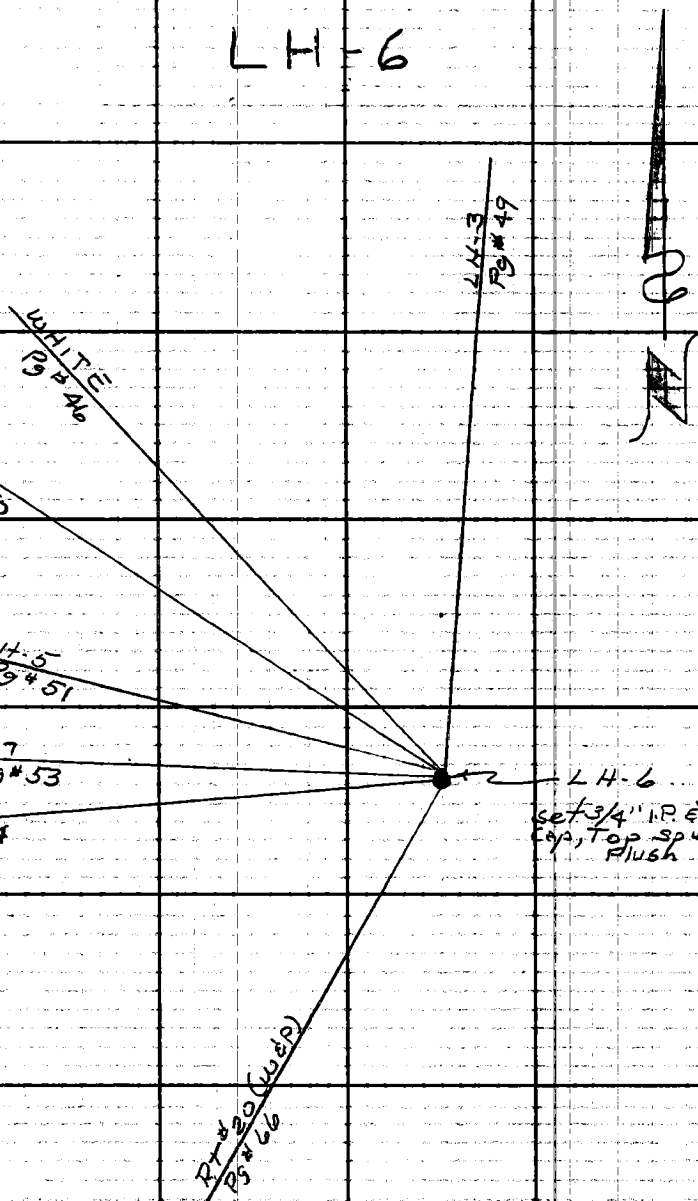
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-62

F. B. 3222 Pg. 52

LH-6



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403 Los Angeles County Engineering Bldg.

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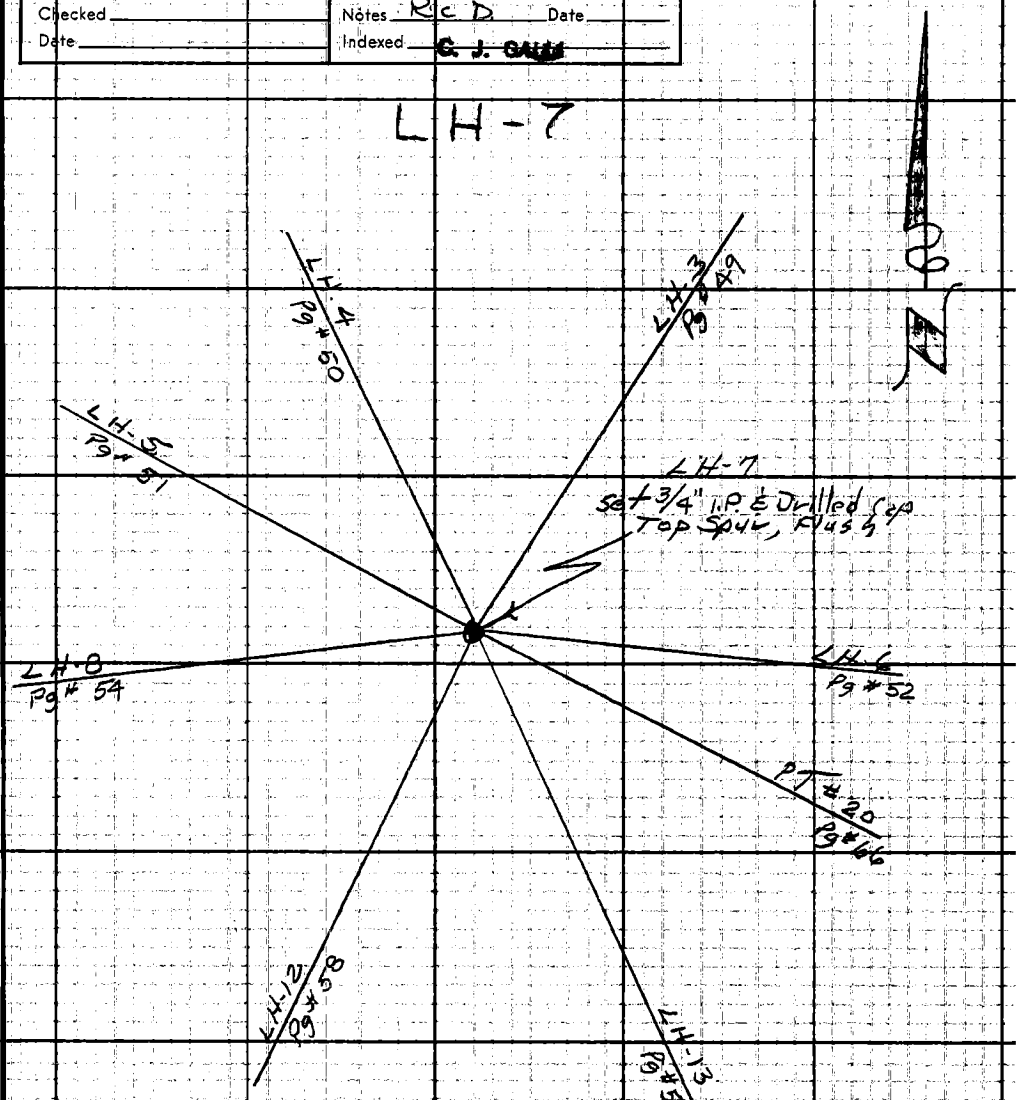
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Lake Hughes Rd	F. B. 3222 Pg. 53
Map No.	JN 0096 48 Tape 216 Std 94 °F	
Office Work	Surveyed by R C Dale	
Checked	Notes R C D Date	
Date	Indexed C. J. GALLE	



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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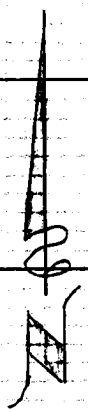
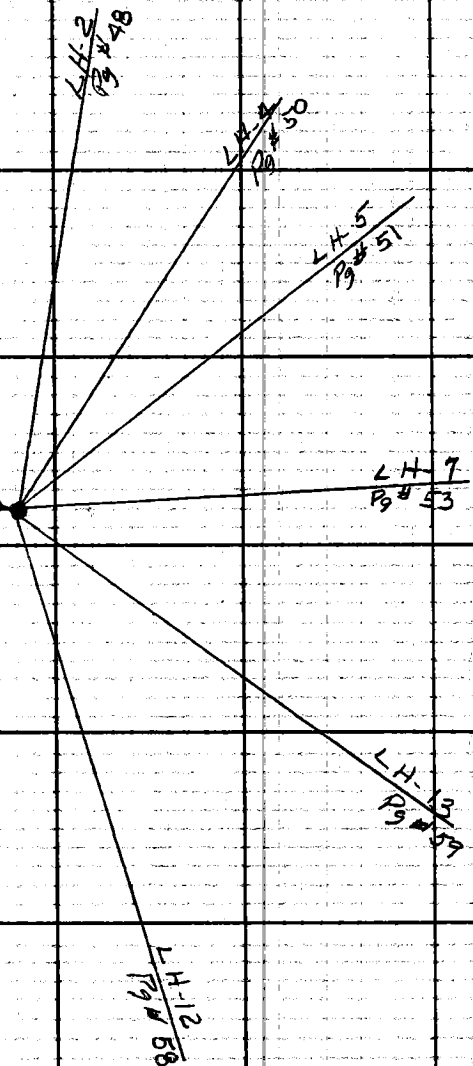
76F309S CE #3 0 6-62

F. B. 3222 Pg. 54

LH-8





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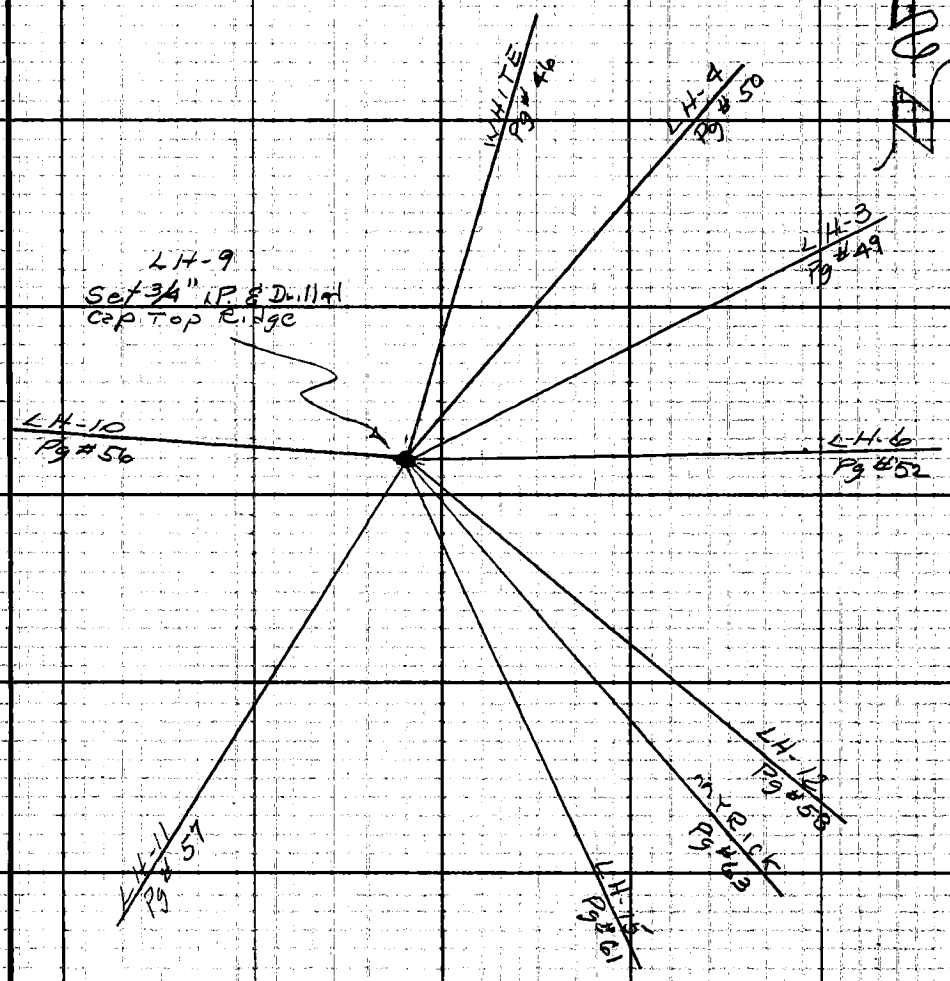
Notes Ck'd by	Survey of Lake Hughes Rd
Map No.	JN 0096.98 Tape 2½ Std 87 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D Date
Date	Indexed C. J. [illegible]

F. B. 3222 PG. 55

LH-9



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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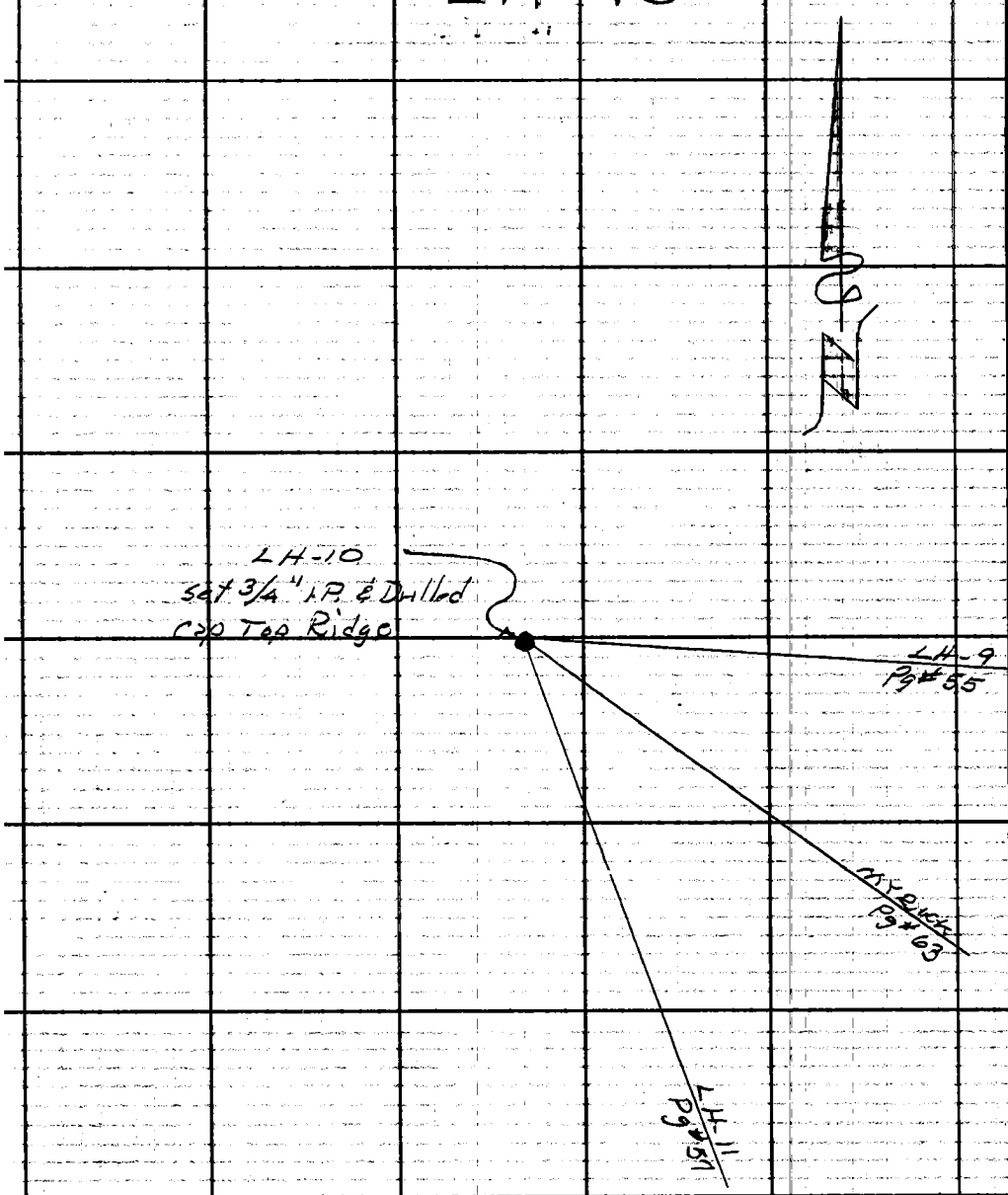
76F3095 CE #3 10-6-62

F. B. 3222 PG 56

LH-10



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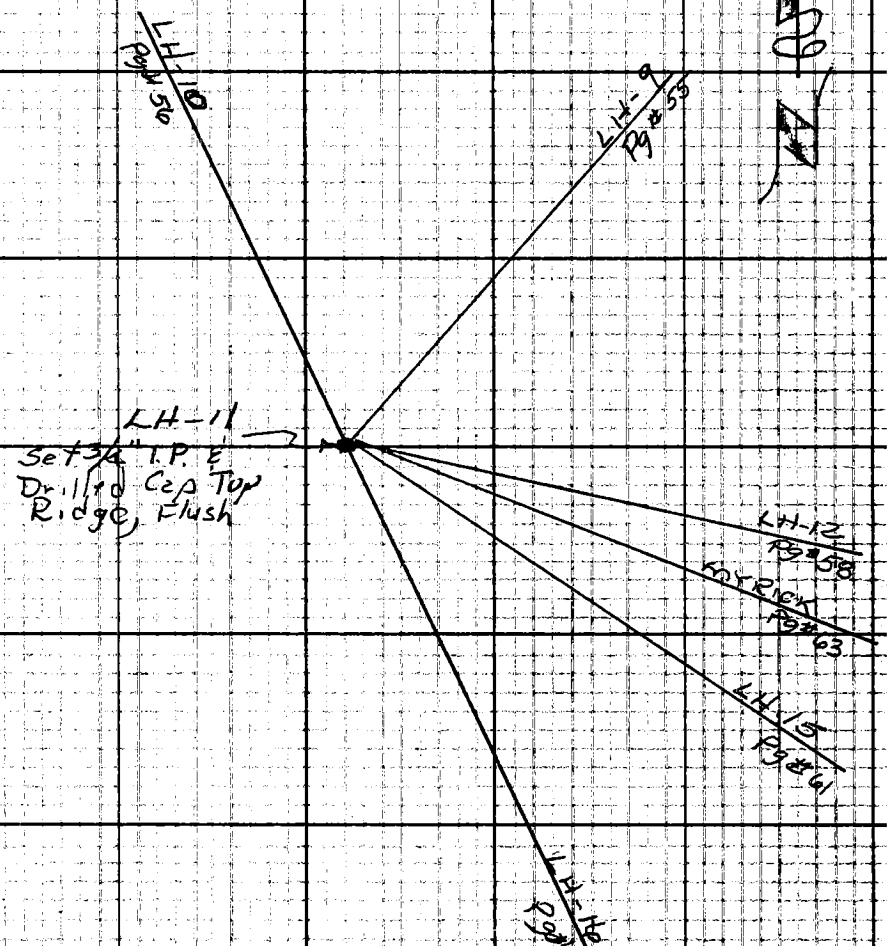
Notes Ck'd by	Survey of Lake Hughes Rd
Map No.	JN 009648 Tape 216 Std 89 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R C D Date
Date	Indexed C. L. GALLI

F. B. 3222 Pg. 57

LH-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.

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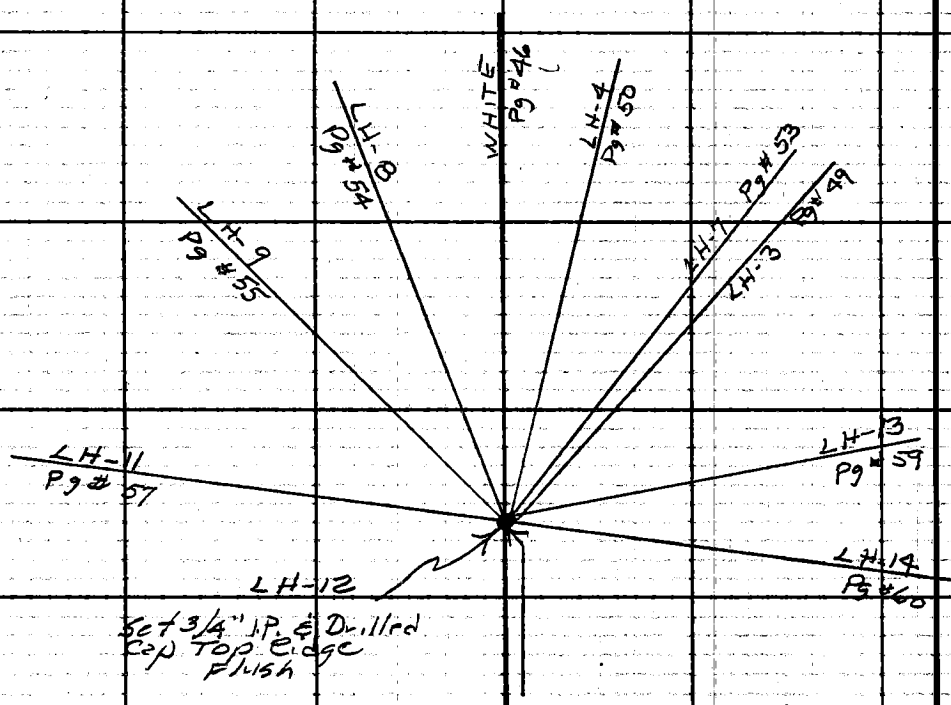
76F309S CE #310 6-62

F. B. 3222 Pg 58

LH-12



132.78 @ 5°45' T=46° = 132.08
132.68 @ 5°19' T=46° = 132.08 = 132.08
269.44 @ Lev T=46° = 269.37 = 269.37
188.55 @ 4°37' T=48° = 187.90
188.51 @ 4°24' T=48° = 187.91 = 187.90
171.49 @ 2°19' T=48° = 171.31
171.46 @ 2°02' T=48° = 171.31 = 171.31
93.67 @ Lev T=48° = 93.65 = 93.65
13.00 @ Lev T=48 = 13.00 13.00
867.31

867.31

ANY RICK
Fd

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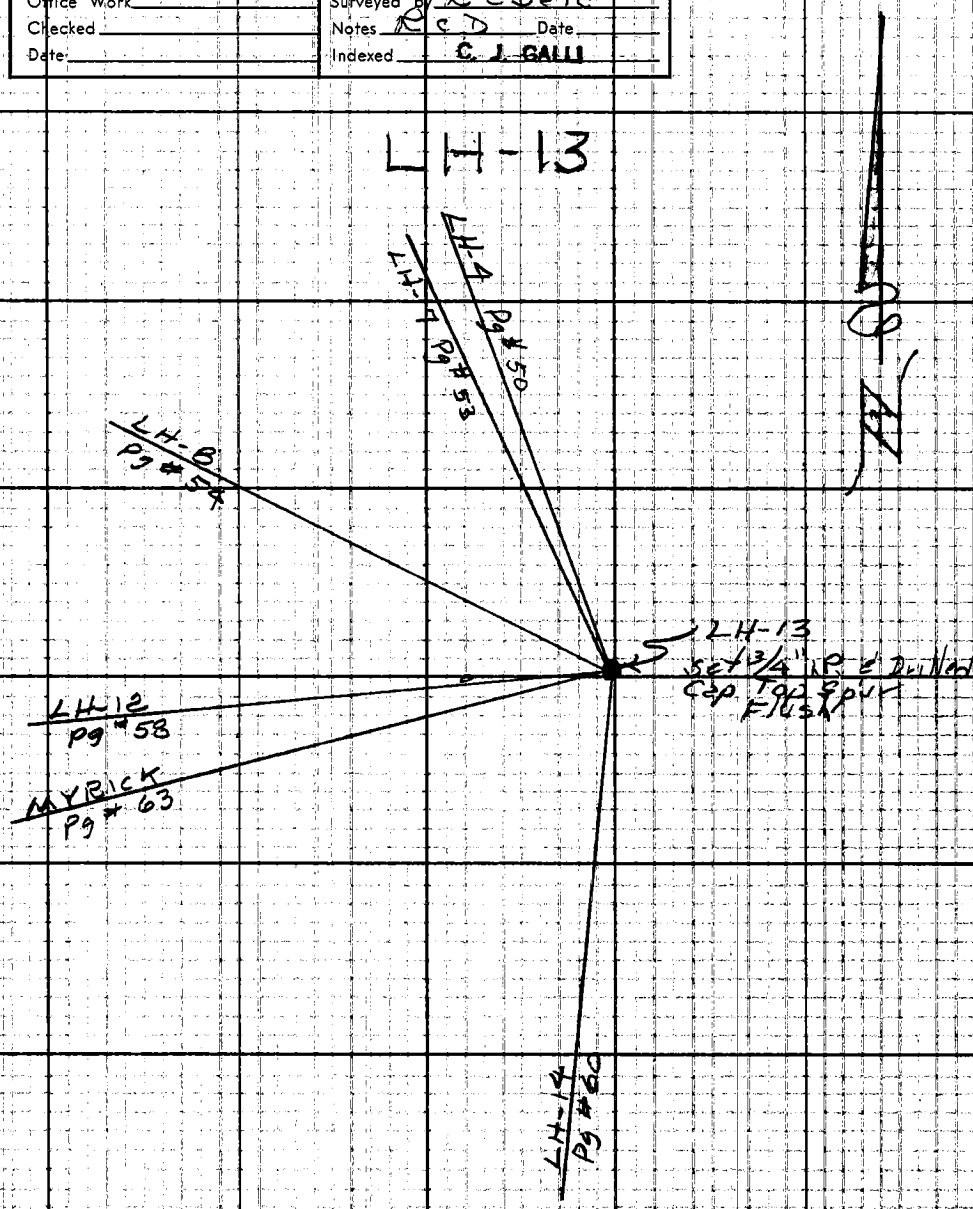
Notes Ck'd by	Survey of Lake Hughes Rd	F. B. 3222 Pg. 59
Map No.	JN 009658 Tape 216 Std 84 °F	
Office Work	Surveyed by R C Dale	
Checked	Notes R C D Date	
Date	Indexed C. J. GALLI	



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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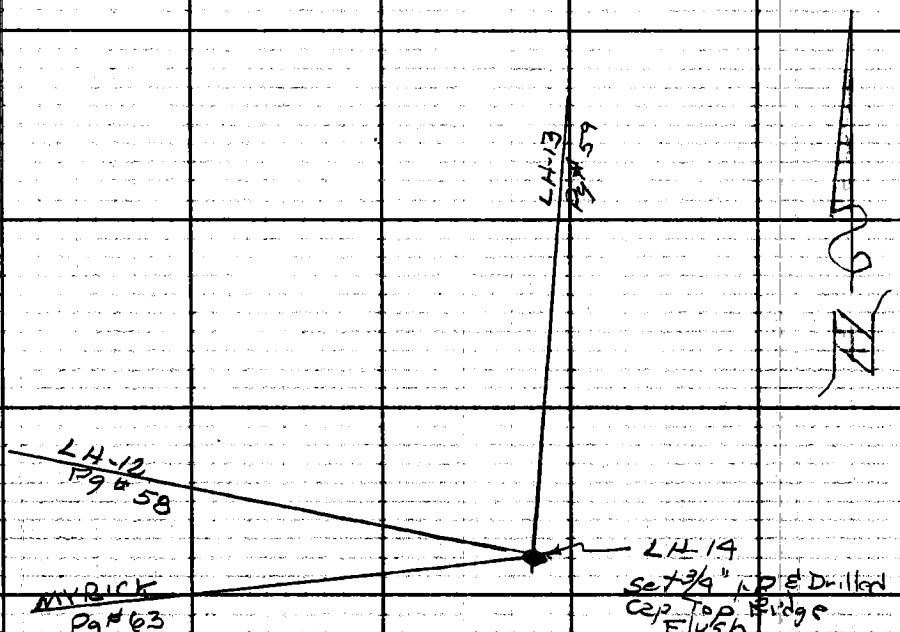
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B. 3222 Pg 60

LH-14



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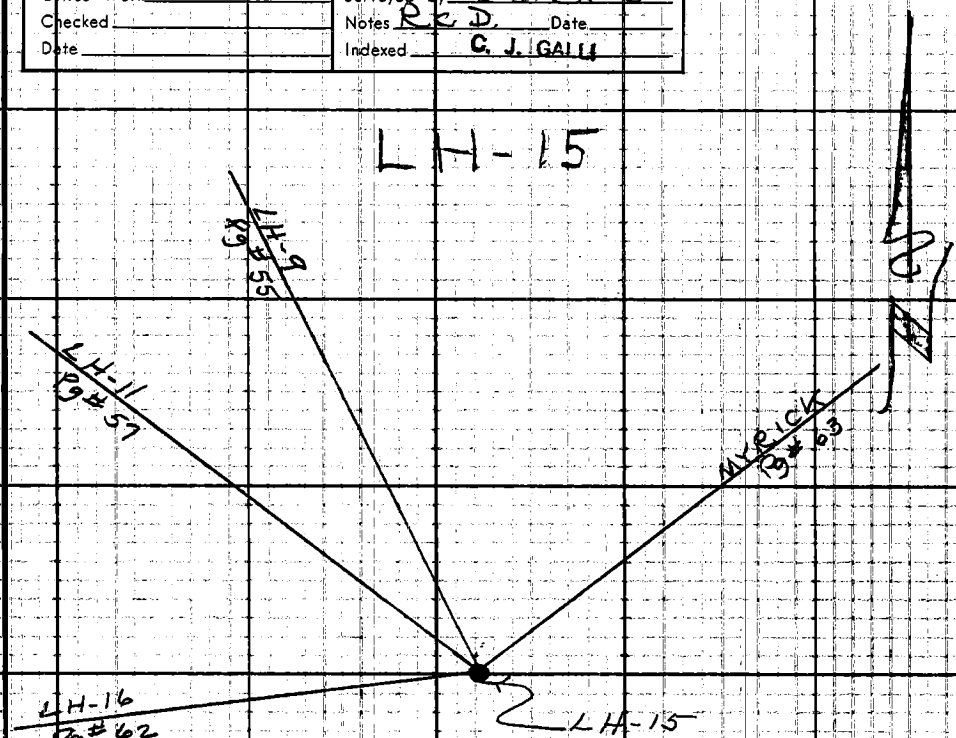
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Lake Hughes Rd
JN 0096.49 Tape 256 Std 84 °F
Surveyed by R. C. Dale
Notes R & D. Date
Indexed C. J. GALLI

F. B. 7222 PG. 61

LH-15



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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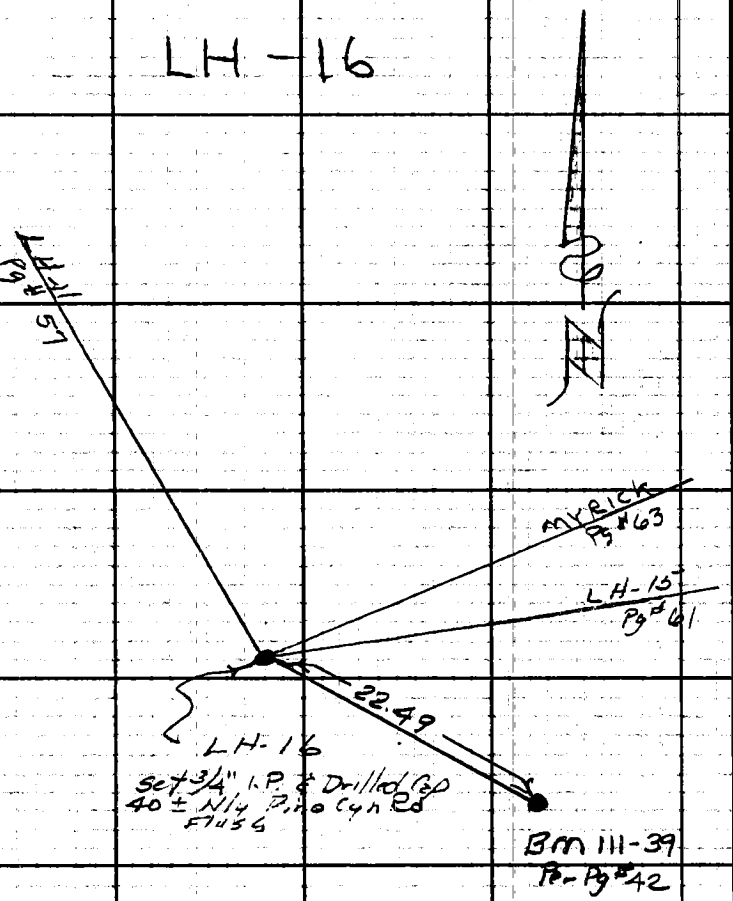
403 Los Angeles County Engineering Bldg.

76F309S CE #310 6-62

F. B. 3222 PG. 62

LH-16



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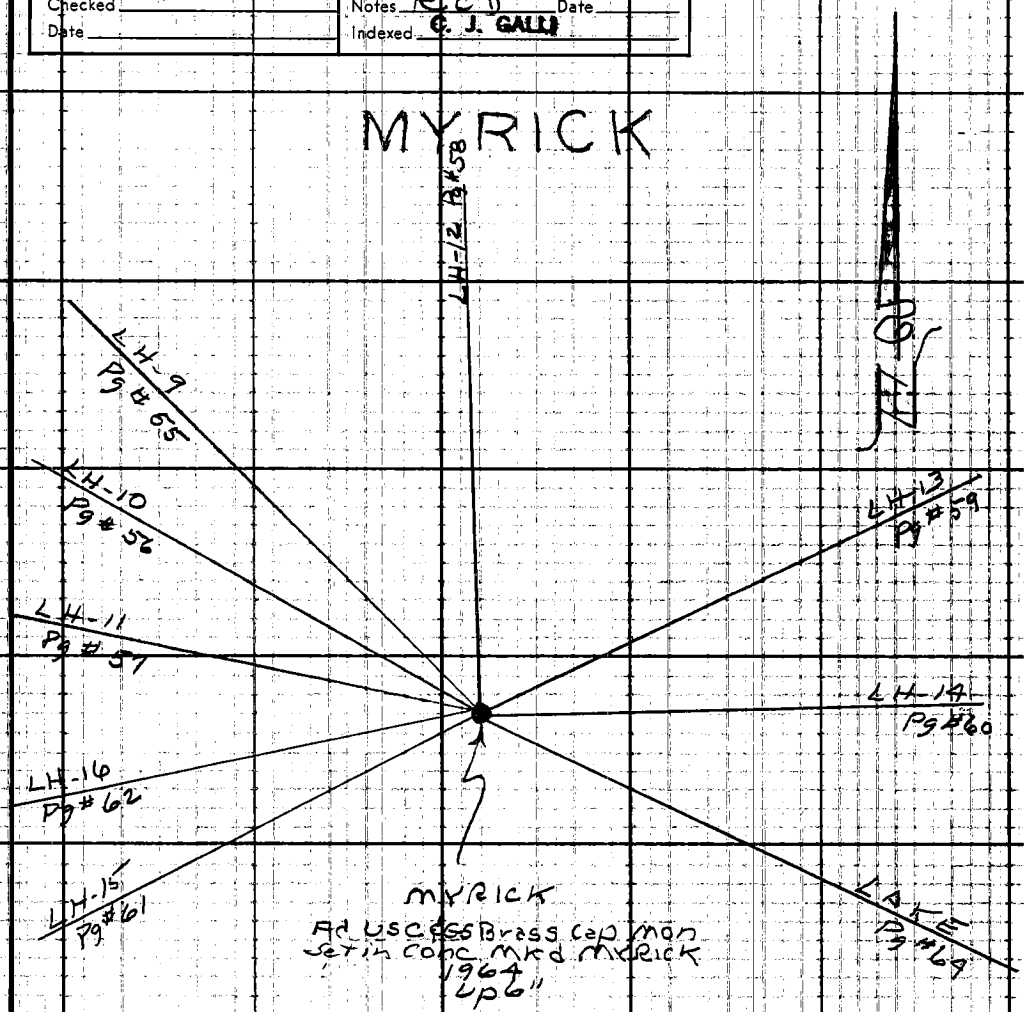
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Lake Hughes PN
Map No.	JN0096.48 Tape 216 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes RCD Date
Date	Indexed C. J. GALLI

F. B. 3222 PG. 63



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

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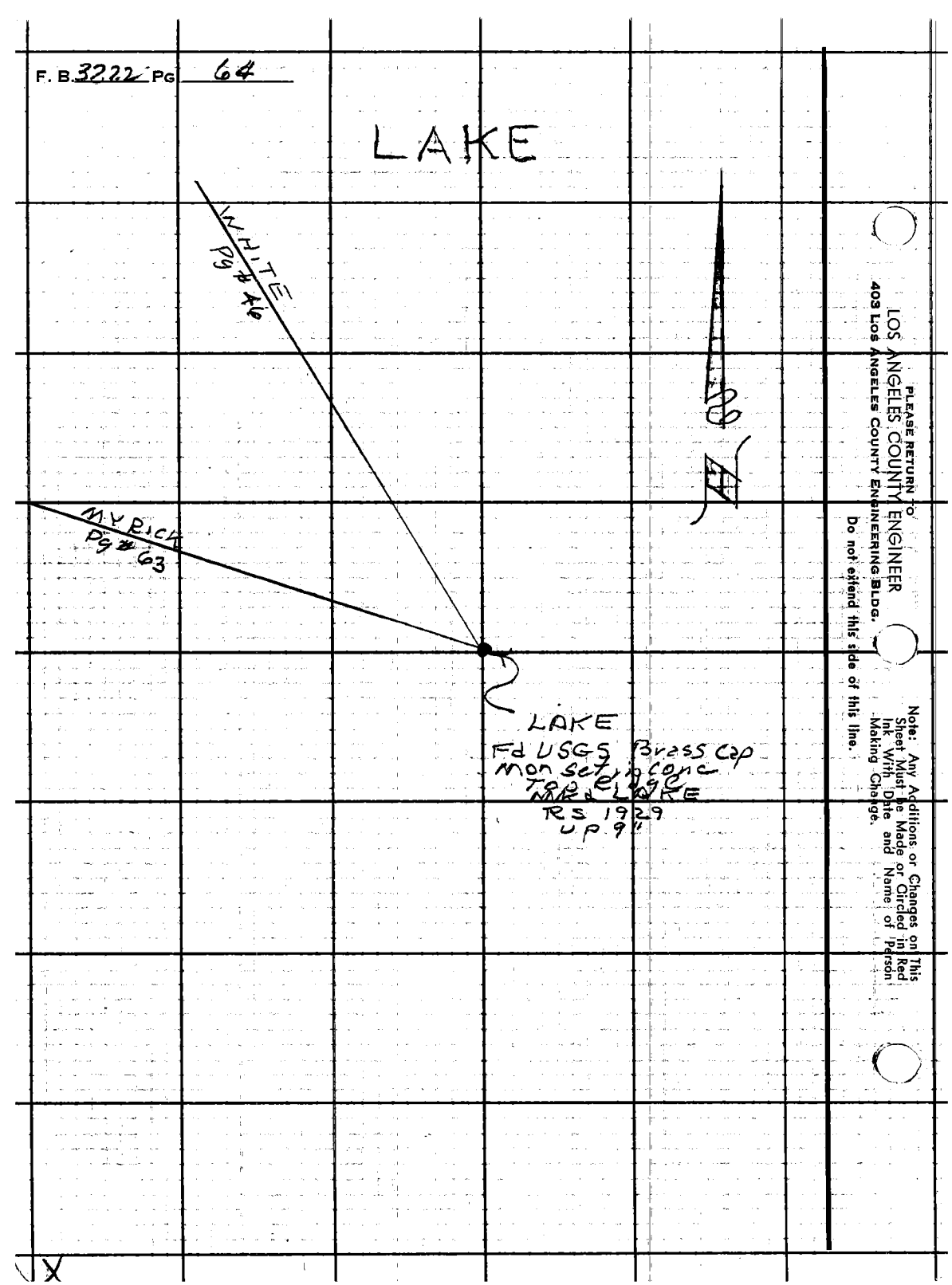
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B. 3222 PG 64



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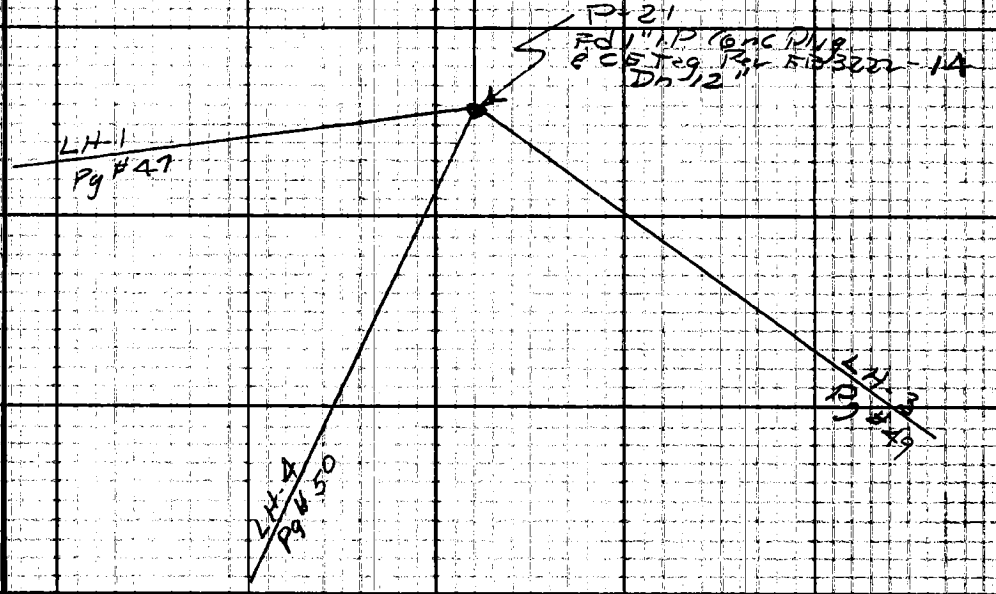
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Lake Hughes Rd
JN 0096.48 Tape 216 Std 84 °F
Surveyed by RCD 2-16
Notes RCD Date
Indexed C. J. GALLI

F. B. 3222 PG. 65

P-21

"P" 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.

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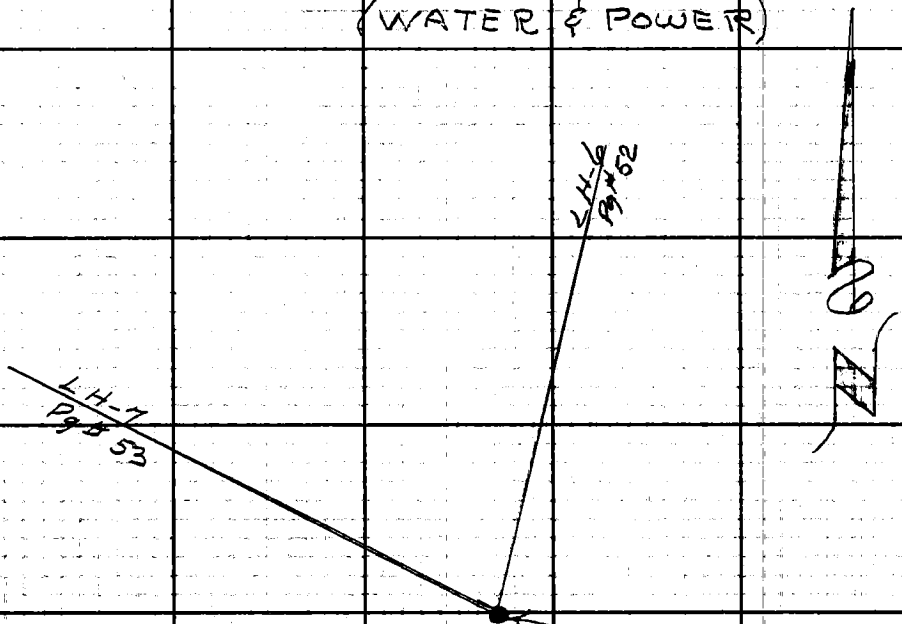
76F3095 CE #310 6-62

4

F. B. 3222 PG 66

PT-20
(WATER & POWER)



PT # 20
Fd 2" I.P. & Cap
on # Elizabeth Tunnel
Gravity PT #20
Station 43+06.965
S. Poke with Metal
Tag mkt No-20
Elev =
(L.A.A. Datum)
Per W & Power FB. on
Elizabeth Lake Tunnel
Pg # 5

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Notes Ck'd by	Survey of 170TH ST. WEST
Map No. B-2980	J.N. 009648 Tape Std 84 °F
Office Work T. H. BURNS	Surveyed by J.C. PIERCE
Checked G. E. BARR	Notes J.C. PIERCE Date 7-26-65
Date	Indexed J. C. [illegible]

F.B. 3282 Pg. 67

J.N. 009648

170TH STREET WEST

A SEARCH FOR POINTS OR OTHER EVIDENCE IN R.S. 42-98

PIERCE
VANNESS
TALBOT
ALBRIGHT

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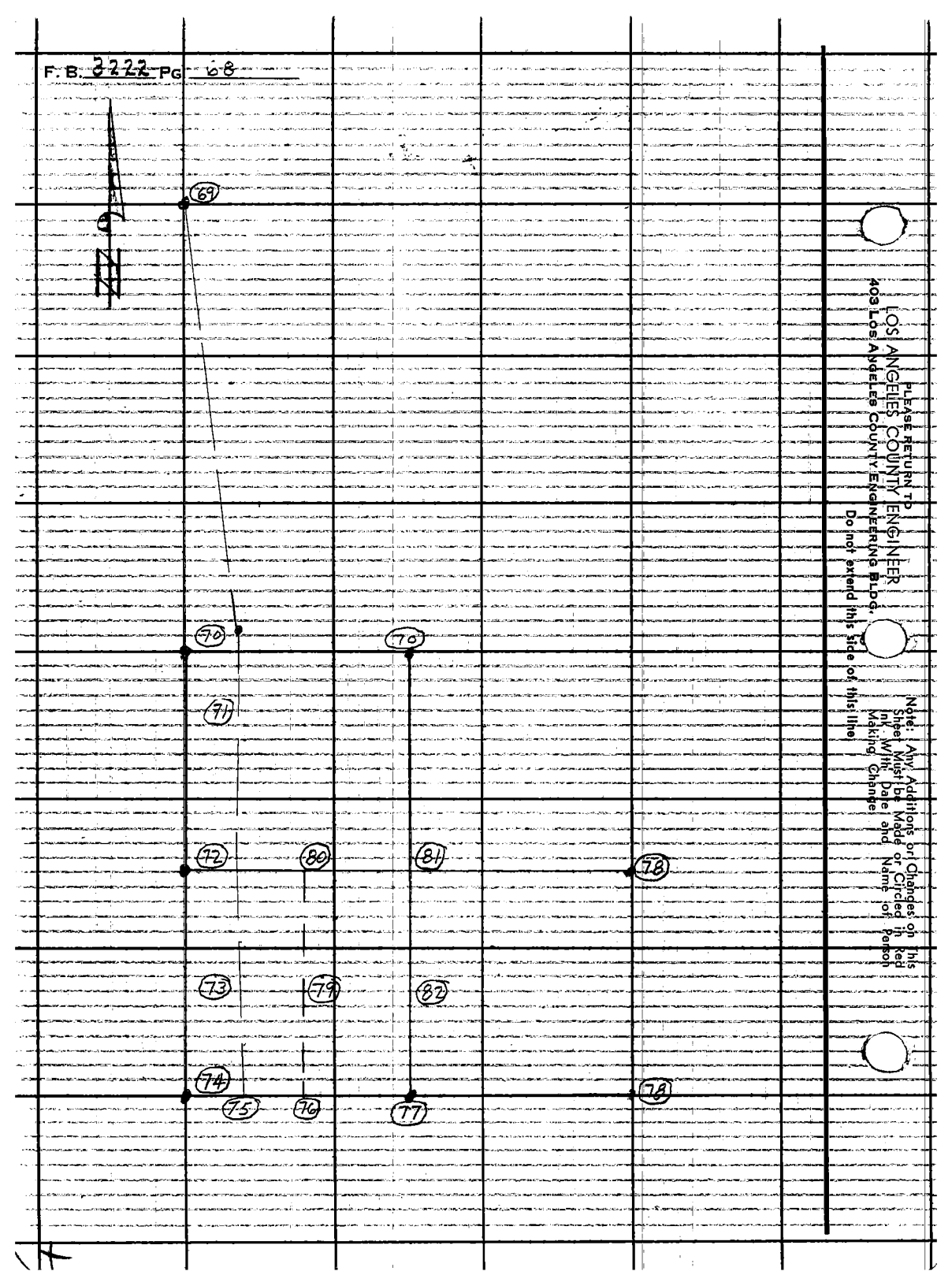
76F309S CE #310 6-63

F. B. 3222 PG. 68



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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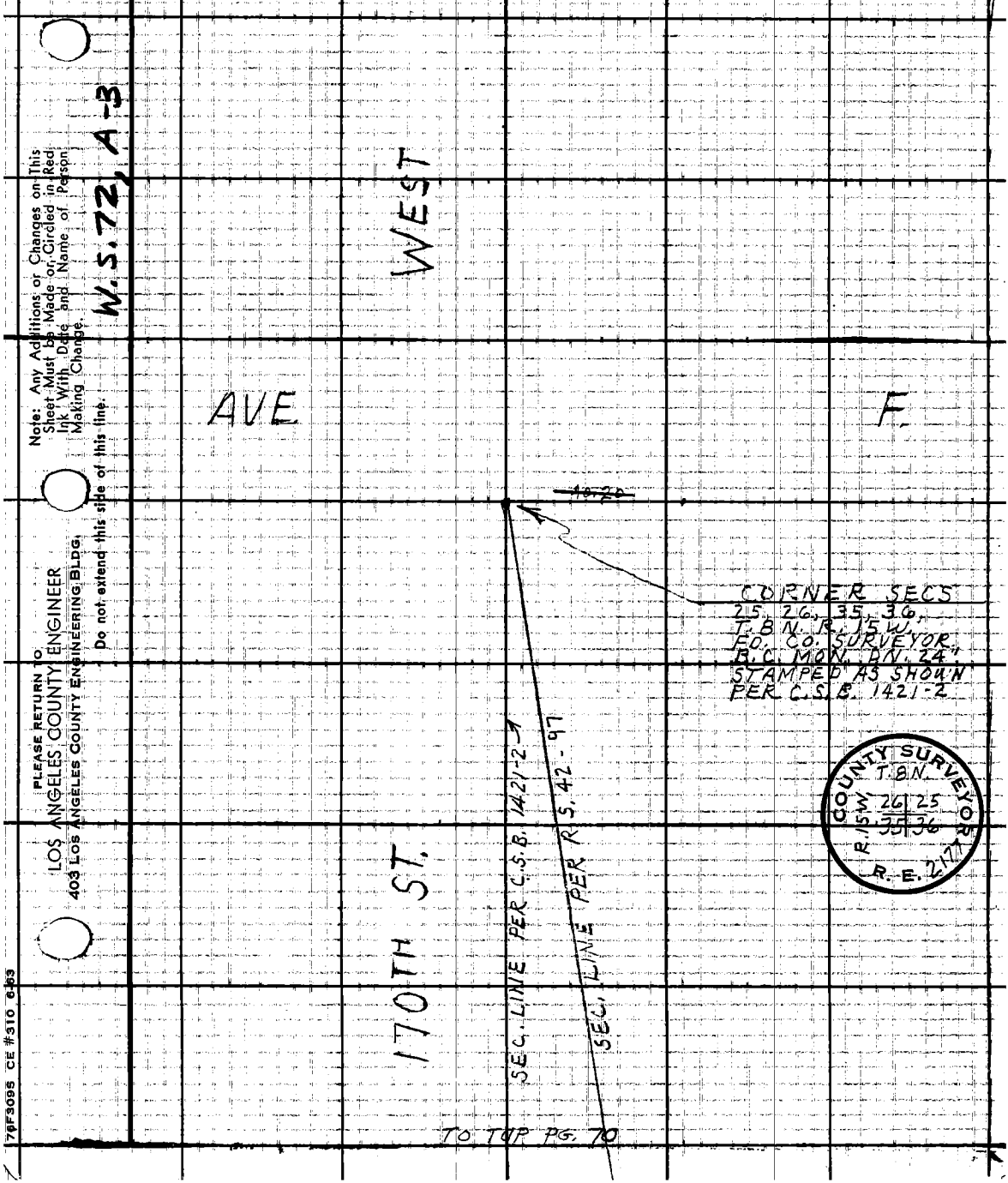
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

Notes Ck'd by W. Brenner	Survey of 170 TH ST. W.
Map No. B-2980	JN 009648 Tape 152 Std 84 °F
Office Work T. H. BURNS	Surveyed by J. C. PIERCE
Checked G. E. BARR	Notes J. C. PIERCE Date 8-2-65
Date	Indexed C. J. GALLI

F. B. 3222 PG. 69



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.

76F3095 CE #310 6-63

F. B. 3222 PG 70

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

W.S. 72,73

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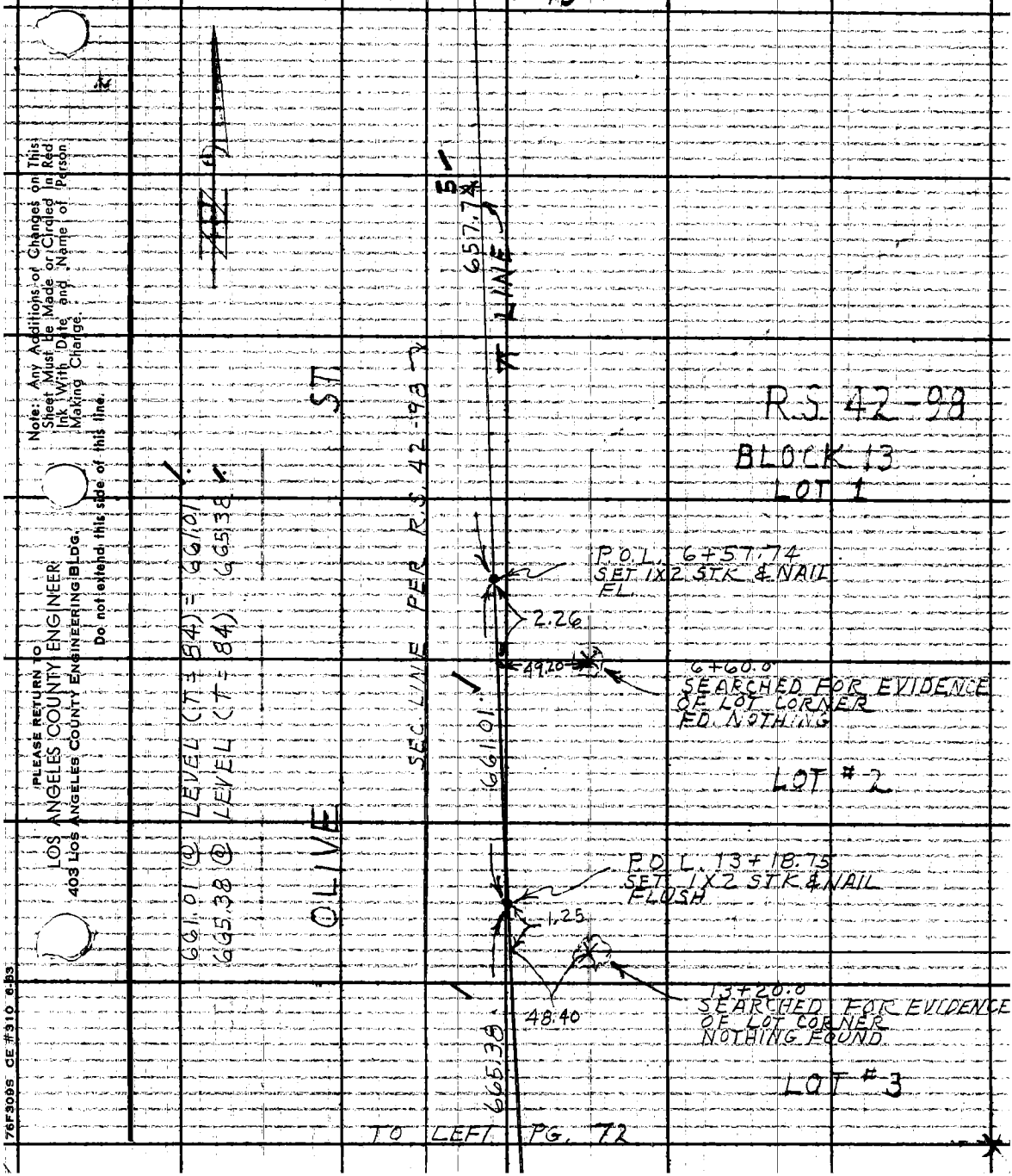
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

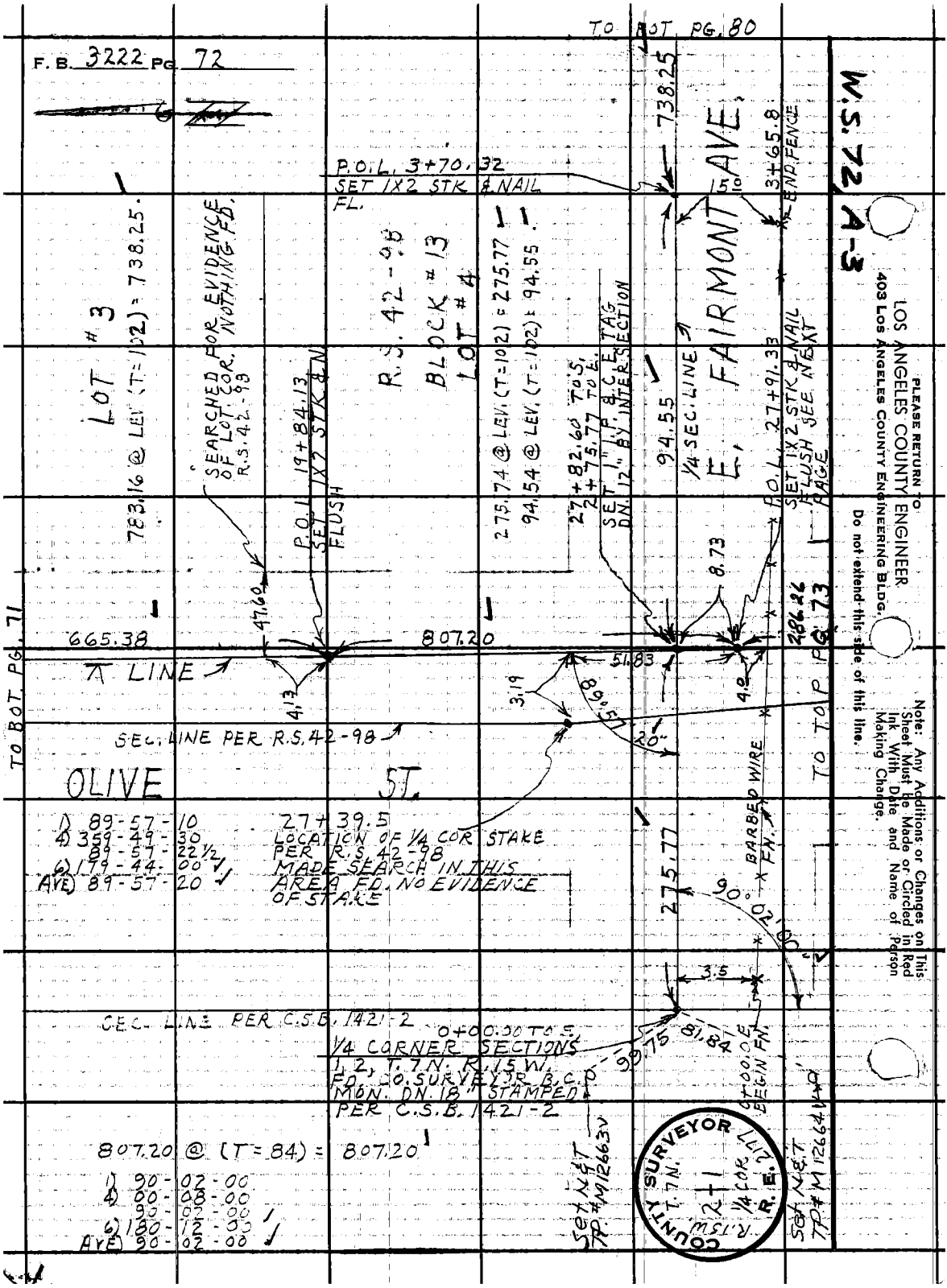
Notes Ck'd by W. Brenner	Survey of 170TH ST. WEST		F.B. 3222 Pg. 71
Map No. B-2980	JN 0096.48 Tape 152 Std 84 °F		
Office Work T. H. BURNS	Surveyed by J. C. PIERCE		
Checked G. E. BARR	Notes J. C. PIERCE Date 8-3-65		
Date	Indexed C. J. GALLI		

TO BOT. PG. 70



TO LEFT PG. 72

Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend this side of this line.
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S CE #310 6-63


F.B. 3222 PG. 72
TO BOT. PG. 80
W.S. 72, A-3
P.O.L. 3+70.32
SET 1X2 STK & NAIL
FL.
738.25
15°
3+65.8
END FENCE
E. FAIRMONT AVE.
LOT # 3
783.16 @ LEV (T=102) = 738.25
SEARCHED FOR EVIDENCE OF LOT COR. NOTHING FD. R.S. 42-98
P.O.L. 19+84.13
SET 1X2 STK & N
FLUSH
R.S. 42-98
BLOCK # 13
LOT # 4
275.74 @ LEV. (T=102) = 275.77
94.54 @ LEV. (T=102) = 94.55
27+82.60 TO S.
2+75.77 TO E.
SET 1" I.P. & C.E. TAG
DN. 12" BY INTERSECTION
94.55
1/4 SEC. LINE
P.O.L. 27+91.33
SET 1X2 STK & NAIL
FLUSH SEE NEXT PAGE
8.73
286.26
47.60
665.38
807.20
51.83
4.13
3.19
89°57'20"
4.0
TO BOT. PG. 71
TO TOP PG. 73
LINE
SEC. LINE PER R.S. 42-98
OLIVE ST.
1) 89-57-10
4) 359-49-30
89-57-22½
6) 179-44-00
AVE) 89-57-20
27+39.5
LOCATION OF 1/4 COR STAKE PER R.S. 42-98
MADE SEARCH IN THIS AREA FD. NO EVIDENCE OF STAKE
BARBED WIRE FN.
275.77
90°02'00"
3.5
SEC. LINE PER C.S.B. 1421-2
0+00.00 TO E.
1/4 CORNER SECTIONS 1, 2, T. 7 N. R. 15 W.
FD. CO. SURVEYOR B.C.P.
MON. DN. 18" STAMPED PER C.S.B. 1421-2
99.75
81.84
0+00.0 E BEGIN FN.
807.20 @ (T=84) = 807.20
1) 90-02-00
4) 00-08-00
90-02-00
6) 180-12-00
AVE) 90-02-00
SET N&T TP. #M12663V
COUNTY SURVEYOR
R.15W. T.7N.
2+1
1/4 COR.
R.E. 2177
SET N&T TP. #M12664V
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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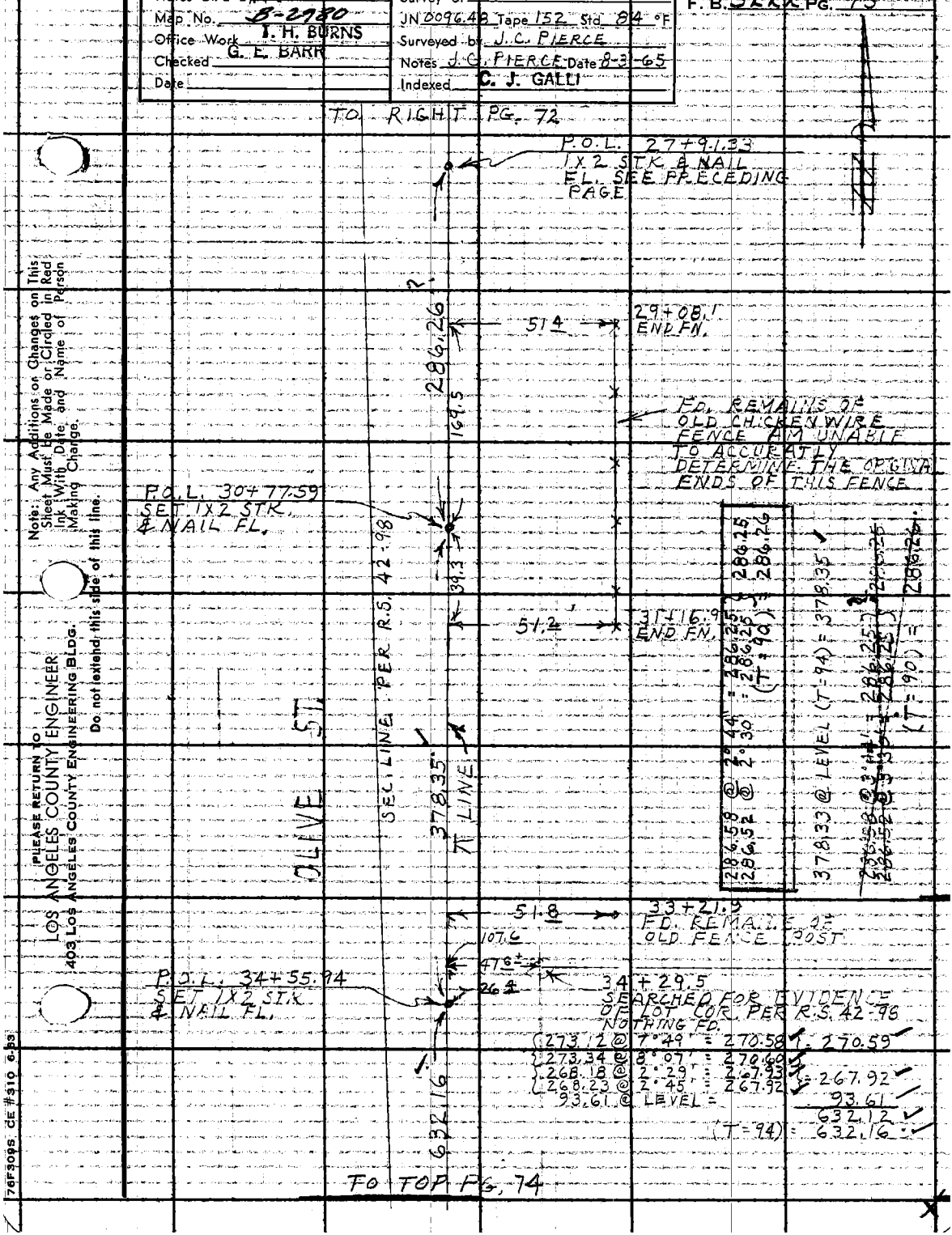
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. Brenner	Survey of 170TH ST. WEST
Map No. B-2980	JN 0096.48 Tape 152 Std 84 °F
Office Work I. H. BURNS	Surveyed by J. C. PIERCE
Checked G. E. BARR	Notes J. C. PIERCE Date 8-3-65
Date	Indexed C. J. GALLI

F. B. 3222 PG. 73



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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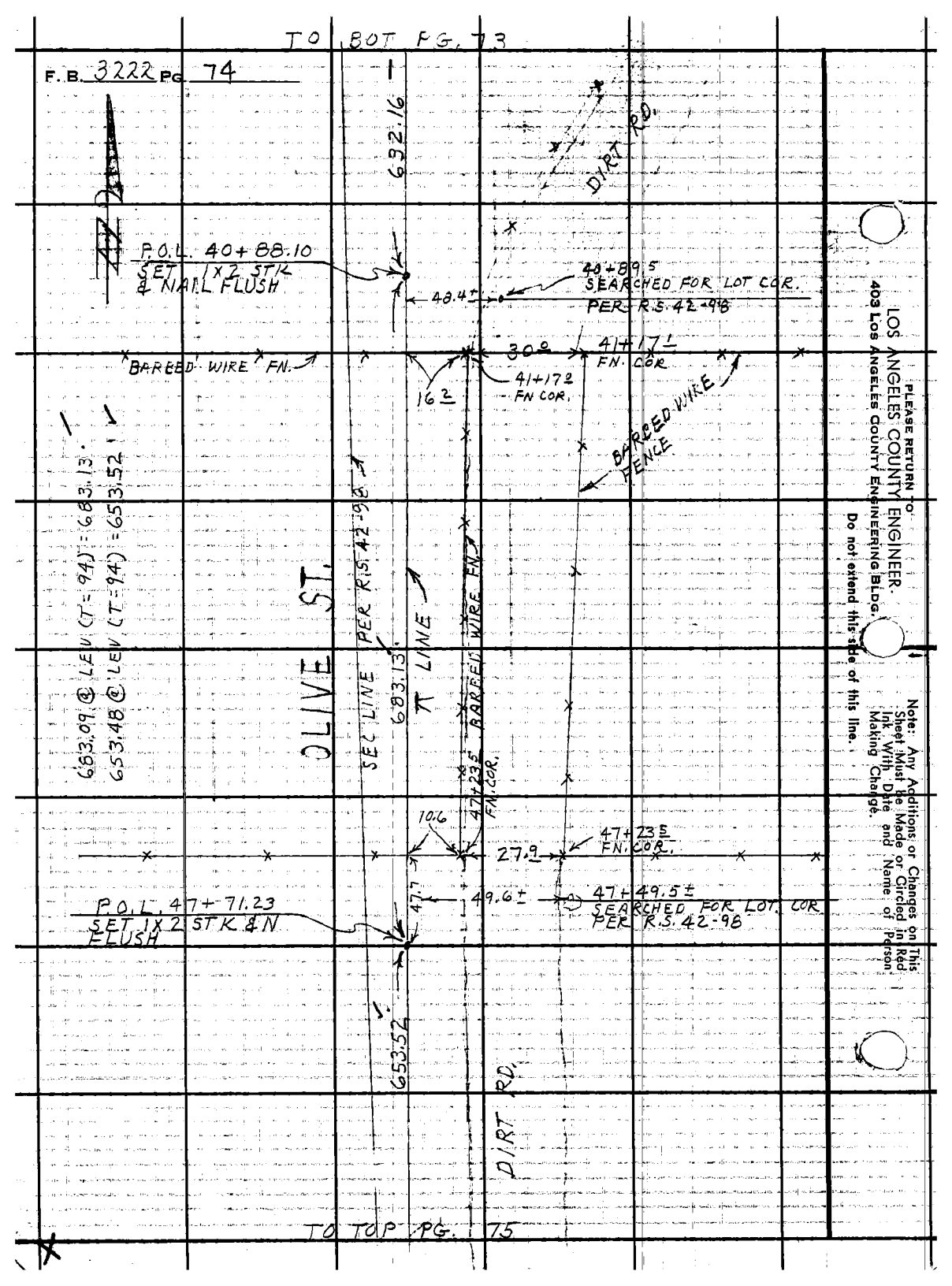
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

TO BOT PG. 73

F.B. 3222 PG. 74



TO TOP PG. 75

LOS ANGELES COUNTY ENGINEER.
403 Los Angeles County Engineering Bldg.

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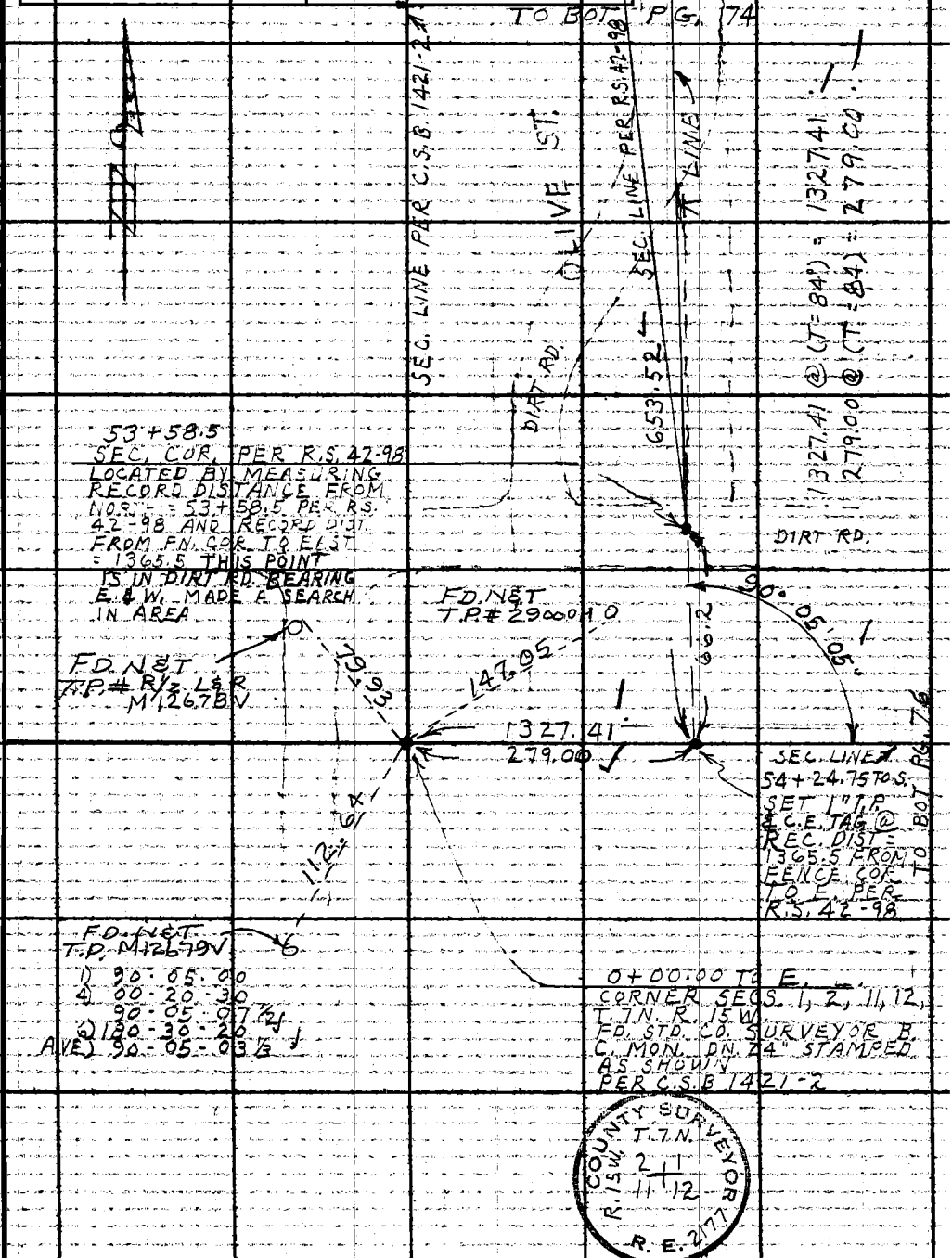
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. Brenner	Survey of 170TH ST. WEST
Map No. 8-2980	JN 009648 Tape 152 Std 84 °F
Office Work T. H. BURNS	Surveyed by J. C. PIERCE
Checked G. E. BARR	Notes J. C. PIERCE Date 7-27-65
Date	Indexed C. J. GALLI

F. B. 3222 PG. 75



W.S. 72, A-4

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

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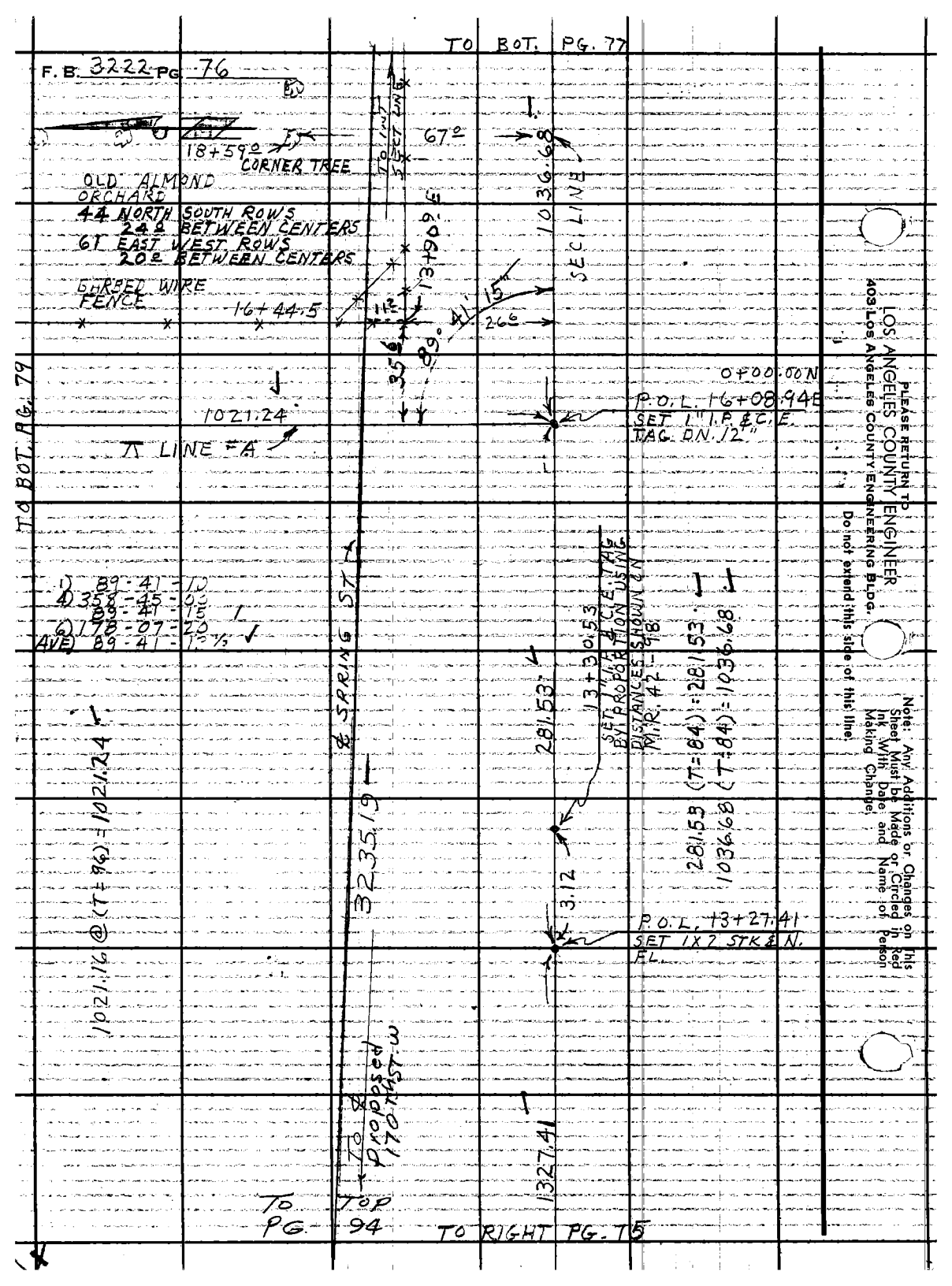
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-63



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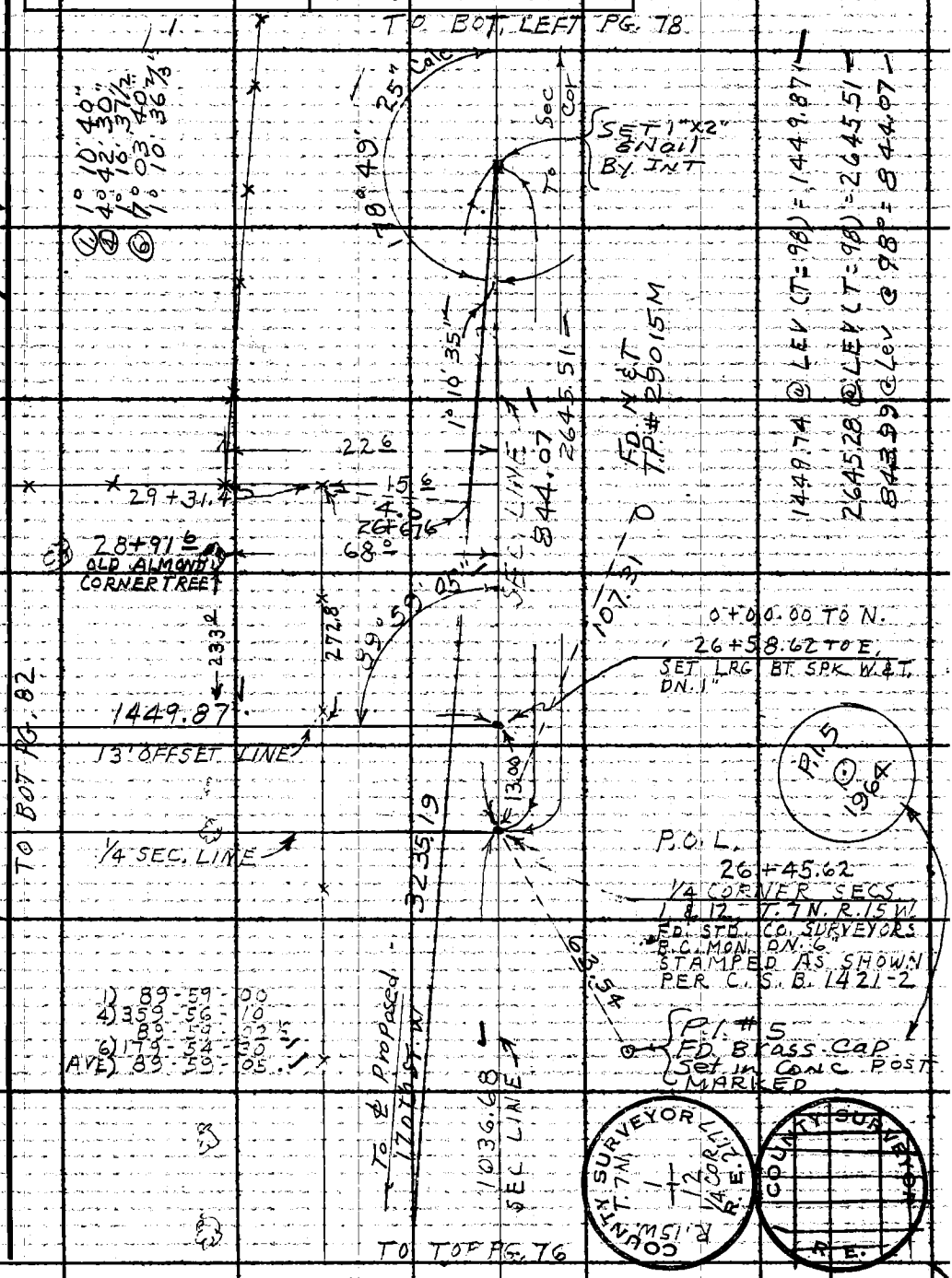
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	W. Brenner	Survey of	170 TH ST. WEST
Map No.	4-2980	JN	0096.48 Tape 152 Std 84 °F
Office Work	T. H. BURNS	Surveyed by	J. C. PIERCE
Checked	G. E. BARR	Notes	J. C. PIERCE Date 7-28-65
Date		Indexed	C. J. GALLI

F.B. 3222 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.

W.S. 72, B-4

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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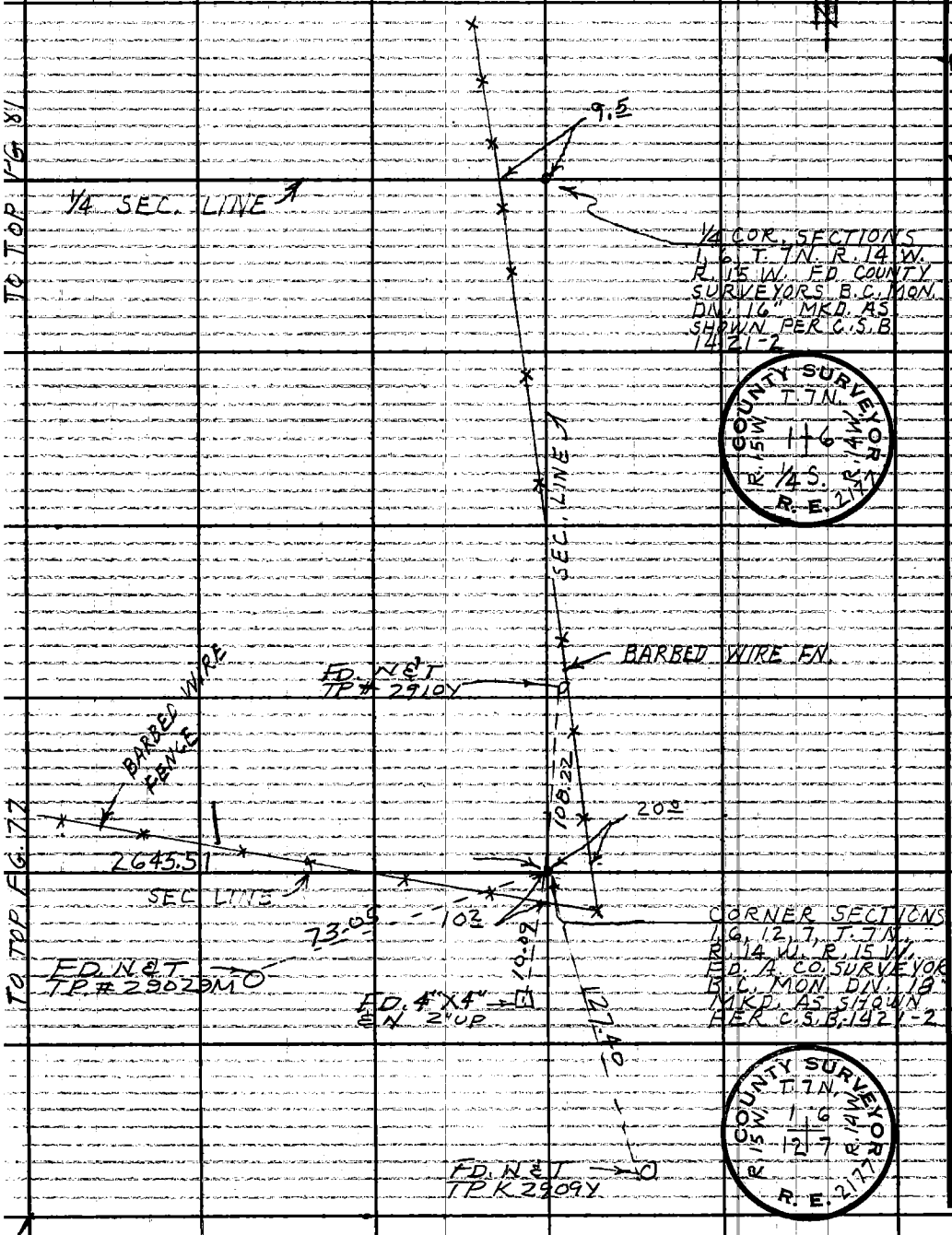
76F309S CE #310 6-63

F. B. 3222 PG 78

W.S. 72, B-3 & B-4



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

Notes Ck'd by W. Brenner | Survey of 170TH ST. W. | F.B. 3222 PG. 79
Map No. B-2480 | JN 0096.98 Tape 152 Std 84 °F
Office Work I. H. BURNS | Surveyed by J.C. PIERCE
Checked G. E. BARR | Notes J.C.P. Date 7-28-65
Date | Indexed C. J. GALL

TO RIGHT PG. 80

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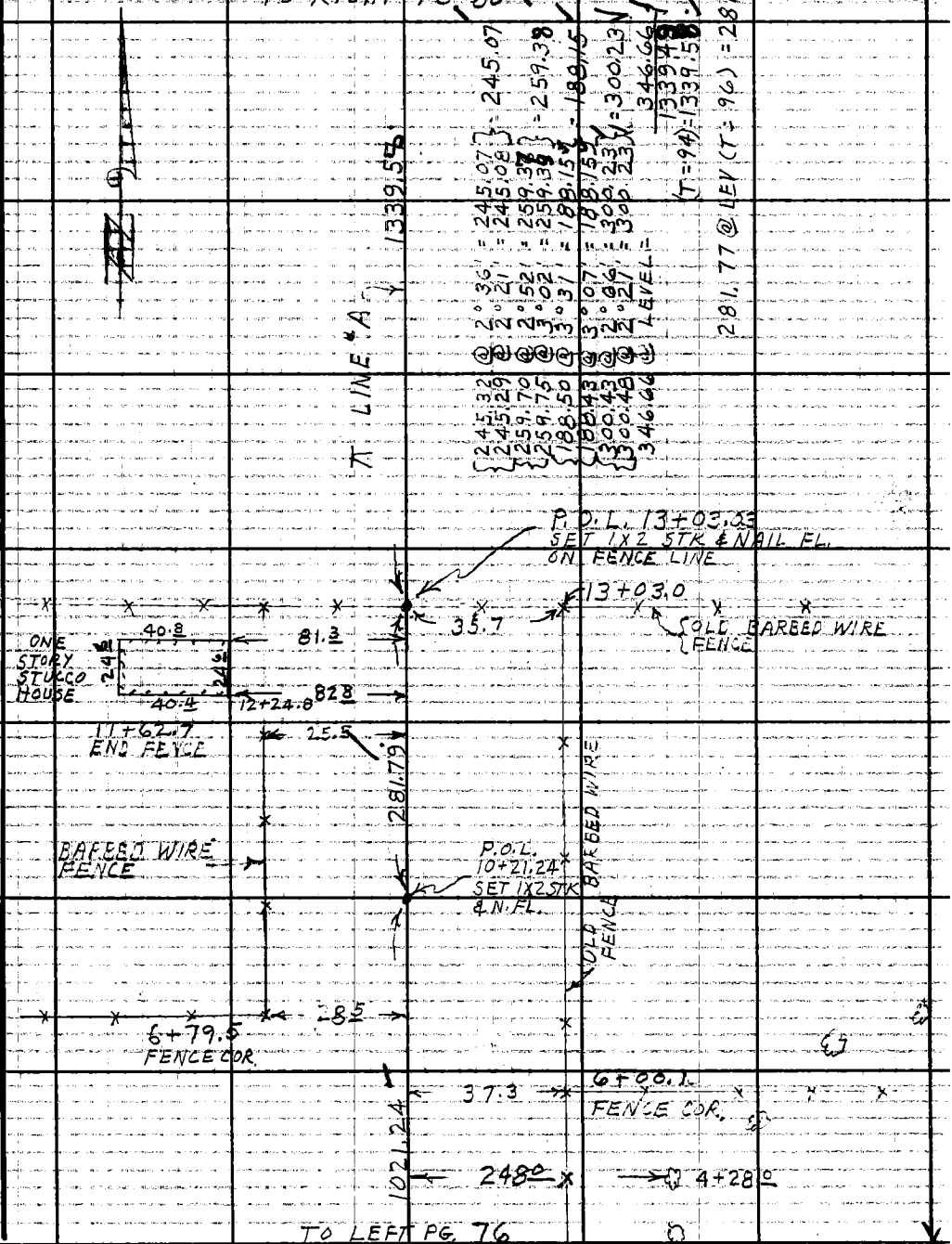
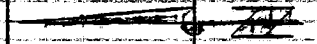
76F9095 CE #310 6-63



TO LEFT PG. 76

TO BOT PG. 81

F. B. 3222 PG. 80



473.88

90° 21' 05"

16+23.78 TO E.
26+42.60 TO N.
SET 1" I.P. & C.E.
TAG DN. 12" BY
INTERSECTION

LINE "A"
1339.58

TO TOP PG. 79

1) 90-21-20
4) 01-24-10
90-21-02½
6) 182-06-30
AVE. 90-21-05

515.21

1/4 SEC. LINE

515.14 @ LEV. (T=102) = 515.21
473.82 @ LEV (T=102) = 473.88

P.O.L. 11+08.57
SET 1X2 STK & NAIL
FLUSH

738.25

TO TOP PG. 72

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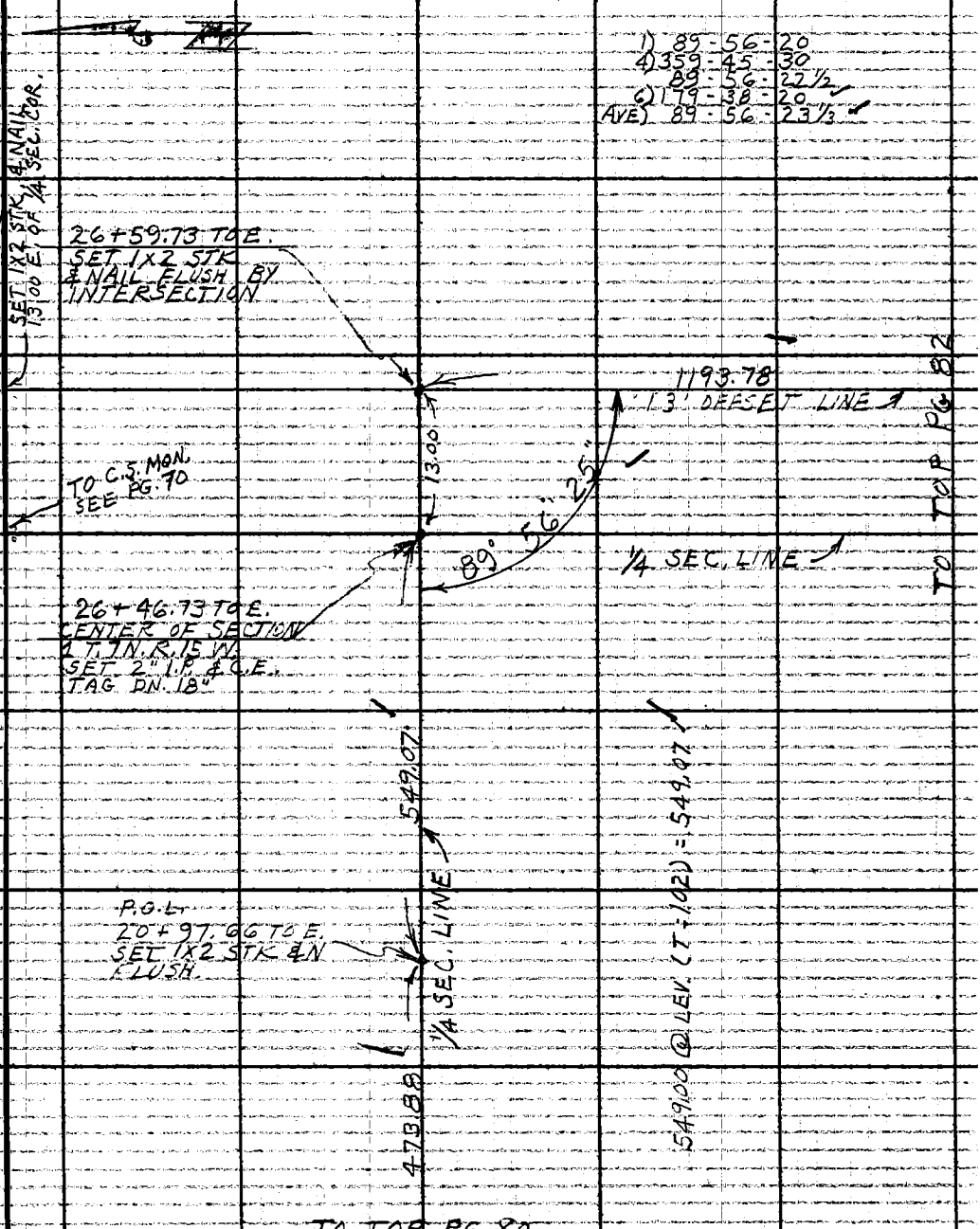
Notes Ck'd by W. Brenner	Survey of 170TH ST WEST	F.B. 3222 Pg. 81
Map No. B-2980	JN 0096A8 Tape 152 Std 84 °F	
Office Work T. H. BURNS	Surveyed by J. C. PIERCE	
Checked G. F. BARR	Notes J. C. P. Date 8-5-65	
Date	Indexed G. J. GALLT	

TO LEFT PG 78



TO TOP PG. 80

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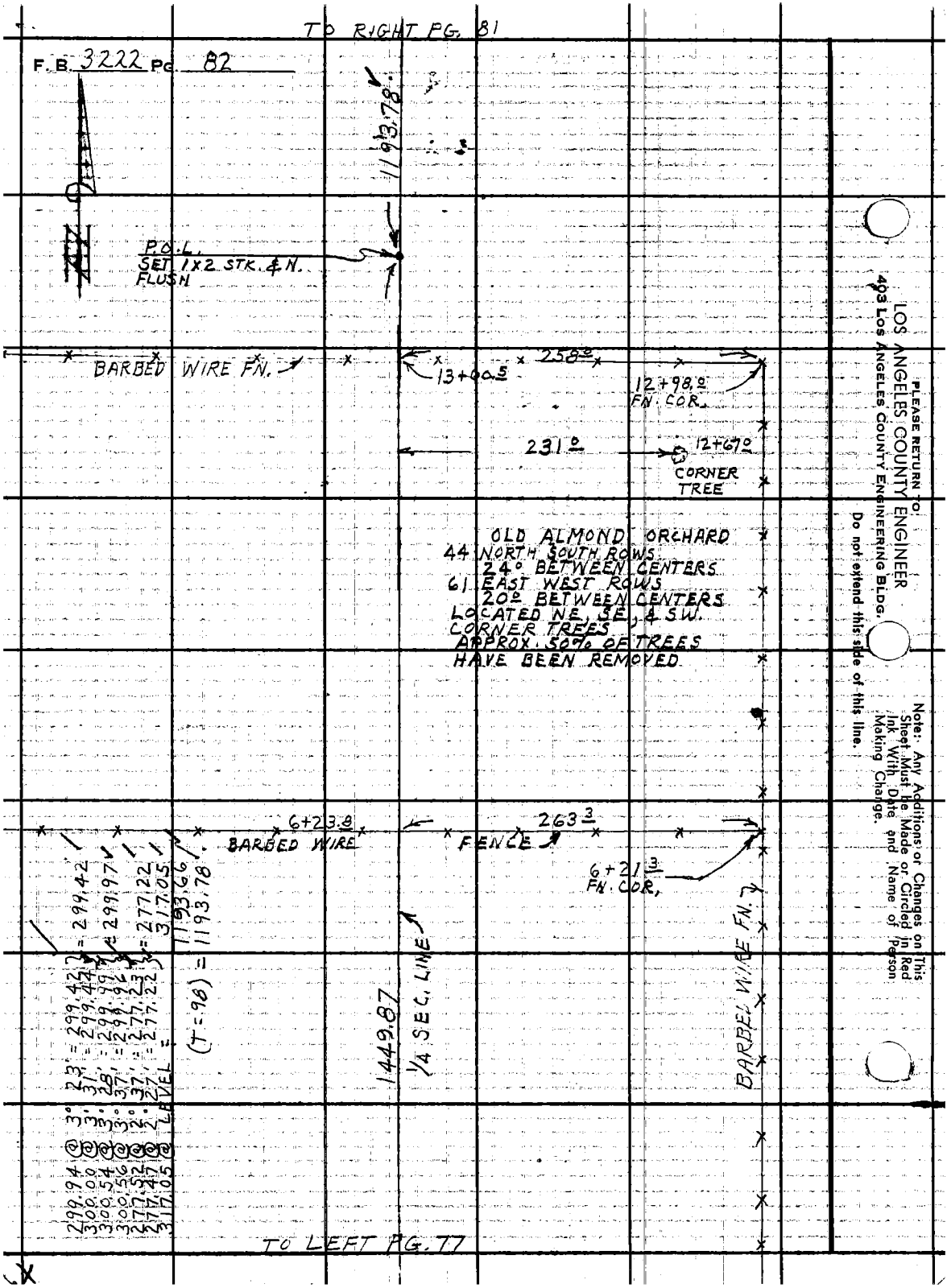
76F3095 CE #310 6-63


TO RIGHT PG. 81
F.B. 3222 PG. 82
1193.78
P.O.L.
SET 1X2 STK. & N.
FLUSH
BARBED WIRE FN.
13+00.5
258.0
12+98.0
FN. COR.
231.0
12+67.0
CORNER
TREE
OLD ALMOND ORCHARD
44 NORTH SOUTH ROWS
24° BETWEEN CENTERS
61 EAST WEST ROWS
20° BETWEEN CENTERS
LOCATED NE, SE, & SW.
CORNER TREES
APPROX. 50% OF TREES
HAVE BEEN REMOVED
6+23.8
BARBED WIRE
263.3
FENCE
6+21.3
FN. COR.
1449.87
1/4 SEC. LINE
BARBED WIRE FN.
(T=98) = 1193.66
1193.78
299.94 @ 3° 23' = 299.42
300.00 @ 3° 31' = 299.44
300.54 @ 3° 28' = 299.99
300.56 @ 3° 37' = 299.96
277.52 @ 2° 37' = 277.23
277.47 @ 2° 27' = 277.22
317.05 @ LEVEL = 317.05
TO LEFT PG. 77
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Notes Ck'd by W. Brenner	Survey of 170TH ST. WEST	F. B. 3222 Pg. 83
Map No. 8-2990	JN 00648 Tape 90 Std 84 °F	
Office Work T. H. BURNS	Surveyed by J.C. PIERCE	
Checked G. E. BARR	Notes J.C.P. Date 8-26-65	
Date	Indexed C. J. GALE	

J.N. 00648

170TH ST. WEST

PROPOSED CENTERLINE

FROM AVE. F.

TO AVE H.

Staked per calculations to fit 170th St West per Fairmot Tract.

PIERCE
VANNESS
ALBRIGHT
TALBOT

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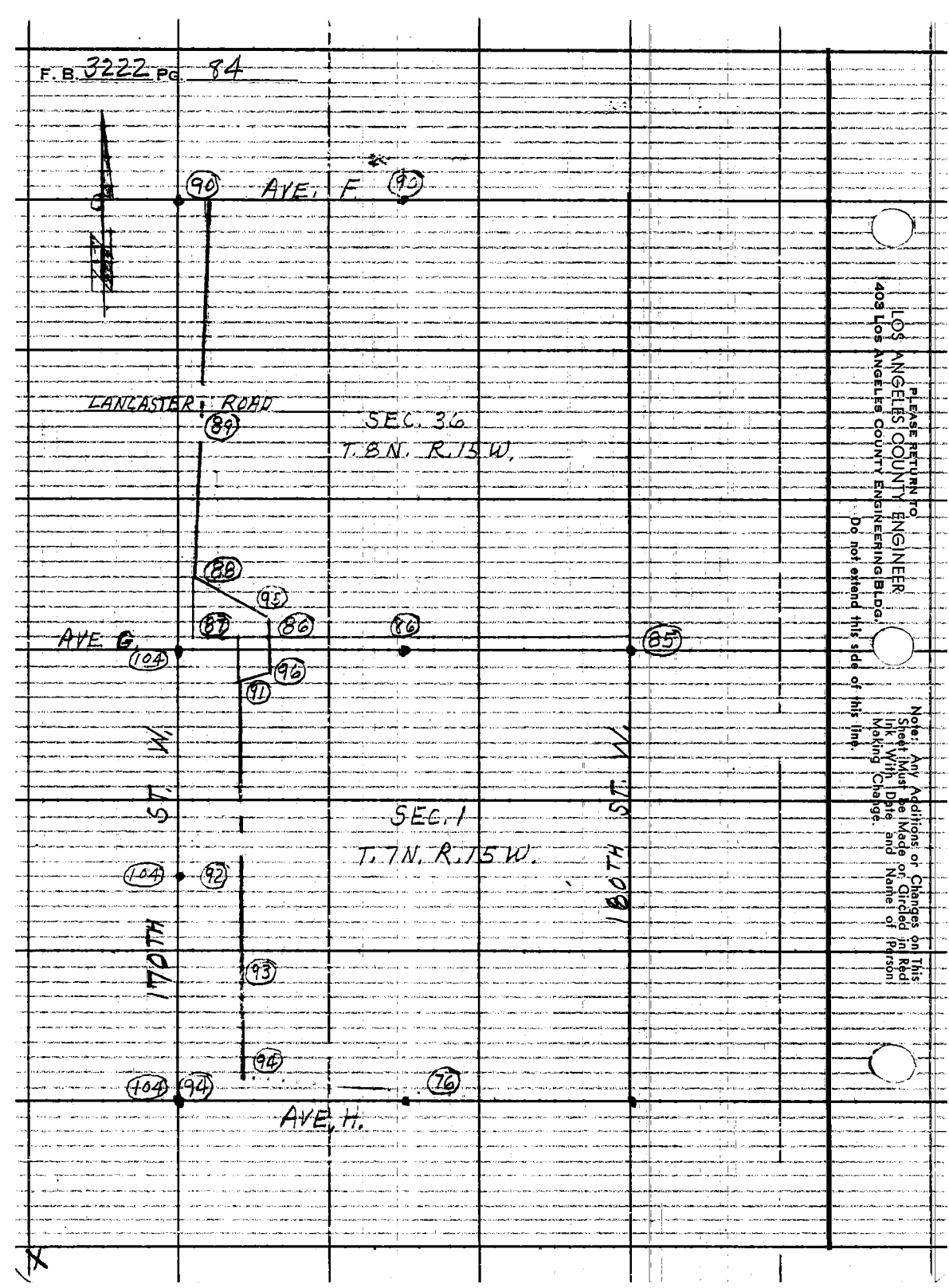
76F909S CE #910 6-63

F. B. 3222 PG. 84



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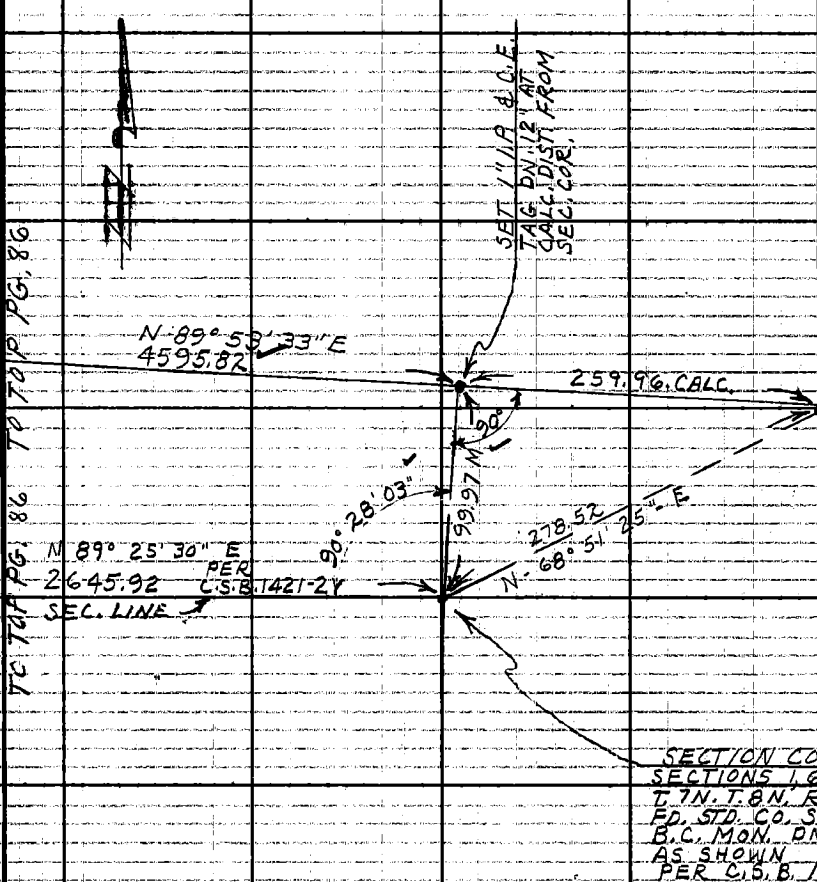
Notes Ck'd by W. Brenner	Survey of 170 TH ST. WEST		F. B. 3222 PG. 85
Map No. B-2980	JN 0096.48 Tape 190 Std 84 °F		
Office Work T. H. BURNS	Surveyed by J. C. PIERCE		
Checked G. E. BARR	Notes J. C. P. Date 8-26-65		
Date	Indexed C. J. GALLI		



SECTION CORNER
SECTIONS 1, 6, 31, 36,
T. 7N. T. 8N. R. 14W. R. 15W.
FD. STD. CO. SURVEYOR
B.C. MON. DN. 16" STAMPED
AS SHOWN
PER C.S.B. 1421-2

1) 90-28-00
4) 01-52-20
90-28-05
6) 182-48-20
AVE) 90-28-03 1/3

99.97 @ LEV (T=84) = 99.97

4595.64 @ LEV (T=90) = 4595.82

COUNTY SURVEYORS MONUMENT
T. 8N.
R. 15W. 36 | 31 R. 14W.
1 | 6
T. 7N.

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

W.S. 72, B-3

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76F309S CE #310 6-63

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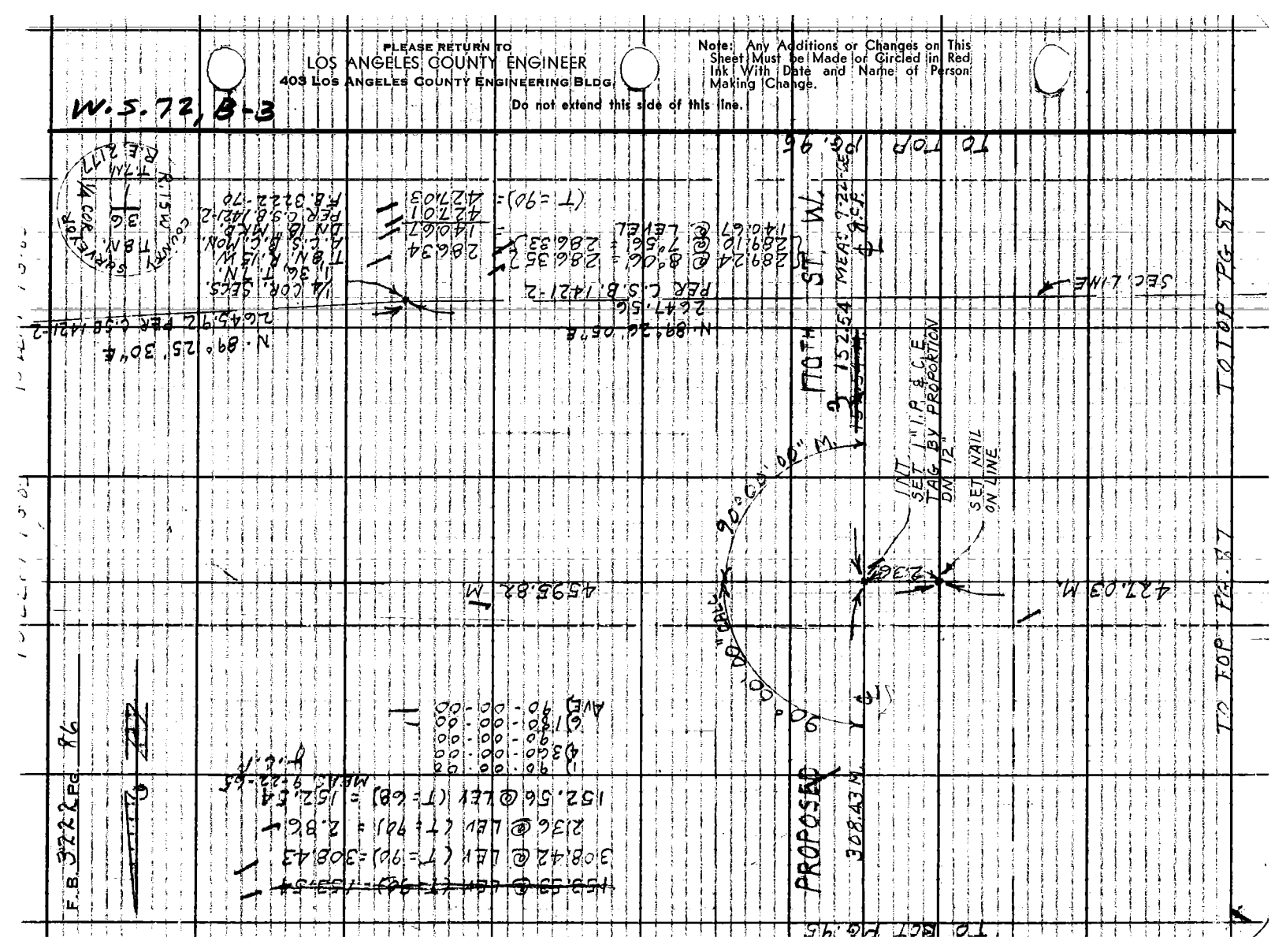
W.5.72, B-3



Notes Ck'd. by W. Brenner
Map No. B-2980
Office Work J. H. BURNS
Checked G. E. BARR
Date

Survey of 170TH ST. WEST
JN 009648 Tape 190 Std 84 °F
Surveyed by J. C. PIERCE
Notes J-C-P Date 8-30-65
Indexed G. I. GALLI

F. B. 322 R. PG. 87

TO BOTTOM PG. 86

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W.S.17, A-3

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76F309S CE #310 6-63

1) 90-19-00
4) 01-18-00
6) 181-54-10
AVE 90-19-01 1/3

427.03

FALL 1.18 & 0.64 REMOVED 8-24-65

2647.56 per CS 13 142-2 SEC. LINE

1) 89-52-00
4) 359-28-00
89-52-00
6) 179-12-00
AVE 89-52-00

1) 179-41-00
4) 358-43-50
179-40-57 1/2
6) 358-06-00
AVE 179-41-00

1) 27-19-01
4) 109-16-10
27-19-02 1/2
6) 163-54-10
AVE 27-19-01 2/3

651.74 PER PG. 70

359.54

TO TOP PG.

LOCATION OF SEC. COR. PER C.S. 9197-1 SET 1" I.P. & C.E. TAG IN 12" 8-26-65

0.09

90°

90°00'00" MEAS.

27°19' PER PG. 70

27°19'00" MEAS.

90°

90°

90°

90°12'00"

265.20 M

306.24 M

306.24

653.20

SEC. LINE

SET N12°E

TO BOT PG. 88

SEC. LINE

TO TOP PG. 92

265.20 @ LEV. (T=84) = 265.20

306.24 @ LEV. (T=84) = 306.24

188.49 @ LEVEL = 188.49

297.91 @ 11°31' = 291.91 = 291.92

298.16 @ 11°44' = 291.930

174.04 @ 6°57' = 172.76 = 172.76

173.90 @ 6°34' = 172.765

653.17

(T=90) = 653.20

359.54 @ LEV. (T=84) = 359.54

1) 90-04-10
4) 00-17-20
90-04-20
6) 180-26-10
AVE 90-04-21 2/3

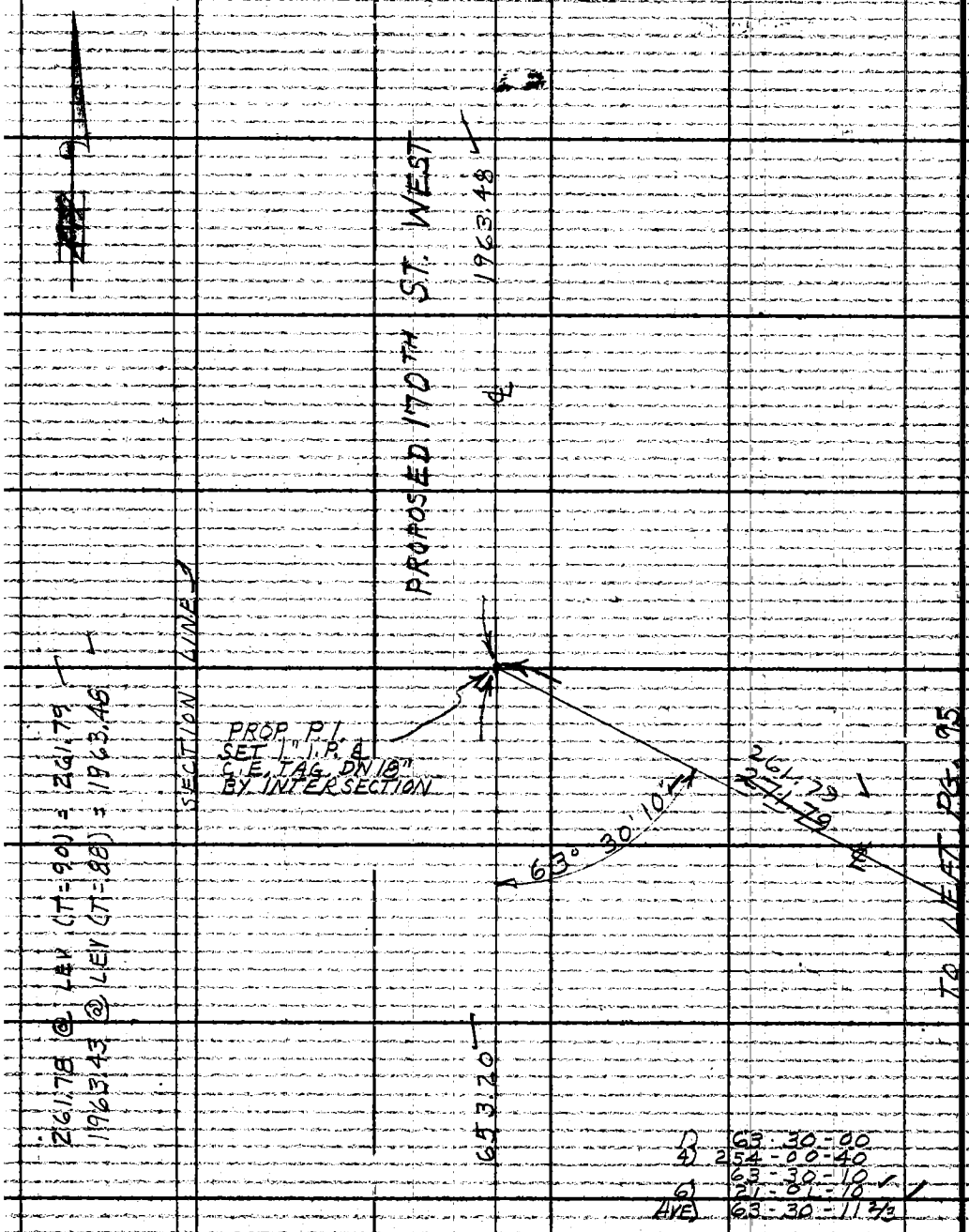
CORNER SEC'S 12, 35, 36
T. 7 N., R. 15 W.
T. 7 N., R. 16 W.
REF. CO. SURV. IN VOL. 24
RECORD OF SURVEYS
UNDER C.S.B. 142-2
SEE PG. 70
FOR AVE.

T. 7 N., R. 15 W.
SEC. 35 & 36
T. 7 N., R. 16 W.
SEC. 31 & 32

RISMON
RE 2-71

TO RIGHT PG. 89

F.B. 3222 PG. 88



TO LEFT PG. 87

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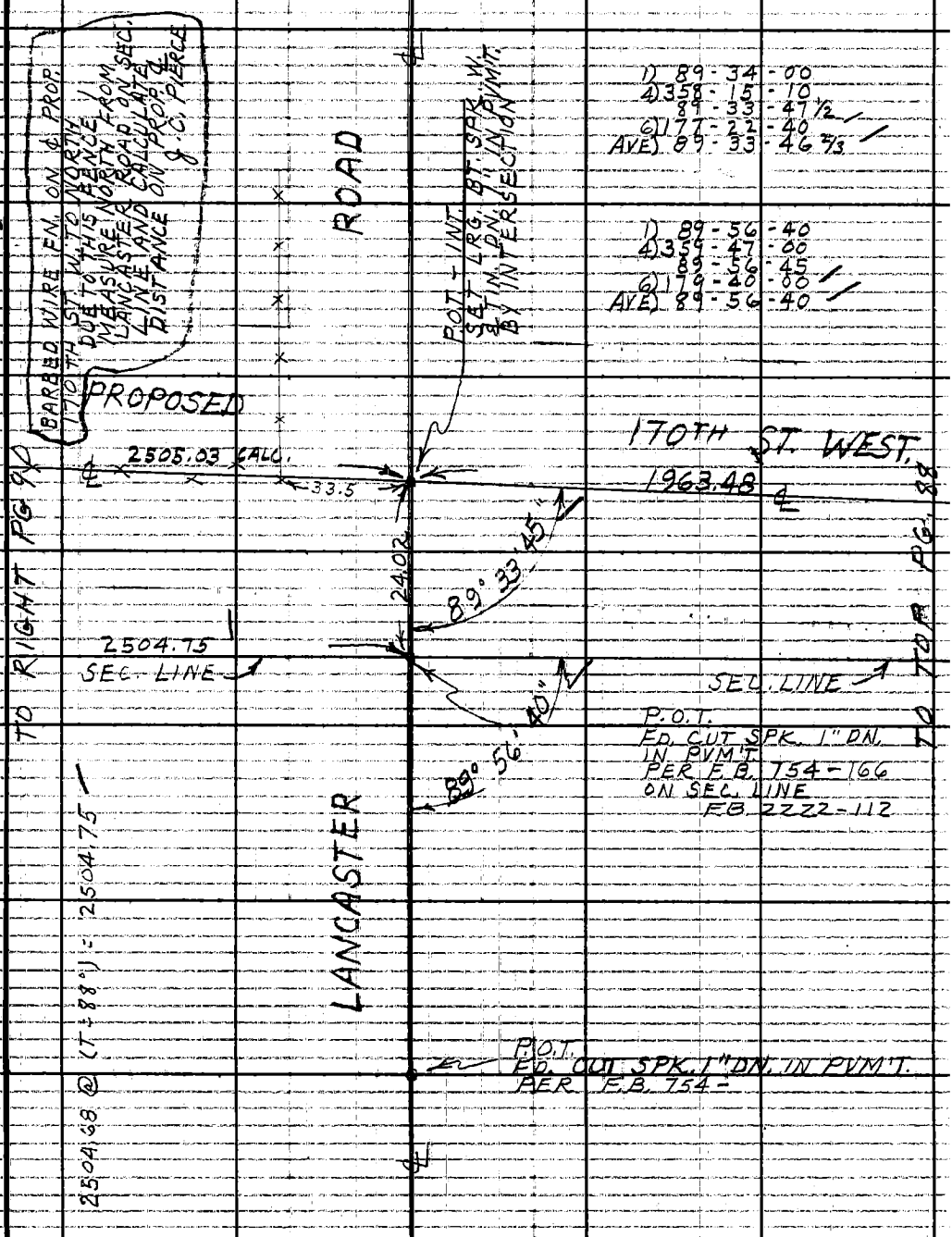
Notes Ck'd by W. Brenner	Survey of 170TH ST. WEST	F. B. 3222 PG. 89
Map No. B-2980	JN 0096.48 Tape 190 Std 84 °F	
Office Work T. H. BURNS	Surveyed by J. C. PIERCE	
Checked G. E. BARR	Notes J. C. PIERCE Date 8-30-65	
Date	Indexed S. J. GALLI	



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76F309S CE #310 6-63

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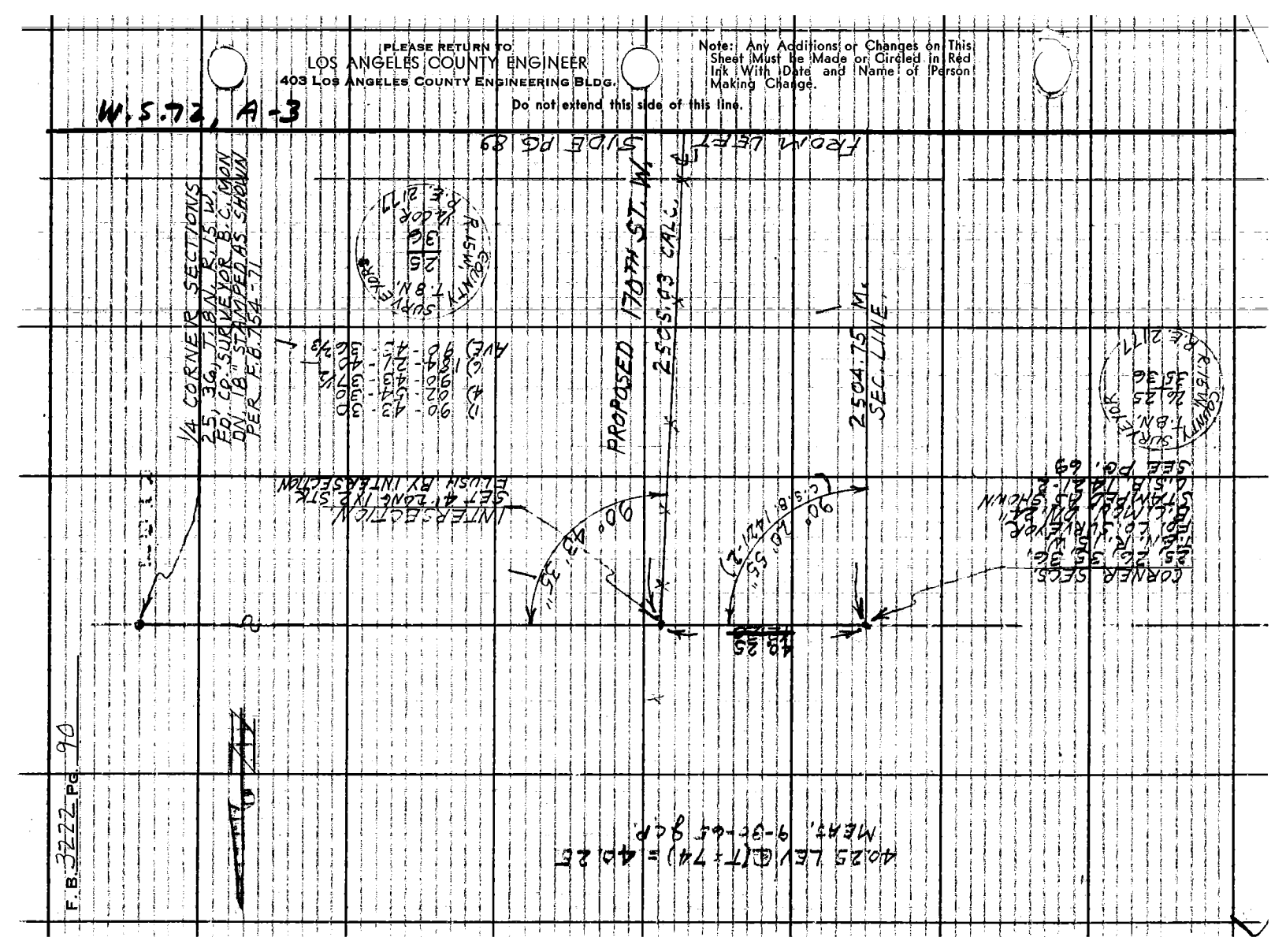
W.5.72, A-3

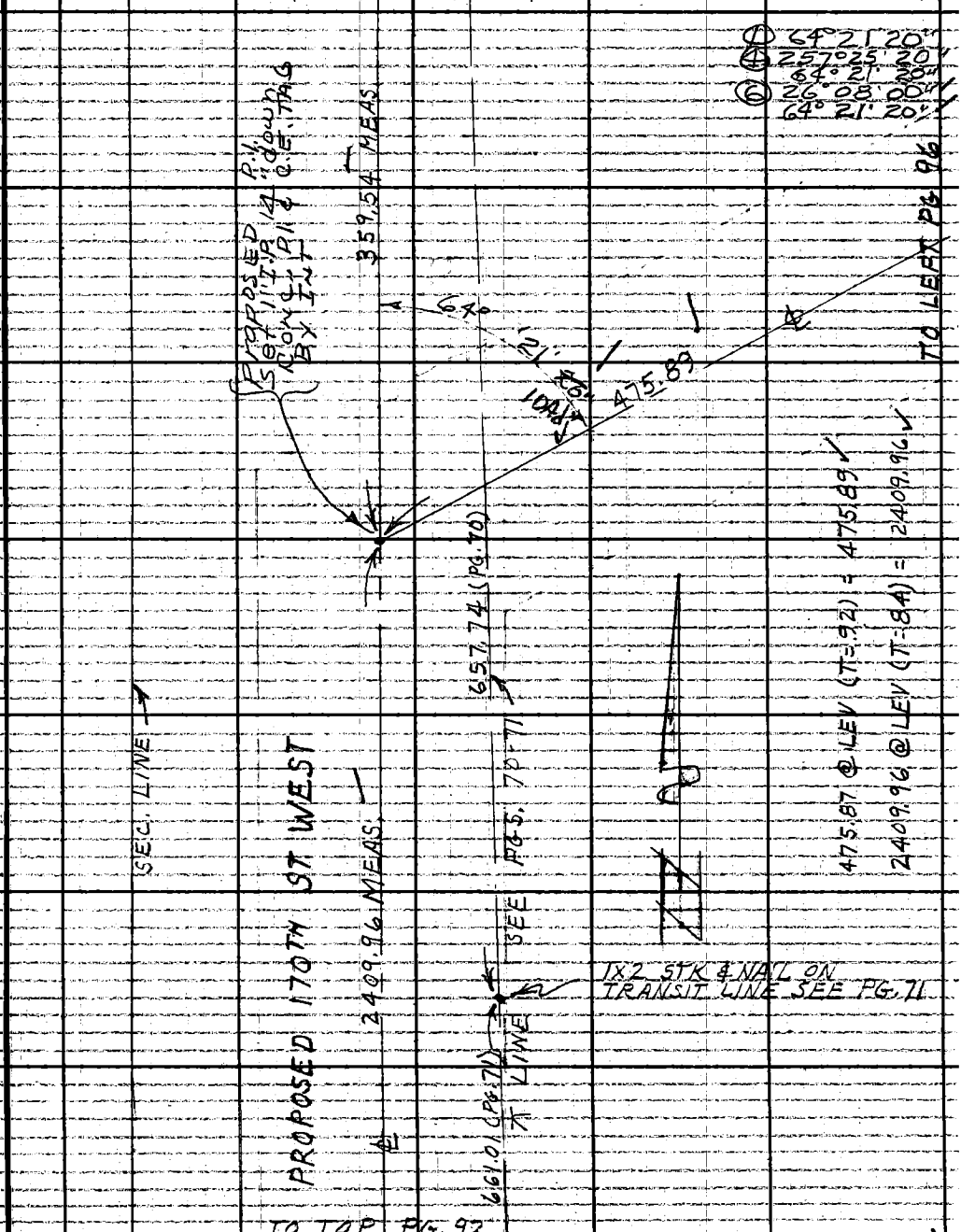


F.B. 3222 PG. 90

Notes Ck'd by W. Brenner	Survey of 170TH ST. WEST
Map No. B-2980	JN 009648 Tape 190 Std 84 °F
Office Work T. H. BURNS	Surveyed by J. C. PIERCE
Checked G. E. BARR	Notes J. C. PIERCE Date 8-31-65
Date	Indexed C. J. GALLI

F. B. 3222 PG. 91

TO RIGHT PG. 87



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

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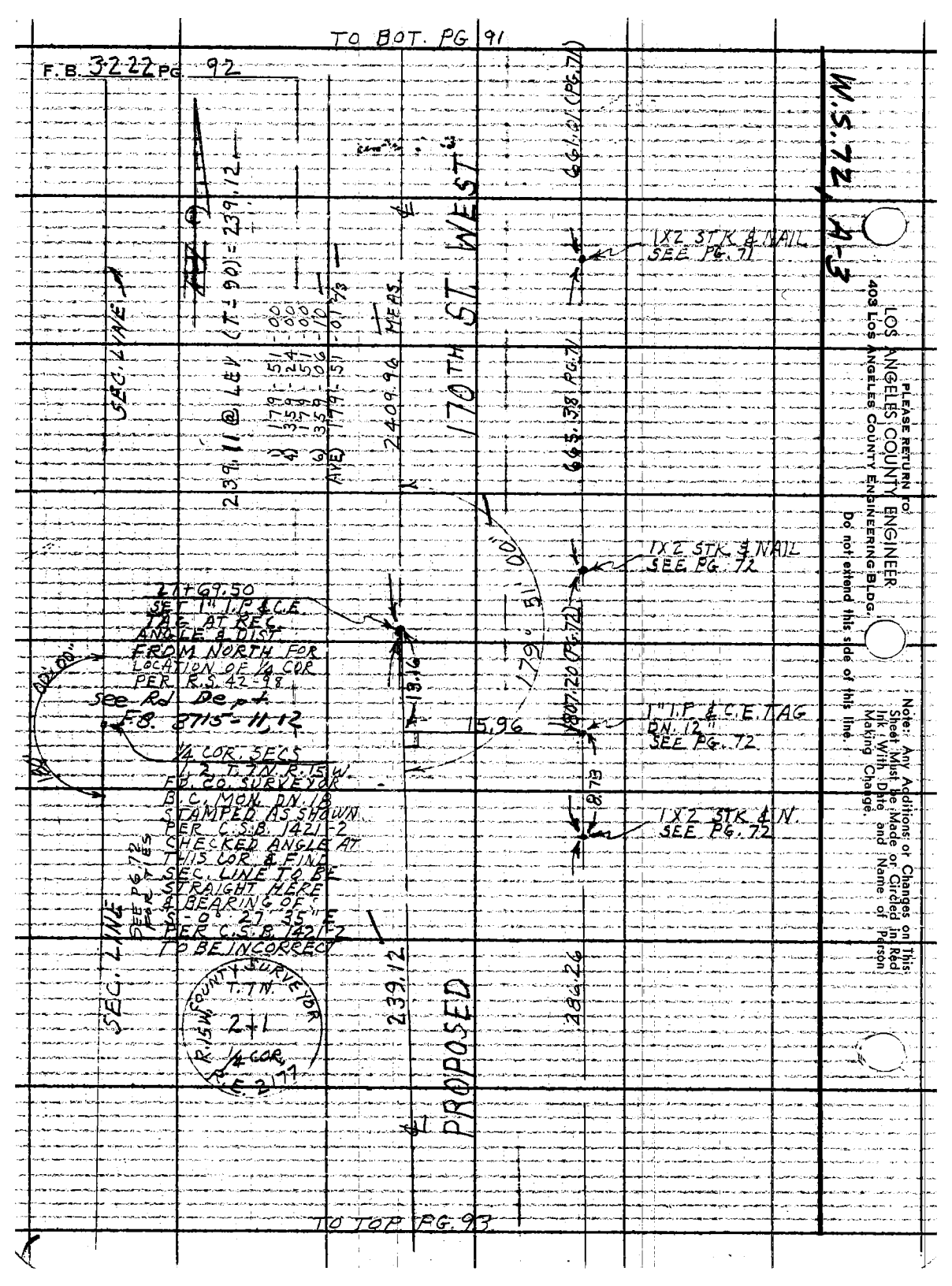
76F309S CE #310 6-53


TO BOT. PG 91
F.B. 3222 PG. 92
W.S. 72, A-3
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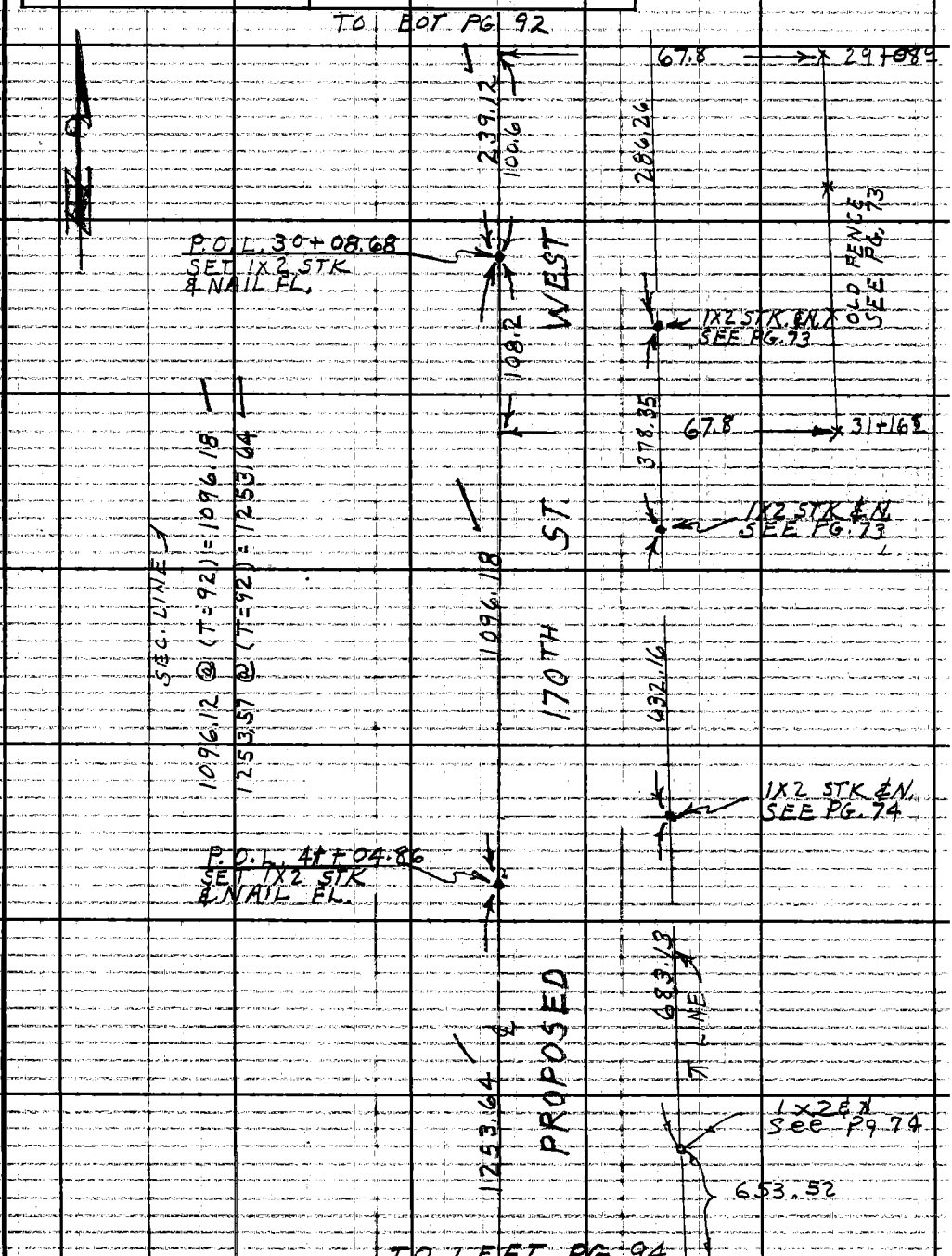
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
SEC. LINE
239.11 @ LEV (T-90) = 239.12
1) 179-51-00
4) 359-24-00
179-51-00
6) 359-06-10
AVE) 179-51-01 2/3
2409.96 MEAS.
170TH ST. WEST
661.01 (PG. 71)
1X2 STK & NAIL SEE PG. 71
665.38 PG. 71
1X2 STK & NAIL SEE PG. 72
179° 51' 00"
21+69.50
SET 1" I.P. & C.E. TAG AT REC. ANGLE & DIST. FROM NORTH FOR LOCATION OF 1/4 COR PER R.S. 42-98
See Rd Dept. F.B. 3715-11, 12
13.16
15.96
1807.20 (PG. 72)
1" I.P. & C.E. TAG DN. 12" SEE PG. 72
1/4 COR. SECS 1, 2, T. 7N. R. 15W. FD. CO. SURVEYOR B.C. MON. DN. 18 STAMPED AS SHOWN PER C.S.B. 1421-2 CHECKED ANGLE AT THIS COR. & FIND SEC. LINE TO BE STRAIGHT HERE & BEARING OF S-0° 27' 35" E PER C.S.B. 1421-2 TO BE INCORRECT
8.73
1X2 STK & N. SEE PG. 72
SEE PG. 72 FOR TIES
SEC. LINE
COUNTY SURVEYOR T. 7N. R. 15W. 2+1 1/4 COR. R.E. 2177
239.12
286.26
PROPOSED
TO TOP PG. 93

Notes Ck'd by W. Brenner	Survey of 170TH ST. WEST	F. B. 3222 Pg. 93
Map No. B-2980	JN 1096.48 Tape 190 Std 84 °F	
Office Work T. H. BURNS	Surveyed by J. C. PIERCE	
Checked G. E. BARR	Notes J. C. PIERCE Date 9-1-65	
Date	Indexed C. J. GALLI	



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76F309S CE #310 6-63

TO BOT PG. 76

F.B. 3222 PG. 94

263.63 @ 76° = 263.61

3235.32 @ 78° = 3235.19

① 89-55-00
④ 359-40-00
⑥ 779-29-50
89° 55' 00"

① 164° 15' 20"
④ 297° 01' 10"
164° 15' 17½"
⑥ 265° 31' 40"
164° 15' 16⅔"

① 91° 05' 00"
④ 364° 20' 00"
91° 05' 00"
⑥ 186° 30' 00"
91° 05' 00"

653.52 SEE PG. 75
LINE

PROPOSED
170TH ST. W
1253.64

53 + 58.50 S
SET AT RECORD
ANGLE & DISTANCE
FROM N. PER STARING
SHEET A LRG BT SPK
W. & T. DN 2"

① 90-00-40
④ 00-02-30
90-00-37½
⑥ 180-04-00
90-00-40

SEC. LINE

TO BOT PG. 93

3235.19 TO INT. SECT. LINE

1327.41 PER PG. 75 SEC. LINE

INT. PL 1 1/2 & C.E. TAG DN 12 F.B. 3222 + 75

90° 05' 05" SEE PG. 75

91° 05' 00"

164

0+00 E

66.31

23.97

INT. SET 1 1/2 STK & NAIL BY INTERSECTION

① 14° 34' 10
④ 58-16-20
⑥ 87-24-40
14° 34' 05"

14° 34' 05"

263.61

90° 00' 40"

255.03

CORNER SECTIONS
1, 2, 11, 12, 17, 18
R. 15 W. A.C.O. SURVEYOR
B.C. MON. DN 24"
C.S. B 1421-2
SEE PG. 75

W.S. 72, A-4

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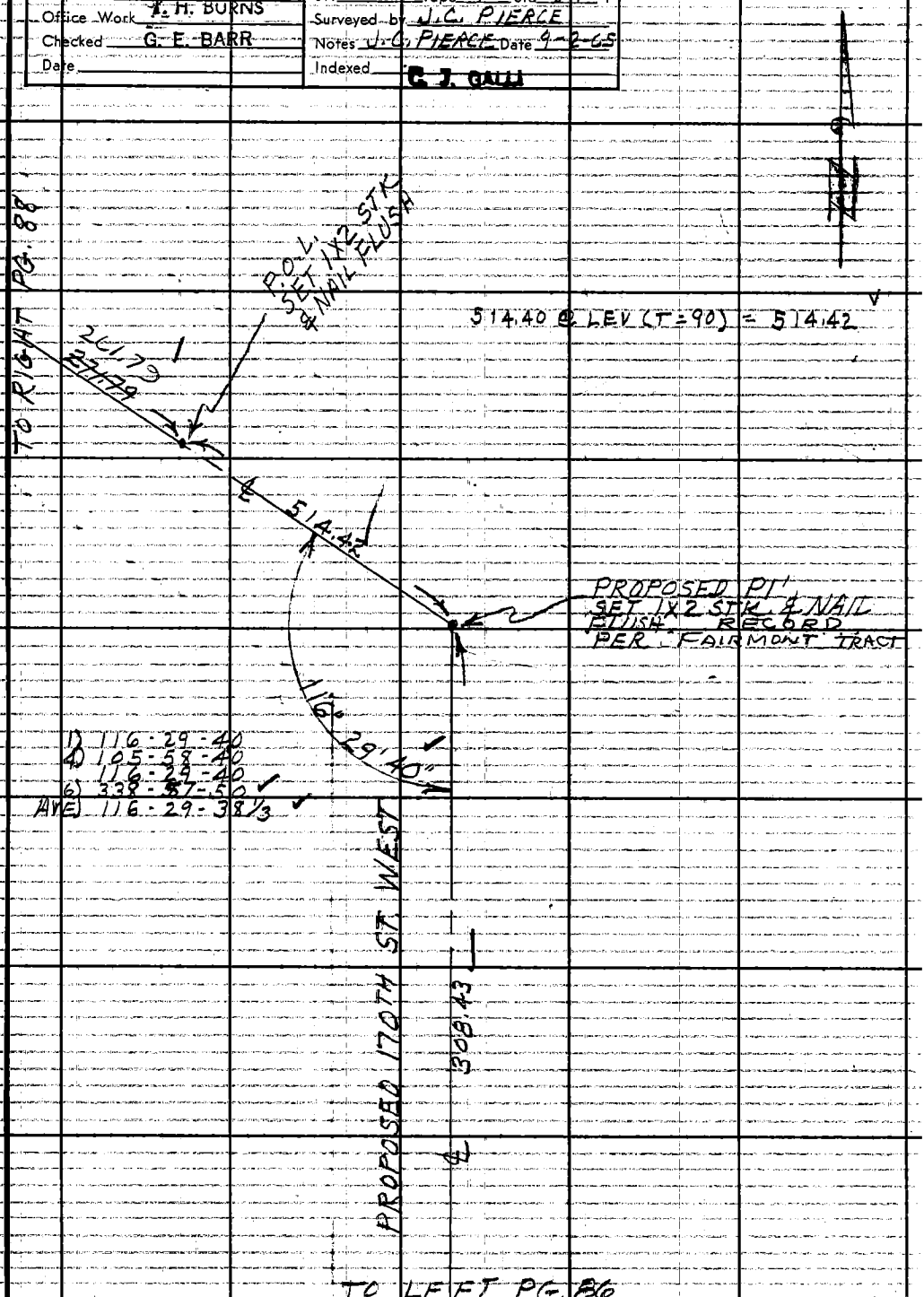
R. 15 W. COUNTY SURVEYOR T. 8 N. 2 11/12 R.E. 2177

Notes Ck'd by W. Brenner	Survey of 170TH ST WEST
Map No. B-2980	JN 0096.48 Tape 190 Std 84 °F
Office Work T. H. BURNS	Surveyed by J.C. PIERCE
Checked G. E. BARR	Notes J.C. PIERCE Date 9-2-65
Date	Indexed C. J. GALLI

F. B. 3222 PG. 95



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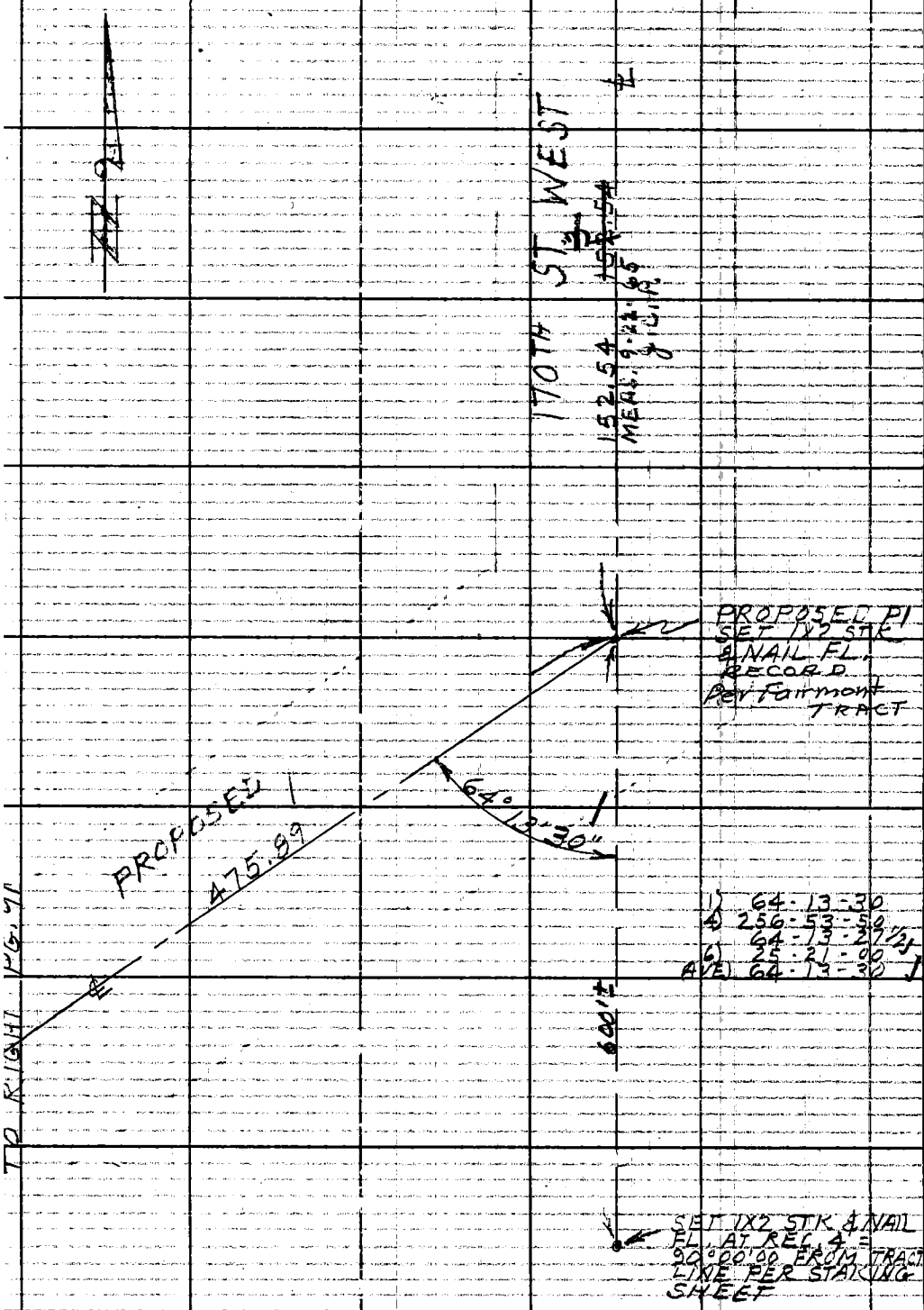
76F309S CE #310 6-63

TO RIGHT PG. 86

F.B. 3222 PG. 96



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Notes Ck'd-by	Survey of 170TH ST. W.
Map No.	JN 009648 Tape 190 Std 84 °F
Office Work T. H. BURNS	Surveyed by VAN NESS
Checked G. E. BARR	Notes VAN NESS Date 9-14-44
Date	Indexed C. J. GALLI

F. B. 3222 Pg. 97

J. N. 00 96.48

170TH ST. WEST

LOCATION OF EXISTING DIRT ROAD

FROM

AVE G-8 TO AVE H

VAN NESS

ALBRIGHT

TALBOT

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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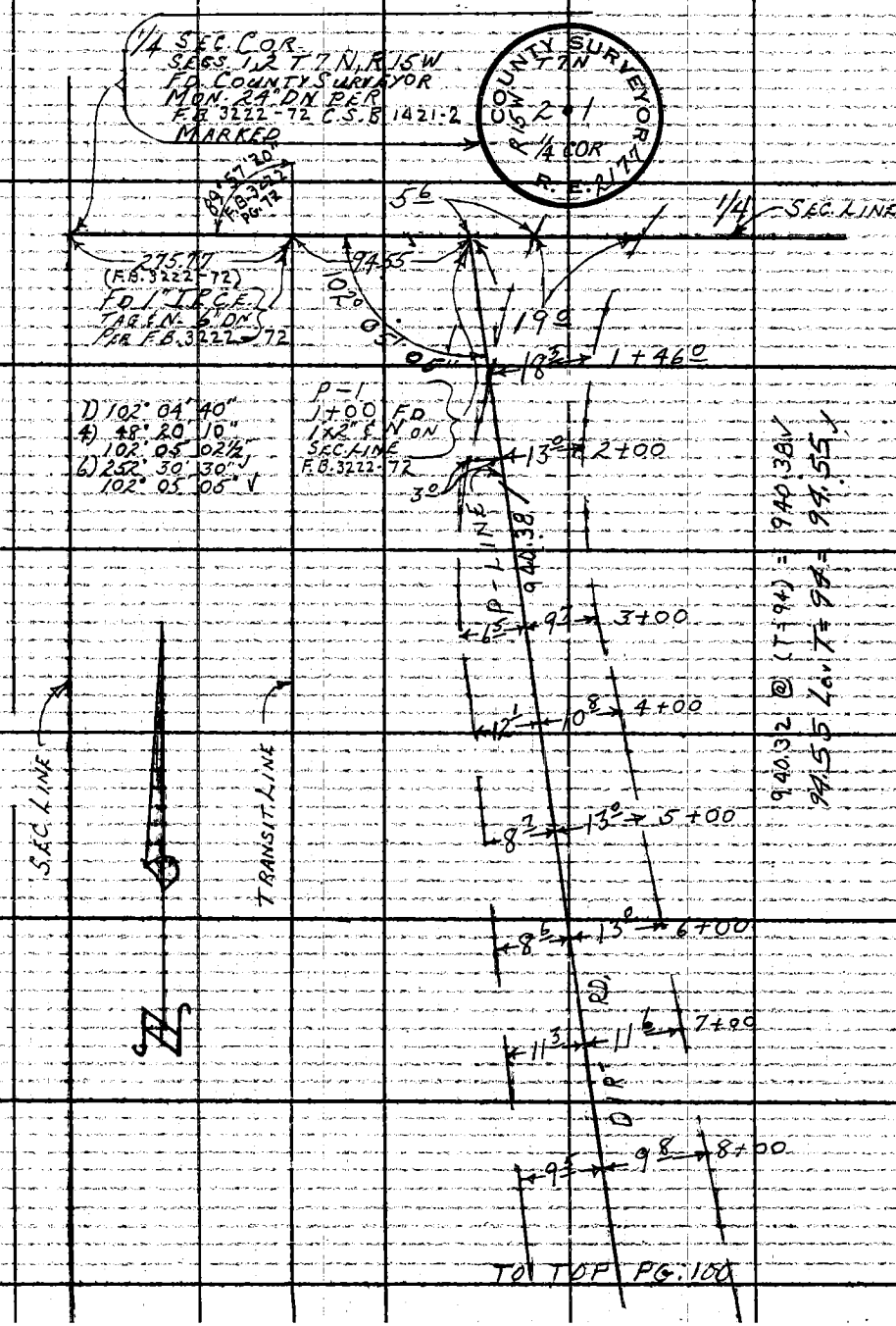
76F3095 CE #310 6-63

Notes Ck'd. by W. Brenner	Survey of 170TH ST W.
Map No.	JN 0096.48 Tape 190 Std 84 °F
Office Work T. H. BURNS	Surveyed by VAN NESS
Checked	Notes VAN NESS Date 9-14-65
Date	Indexed C. I. GALLI

F. B. 3222 PG. 99

W-172, A-3



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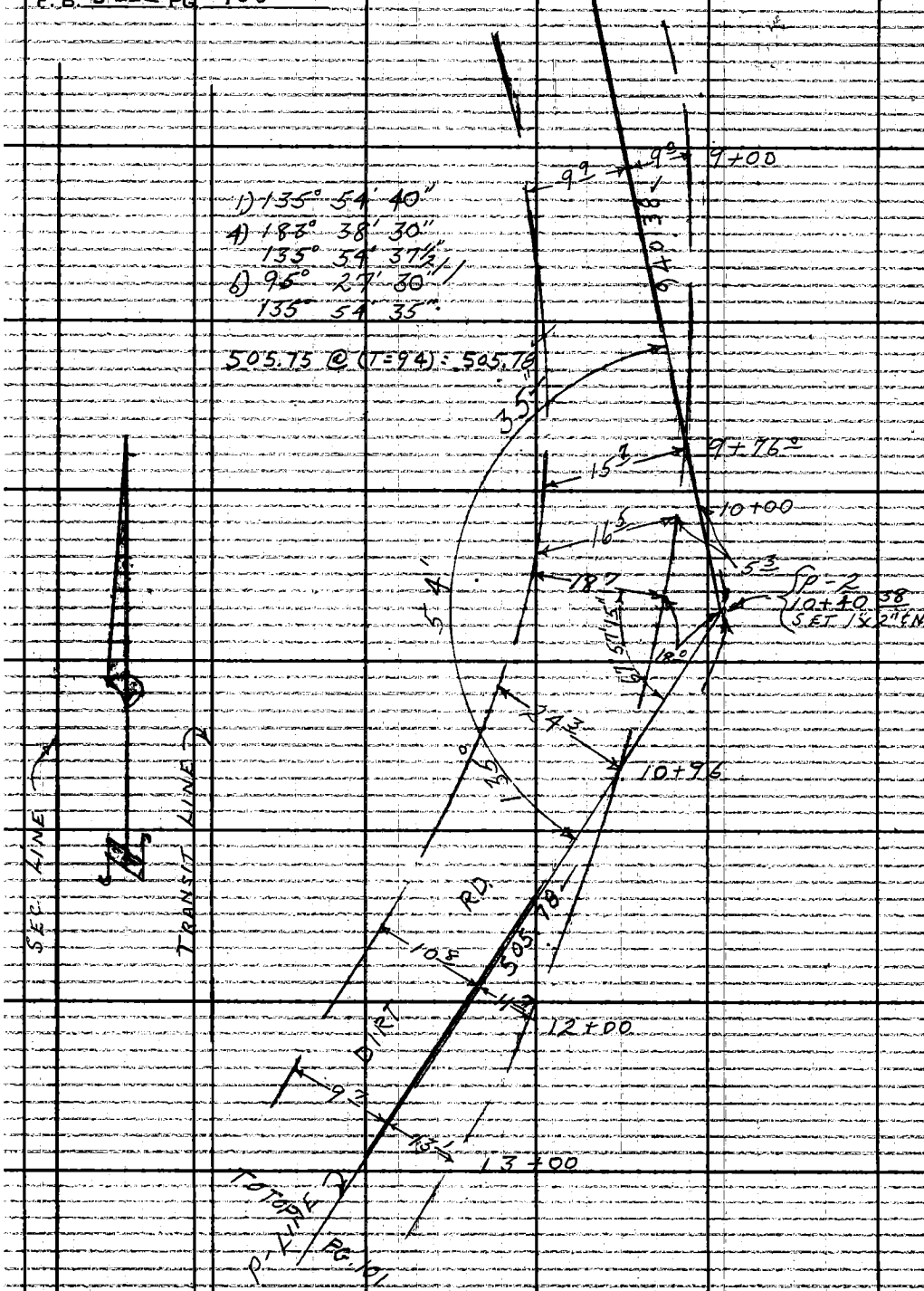
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6/63

TO BOT. PG. 99



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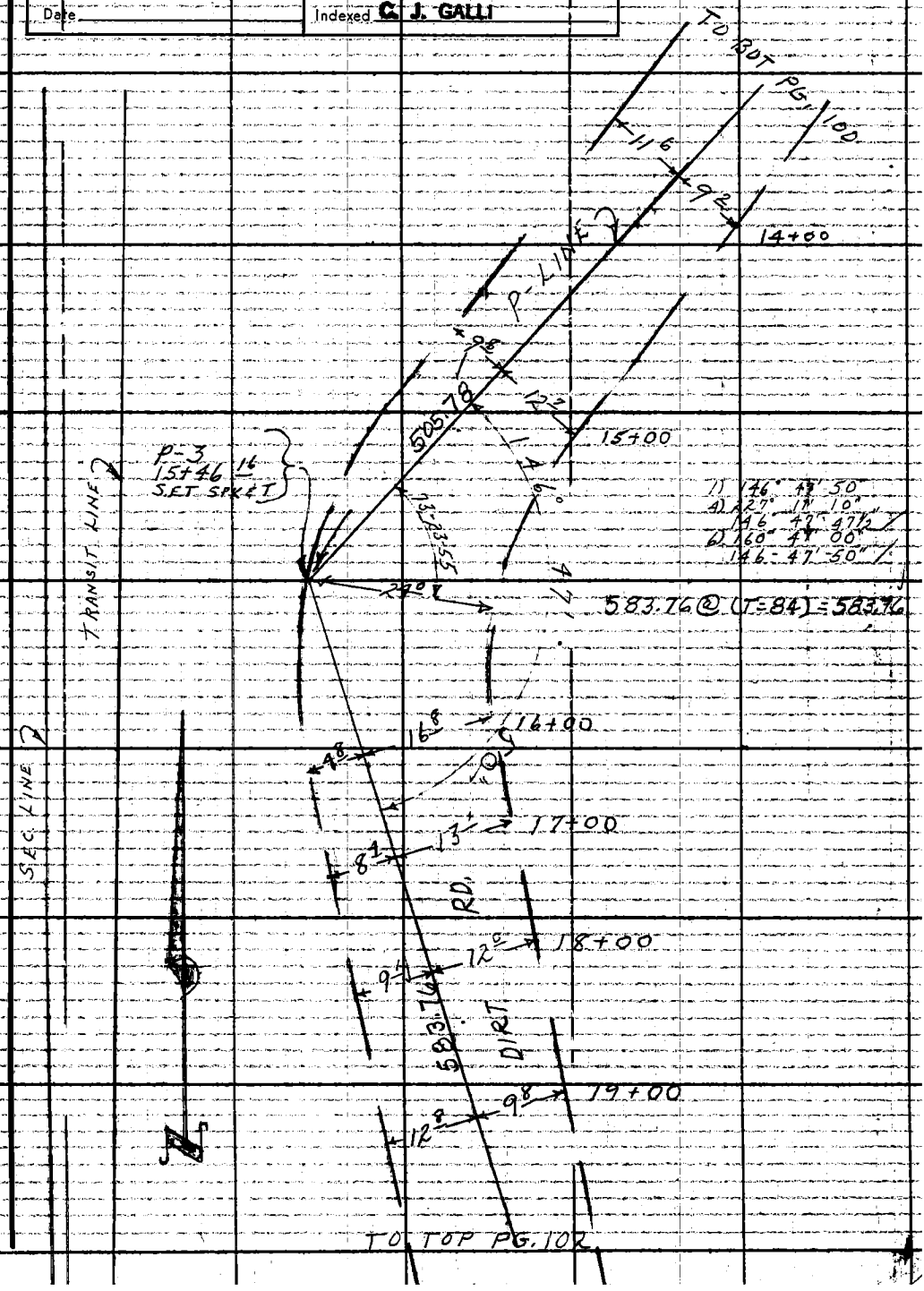
Notes Ck'd by W. Brenner	Survey of 170TH ST. W.	F. B. 3222	PG. 101
Map No.	JN009648 Tape 190 Std 84 °F		
Office Work F. H. BURNS	Surveyed by VAN NESS		
Checked	Notes VAN NESS Date 9-15-65		
Date	Indexed C. J. GALLI		



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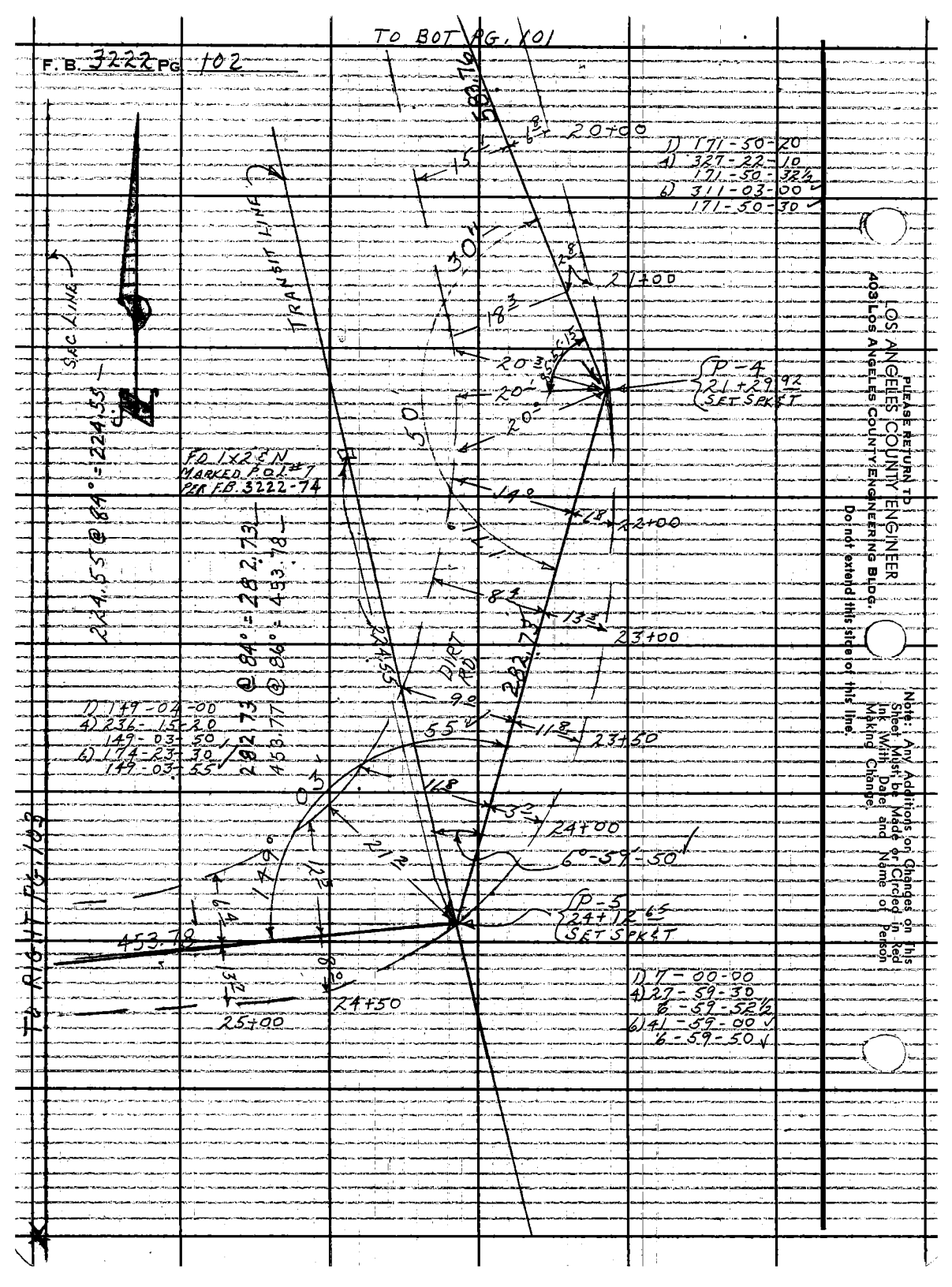
76F309S CE #310 6-63

F.B. 7222 PG. 102

TO BOT PG. X01



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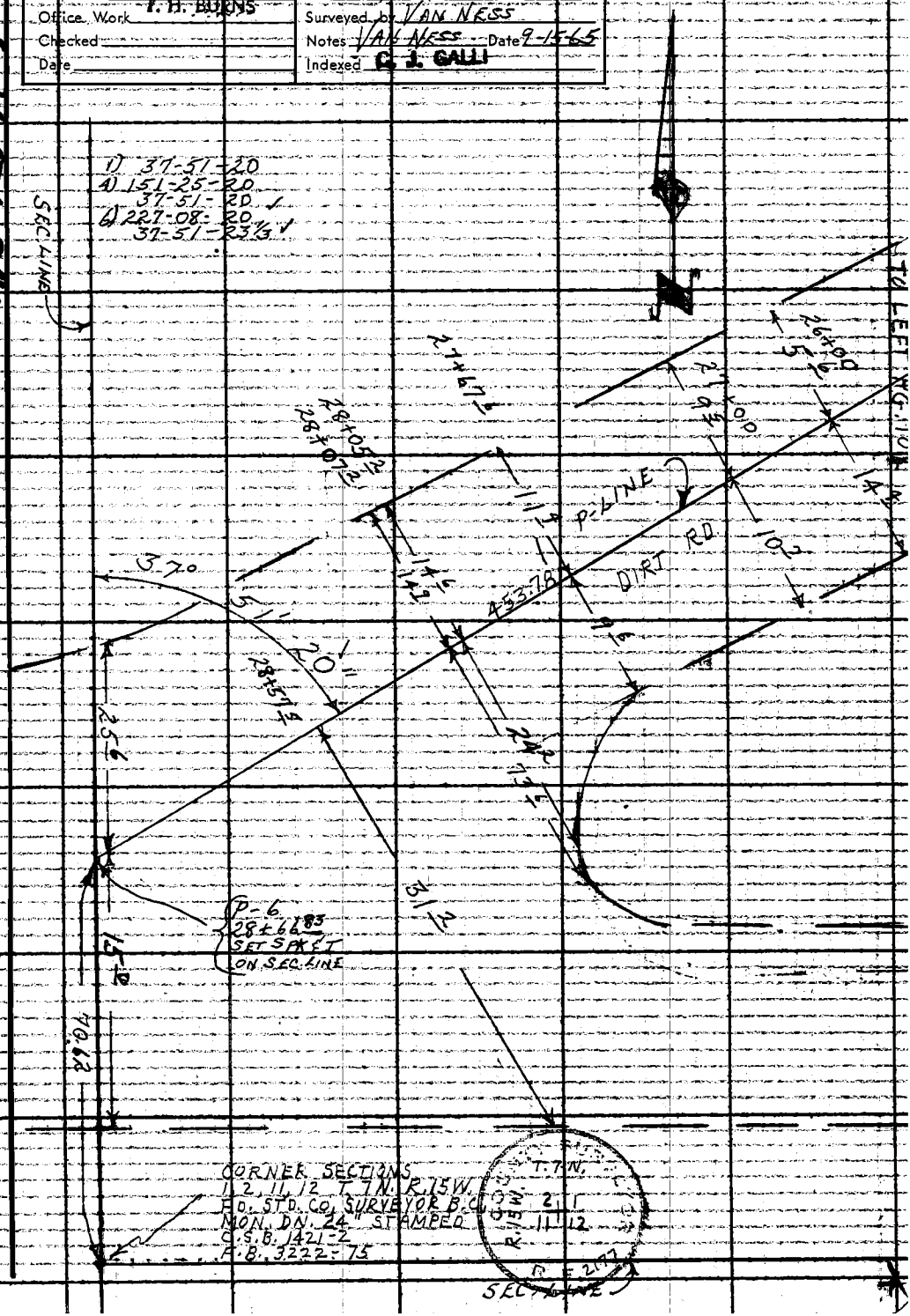
Notes Ck'd by W. Brenner	Survey of 170TH ST. W.
Map No.	JN 0096.48 Tape 190 Std 84 °F
Office Work T. H. BURNS	Surveyed by VAN NESS
Checked	Notes VAN NESS Date 9-15-65
Date	Indexed C. J. GALLI

F. B. 3222 PG. 103



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76F309S CE #310 6-63

F.B. 3222 PG. 104

CORNER SECS.
1, 2, 35, 36, T. 7, 8 N.
R. 15 W. FD. CO.
SURVEYORS B.C. MON
DN. 24" MKD.
F.B. 2222 - 93
F.B. 3222 - 70, 87
C.S.B. 1421 - 2

COUNTY SURVEYOR
T. 8 N.
R. 15 W.
35 36
2 1
T. 7 N.
R. E. 2177

2641.68

1/4 COR. SECS.
1, 2, T. 7 N. R. 15 W.
FD. CO. SURVEYOR
B.C. MON. DN. 18
STAMPED
F.B. 3222 - 72
C.S.B. 1421 - 2

COUNTY SURVEYOR
T. 7 N.
R. 15 W.
2 1
1/4 COR
R. E. 2177

817.51

FD. 1X2 STK.
& NAIL FL.
NO REF.

1414.33

2642.06 @ (T = 62) = 2641.68.
817.57 @ (T = 72) = 817.51.
1414.44 @ (T = 72) = 1414.33.
409.72 @ (T = 72) = 409.69.

P.O.L.
FD. 1X2 STK.
& N. FL.
NO REF.

409.69

CORNER SECS.
1, 2, 11, 12 T. 7 N. R. 15 W.
FD. CO. SURVEYORS B.C. MON.
DN. 20" MKD.
F.B. 3222 - 75, 103,
C.S.B. 1421 - 2

COUNTY SURVEYOR
T. 7 N.
R. 15 W.
2 1
11 12
R. E. 2177

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NOTES RED _____ JOB NO. 0096.48 SURVEY OF 170TH ST. WEST

DATE _____ SURVEY BY J. C. PIERCE

NOTES CHKD. _____ NOTES BY J. C. P. DATE 11-2-65

DATE _____ INDEXED C. J. GALLI DATE NOV 8 '65

F. B. 3222 PG. 105

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						J. N. 0096.48
						170TH STREET WEST
						BENCH LEVELS
						PIERCE VAN NESS TALBOT ALBRIGHT

765420 S & E-353 4-54

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JOB NO. 009648 SURVEY OF 170TH ST. WEST
SURVEY BY J. C. FIERCE
NOTES BY J. C. FIERCE DATE 11-2-65 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE NOTES RED

F.B. 3222 Pg. 106

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM* 102-41	2785.124					BM* 102-41 1958 ADJ. ELEV = 2785.124
+	5.997		6.209			F.B. 2412-45 AVENUE F-8 AND 170TH ST. W.
π	2791.121	+3.933	+3.931			35.7' S. OF E. AVE. F-8 & 6' E. OF ℄ 170TH ST W.
−	2.064		2.278			2.7' W. OF TEL. POLE A.C.E. MON STAMPED
T.P.	2789.057					"BM 102-41 1957 RE 5869" IN TOP 12" CONC. POST
+	6.737		6.850			4" ABOVE GROUND
π	2795.794	+3.634	+3.635			
−	3.103		3.215			
T.P.	2792.691					
+	5.179		5.317			
π	2797.870	+3.745	+3.746			
−	1.434		1.571			
T.P.	2796.436					
+	7.831		7.688			
π	2804.267	+5.483	+6.487			
−	1.348		1.201			
T.P	2802.919					
+	6.166		6.316			
π	2809.085	+5.087	+5.086			
−	1.079		1.230			
B.M.N.C.	2808.006					BMNC UNADJ. ELEV =
+	6.615		6.678			F.B. 3222 - 170TH ST. W. AT 1320'± S. OF
π	2814.621	+5.247	+5.249			AVE F-8 SET BT. SPK IN TP (NO NUMBER)
−	1.368		1.429			
T.P.	2813.253					
+	7.321		7.131			
π	2820.574	+6.160	+6.159			
−	1.161		0.972			
T.P	2819.413					

765420 S & E-353 4-54

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NOTES RED _____ JOB NO. 0096.48 SURVEY OF 170TH ST. WEST
DATE _____ SURVEY BY J.C. PIERCE
NOTES CHKD _____ NOTES BY J.C.P. DATE 11-2-65
DATE _____ INDEXED G. J. GALLI DATE _____

F. B. 3222 PG. 107

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2819.413					
+	9.636		9.754			
Π	2829.049	+9.426	+9.425			
−	0.210		0.329			
T.P.	2828.839					
+	11.859		11.720			
Π	2840 698	+11.189	+11.187			
−	0.670		0.533			
T.P.	2840.028					
+	11.097		11.273			
Π	2851.125	+10.700	+10.700			
−	0.397		0.573			
T.P.	2850.728					
+	10.954		11.170			
Π	2861.682	+10.416	+10.416			
−	0.538		0.754			
T.P.	2861.144					
+	10.960		11.110			
Π	2872.104	+10.518	+10.517			
−	0.442		0.593			
T.P.	2871.662					
+	11.260		11.476			
Π	2882922	+10.825	+10.826			
−	0.435		0.650			
T.P.	2882.487					
+	10.967		11.172			
Π	2893.454	+10.614	+10.613			
−	0.353		0.559			
TP	2893.101					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2893.101					
+	11.312		11.435			
π	2904.413	+10.592	+10.592			
−	0.720		0.843			
T.P.	2903.693					
+	5.048		4.839			
π	2908.741	−6.310	−6.310			
	11.358		11.149			
T.P.	2897.383					
+	0.646		0.427			
π	2898.029	−10.243	−10.242			
−	10.889		10.669			
T.P.	2887.140					
+	2.565		2.695			
π	2889.705	−8.143	−8.143			
−	10.708		10.838			
BMNC.	2878.997					B.M.N.C.# UNADJ. ELEV =
+	1.964		2.055			170TH ST. W. AND AVE. G. AT SECTION COR
π	2880.961	−6.698	−6.697			1, 2, 35, 36, T.7N. T.8N. R.15W. A COUNTY SURVEYOR
−	8.662		8.752			B.C. MON. DN. 15" ELEV. TAKEN ON 'S' IN SURVEYOR
T.P.	2872.299					
+	2.941		3.160			
π	2875.249	+0.322	0.321			
−	2.619		2.839			
T.P.	2872.630					
+	2.345		2.483			
π	2874.975	−7.253	−7.251			
−	9.598		9.734			
T.P.	2865.377					

JOB NO. 0096.48 SURVEY OF 170TH ST. WEST NOTES RED
SURVEY BY J.C. PIERCE DATE
NOTES BY J.C. PIERCE DATE 11-2-65 NOTES CHKD
INDEXED C. J. GALLI DATE DATE

F. B. 3222 PG. 108

769420 S & E-353 4-54

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NOTES RED _____ JOB NO. 0096.48 SURVEY OF 170TH ST. W.
DATE _____ SURVEY BY J.C. PIERCE
NOTES CHKD _____ NOTES BY J.C. PIERCE DATE 11-2-65
DATE _____ INDEXED G. J. GALLI DATE _____

F.B. 3222 PG. 109

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2865.377					
+	2.041		2.170			
⊼	2867.418	-3,300	-3.301			
-	5.341		5.471			
T.P.	2862.077					
+	5.798		5.949			
⊼	2867.875	+3.208	+3.208			
-	2.590		2.741			
BMHC	2865.285					B.M. NO. # UNADJ. ELEV =
+	2.472		2.587			F.B. 3222 - 170TH ST. W, 800' ± S. OF
⊼	2867.757	-2.908	-2.908			AVE. G, A BT. SPK. IN. T.P # M12653 V
-	5.380		5.495			
T.P.	2862.377					
+	2.845		3.032			
⊼	2865.222	-4.120	-4.120			
-	6.965		7.152			
T.P.	2858.257					
+	1.201		1.091			
⊼	2859.458	-6.278	-6.278			
-	7.479		7.369			
T.P.	2851.979					
+	3.383		3.195			
⊼	2855.362	-1.966	-1.968			
-	5.349		5.163			
T.P.	2850.013					
+	1.403		1.534			
⊼	2851.416	-7.986	-7.987			
-	9.389		9.521			
T.P.	2842.027					

765420 S & E-353 4-54

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JOB NO. 0096.48 SURVEY OF 170TH ST WEST
SURVEY BY J. C. PIERCE
NOTES BY J. C. PIERCE DATE 11-2-65
INDEXED C. J. GALLI DATE

NOTES RED DATE
NOTES CHKD DATE

F.B. 3222 PG. 110

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	2842.027					
+	1.050		1.169			
Π	2843.077	-10.498	-10.498			
-	11.548		11.667			
T.P.	2831.529					
+	1.942		1.831			
Π	2833.471		-7.157			
-	9.099	-7.157	8.988			
T.P.	2824.372					
+	2.525		2.741			
Π	2826.897	-5.938	-5.938			
-	8.463		8.679			
T.P.	2818.434					
+	1.710		1.894			
Π	2820.144	-7.069	-7.068			
-	8.771		8.962			
T.P.	2811.373					
+	2.037		1.826			
Π	2813.402	-5.770	-5.773			
-	7.807		7.599			
T.P.	2805.595					
+	2.001		1.730			
Π	2807.596	-4.208	-4.211			
-	6.209		5.941			
T.P.	2801.387					
+	4.444		4.670			
Π	2805.831	-0.186	-0.189			
-	4.630		4.859			
T.P.	2801.201					

769420 S & E-353 4-54

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NOTES RED. JOB NO. 0096.48 SURVEY OF 170TH ST. WEST
DATE SURVEY BY J.C. PIERCE
NOTES CHKD NOTES BY J.C. PIERCE DATE 11-2-65
DATE INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
~~T.P.~~	2801.201					
+	3.030		3.194			
Δ	2804231	-4.630	-4.628			
−	7.660		7.822			
T.P.	2796.571					
+	2.859		3.050			
Δ	2799.430	-3.857	-3.856			
−	6.716		6.906			
T.P.	2792.714					
+	2.850		2.977			
Δ	2795.564	-2.149	-2.146			
−	4.999		5.123			
BM 102-39	2790.565					B.M. 102-39 1958 ADJ. ELEV. = 2790.538 F.B. M1 2412-43 NEAR FAIRMONT LANCASTER ROAD 0.5 N.W. OF 160TH ST. W. 25 FT. N.E. OF CTR. PVM'T. UNDER A BARBED WIRE FENCE 87' S.E. OF PP# 1491113E A COUNTY ENGINEER MON. STAMPED "BM 102-39 1957 R.E. 5869' FL, ABOUT 1 FOOT ABOVE ROAD GRADE

F.B. 3222 PG. 111

Notes Ck'd by M. ASHLEY	Survey of 170TH ST. WEST	F.B. 3222 PG. 113
Map No. 8-2980	JN 0096.48 Tape 190 Std 84 °F	
Office Work T. D. BURNS	Surveyed by J. C. PIERCE	
Checked G. E. BARR	Notes J. C. P. Date 11-2-65	
Date	Indexed G. J. GALLI	

J.N. 0096.48

170TH ST. WEST

PROPOSED CENTERLINE AT AVE G.

SET PER STAKING SHEET

PIERCE
VAN NESS
ALBRIGHT

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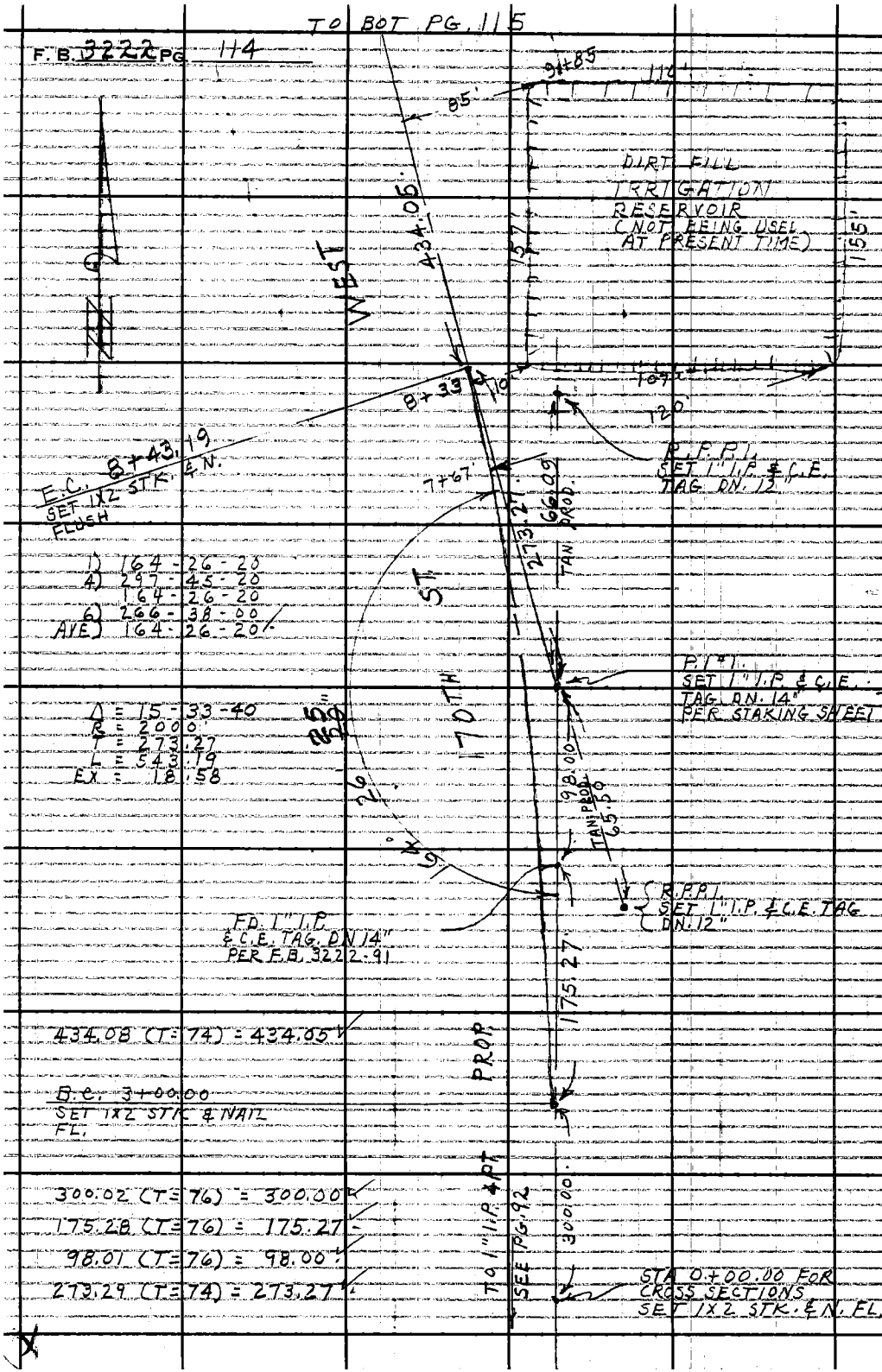
76F3095 CE #310 663

F.B. 3222 PG. 114



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Notes Ck'd by M. ASHLEY
Map No. 6-2980
Office Work T. H. BURNS
Checked G. E. BARR
Date

Survey of 178TH ST. W.
JN 009648 Tape 190 Std PA °F
Surveyed by J. C. PIERCE
Notes J. C. P. Date 11-1-65
Indexed G. J. GALLI

F. B. 3222 Pg. 115

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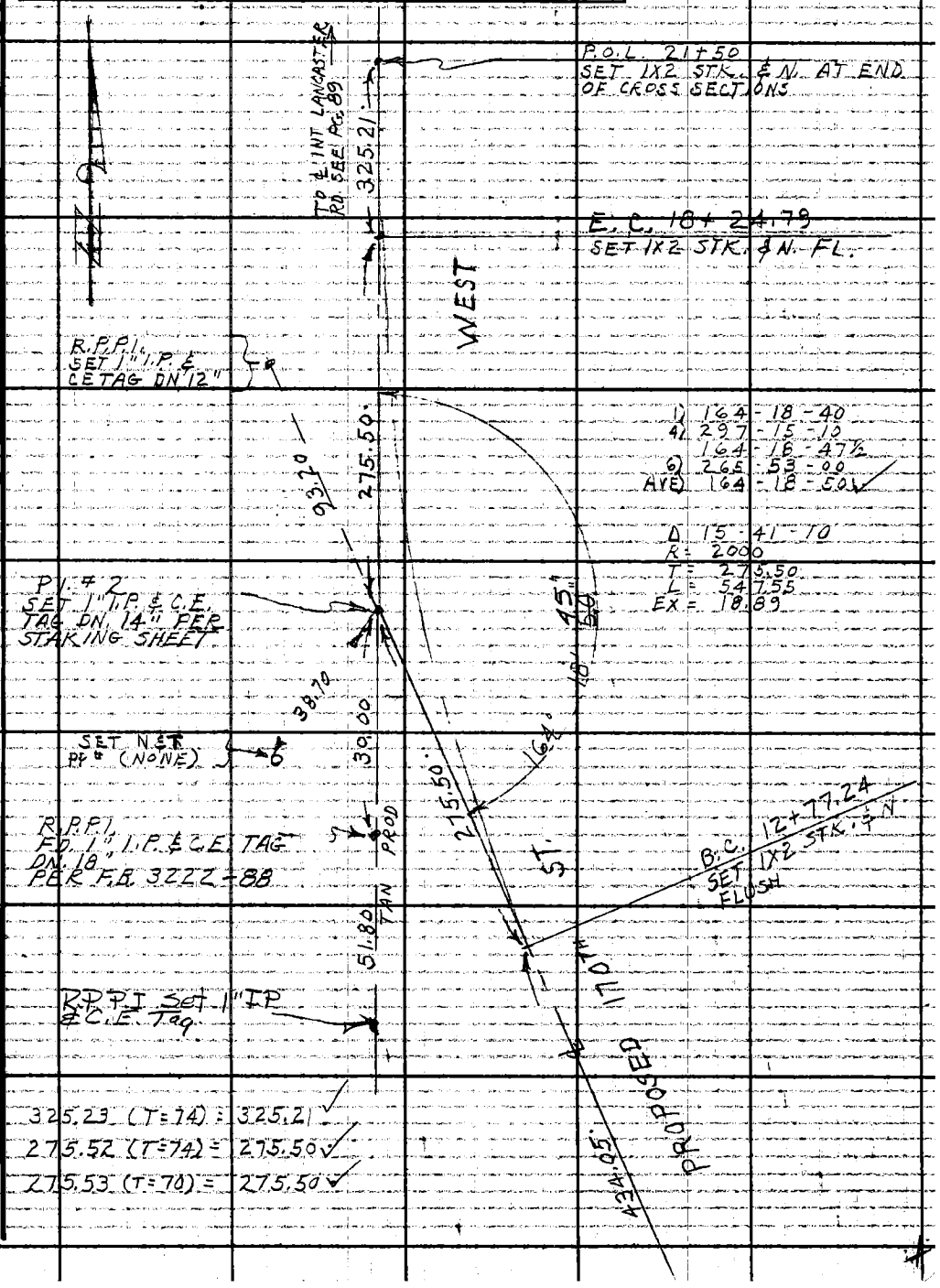
76F3095 CE #310 · 63



Profile No. ____ X-Sec. No. ____

Notes Red. ____ Date ____ Plotted ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

Job No. 00964.8 Division No. 11 | F. B. 3222 Pg. 117

Survey of 170TH ST. W.

Survey by J.C. PIERCE Notes J.C.P Date 11-4-65

Map No. ____ Indexed T. T. GALL Date ____

J. N. 0096.48

170TH STREET WEST

CROSS SECTIONS

PIERCE
VAN NESS
ALBRIGHT

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

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76L-298 S & E #307—1-66

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M.N.C.-	6 38	2871 67		2865 285	BMNC ELEV = 2865.285 F.B. 3222-109 170TH ST. W. 800± S OF AVE. G A BT. SPK. IN T.P. # M12653V	
0+00			56	661		℄
			46	671		50' R SLOPE
			89	628		100' R TOP
			131	586		150' R SLOPE
			70	647	50 L SLOPE	
			84	633	100 L "	
			87	630	150 L "	
0+50			49	668		℄
			33	684		50 R TOP BRK
			84	633		100 R SLOPE
			132	585		150 R "
			71	646	50 L SLOPE	
			85	632	100 L "	
			92	625	150 L "	
1+00			42	675		℄ SLOPE
			25	692		50 R "
			24	693		80 R TOP BRK
			56	661		100 R SLOPE
			131	28586		150 R "

F. B. 3222 Pg. 118 Job No. 009648 Division No. 11 Notes Red. Plotted Profile
Survey of 170TH ST. W. Date Date No.
Survey by J.C. PIERCE Notes J.C.P. Notes Chkd. Checked X-Sec.
Indexed G. J. GALLI Date 11-4-65 Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+00		287.67	69	286.48	50 L SLOPE	
			88	629	100 L "	
			95	622	150 L "	
1+50			43	674		℄ SLOPE
			22	695		50' R "
			16	701		70 R TOP BRK
			39	678		100 R SLOPE
			123	594		150' R "
			74	643	50 L SLOPE	
			97	620	100 L "	
			103	614	150 L HD SWALE	
2+00			56	661		℄ SLOPE
			25	692		50 R "
			22	695		75 R TOP BRK
			39	678		100 R SLOPE
			122	595		150 R "
			91	626	50 L SLOPE	
			117	600	100 L BOT SWALE	
			108	609	150 L SLOPE	
2+50			85	2863.2		℄ SLOPE

Profile Notes Red. Plotted Job No. 09648 Division No. 11
No. X-Sec. Date Date Survey of 170TH ST. W.
No. Notes Chkd. Date Checked Survey by J.C.A./ERES Notes J.C.A. Date 11-4-65
Date Map No. Indexed C. J. GALLI Date NOV 8 '65

F.B. 3222 Pg. 119

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+50		2871 67	44	2867 3		50' R SLOPE
			31	686		80 R TOP BRK
			40	677		100 R SLOPE
			119	598		150'R
			127	590	50'L SLOPE	
			136	581	100'L SWALE	
			99	618	150' L SLOPE	
3+00			138	579		℄ SLOPE
			107	610		50'R "
			58	659		100'R "
			102	615		150'R "
			157	562	50 L SWALE	
			141	576	100 L SWALE	
			98	619	150'L SLOPE	
T.P.	1009	2870 99	1077	2860 90		
3+50			167	543		℄ BOT BRK
			152	558		50 R SLOPE
			132	578		100 R "
			100	610		150 R "
			155	555	50 L SWALE	
		~~125~~	125	2858 5	100 L SLOPE	

F.B. 3222 PG. 120 Job No. 0096.48 Division No. 11 Notes Red Plotted Profile
Survey of 170TH ST. W. Date Date No.
Survey by J.C. PIERCE Notes J.C.P. Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date 11-4-65 Date Date No.

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
3+50		287099	86	28624	150 L SLOPE	
4+00			167	543		℄ SWALE
			179	531		50 R SLOPE
			167	543		100' R "
			140	570		150 R SLOPE
			143	567	50 L SLOPE	
			95	615	100 L "	
			60	650	150 L "	
4+50			161	549		℄ SWALE
			179	531		50'R "
			189	521		100R SLOPE
			189	521		150 R "
			142	568	50' L	
			106	604	100' L	
			68	642	150 L	
5+00			139	571		℄ BOT BRK
			167	543		50R BOT BRK
			184	526		100R BOT SWALE
			195	515		150 R BOT SWALE
			119	591	50 L SLOPE	
			103	28607	100 L "	

Profile Notes Red ____ Plotted ____ Job No. 0096.48 Division No. 11 F.B. 3222 Pg. 121
No. ____ Date ____ Date ____ Survey of 170 TH ST. W.
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.C. PIERCE Notes J.C.P. Date 11-4-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
5+00		2870 99	81	2862 9	150'L	
5+50			88	62 2		℄ SLOPE
			128	58 2		50R "
			154	55 6		100R "
			168	54 2		150R "
			60	65 0	50'L SLOPE	
			56	65 4	100'L "	
			59	65 1	150'L S "	
6+00			41	66 9		℄ SLOPE
			87	62 3		50 R "
			104	60 6		100 R "
			93	61 7		150 R "
	12 19	2879 35	383	2867 16	T.P.	
			74	72 0	50 L SLOPE	
			79	71 5	100 L "	
			108	68 6	150 L "	
6+50			99	69 50		℄ SLOPE
			145	64 9		50R SWALE
			140	65 4		100R SLOPE
			92	70 2		150R "
			40	75 4	50' L SLOPE	

F.B. 3222 Pg. 122 Job No. 0096.48 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of 170TH ST. W. Date ____ Date ____ No. ____
Survey by J.C. PIERCE Notes J.C.P. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date 11-4-65 Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
6+50		2879 35	24	28770	100'L TOP BRK	
~~6+~~			60	734	150'L SLOPE	
7+00			84	710		℄ SWALE
			110	684		50 R "
			77	717		100 R SLOPE
			35	759		150 R SLOPE
			30	764	50'L SLOPE	
			07	787	100'L TOP BRK	
			36	758	150 L SLOPE	
T.P.	10.76	2888 13	198	287737	T.P.	
7+50			138	743		℄ SLOPE
"			13.1	750		50' R "
"			8.8	793		100'R "
"			4.6	835		150'R "
"			10.2	779	50'L SLOPE	
"			7.6	805	100'L "	
"			11.4	767	150'L "	
7+67			4.8	833		120'R BOT. FILL S.E.COR. RES.
T. P.	9.34	2896.16	1.31	2886.82		
7+85			4.5	917		120' R TOP FILL S.E.COR. RES.
8+00			17.2	28790		℄ SLOPE

Profile Notes Red. Plotted Job No 09648 Division No. 11
No. X-Sec. Date Date Survey of 170 TH ST W.
No. Notes Chkd. Date Checked Survey by J.C.P. FIELD Notes J.C.P Date 11-4-65
Date Map No. Indexed C. J. GALL Date

F.B. 3222 PG. 123

76-L298 CE 307 3-61

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F. B. 3222 Pg. 124 | Job No. 00968 | Division No. 11 | Notes Red | Plotted | Profile
Survey of 170TH ST. W. | Date | Date | No.
Survey by J.C. PIERCE Notes J.C.P. | Notes Chkd. | Checked | X-Sec.
Indexed L. J. GALLI | Date 11-4-65 | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
8 + 00		2896.16	15.4	28808		55' R BOT FILL
"			2.9	933		97'R TOP FILL
"			3.9	923		120'R TOP FILL
"			4.0	922		138'R TOP FILL
"			9.6	866		150'R. BOT FILL S.E. COR. RES.
"			15.3	809	50'L SLOPE	
"			12.6	836	100'L TOP BRK	
"			15 8	804	150'L SLOPE	
8 + 33			13.4	828		10' R BOT FILL S.W. CO R. RES.
8 + 43 19 E.C.			11.7	845		
"			11.5	847		10'R BOT. FILL S.W. COR RE
"			2.7	935		30'R TOP FILL
"			2.7	935		41'R TOP FILL
"			9.7	865		55'R. BOT. INTERIOR S.W. COR. RE
"			11.5	847		100'R BOT OF RES.
"			11.6	846		125'R BOT FILL INTERIOR RES
"			3.7	925		145'R TOP FILL
"			4.0	922		155'R TOP FILL
"			10.0	862	50'L	
"			9.00	872	100'L	
"			10.8	28854	150'L	

76L-298 S & E #307—1-56

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Profile Notes Red. Plotted Job No. 009648 Division No. 11
No. X-Sec. Date Date Survey of 170 TH ST. W.
No. Notes Chkd. Checked Survey by J.C. PIERCE Notes J.C.P. Date 11-4-65
Date Date Map No. Indexed C. J. GALLI Date

F. B. 3222 Pg. 125

STATION	B. S.	H. I.	F. S.	ELEV.		
9+00		2896.16	5.1	2891		℄
"			4.8	914		35'R BOT. FILL
"			1.7	945		38'R TOP FILL
"			2.5	937		48'R TOP FILL
"			11.6	846		68'R BOT. FILL INTERIOR RES.
"			12.4	838		100'R BOT. RES INTERIOR
"			12.4	838		150'R " FILL INTERIOR RES.
"			2.7	935	50'L SLOPE	
"			1.7	945	100'L "	
"			1.5	947	150'L "	
9+50			2.3	939		℄
"			5.3	909		52'R BOT. FILL
"			3.3	929		60'R TOP FILL
"			3.5	927		70'R TOP FILL
"			12.1	841		94'R N.W. INTERIOR COR. RES
"			5.4	908		150'R TOP FILL
"			+1.1	973	50'L SLOPE	
"			+3.2	2899.4	100'L "	
"			+4.2	2900.4	150'L "	
9+60			5.4	2890.8		150'R TOP FILL
9+70			5.4	2890.8		85'R TOP FILL N.W. COR R45

76L-298 S & E #307—1-56

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F. B. 3222 Pg. 126 | Job No. 009648 Division No. 11 | Notes Red. | Plotted | Profile
Survey of 170 TH ST. W. | Date | Date | No.
Survey by J.C. PIERCE Notes J.C.P. | Notes Chkd. | Checked | X-Sec.
Indexed C. J. GALLI Date 11-4-65 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
9+85		2896.16	5.4	2890.8		85'R TOP FILL OUTSIDE N.W. COR
T.P.	8.13	2902.02	2.27	2893.89		
9+90			17.2	84.8		82' R. BOT. FILL N.W. COR RES.
10+00			9.3	92.7		℄ SLOPE
"			14.7	87.3		50'R "
"			20.2	81.8		100'R "
"			25.0	77.0		150'R "
"			4.4	97.6	50'L SLOPE	
"			0.0	2902.0	100'L "	
"			+2.2	2904.2	150'L "	
T.P.	0.69	2891.22	11.49	2890.53		
10+50			3.0	88.2		℄ SLOPE
"			8.9	82.3		50'R "
"			15.6	75.6		100'R "
"			23.4	67.8		150'R "
"			+3.0	94.2	50'L SLOPE	
"			+7.8	99.0	100'L "	
"			+11.6	2902.8	150'L "	
11+00	0.49	2880.62	11.09	2880.13		℄ SLOPE
"			4.8	75.8		50'R "
"			11.3	69.3		100'R "

76L-296 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
11+00		2880.62	18.0	2862.6		150'R SLOPE
"			+5.4	86.0	50'L SLOPE	
"			+10.6	91.2	100'L "	
"			+17.2	97.8	150'L "	
11+50			10.4	70.2		℄ SLOPE
"			15.2	65.4		50'R "
"			19.8	60.8		100'R "
"			25.6	55.0		150'R "
"			4.8	75.8	50'L SLOPE	
"			+0.5	81.1	100'L "	
"			+5.6	86.2	150'L "	
T.P.	0.54	2869.04	12.12	2868.50		
12+00			8.3	60.7		℄ SLOPE
"			12.5	56.5		50'R "
"			17.3	51.7		100'R "
"			22.0	47.0		150'R "
"			3.0	66.0	50'L SLOPE	
"			+1.6	70.6	100'L "	
"			+7.0	76.0	150'L "	
12+50			17.6	51.4		℄ SLOPE
"			22.0	2847.0		50'R "

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 009648 Division No. 11 F. B. 3222 Pg. 127
X-Sec. No. ____ Date ____ Date ____ Survey of 170TH ST W.
Notes Chkd. ____ Checked ____ Survey by J.C. PIERCE Notes J.C.P. Date 11-4-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L-298 S & E #307—1-56

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F. B. 3222 PG. 128 | Job No 009648 Division No 11 | Notes Red ____ Plotted ____ Profile
Survey of 170TH ST. W. | Date ____ Date ____ No ____ X-Sec.
Survey by S.C.P./PEREZ Notes S.C.P. | Notes Chkd ____ Checked ____ No ____
Indexed C. J. GALLI Date 11-4-65 | Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
12+50		2869 04	25.4	2843.6		100'R SLOPE
"			29.6	39.4		150'R "
"			13.0	56.0	50'L SLOPE	
"			8.4	60.6	100'L "	
"			3.6	65.4	150'L "	
T.P.	0.95	2858.53	11.46	2857.58		
12+77.24 B.C.	0.07	2846.76	11.84	2846.69		
13+00			4.2	42.6		℄ SLOPE
"			7.4	39.4		50'R "
"			10.2	36.6		100'R "
"			13.7	33.1		150'R "
"			0.6	46.2	50'L SLOPE	
"			+4.0	50.8	100'L "	
"			+7.6	54.4	150'L "	
13+50	0.03	2834.81	11.98	2834.78		℄ SLOPE
"			2.2	32.6		50'R "
"			3.9	30.9		100'R "
"			6.1	28.7		150'R "
"			+2.8	37.6	50'L SLOPE	
"			+4.8	39.6	100'L "	
"			+7.8	28.426	150'L "	

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.			
14+00		2834 81	7.0	2827 8		℄	SLOPE
"			8.8	26 0		50'R	"
"			10.0	24 8		100'R	"
"			10.7	24 1		150'R	"
"			5.4	29 4	50'L SLOPE		
"			2.8	32 0	100'L "		
"			+ 0.8	35 6	150'L "		
T.P.	3.01	2826 .23	11.59	2823 .22			
14+50			3.9	22 3		℄	SLOPE
"			5.4	20 8		50'R	"
"			6.0	20 2		100'R	TOE SLOPE
"			6.0	20 2		150'R	" "
"			1.7	24 5	50'L SLOPE		
"			+ 1.2	27 4	100'L "		
"			+ 4.0	30 2	150'L "		
15+00			8.0	18 2		℄	TOE SLOPE
"			8.4	17 8		50'R	" "
"			7.8	18 4		100'R	FLAT
"			7.3	18 9		150'R	"
"			6.7	19 5	50'L TOE SLOPE		
			5.0	2821 2	100'L " "		

Profile Notes Red. Plotted Job No. 009648 Division No. 11
No. Date Date Survey of 170TH ST W.
X-Sec. Notes Chkd. Checked Survey by J.C.PEARL Notes J.C.P. Date 11-4-65
No. Date Date Map No. Indexed C. J. GALL Date

F.B. 3222 PG. 129

76-L296 CE 807 3-61

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F.B. 3222 P. 130 | Job No. 00648 | Division No. 11 | Notes Red | Plotted | Profile
Survey of 170TH ST. W. | Date | Date | No. | X-Sec.
Survey by J.C. PIERCE | Notes J.C.P. | Notes Chkd. | Checked | No.
Indexed C. J. GALLI | Date 11-4-64 | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
15+00		2826.23	9.8	28164	150'L TOE SLOPE	
15+50			9.7	165		℄ FLAT
"			9.5	167		50'R "
"			9.0	172		100'R "
"			8.2	180		150'R "
"			9.3	169	50'L FLAT	
"			7.9	183	100'L "	
"			6.2	200	150'L "	
16+00			10.8	154		℄ FLAT
"			10.4	158		50'R "
"			9.6	166		100'R "
"			9.3	169		150'R "
"			10.9	153	50'L FLAT	
"			10.4	158	100'L "	
"			9.3	169	150'L "	
16+50			12.0	142		℄ FLAT
"			11.6	146		50'R "
"			11.1	151		100'R "
"			9.8	164		150'R "
"			12.3	139	50'L FLAT	
"			12.5	28137	100'L "	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
16+50		2826.23	12.1	2814.1	150'L FLAT	
T.P.	3.81	2819.02	11.02	2815.21		
17+00			5.5	13.5		℄ FLAT
"			5.5	13.5		50'R "
"			4.7	14.3		100'R "
"			3.9	15.1		150'R "
"			6.5	12.5	50'L FLAT	
"			6.9	12.1	100'L "	
"			7.2	11.8	150'L	
17+50			6.3	12.7		℄ FLAT
"			6.4	12.6		50'R "
"			5.4	13.6		100'R "
"			4.8	14.2		150'R "
"			7.4	11.6	50'L FLAT	
"			8.1	10.9	100'L "	
"			8.9	10.1	150'L "	
18+00			7.3	11.7		℄ FLAT
"			7.2	11.8		50'R "
"			6.4	12.6		100'R "
"			5.6	13.4		150'R "
"			8.7	2810.3	50'L	

Profile Notes Red. ____ Plotted ____ Job No. 009648 Division No. 11 F. B. 3222 Pg. 131
No. ____ Date ____ Date ____ Survey of 170TH ST. W.
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.C. PIERCE Notes J.C.P. Date 11-4-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L-298 S & E #307—1-56

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F. B. 3222 PG. 132 Job No 009648 Division No. 11 Notes Red Plotted Profile
Survey of 170 FT ST. W. Date Date No. X-Sec.
Survey by J.C. PIERCE Notes J.C.P. Notes Chkd. Checked
Indexed C. J. GATTI Date 11-4-65 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
18+00		28.19 02	9.5	28095	100'L FLAT	
"			10.3	087	150'L "	
18+50			8.4	106		℄ FLAT
"			8.3	107		50'R "
"			7.5	115		100'R "
"			6.9	121		150'R "
"			9.7	093	50'L FLAT	
"			10.5	085	100'L "	
"			11.5	075	150'L "	
19+00			9.3	097		℄ FLAT
"			9.2	098		50'R "
"			8.6	104		100'R "
"			7.7	113		150'R "
"			10.7	083	50'L FLAT	
"			11.7	073	100'L "	
"			12.5	065	150'L "	
19+50			10.2	088		℄ FLAT
"			10.5	085		50'R "
"			9.8	092		100'R "
"			9.2	098		150'R "
"			11.7	28073	50'L	

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
19+50		2819.02	12.5	2806.5	100'L FLAT	
"			13.4	05.6	150'L "	
20+00			11.6	07.4		℄ FLAT
"			11.7	07.3		50'R "
"			11.0	08.0		100'R "
"			10.6	08.4		150'R "
"			12.5	06.5	50'L FLAT	
"			13.3	05.7	100'L "	
"			14.2	04.8	150'L "	
T.P.	2.41	2810.42	11.01	2808.01		
20+50			41	06.3		℄ FLAT
			45	05.9		50'R "
			37	06.7		100'R "
			29	07.5		150 R "
			52	05.2	50'L FLAT	
			61	04.3	100 L "	
			72	03.2	150'L "	
21+00			53	05.1		℄ FLAT
			54	05.0		50'R "
			49	05.5		100'R "
			43	2806.1		150'R "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0096.48 Division No. 11 F.B. 3222 Pg. 133
Date ____ Date ____ Survey of 170TH ST. W.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.C. PIERCE Notes J.C.P. Date 11-5-65
Date ____ Date ____ Map No. ____ Index G. J. GALLE Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
21+00		2810 42	64	2804 0	50 L FLAT	
			74	03 0	100 L "	
			80	02 4	150 L "	
21+50			66	03 8		℄ FLAT
			66	03 8		50 R "
			61	04 3		100 R "
			55	04 9		150 R "
			79	02 5	50 L FLAT	
			89	01 5	100 L "	
			96	00 8	150 L "	
BMNC			241	2808 01	B.M.N.C. UNADJ ELEV = 2808.006 F.B. 3222-106	
					170TH ST. W. AT 1320± S. OF AVE. F-8 ABT SPK	
					IN TEL POLE NO NUMBER	

F.B. 3222 PG. 134

Job No. 009648 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of 170TH ST. W. Date ____ Date ____ No. ____

Survey by J. C. PIERE Notes J. C. P. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date 11-5-65 Date ____ Date ____ No. ____

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

Survey of 170TH ST. W.
JN 009648 Tape 228 Std 84 °F
Surveyed by HALISCKY
Notes HALISCKY Date 6-13-66
Indexed C. J. GALLE JUL 5 66

F. B. 3222 Pg. 135

JN 009648

(170TH ST. WEST)
Lake Hughes Road
PROFILE FOR AERIAL CHECK

Ref. F.B. 3222 - 48, 50, 52 and
CONTOUR SHEET # 11 S.D.F.M. 108-26

1H-2
0+00
EL. = 3135.1

HALISCKY
VAN HORN
HILL
SODER

2I+21.4

1-H-D
2I+65.2
0+00

35° 20' 20"

1H4
EL. = 3188.9

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76F309S CE#310 1-65

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T @ STATION #L-H 2 SIGHT ON ST #L-H ELEV. 3435.1 H.I. 5.2

ST.	SL. DIST.	VERT. DIST.	HOR. DIST	ROD	VERT. ANGLE	VERT. DIST	EL. ST	REMARKS
0+34	—	-2°50'	34.01	5.2			3429.9	TOP BRK
1+49.0	150.7	-8°30'	149.0	5.2	-8°26'	22.1	3413.0	CTR. SADDLE
2+96.9	300.0	-8°07	296.9	5.2	-7°30'	39.1	3396.0	PT ON LINE L-H 2
T @ ST.	2+99.10	SIGHT ON	ST. L-H-1			H.I. = 4.9	3396.0	
0+00	299.7	+7°30	297.1	4.9	+7°30	39.1	3396.0	
4+59.51	164.4	-8°51	162.4	4.9	-8°51	25.3	3388.0	SLOPE
5+47.3	253.3	-9°02	250.2	4.9	-9°02	39.8	3382.2	PT ON LINE L-H
T @ ST	5+47.3	SIGHT	ON STA. L-H			H.I. = 4.6		
6+12.4	96.7	-10°20'	95.1	4.6	-10°20'	-17.3	3338.9	SLOPE
7+52.9	207.6	-7°54'	205.6	4.6	-7°54'	-28.5	3327.7	TOP BK OF SLOPE
T @ STA.	7+52.9	SIGHT	ON STA L-	H4		H.I. = 4.8		
8+74.2	123.3	-10°20'	121.3	4.8	-10°20'	-22.1	3305.6	TOP OF BK ON SIDE HILL
T @ STA	8+74.2	SIGHT	ON STA	L-H4		H.I. = 4.7		
9+84.1	112.1	-11°15'	109.9	4.7	-11°15'	-21.9	3283.7	SLOPE
11+22.0	251.9	-10°20'	247.8	4.7	-10°20'	-45.1	3260.5	TOP OF BK.
T @ STA.	11+22.0	SIGHT	ON STA L-H4			H.I. = 4.7		
12+16.4	100.5	-19°59'	94.4	4.7	-19°59'	-34.3	3226.2	SIDE HILL SLOPE
13+02.8	191.8	-19°25'	180.8	4.7	-19°25'	-63.7	3196.8	BOT OF DRAW
14+13.1	297.6	-11°55	291.1	4.7	-11°55	-61.5	3199.0	SIDE HILL SLOPE
T @ STA.	14+13.1	SIGHT ON	STA. L-H4			H.I. = 4.5		
15+12.9	101.6	+10°40'	99.8	4.5	+10°40'	+18.8	3217.8	SLOPE
16+12.2	203.7	+12°05'	199.1	4.5	+12°05'	+42.6	3241.6	TOP OF RIDGE

F.B. 3312 Pg. 136

76F309S CE#310 1-65

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STATION	SLOPE DISTANCE	VERTICAL ANGLE	HORZ. DISTANCE	ROD	VERTICAL DISTANCE	ELEV.	REMARKS
π @ STA. 16+12.2		SIGHT ON	STA L-H4		H.I. 4.7		
17+69.9	159.1	-7°35'	157.7	4.7	-20.9	3220.7	BOT BRK
19+11.2	299.4	-3°03'	299.0	4.7	-15.9	3225.7	SLOPE
π @ STA. 19+11.2		SIGHT ON	STA L-H4		H.I. 4.6		
20+45.9	134.9	-3°09'	134.7	4.6	-7.4	3218.3	SLOPE
π @ STA. 20+45.9		SIGHT ON	STA L-H4		H.I. 4.8		
21+21.4	77.4	-12°50'	75.5	4.8	-17.1	3201.2	SLOPE
π @ STA 21+21.4		SIGHT ON	STA. L-H4		H.I. 4.4		
21+65.2 HORZ. ∡ TO L-H-D 35°20'20"	44.5	-9°02'	43.8	4.4	-7.0	3194.2	SLOPE STA. L-H-D
π @ STA L-H-D SIGHT ON L-H4					ELEV.	3194.6 H.I. 4.8	1" I.P. 2 UP NO PLUG OR TAG
1+31.3	134.0	-11°30'	131.3	4.8	-26.7	3167.9	BOT. OF DRAW
2+20.1	221.3	-5°56'	220.1	4.8	-22.9	3171.7	SIDEHILL SLOPE
2+97.9	298.1	-2°06'	297.9	4.8	-10.9	3183.7	SLOPE
π @ STA. 2+97.9		SIGHT ON	L-H4		H.I. 4.7		
3+85.9	88.7	+7°16'	88.0	4.7	+11.2	3194.9	BRK TOP ED RIDGE
4+44.4	—	LEVEL	58.5	-2.3	-2.3	3192.6	TOP RIDGE
4+99.1	—	LEVEL	54.7	-7.0	-6.4	3188.5	1" I.P. STA L-H4 TOP RIDGE

Notes Ck'd by
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Office Work
Checked
Date

Survey of 170TH ST. W.
JN 009648 Tape 228 Std. 84 °F
Surveyed by HALISCKY
Notes VANNESS Date 6-14-66
Indexed G. J. GALLI

F.B. 3222 PG. 137

Notes Ck'd by	Survey of 170TH ST W.
Map No.	JN 00648 Tape 228 Std 84 °F
Office Work	Surveyed by VAN NESS
Checked	Notes VAN NESS Date 6-15-66
Date	Indexed ~~C. J. GALLI~~

F. B. 3222 Pg. 139

J.N. 00648

(170TH ST. WEST)

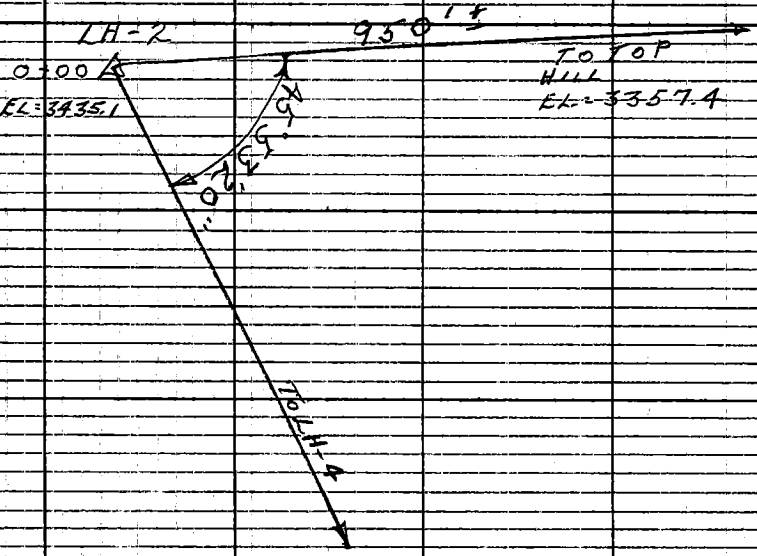
Lake Hughes Road

PROFILE FOR AERIAL CHECK

Ref. F.B. 3222 - 48 and

CONTOUR SHEET # 11 S.D.F.H. 108-26

VAN NESS
HILL
VAN HORN
SOPER



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76F3095 CE#310 1-65

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STATION	SLOPE DISTANCE	VERTICAL ANGLE	HORZ. DISTANCE	ROD	VERTICAL DISTANCE	ELEV. 3435.1	REMARKS
T @ STA. L H2 SIGHTING ON PT. THAT IS SCALED ∡ ON SHT. #11 45°-53'-20" IN S.E. H.I.=5.2							
0+50.0	—	LEVEL	50.0	9.5	-9.5	3430.8	SLOPE
0+89.9	91.0	-9°00'	89.9	5.2	-14.2	3420.9	SLOPE
T @ STA. 0+89.9		SIGHT ON	RECORD PT.		H.I.=5.2		
1+45.9	59.0	-18°14'	56.0	5.2	-18.5	3402.4	SLOPE
2+10.6	126.7	-17°41'	120.7	5.2	-38.5	3382.4	SIDE HILL SLOPE
3+83.7	297.7	-9°18'	293.8	5.2	-48.1	3372.8	SIDE HILL SLOPE
T @ STA. 3+83.7		SIGHT ON	RECORD PT.		H.I.=5.1		
4+68.2	84.8	-4°55'	84.5	5.1	-7.3	3365.5	SLOPE
5+65.9	183.7	-7°21'	182.2	5.1	-23.5	3349.3	SLOPE
T @ STA 5+65.9		SIGHT ON	RECORD PT.		H.I.=5.0		
6+26.9	62.7	-13°28'	61.0	5.0	-14.6	3334.7	SLOPE
6+89.5	129.4	-17°09'	123.6	5.0	-38.2	3311.1	BOT OF DRAW
7+16.3	155.0	-14°00'	150.4	5.0	-37.5	3311.8	TOP OF DRAW & ℄ DIRT RD.
7+64.3	200.7	-8°38'	198.4	5.0	-30.1	3319.2	SLOPE
8+63.9	298.0	+0°40'	298.0	5.0	+3.5	3352.8	SLOPE
T @ STA 8+63.9		SIGHT ON	RECORD PT.		H.I.=4.9		
9+72.7	109.4	+6°06'	108.8	4.9	+11.6	3364.4	

F.B. 3222 PG. 140

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Date

Survey of 170TH ST. W.
JN 009648 Tape 228 Std. 84 °F
Surveyed by VANNESS
Notes VANNESS Date 6-13-66
Indexed C. J. GALLI

F. B. 3222 Pg. 141

JN 009648

(170TH ST. WEST)

Lake Hughes Road

PROFILE FOR AERIAL CHECK

Ref. F.B. 3222-52 and

CONTOUR SHEET #9-SDFM 108-26

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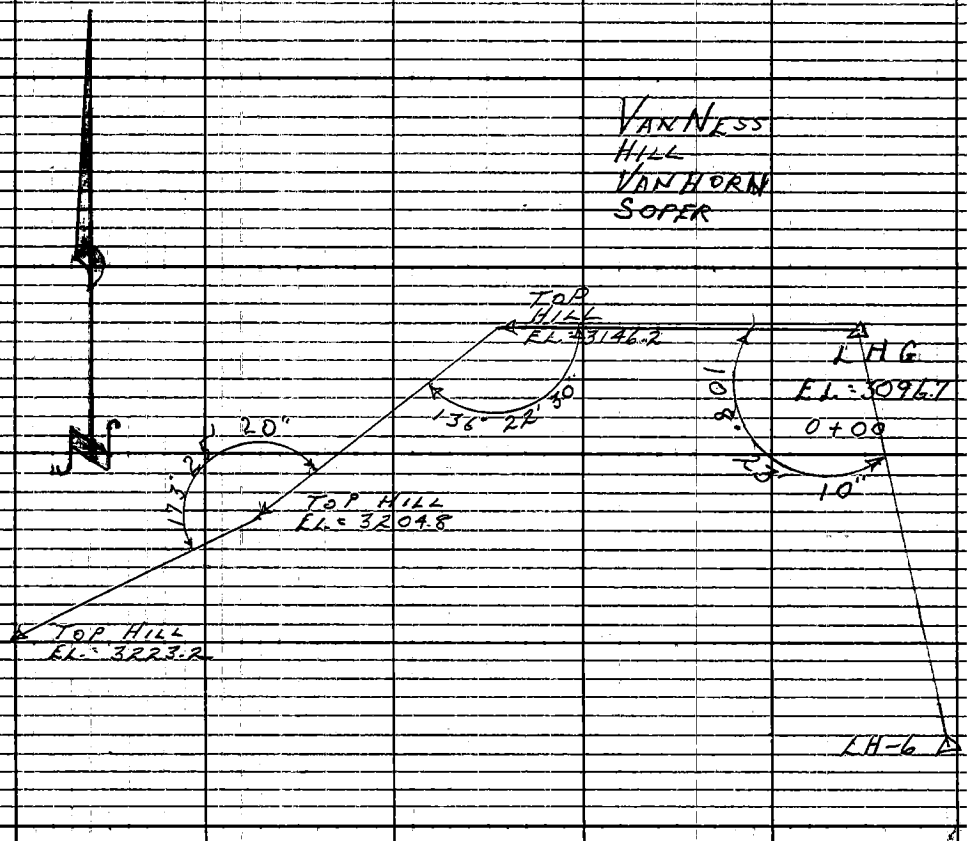

76F309S CE#310 1-65

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STATION	SLOPE DISTANCE	VERTICAL ANGLE	HORZ. DISTANCE	ROD	VERTICAL DISTANCE	ELEVATION	REMARKS
						3096.7	
⊼ @ STA.	L-H-G ∡ IN S.W. 108°23'10" FROM STA. LH-6 H.I. = 5.2						
1+14.7	114.7	+7°20'	114.7	5.2	+ 2.7	3099.4	SLOPE
2+29.7	229.8	+1°56'	229.7	5.2	+ 7.8	3104.5	SLOPE
3+00.8	301.0	+2°16'	300.8	5.2	+11.9	3108.6	SLOPE
⊼ @ STA.	3+00.8				H.I. = 5.2		
3+62.1	61.6	+5°16'	61.3	5.2	+ 5.7	3114.3	TOE OF SLOPE
4+48.9	149.4	+7°38'	148.1	5.2	+19.8	3128.4	SLOPE
5+73.6	275.5	+8°00'	272.8	5.2	+38.3	3146.9	TOP OF HILL
⊼ @ STA.	5+73.6 TOP OF HILL ∡ PT. 136°22'30" IN S.W.LY DIRECTION H.I. = 5.2						
6+27.2	53.6	-1°10'	53.6	5.2	- 1.1	3145.8	SLOPE
6+94.7	121.7	-5°32'	121.1	5.2	-11.7	3135.2	SLOPE
7+83.6	211.1	-5°45'	210.0	5.2	-21.2	3125.7	BOT OF DRAW
8+72.0	298.7	-2°26'	298.4	5.2	-12.7	3134.2	SLOPE
⊼ @ STA	8+72.0				H.I. = 5.2		
9+75.6	104.8	+8°35'	103.6	5.2	+15.6	3149.8	SLOPE
10+69.6	199.9	+8°39'	197.6	5.2	+30.1	3164.3	SLOPE
11+68.9	299.0	+6°52'	296.9	5.2	+35.7	3169.9	SLOPE
⊼ @ STA	11+68.9				H.I. = 5.2		
12+56.9	88.5	+6°23'	88.0	5.2	+ 9.8	3179.7	SLOPE
13+48.2	180.8	+7°25'	179.3	5.2	+23.3	3193.2	SLOPE
14+10.7	243.8	+7°20'	241.8	5.2	+31.1	3201.0	SLOPE
14+53.1	286.2	+6°45'	284.2	5.2	+33.6	3203.5	TOP OF HILL

142

F.B. 3222 PG.

76F309S CE#310 1-65

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STATION	SLOPE DISTANCE	VERTICAL ANGLE	HORZ. DISTANCE	ROD	VERTICAL DISTANCE	ELEVATION	REMARKS
Π @ STA 14+53.1 TOP OF HILL 4 PT. 173° 25'20" ON N. WLY SIDE H.I. = 5.0							
15+77.5	124.5	−2° 20'	124.4	5.0	− 5.1	3198.4	BOT OF SADDLE
16+36.4	183.4	−1° 22'	183.3	5.0	− 4.4	3199.1	" " "
17+52.9	299.8	+0° 35'	299.8	5.0	+ 3.1	3206.6	TOP RIDGE
Π @ STA 17+52.9 H.I. = 5.3							
18+93.6	141.0	+3° 46'	140.7	5.3	+ 9.3	3215.9	TOE OF SLOPE
19+67.7	215.3	+4° 02'	214.8	5.3	+15.1	3221.7	TOP OF HILL
20+00.8	248.5	+3° 38'	248.0	5.3	+15.7	3222.3	SLOPE

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

Survey of 170TH ST. W.
JN 009649 Tape 228 Std 84 °F
Surveyed by VAN NESS
Notes VAN NESS Date 6-15-66
Indexed C. J. GALLI

F.B. 3222 PG. 143

Notes Ck'd by	Survey of 170TH ST W.	F. B. 3222 PG. 145
Map No.	JN 009648 Tape 228 Std 8A	°F.
Office Work	Surveyed by HALISCKY	
Checked	Notes VANNESS Date 6-16-66	
Date	Indexed C. J. GALLI	

J.N. 009648

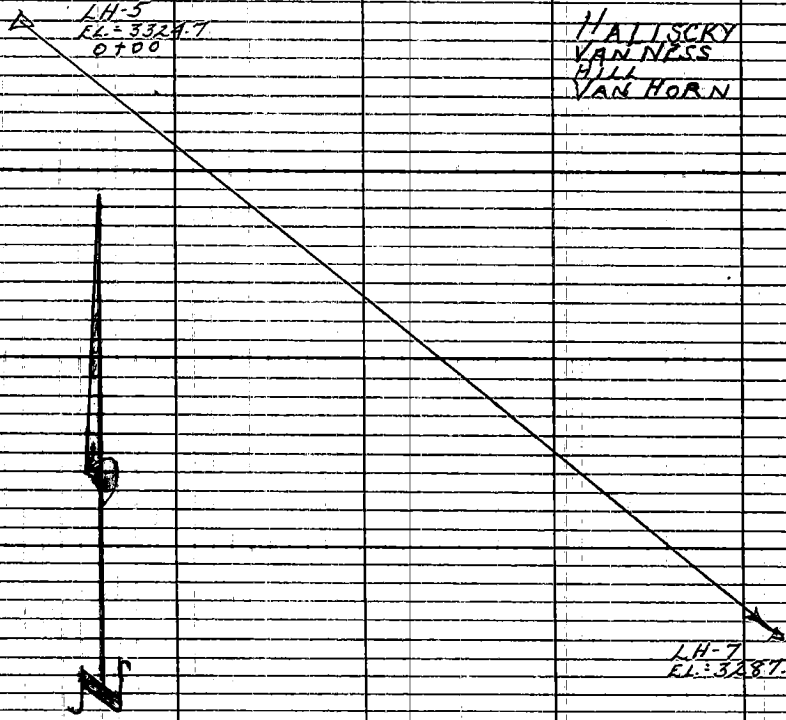
(170TH ST WEST)

Lake Hughes Road

PROFILE FOR AERIAL CHECK

Ref. F.B 3222 - 51, 53 and

CONTOUR SHEET #10-S.D.F.H-108-26



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STATION	SLOPE DISTANCE	VERTICAL ANGLE	H O R Z. DISTANCE	ROD	VERTICAL DISTANCE	ELEVATION	REMARKS
T@ STA LH-5		SIGHT ON	LH-7	H.I. = 5.0		3324.7	TOP of RIDGE
0+67.0	67.2	-4°27'	67.0	5.0	- 5.2	3319.5	SLOPE
T@ STA 0+67.0				H.I. = 4.8			
1+63.7	101.7	-17°57'	96.7	4.8	- 31.3	3288.2	SLOPE
2+40.0	177.9	-13°38'	173.0	4.8	- 49.2	3270.3	BOT. OF DRAW
3+20.0	257.8	-11°07'	253.0	4.8	- 49.7	3269.8	TOP RIDGE
3+61.7	300.0	-10°46'	294.7	4.8	- 56.0	3263.5	SLOPE
T@ STA 3+61.7		SIGHT ON	LH-7	H.I. = 4.5			
4+83.4	126.5	-15°45'	121.7	4.5	- 34.3	3229.2	SLOPE
5+48.8	194.2	-15°35	187.1	4.5	- 52.2	3211.3	SLOPE
T@ STA. 5+48.8		SIGHT ON	LH-7	H.I. = 5.4			
6+38.4	92.4	-14°05	89.6	5.4	- 22.5	3188.8	SLOPE
T@ STA 6+38.4		SIGHT ON	LH-7	H.I. = 4.5			
7+07.6	75.5	-23°30'	69.2	4.5	- 30.1	3158.7	SLOPE
8+40.1	221.7	+24°30'	201.7	4.5	- 91.9	3096.9	BOT. OF DRAW
T@ STA 8+40.1		SIGHT ON	LH-7	H.I. = 4.6			
8+57.6	17.9	-12°15'	17.5	4.6	- 3.8	3093.1	BOT OF CREEK
8+85.2	45.2	-3°03'	45.1	4.6	- 2.4	3094.3	TOE OF SLOPE
10+13.7	180.2	+15°30'	173.6	4.6	+ 48.2	3145.1	SLOPE
T@ STA 10+13.7		SIGHT ON	LH-7	H.I. = 4.4			
11+21.9	116.5	+21°46'	108.2	4.4	+43.2	3188.3	TOP of RIDGE

F.B. 3222 Pg. 146

76F309S CE#310 1-65

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STATION	SLOPE DISTANCE	VERTICAL ANGLE	HORZ. DISTANCE	ROD	VERTICAL DISTANCE	ELEVATION	REMARKS
℄ @ STA. 11 +21.9		SIGHT ON	LH-7	H.I. = 4.7		3188.3	
12+25.2	103.3	+1° 00'	103.3	4.7	+1.8	3190.1	BOT. OF DRAW
13+72.9	254.9	+10° 01'	251.0	4.7	+44.3	3232.6	SIDE HILL SLOPE
℄ @ STA. 13+72.9		SIGHT ON	LH-7	H.I. = 4.7			
14+49.7	77.1	+4° 46'	76.8	4.7	+6.4	3239.0	SIDE HILL SLOPE
℄ @ STA 14+49.7		SIGHT ON	LH-7	H.I. = 4.8			
15+91.8	142.3	+2° 56'	142.1	4.8	+7.3	3246.3	TOP OF RIDGE
℄ @ STA 15+91.8		SIGHT ON	LH-7	H.I. = 4.6			
16+98.7	108.0	-8° 18'	106.9	4.6	-15.6	3230.7	TOP OF RIDGE
℄ @ STA. 16+98.7		SIGHT ON	LH-7	H.I. = 4.9			
18+60.7	165.3	-11° 30'	162.0	4.9	-33.0	3197.7	BOT. OF DRAW
19+53.1	255.3	-4° 45'	254.4	4.9	-21.1	3209.6	TOP OF RIDGE
℄ @ STA 19+53.1		SIGHT ON	LH-7	H.I. = 5.0			
20+42.2	90.1	-8° 26'	89.1	5.0	-13.2	3196.4	BOT OF DRAW
22+43.6	295.4	+10° 24'	290.5	5.0	+53.3	3262.9	SLOPE
℄ @ STA 22+43.6		SIGHT ON	LH-7	H.I. = 5.0			
23+43.5	102.4	+12° 42'	99.9	5.0	+22.5	3285.4	SLOPE
℄ @ STA 23+43.5		SIGHT ON	LH-7	H.I. = 5.2			
23+80.4	36.9	LEVEL	36.9	3.0		3287.6	TOP HILL 1" I.P. LH-7

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

Survey of 170TH ST. W.
JN 2094.22 Tape 22.2 Std. 84 °F
Surveyed by HAITSCH-Y
Notes VAN ALYSS Date 6-16-66
Indexed C. J. GALLI

F. B. 322 PG. 147

Notes Ck'd by	Survey of 170TH ST. W.	F.B. 3222 PG. 149
Map No.	JN 009648 Tape 228 Std 228 °F	
Office Work	Surveyed by HALISCKY	
Checked	Notes VAN NESS Date 6-17-66	
Date	Indexed C. J. GALLI	

J. N. 0096.48

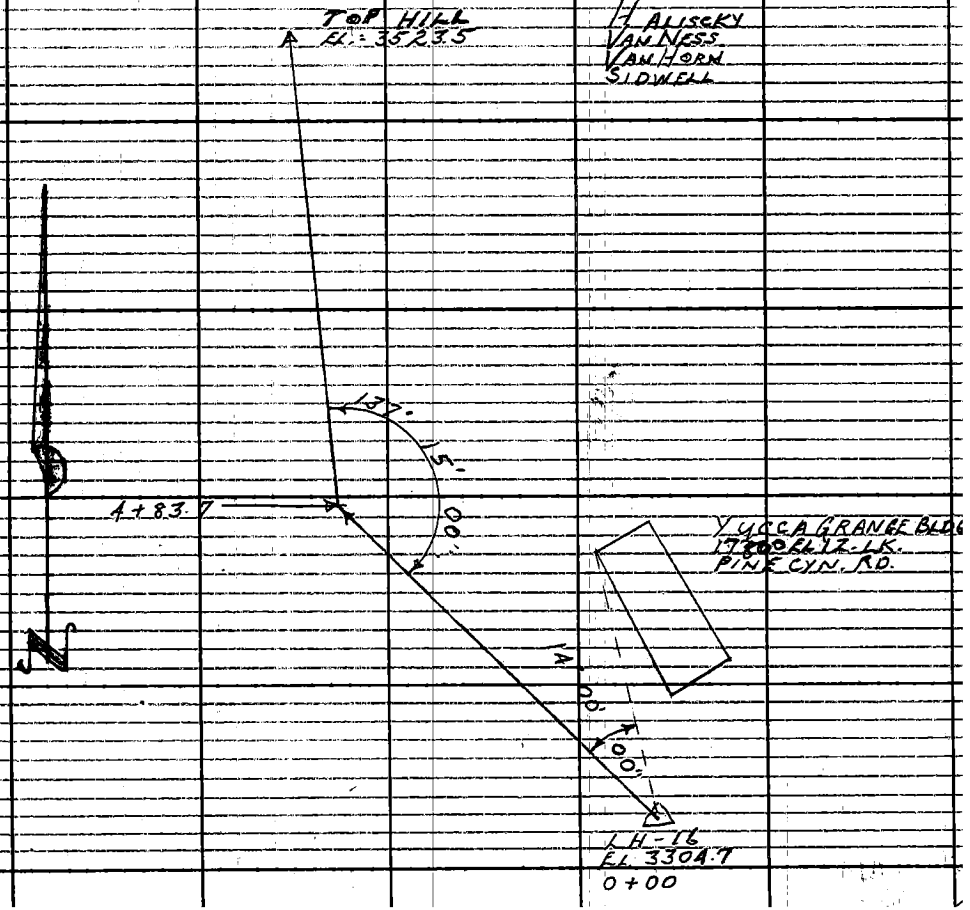
(170TH ST. WEST)

Lake Hughes Road

PROFILE FOR AERIAL CHECK

Ref. F.B. 3222-62 and

CONTOUR SHEET # 4 S.D.F.M. 108-26



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76F309S CE#310 1-65

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STATION	SLOPE DISTANCE	VERTICAL ANGLE	HORZ DISTANCE	ROD	VERTICAL DISTANCE	ELEVATION	REMARKS
T@STA LH-16	SIGHT ON LINE		14°00'00" N.W. FROM BLOCK COR			3309.7	H.I. = 4.9
1+73.2	—	—	173.2	0.7	+9.7	3305.4	SLOPE
2+92.5	—	+1°38'	292.5	4.9	+8.3	3313.0	SLOPE
4+83.7	—	+1°49'	483.7	4.9	+15.3	3320.0	SLOPE
T@ STA 4+83.7	SIGHT	ON LINE	137°15'00" N.W. DIR.				H.I. = 4.6
6+07.9	124.3	+1°39'	124.2	4.6	+3.6	3323.6	SLOPE
8+01.9	—	+2°32	318.2	4.6	+14.1	3334.1	SLOPE
T@ STA 8+01.9				H.I. = 4.6			
9+21.3	122.6	+13°11'	119.4	4.6	+28.0	3362.1	SLOPE
9+45.8	149.9	+16°17'	143.9	4.6	+42.0	3376.1	EDGE OF RD
10+34.8	248.9	+20°38'	232.9	4.6	+87.7	3421.8	SLOPE
T@ STA 10+34.8				H.I. = 4.5			
11+38.3	111.9	+22°16'	103.5	4.5	+42.4	3464.2	SLOPE
T@STA 11+38.3				H.I. = 4.8			
12+65.4	133.3	+17°36'	127.1	4.8	+40.3	3504.5	SLOPE
T@ STA. 12+65.4				H.I. = 4.7			
13+23.2	58.8	+10°40'	57.8	4.7	+10.9	3515.4	TOP SIDE HILL

F.B. 3222 Pg 150

Notes Ck'd by		Survey of 170TH ST. W.	F.B. 3222 PG. 151
Map No.		J.N. 009648 Tape 228 Std. 8A °F.	
Office Work		Surveyed by HALISCKY	
Checked		Notes VAN NESS Date 6-2066	
Date		Indexed C. J. GALLI	

J.N. 009648

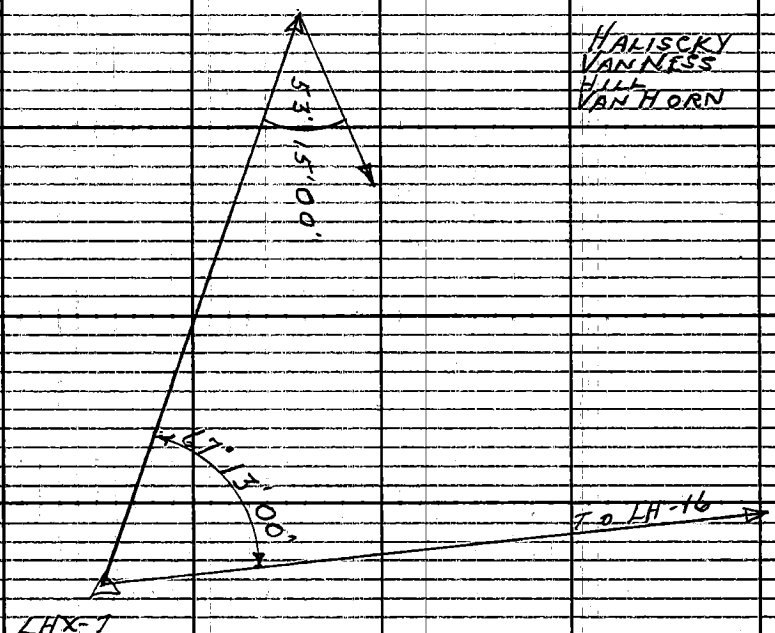
(170TH ST. WEST)

Lake Hughes Road

PROFILE FOR AERIAL CHECK

Ref. F.B. 3222-62 and.
CONTOUR SHEET #4-S.D.F.M. 108-26

HALISCKY
VANNESS
HILL
VAN HORN



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STATION	SLOPE DISTANCE	VERTICAL ANGLE	HORZ. DISTANCE	ROD	VERTICAL DISTANCE	ELEVATION	REMARKS
T@ STA. L H X-1		67° 15' 00"	TO LEFT	FROM L H-16		3597.2	H.I. = 4.9
0+91.7	96.0	-17° 12'	91.7	4.9	- 28.4	3568.8	SLOPE
1+93.7	202.0	-17° 25'	193.7	4.9	- 60.8	3536.4	SLOPE
T@ STA. 1+93.7				H.I. = 4.7			
2+61.8	77.8	-28° 57'	68.1	4.7	- 37.7	3498.7	SLOPE
T@ STA 2+61.8				H.I. = 4.6			
5+42.0	300.0	-20° 57'	280.2	4.6	- 107.3	3391.4	SLOPE
T@ STA 5+42.0		53° 15' 00"	TO LEFT	H.I. = 5.0			
3+78.1	-164.1	-2° 54'	-163.9		+ 8.3	3383.1	TOE OF SLOPE

F. B. 3222 Pg. 152

Notes Ck'd by	Survey of 170TH ST. W.	F. B. 3222 PG. 153
Map No.	JN 009648 Tape 228 Std 84 °F.	
Office Work	Surveyed by HALISCKY	
Checked	Notes VAN NESS Date 6-20-66	
Date	Indexed C. J. GALLI	

J.N. 009648

(170TH ST. WEST)

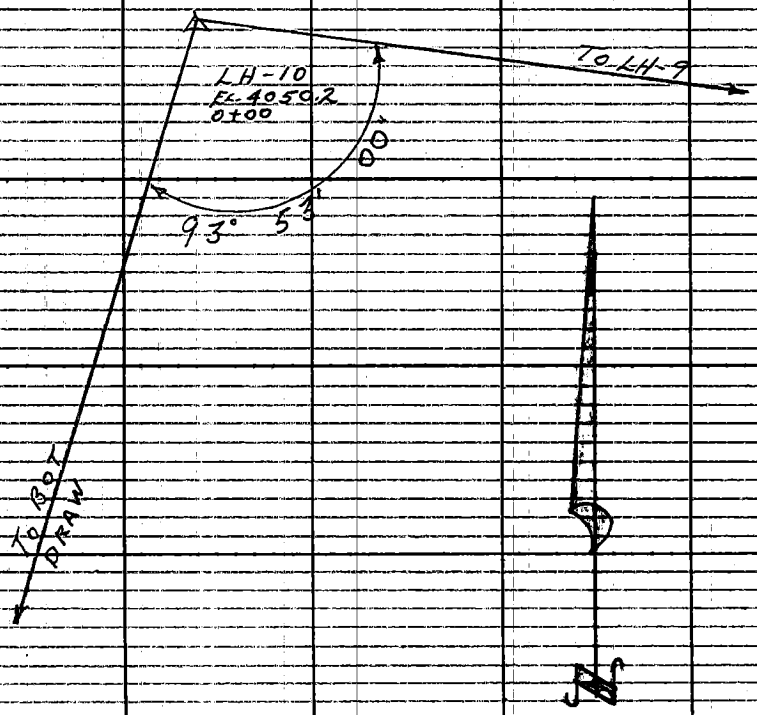
Lake Hughes Road

PROFILE FOR AERIAL CHECK

Ref. F.B 3222 — 56, 55 and.

CONTOUR SHEET # 5-SDFM 108-26

HALISCKY
VAN NESS
HILL
VAN HORN



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STATION	SLOPE DISTANCE	VERTICAL ANGLE	HORZ DISTANCE	ROD	VERTICAL DISTANCE	ELEVATION	REMARKS
T@ LH-10	93°53'00"	FROM AH-9 TO THE RIGHT				4050.2	H.I. = 5.0
1+22.6	123.0	-4°22'	122.6	5.0	-9.4	4040.8	SMALL SADDLE
2+52.5	252.8	-2°57'	252.5	5.0	-13.0	4037.2	TOP RIDGE
T@ STA 2+52.5				H.I. = 5.0			
4+32.8	183.8	-11°13'	180.3	5.0	-35.8	4001.4	SLOPE
T@ STA. 4+32.8				H.I. = 4.9			
5+59.1	136.7	-4°18'	126.3	4.9	-10.2	3991.2	BOT OF DRAW
6+87.3	255.3	-4°37'	254.5	4.9	-20.5	3980.9	TOP OF RIDGE
T@ STA. 6+87.3				H.I. = 4.9			
7+26.3	40.0	-12°39'	39.0	4.9	-8.8	3972.1	SLOPE
8+51.4	168.7	-13°23'	164.1	17.0	-39.0	3941.9	BOT OF DRAW

F. B. 3222 PG. 154

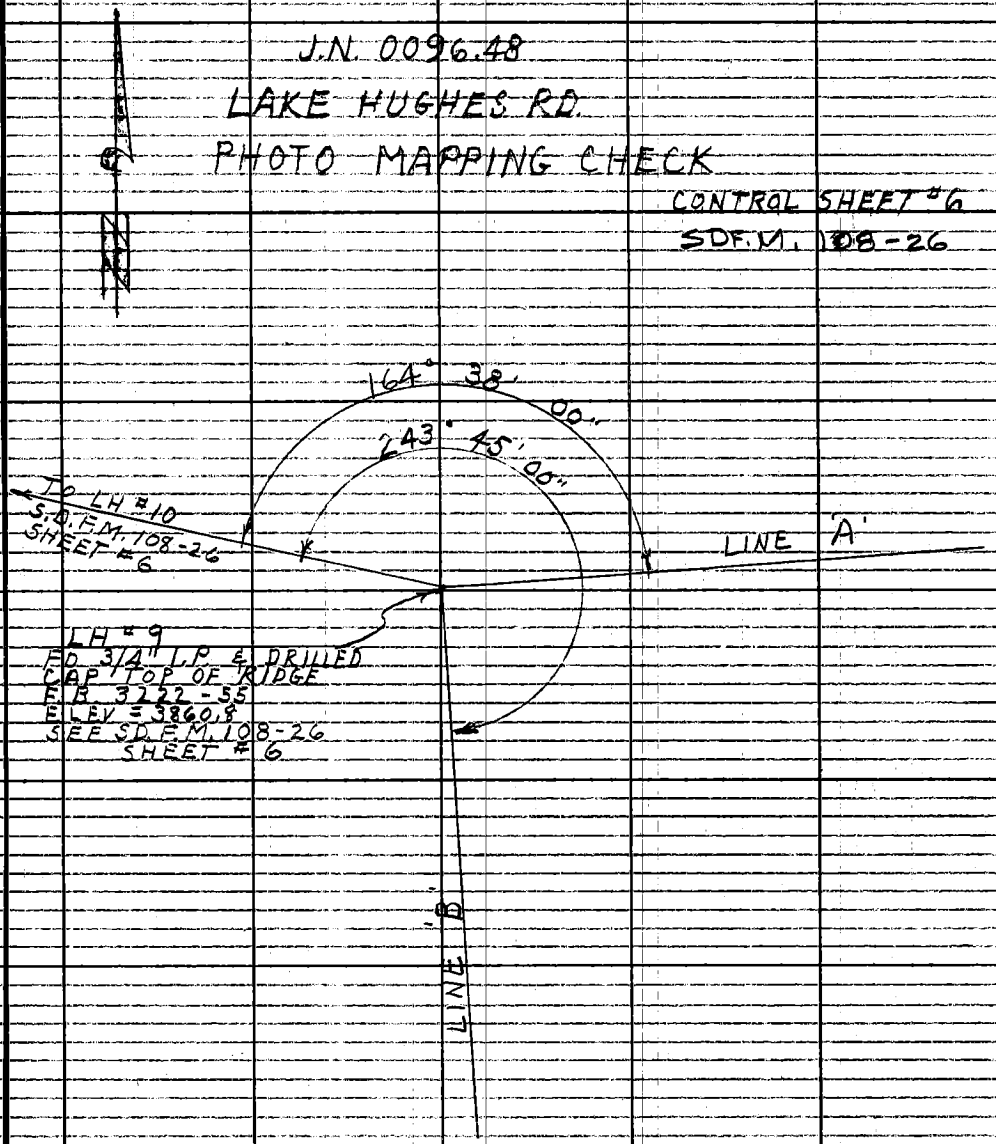
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of LAKE HUGHES RD.
J.N. 0096.48 Tape 192 Std. 24°F
Surveyed by J. C. PIERCE
Notes J. C. P. Date 6-13-66
Indexed C. J. GALLI

F. B. 3222 PG. 155

J.N. 0096.48
LAKE HUGHES RD.
PHOTO MAPPING CHECK

CONTROL SHEET #6
SDF.M. 108-26



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F.B. 3222 PG 156

LINE A

STA	MEAS DIST	VERT ∠	HORIZ DIST	VERT ∠	ROD	VERT DIST	ELEV.	
T @ STA 0+00.0 (LR # 9) H.I. = 5.8								
								FB 3222 P6.55
0+00.0		0° 00'	0.0				3860.8	LR # 9
0+99.1	100.0	− 7° 32'	99.1	− 7° 32'	5.8	− 13.1	47.7	SLOPE HILL
1+96.9	200.0	− 10° 05'	196.9	− 10° 05'	5.8	− 35.0	25.8	" "
2+95.7	300.0	− 9° 42'	295.7	− 9° 42'	5.8	− 50.5	10.3	" "
3+98.7	100.0	0° 00'	100.0	− 8° 50'	5.8	− 54.7	01.1	" "
4+95.7	100.0	0° 00'	100.0	− 7° 29'	5.8	− 66.8	3792.8	BOT BRK
5+95.7	100.0	0° 00'	100.0	− 6° 32'	5.8	− 68.2	92.6	SLOPE
6+95.7	100.0	0° 00'	100.0	− 5° 37'	5.8	− 68.4	92.4	TOP BRK
7+95.7	100.0	0° 00'	100.0	− 4° 26'	5.8	− 67.5	85.1	SLOPE
8+95.7	100.0	0° 00'	100.0	− 3° 17'	5.8	− 66.1	68.7	"
9+95.7	100.0	0° 00'	100.0	− 3° 18'	5.8	− 103.2	51.6	"
10+95.7	100.0	0° 00'	100.0	− 4° 45'	5.8	− 110.3	50.5	BOT BRK
11+95.7	100.0	0° 00'	100.0	− 5° 15'	5.8	− 109.8	50.7	" "
12+95.7	100.0	0° 00'	100.0	− 4° 21'	5.8	− 98.6	3762.2	TOP KNOLL
T @ STA 0+00 (LR # 9) LINE 'B' H.I.=5.6								
								LR # 9 F.B. 3222-55
0+00.0							3860.8	
0+70.5	71.0	− 6° 46'	70.5	− 6° 46'	5.6	− 8.4	52.4	TOP BRK
T @ STA 0+70.5 H.I. = 5.1							3852.4	
1+91.4	125.0	+ 14° 48'	120.9	+ 14° 48'	6.1	− 32.9	19.5	
2+87.6	224.0	+ 14° 18'	217.1	+ 14° 18'	5.1	− 55.3	3797.1	
3+51.33	289.10	+ 13° 31'	280.8	+ 13° 30'	5.1	− 68.2	84.2	
4+28.3	77.0	0° 00'	75.8	+ 12° 12'	5.1	− 71.4	75.0	
4+86.3	58.0	0° 00'	57.8	+ 11° 43'	5.1	− 86.5	65.9	TOP BRK
T @ STA 4+86.3 H.I. = 5.0							3765.9	
5+78.3	96.5	− 15° 25'	93.0	+ 15° 25'	5.6	− 25.7	40.2	
6+28.2	145.5	+ 12° 47'	141.9	+ 12° 47'	5.0	− 32.2	33.7	TOP BRK
6+90.3	209.0	+ 12° 36'	204.0	+ 12° 36'	5.0	− 52.6	13.3	BOT DRAW
7+47.6	266.45	+ 12° 58'	261.3	+ 12° 58'	5.0	− 41.3	24.7	
7+79.5	298.0	+ 7° 50'	298.2	+ 7° 50'	5.0	− 40.3	25.6	
9+19.5	748.0	0° 00'	435.2	− 5° 24'	5.0	− 4.0	3724.9	SLOPE SET IXZ STK.

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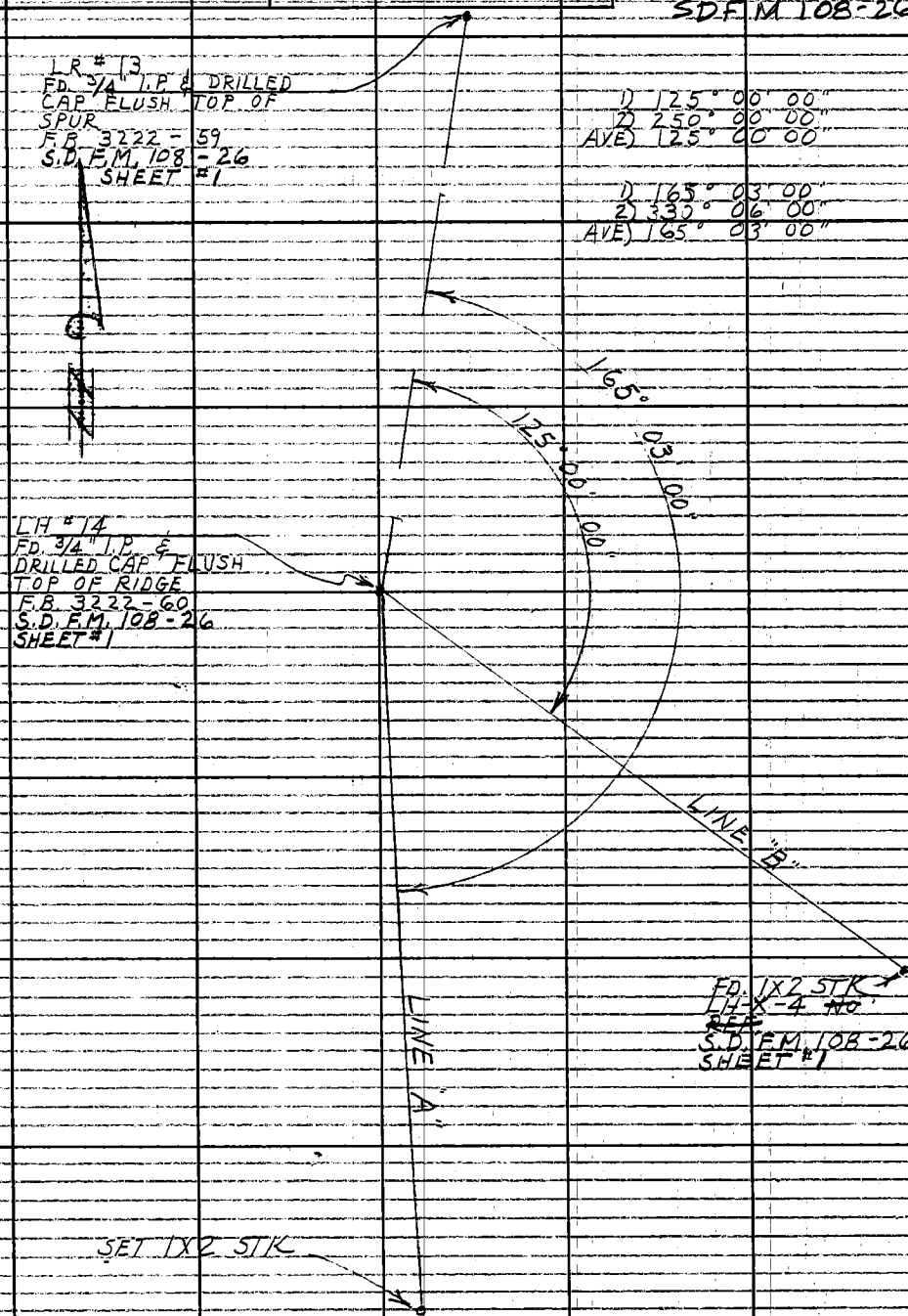
Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 009648 Tape 190 Std. 84 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C.P. Date 6-14-66
Date	Indexed C.J. GALLI

F.B. 3222 PG. 157

CONTROL SHEET
1
SDFM 108-26



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76F309S CE#310 1-65

F.B. 3222 Pg. 158

T @ STA 0+00.0 (LR#14) H.I. = 5.20 LINE "A"

STATION	MEAS DIST.	VERT. ANGLE	HORIZ DIST.	VERT. ANGLE	ROD	VERT DIST.	ELEV.	DESCRIPTION
0+00.0	0.0	0° 00'	0.0	0° 00'	+ 5.2	+ 0.6	3814.9	LR#14 F.B. 3222-60
1+00	100.0	0° 00'	100.0	0° 21'	5.2	0.9	3814.3	SLOPE
2+00	100.0	0° 00'	200.0	2° 19'	5.2	8.1	3806.8	"
3+00	100.0	0° 00'	300.0	2° 30'	5.2	8.9	3807.0	"
4+00	100.0	0° 00'	400.0	2° 18'	5.2	16.1	3798.8	"
5+00	100.0	0° 00'	500.0	2° 24'	5.2	21.0	3793.9	SWALE
6+00	100.0	0° 00'	600.0	1° 27'	5.2	15.2	3799.7	SLOPE
7+00	100.0	0° 00'	700.0	0° 45'	5.2	5.2	3805.7	"
8+00	100.0	0° 00'	800.0	0° 24'	5.2	5.6	3809.3	"
9+00	100.0	0° 00'	900.0	0° 20'	5.2	5.6	3809.7	"
9+50	50.0	0° 00'	950.0	0° 32'	5.2	8.8	3806.1	SET 1X2 STK.

T @ STA 9+50.0 H.I. = 5.0

9+50	0.0	0° 00'	0.0	0° 00'	+	-	3806.1	
0+00	9501.0	0° 00'	9501.0	+				

LINE "B" T @ STA 0+00.0 (LR#14) H.I. = 5.20

0+00.0	0.0	0° 00'	0.0	0° 00'	5.2	- 0.9	3814.9	LR#14 F.B. 3222-60
1+00.0	100.0	0° 00'	100.0	0° 31'	5.2	- 0.9	3814.3	SLOPE
2+00.0	200.0	2° 33'	199.8	2° 33'	5.2	- 8.0	3806.0	"
2+99.6	300.0	2° 50'	299.6	2° 50'	5.2	- 14.8	3800.1	TOP BRK

T @ STA 2+99.6 H.I. = 5.0

0+00.0	300.0	+ 2° 50'	299.6	+ 2° 50'	5.0	+ 14.8	3814.9	LR#14
1+00.1	100.0	+ 1° 47'	99.8	+ 1° 47'	5.0	- 17.1	3783.0	SLOPE
4+98.2	200.0	+ 6° 53'	198.6	- 6° 53'	5.0	- 24.0	3776.1	HEAD DRAIN
5+99.2	300.0	+ 3° 08'	299.6	- 3° 08'	5.0	- 16.5	3883.6	"
6+99.2	100.0	LEVEL	399.6	- 2° 40'	12.0	- 25.6	3774.5	SLOPE

T @ STA 6+99.2 H.I. = 4.8

7+84.4	87.0	- 11° 47'	85.2	+ 11° 47'	4.8	- 17.8	3756.7	BOT 'V' DRAW
8+88.1	178.0	- 2° 20'	177.9	- 2° 20'	4.8	- 7.3	3767.2	

T @ STA 8+77.1 H.I. = 4.9

6+99.2	178.0	+ 2° 19'	177.9	+ 2° 19'	4.9	+ 7.7	3774.9	TOP BRK
7+34.8	62.1	+ 2° 21'	62.0	+ 2° 21'	4.9	+ 2.5	3769.7	BOT DRAW
7+84.8	94.0	+ 5° 00'	93.7	+ 5° 00'	4.9	+ 11.8	3778.5	"
8+88.2	112.0	+ 5° 10'	111.6	+ 5° 10'	4.9	+ 12.0	3779.2	"

T @ STA 9+88.4 H.I. = 5.2

10+95.2	110.0	+ 14° 18'	106.6	+ 14° 18'	5.2	+ 27.2	3806.4	SIDE HILL
11+70.6	187.0	+ 13° 17'	182.0	+ 13° 17'	5.2	+ 43.0	3822.2	"
12+40.7	258.0	+ 12° 18'	252.1	+ 12° 18'	12.0	+ 50.2	3829.4	TOP KNOLL

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Survey of LAKE HUGHES RD.
J.N. 0096.48 Tape 190 Std. 84 °F.
Surveyed by K. KING
Notes K. KING Date 6-16-66
Indexed C. I. GALLI

F.B. 3222 PG. 159

CONTROL SHEET #2
SDFM 108-26

LH 14
1" CAP PIPE
F.B. 3222-60

SET 1X2 ON
HIGH PT. OF
HILL

SET 1X2 ON
HIGH PT. OF
HILL

LINE "A"

LINE "B"

LINE "C"

84° 21'

42° 39'

44° 56'

ANGLE AT LHX-2

LHX-5
FD. 1X2
S.D.F.M. 108-26
SHEET #2

LHX-2
FD. 1X2
S.D.F.M. 108-26
SHEET #2

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F.B. 3222 PG. 160

LINE 'A'		T @ STA 0+00 (LHX-2) MTHLY						HI = 5.1	
STA	MEAS DISTANCE	VERT ∠	HORIZ DISTANCE	VERT ∠	ROD	VERT DISTANCE	ELEV	DESCR	
0+00							3815.9		
1+00	100.00	LEV	100.00	+2° 08'	5.1	+ 3.7	9.6	1X2 STK S.D.F.M. 108-26 SHEET #2	
2+00	200.00	+0° 38'	200.00	+0° 38'	5.1	+ 2.2	8.1		
			T @ STA 2+00			NO.	3818.1	HI = 5.3	
3+00	100.00	LEV	100.00	- 2° 43'	5.3	- 4.8	3.3		
4+00	200.00	"	200.00	- 4° 20'	"	- 15.2	02.9		
5+01.6	302.00	-5° 03'	301.6	- 5° 03'	"	- 26.7	3791.4		
5+99.6	98.00		399.6	- 2° 13'	"	- 5.5	3802.6		
6+99.6	98.00		499.6	- 0° 57'	"	- 8.3	09.8		
7+53.6	252.00		553.6	- 0° 50'	"	- 8.1	3810.0	1X2 ON HILL	
LINE 'B'		T @ STA 0+00 N.W. (LHX-2)					3815.9	HI = 5.3	
0+00	100.00	+ 1° 08'	100.00	+ 1° 08'	5.3	+ 2.0	17.9	1X2 STK. S.D.F.M. 108-26 (SHEET #2	
1+00	200.00	- 0° 06'	200.00	- 0° 06'	"	- 0.4	15.5		
2+00			T @ STA 2+00				3815.5	HI = 5.3	
	100.00	- 4° 58'	99.6	- 4° 58'	5.3	- 8.7	06.8		
2+99.6	200.00	- 4° 47'	199.3	- 4° 47'	"	- 16.7	3798.8		
3+99.3	300.00	- 4° 21'	299.1	- 4° 21'	"	- 22.8	92.7		
4+99.1			T @ STA 4+99.1				3792.7	HI = 5.3	
	100.00	- 4° 04'	99.8	- 4° 04'	5.3	- 7.1	85.6		
5+98.9	154.00	- 4° 06'	153.6	- 4° 06'	"	- 11.0	81.7		
6+52.7	65.00	- 5° 44'	164.2	- 5° 44'	"	- 16.4	76.1		

CONT ON PG # 161

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CONT FROM PG #

LINE "B" @ STA 4+99.1 HI = 5.3

STA	MEAS DISTANCE	VERT ∠	HOR'Z DISTANCE	VERT ∠	ROD	VERT DISTANCE	ELEV	DESCRIPTION
	176.00	- 3°27'	175.7	- 3°27'	5.3	- 10.6	3782.1	
4+74.8	300.00	+ 0°19'	300.00	+ 0°19'	"	+ 0.2	92.5	
7+99.1							3792.5	
			@ STA 7+99.1					
	90.00	+ 4°10'	89.8	+ 4°10'		+ 6.5	3799.0	
8+88.9								1X2 ON HILL

LINE "C" @ STA 0+00 (1X2 ON HILL) 3800.5 HI = 5.2

99.9	100.00	- 2°36'	99.9	- 2°36'	5.2	4.2	3796.3	
199.3	200.00	- 4°30'	199.3	- 4°30'	"	15.7	84.8	
298.9	300.00	- 4°55'	298.9	- 4°55'	"	25.7	74.8	
3+98.9	100.00	LEV	398.9	- 4°47'	"	33.4	67.1	
4+98.9	200.00	"	498.9	- 3°22'	"	29.4	71.1	
5+90.9	292.00	"	590.9	- 2°42'	"	27.9	3772.6	1X2 STK - 5 S.D.F.M. 108-24 SHEET #2

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

Survey of LAKE HUGHES RD.
JN 007648 Tape 190 Std. 84 °F
Surveyed by J.C. PIERCE
Notes K. KING
Indexed C. J. GALLI Date 6-16-65

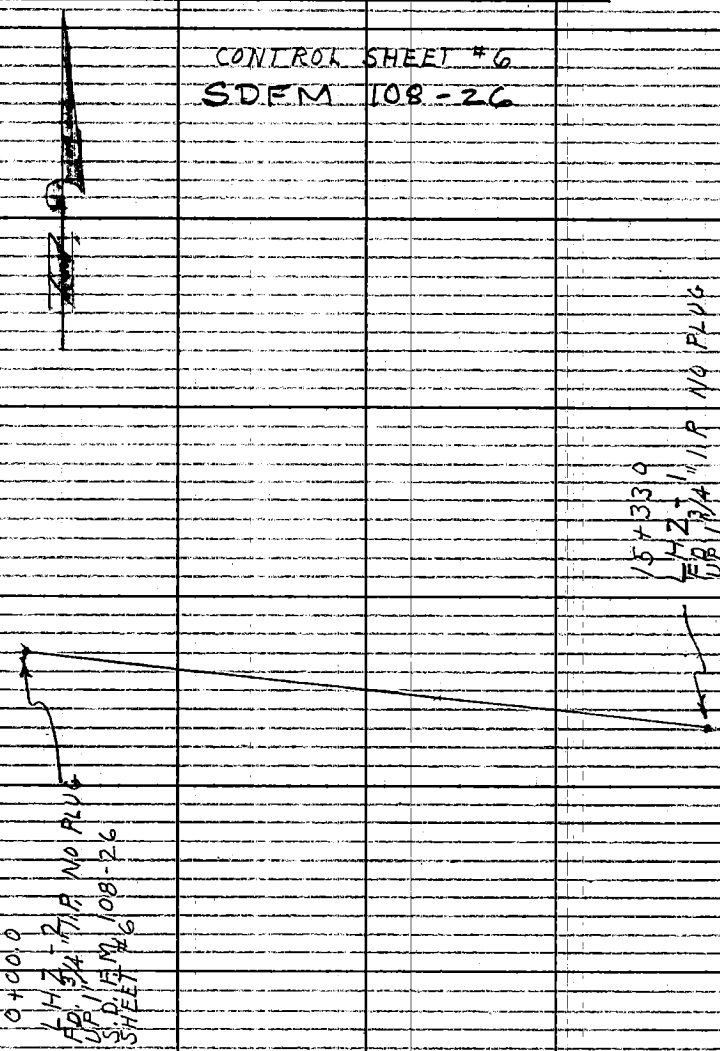
F.B. 3222 PG. 161

Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0096.48 Tape 190 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 6-14-66
Date	Indexed C. J. GALLI

F.B. 3222 PG. 163

CONTROL SHEET #6

SDFM 108-26



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76F309S CE#310 1-65

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π @ STA 7+74.8 H.I. = 5.0

STATION	MEAS DIST	VERT. ∡	HORIZ DIST	VERT ∡	ROD	VERT DIST	ELEV.	
0+00	100.0	LEVEL	774.8	+4°01'	5.0	+54.4	3592.4	3/4" I.P. LHZ-2 S.D.F.M. 108-26
1+00	100.0	"	674.8	+4°18'	5.0	+50.7	88.7	SLOPE
2+00	100.0	"	574.8	+4°16'	5.0	+42.9	80.9	"
3+00	100.0	"	474.8	+4°08'	5.0	+34.3	72.3	"
4+00	100.0	"	374.8	+3°55'	5.0	+25.7	63.7	"
5+00	100.0	"	274.8	+4°00'	5.0	+19.2	57.2	"
6+00	100.0	"	174.8	+4°09'	5.0	+12.7	50.7	"
7+00	74.8	"	74.8	+4°30'	5.0	+5.9	43.9	"
7+74.8	00.0	"		+0°00'	5.0		3538.0	"
8+00	25.2	"	25.2	-3°19'	5.0	-1.5	36.5	"
9+00	100.0	"	125.2	-2°12'	5.0	-4.8	33.2	"
10+00	100.0	"	225.2	-1°53'	5.0	-7.4	30.6	"
11+00	100.0	"	325.2	-2°35'	5.0	-14.7	23.3	"
12+00	100.0	"	425.2	-2°24'	5.0	-17.8	20.2	"
13+00	100.0	"	525.2	-2°00'	5.0	-18.3	19.7	"
14+00	100.0	"	625.2	-1°47'	5.0	-19.5	18.5	"
15+00	100.0	"	725.2	-1°46'	5.0	-22.4	15.6	
15+33.0	33.0	"	758.2	-1°45'	5.0	-23.4	3514.6	LHZ-1 A 3/4" I.P. SEE S.D.F.M. 108-26 SHEET #6

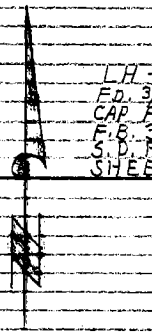
π @ STA 0+00. (LHZ-2) HI = 5.1

0+00	0.0	0°00'	0.0	0°00'	5.1	—	3592.4
7+74.8	774.8	0°00'	774.8	-4°02'	5.1	-54.6	3537.8

F.B. 3222 PG 164

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

Survey of LAKE HUGHES RD. F.B. 3222 PG. 165
J.N. 009648 Tape 190 Std. 84 °F
Surveyed by J.C. PIERCE
Notes K. KING Date 6-17-66
Indexed C. J. GALLI



LH-12
FD. 3/4" I.P. & DRILLED CAP FLUSH TOP RIDGE
F.B. 3222-58
S.D.F.M. 108-26
SHEET #2

LINE "A" 482.7±

90°

1) 90-00
2) 180-00
90-00

CONTROL SHEET
#2
SDFM 108-26

LINE "B"
867.4±

LKHG-B
MYRICK
FD U.S.C. & G.S. BRASS CAP
MON. SET IN CONC. MKD
"MYRICK 1964 UP 6"
F.B. 3222-63
S.D.F.M. 108-26 SHEET #2

LINE "C"
SEE PG. 171

2 PT = 3701
SET 1X2 STK. ON TOP OF KNOLL

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F.B. 3222 Pg. 166

STA	MEAS. DISTANCE	VERT ∠	HORIZ DISTANCE	VERT ∠	ROD (LH/2)	VERT DIST	ELEV	DESCR.
			LINE "A"				HI = 5.2	
99.2	100.00	- 7°16'	99.2	- 7°16'		-12.6	38 32.7	(LH 1/2 3/4" I.P. F.B. 3222-58)
154.8	154.00	- 7°11'	154.8	- 7°11'	12.0	-26.5	20.1	
							06.2	
							HI = 5.0	
							38 06.7	
247.7	100.00	-21°47'	92.9	-21°47'	5.0	-37.1	37 69.1	
343.5	200.00	-19°23'	188.7	-19°23'	5.0	-64.4	39.8	BOT GULLEY
410.8	261.00	-11°15'	254.0	-11°15'	5.0	-50.9	55.3	
454.7	302.00	- 6°45'	299.9	- 6°45'	5.0	-35.5	70.7	
482.7	2800	LEV	28.0	- 5°05'	5.0	-29.2	37 77.0	TOP RIDGE
			LINE "B"					
							(LH 1/2) 5.0	HI = 5.0
99.6	100.00	- 5°02'	99.6	- 5°02'		8.8	38 32.7	(LH 1/2 3/4" I.P. F.B. 3222-58)
198.9	200.00	- 5°52'	198.9	- 5°52'		20.4	23.9	
299.3	300.00	- 3°55'	299.3	- 3°55'		20.5	12.3	
				STA 2+99.3			12.2	
							HI = 5.2	
3+98.9	100.00	+ 4°48'	99.6	+ 4°48'		8.4	3812.2	
4+98.7	200.00	+ 4°20'	199.4	+ 4°20'		15.1	20.6	
5+98.5	300.00	+ 4°13'	299.2	+ 4°13'		22.1	27.3	
				STA 5+98.5		50.	34.3	
							HI = 5.4	
6+98.4	100.00	+ 3°07'	99.9	+ 3°07'		5.4	3834.3	
							39.7	
7+98.3	200.00	+ 2°27'	199.8	+ 2°27'		8.5	42.8	
8+67.4	269.00	+ 1°31'	268.9	+ 1°31'		7.1	3841.4	LK HG +8 MYRICK S. U.S.C. & G.S. MON. F.B. 3222-63

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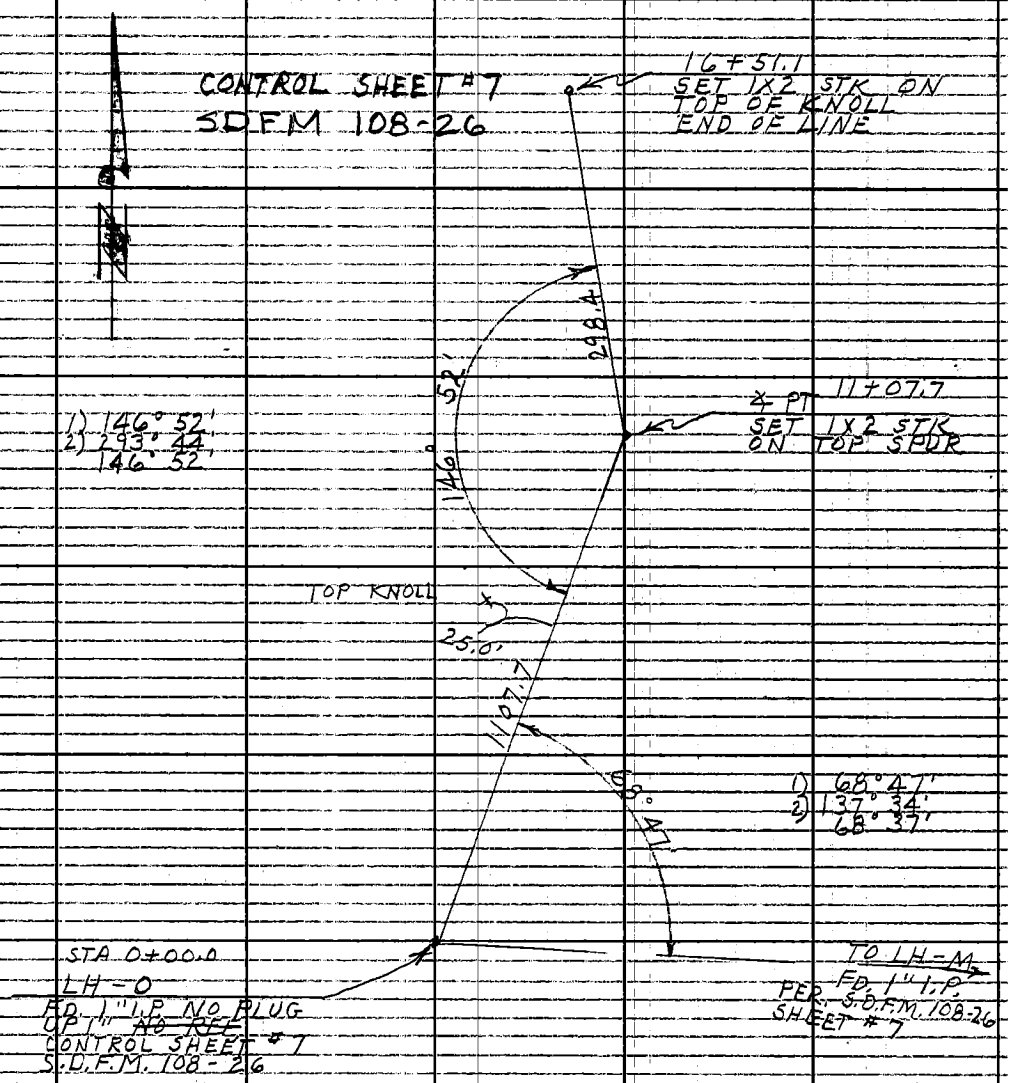
Notes Ck'd by	Survey of LAKE HUGHES RD.	F.B. 3222 PG. 167
Map No.	JN 0096.48 Tape 190 Std 84 °F	
Office Work	Surveyed by J.C. PIERCE	
Checked	Notes J.C.P. Date 6-21-66	
Date	Indexed C. J. GALLI	



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76F309S CE#310 1-65

F.B. 3222 PG. 168

H = 5.1

STATION	MEAS DIST	VERT ANGLE	HORIZ DIST	VERT ANGLE	ROD	VERT DIST	ELEV	DESCIPTION
0+00.0							3659.9	LH "O" FD. 1" I.P.
0+91.2	92.0	- 7°38'	91.2	- 7°38'	5.1	- 12.2	3647.7	PER S.D.F.M. 108-26 SHT #7 SLOPE
π @ STATION		0+91.2		H.I. = 5.0				
0+00.0	- 92.0	+ 7°38'	91.2	+ 7°38'	5.0	+ 12.2	3659.9	SLOPE
1+88.6	100.0	- 13°07'	97.4	- 13°07'	5.0	- 22.7	25.0	"
2+38.6	151.0	- 12°33'	147.4	- 12°33'	5.0	- 32.8	14.9	"
π @ STATION		2+38.6		H.I. = 4.9				
0+91.2	- 151.0	+ 12°33'	147.4	+ 12°33'	4.9	+ 32.8	3647.7	
3+22.9	90.0	- 20°30'	84.3	- 20°30'	4.9	- 31.5	3583.4	SLOPE
4+19.4	189.0	- 16°54'	180.8	- 16°54'	5.9	- 55.9	59.0	BOT DRAW
4+90.2	257.0	- 11°45'	251.6	- 11°45'	4.9	- 52.3	62.6	TOP BRK
5+32.2	299.0	- 10°52'	293.6	- 10°52'	4.9	- 56.4	58.5	TOP SPUR
π @ STATION		5+32.2		H.I. = 5.0				
2+38.6	- 299.0	+ 10°52'	293.6	+ 10°52'	5.0	+ 56.4	3614.9	
6+31.6	100.0	- 6°30'	99.4	- 6°30'	5.0	- 11.3	3547.2	
7+31.2	200.0	- 5°37'	199.0	- 5°37'	5.0	- 19.6	38.9	
8+31.9	300.0	- 2°23'	299.7	- 2°23'	5.0	- 12.5	3546.0	
π @ STATION		8+31.9		H.I. = 5.1				
5+32.2	- 300.0	+ 2°23'	299.7	+ 2°23'	5.1	+ 12.5	3558.5	
9+26.8	95.0	- 3°10'	94.9	- 3°10'	5.1	- 5.3	3540.7	
π @ STATION		9+26.8		H.I. = 5.0				
8+31.9	- 95.0	+ 3°10'	94.9	+ 3°10'	5.0	+ 5.3	3546.0	
10+25.8	100.0	- 8°00'	99.0	- 8°00'	5.0	- 13.9	26.8	
11+07.7	182.0	- 6°11'	180.9	- 6°11'	5.0	- 19.6	21.1	TOP SPUR
π @ STATION		11+07.7		H.I. = 5.0				∡ PT 1) 146° 52' 2) 293 44
9+26.8	182.0	+ 6°11'	180.9	+ 6°11'	5.0	+ 19.6	3540.7	
12+07.0	100.0	- 6°35'	99.3	- 6°35'	5.0	- 11.5	09.6	
13+06.7	200.0	- 5°40'	199.0	- 5°40'	5.0	- 19.8	01.3	
14+06.1	300.0	- 5°55'	298.4	- 5°55'	5.0	- 30.9	3490.2	
π @ STATION		14+06.1		H.I. = 5.0				
11+07.7	- 300.0	+ 5°55'	298.4	+ 5°55'	5.0	+ 30.9	3521.1	
15+05.6	100.0	- 6°00'	99.5	- 6°00'	5.0	- 10.4	3479.8	BOT BRK
16+06.0	200.0	- 1°54'	199.9	- 1°54'	5.0	- 6.6	83.6	SLOPE
16+51.1	245.0	- 0°49'	245.0	- 0°49'	5.0	- 3.5	3486.7	TOP KNOLL SET 1x2
π @ STATION		16+51.1		H.I. = 4.9				
14+06.1	- 245.0	LEVEL	245.0	- 0°49'	4.9	+ 3.5	3490.2	

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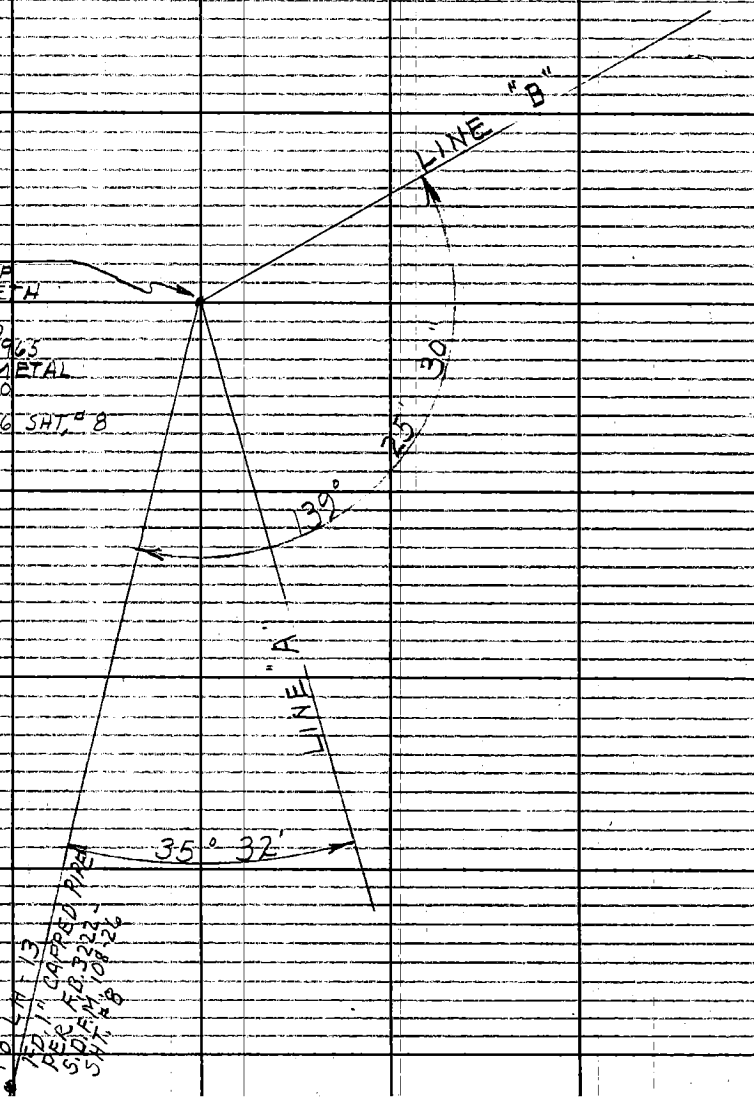
Survey of LAKE HUGHES RD
J.N. 0096.48 Tape 190 Std. 84 °F.
Surveyed by J.C. PIERCE
Notes J.C.P. Date
Indexed C.J. GALLI

F.B. 3222 PG. 169

CONTROL
SHEET # 8
SDFM 108-26



PT - 20
FD. 2" I.P. & CAP
ON ℄ ELIZABETH
TUNNEL
GRAVITY PT. #20
STATION 43+06.965
8' POLE WITH METAL
TAG MKD. NO-20
F.B. 3222 -
S.D.F.M. 108-26 SHT. # 8

D 35° 32'
2) 71° 04'

D 139° 26
2) 278° 51
139° 25' 30"

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76F3095 CE#310 1-65

F.B. 3222 PG 170

℄ @ PT-20 H.I. = 4.8 LINE "A"

STATION	MEAS. DIST.	VERT ANGLE	HORIZ DIST	VERT ANGLE	ROD	VERT DIST	ELEV	
0+00.0	0.0						3395.0	BT-20 2" I.P. PER F.B. 3222-
0+99.2	100.0	+ 7° 12'	99.2	+ 7° 12'	4.8	+ 12.5	3407.5	TOP SPUR
1+35.2	136.0	+ 6° 06'	135.2	+ 6° 06'	4.8	+ 14.5	3409.5	SIDE HILL
	℄ @	STA 1+35.2			H.I.	+ 4.9		
2+03.2	66.0	- 0° 52'	68.0	- 0° 52'	11.9	+ 8.9	3400.6	SIDE HILL
	℄ @	STA 2+03.2			H.I.	+ 5.0		
3+08.4	106.3	+ 7° 06'	105.2	- 10° 32'	5.0	- 19.6	3381.0	BOT DRAW
3+72.5	191.0	+ 7° 39'	189.5	+ 5° 39'	5.0	+ 18.7	3419.3	SIDE HILL
4+91.4	294.0	+ 11° 27'	288.2	+ 17° 27'	5.0	+ 58.4	3459.0	SIDE HILL
	℄ @	STA 4+91.4			H.I.	+ 4.8		
6+39.1	157.0	19° 48'	147.7	+ 19° 48'	16.8	+ 41.2	3502.2	SIDE HILL
	℄ @	STA 6+39.1	639.1	- 9° 32'	3.0	- 105.5	3394.7	PT - 20
	℄ @	STA 0+00.0		LINE "B"	H.I.	= 5.4		PT - 20 2" I.P. PER F.B. 3222-
0+00	0+00	-	-	-			3395.0	
0+80.0	82.0	- 12° 39'	80.0	- 12° 39'	12.0	- 25.0	3370.0	SIDE HILL
	℄ @	STA 0+80.0			H.I.	+ 5.0		
1+89	116°	- 19° 50'	109.1	- 19° 50'	12.0	- 44.4	3325.6	BOT DRAW
2+94.3	216°	- 6° 20'	214.7	- 8° 04'	5.0	+ 30.4	3396.0	TOP BRK
3+23.3	244.0	- 6° 49'	242.3	- 8° 20'	5.0	+ 35.5	3431.5	SIDE HILL
	℄ @	STA 3+23.3			H.I.	+ 4.9		
4+38.4	119.0	- 14° 43'	115.1	- 14° 43'	12.0	- 37.3	3297.2	BOT BRK
5+27.0	207.0	- 9° 47'	204.0	- 9° 47'	12.0	- 42.3	3292.2	SIDE HILL
5+48.7	229.0	- 10° 15'	225.4	- 10° 15'	12.0	- 47.9	3286.6	
	℄ @	STA 5+48.7			H.I.	+ 5.0		
6+29.8	82.0	- 8° 31'	81.1	- 8° 31'	5.0	- 12.1	3274.5	BOT BRK.
7+78.2	222.0	LEVEL	222.0		5.8	- 0.3	3286.3	TOP SPUR

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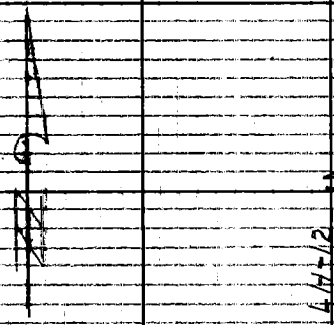
Date

Survey of LAKE HUGES RD. F.B. 3222 PG. 171
JN 009648 Tape 190 Std 84 °F
Surveyed by J.C. PIERCE
Notes J.C.P. Date 6-22-66
Indexed C.J. GALLE

Sheet 2 of 3
SDFM 108-26



1) 145° 37'
2) 265° 15'
145° 37' 30"

1) 118° 30'
2) 237° 00'
118° 30'

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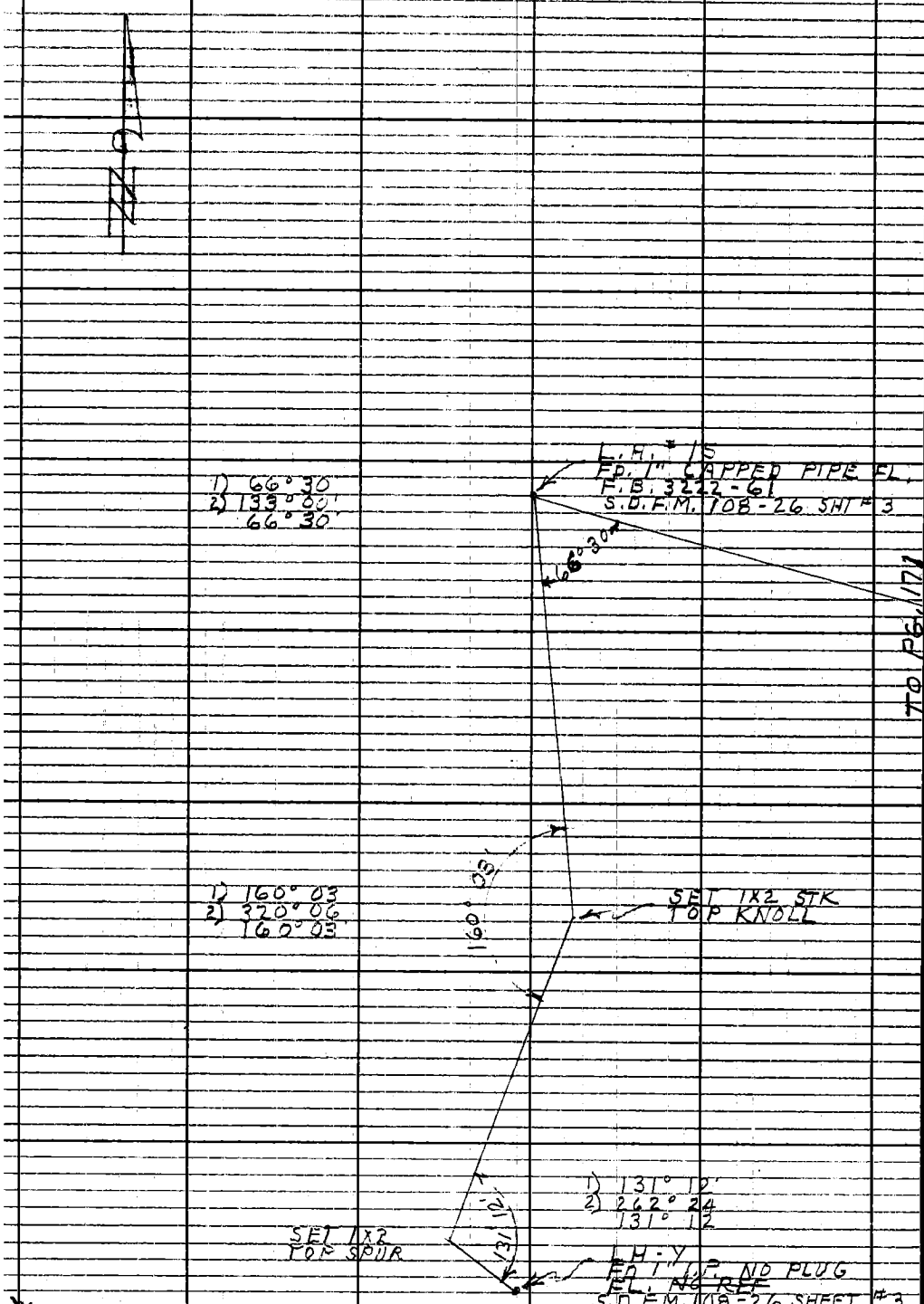
F.B. 3222 PG 172



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FROM STATION LKHG-8 (MYRICK) TO LH # 15

STATION	MEAS DIST.	VERT ANGLE	HORIZ DIST.	VERT ANGLE	ROD.	VERT DIST.	ELEV.	DESCR
	⊼ @	STA LKHG-8		SIGHT ON	PT - # 3701		H.I. = 4.7	
0+00.0							3841.4	LKHG-8 C.S.F.M. 108
0+55.0	55.0	0° 00'	55.0	- 9° 08	4.7	- 8.7	3832.7	26 SHT. #2
	⊼ @	STA 0+55.0		SIGHT ON	PT # 3701		H.I. = 4.8	
1+12.8	61.0	-18° 36	57.8	-18° 36	4.8	-19.5	3813.2	SIDE HILL
	⊼ @	STA 1+12.8		SIGHT ON	PT # 3701		H.I. = 4.4	
2+27.8	133.0	-30° 12'	115.0	- 30° 12	4.4	-66.9	3746.3	SIDE HILL
	⊼ @	STA 2+27.8		SIGHT ON	PT # 3701		H.I. = 4.6	
3+40.9	138.0	-34° 57'	113.1	- 34° 57'	4.6	-79.1	3667.2	BOT DRAW
4+73.3	255.0	-15° 44'	245.5	- 15° 44'	4.6	-69.2	77.1	SIDE HILL
5+22.2	300.0	-11° 06	294.4	- 11° 06'	4.6	-57.8	88.5	TOP SPUR
5+48.2	26.0	- LEVEL	320.4	- 10° 58'	4.6	-62.1	84.2	SIDE HILL
	⊼ @	STA 5+48.2		SIGHT ON	PT # 3701		H.I. = 4.5	
6+65.2	133.0	-28° 25'	117.0	- 28° 25'	4.5	-63.3	3620.9	BOT DRAW
7+43.5	200.0	-12° 26'	195.3	- 12° 26'	4.5	-43.1	41.1	SIDE HILL
8+41.2	293.0	+ 0° 35'	293.0	+ 0° 35	4.5	+ 3.0	87.2	" "
	⊼ @	STA 8+41.2		SIGHT ON	PT # 3701		H.I. = 4.8	
8+80.5	41.0	+16° 39	39.3	+ 16° 39	4.8	+ 11.8	3699.0	PT # 3701 SET 1X2 STK. ON ROCKY KNOB
	⊼ @	STA 8+80.5 (PT # 3701)		SIGHT ON	LH # 15		H.I = 4.8	
9+35.5	62.0	-27° 26	55.0	- 27° 26'	4.8	- 28.6	3670.4	SIDE HILL
	⊼ @	STA 9+35.5		SIGHT ON	PT # 3701		H.I. = 4.6	
10+31.6	110.0	-29° 07'	96.1	- 29° 07'	4.6	- 53.5	3616.9	SIDE HILL
	⊼ @	STA 10+31.6		SIGHT ON	LH # 15		H.I. = 4.6	
10+99.4	71.0	-17° 14'	67.8	- 17° 14'	4.6	- 21.0	3595.9	BOT PRIC
11+66.1	135.0	- 5° 00'	134.5	- 5° 00'	11.6	- 18.8	98.1	SIDE HILL
12+09.1	178.0	- 4° 17'	177.5	- 4° 17'	5.6	- 14.3	3602.6	" "

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

Survey of LAKE HUGHES RD.
JN 0096.48 Tape 190 Std 84 °F
Surveyed by J.C. PIERCE
Notes PIERCE Date 6-22-66
Indexed C. J. GALLI

F.B. 3222 PG. 173

F.B. 3222 Pg 174

T @ STA 12+09.1 SIGHT ON LH #15 H.I. = 5.0

STATION	MEAS DIST	VERT ANGLE	HORIZ DIST	VERT ANGLE	ROD	VERT DIFF	ELEVATION	DESCR.
13+89.4	182.0		180.3		5.0	+ 30.6	3632.6	SIDE HILL

T @ STA 13+89.4 SIGHT ON LH # 15 H.I. = 5.0

14+67.8	69.0	+ 7°41'	68.4	+ 7°41'	5.0	+ 9.2	3641.8	LH # 15 TOP SPUR L.I.P. & CAP: F.B. 3222-61 S.D.F.M. 108-26 SHEET # 3

T @ STA 0+00.0 TO S.C. (LH #15) H.I. = 4.9

9+00.0	0.0							
1+00.0	100.0	LEV	100.0	+ 0°23'	4.9	+ 0.7	3641.7	LH #15 SEE ABOVE.
1+72.9	173.0	+2°00'	172.9	+ 2°00'	10.8	+ 0.9	42.4	SIDE HILL

T @ STA 1+72.9 SIGHT SLY H.I. = 4.4

2+32.0	61.0	- 14° 20'	59.1	+ 14°20'	11.4	+ 22.1	3620.5	TOP BRK

T @ STA 2+32.0 SIGHT SLY H.I. = 4.6

3+27.1	102.0	- 21° 10'	95.6	- 21° 10'	11.6	- 43.8	3576.7	SIDE HILL
4+18.6	203.0	- 23° 12'	186.6	- 23° 12'	10.6	- 86.0	34.5	" "
4+81.1	272.0	- 23° 40'	249.1	- 23° 40'	10.6	- 115.2	05.3	" "

T @ STA 4+81.1 SIGHT SLY H.I. = 4.4

5+78.2	99.0	- 11° 09'	97.1	- 11° 09'	6.4	- 21.1	3484.2	BOT DRAW
6+74.0	193.0	+ 1° 48'	192.9	+ 1° 48'	6.4	+ 6.1	3606.4	SIDE HILL
7+79.0	300.0	+ 6° 47'	298.9	+ 6° 47'	4.4	+ 35.4	3540.7	TOP BRK

T @ STA 7+79.0 SIGHT SW4Y H.I. = 5.1

8+00.0	21.0	LEVEL	21.0	LEVEL	4.1	+ 1.0	3541.7	TOP KNOLL
8+78.9	100.0	- 2° 20'	99.9	- 2° 20'	11.1	- 10.1	30.6	TOP SPUR
9+37.5	159.0	- 4° 28'	158.5	- 4° 28'	10.1	- 17.4	23.3	" "

T @ STA 9+37.5 SIGHT SW4Y H.I. = 4.9

10+69.4	134.0	- 10° 05'	131.9	- 10° 05'	9.9	- 28.5	3474.8	BOT SWALE
12+32.4	295.0	- 1° 50'	294.9	- 1° 50'	4.9	- 9.4	35 13.9	TOP KNOLL

T @ STA 12+32.4 SIGHT ON LH-Y

13+31.9	102.0	+ 12° 36'	99.8	+ 12° 36'	4.8	+ 22.3	3491.6	LH-Y ELEV = 3492.36 SHEET #3 F.L. S.D.F.M. 108:26

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Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0096.48 Tape 190 Std 84 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C.P. Date 6-24-66
Date	Indexed C. J. GALLI

F. B. 3222 PG. 175

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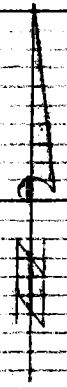
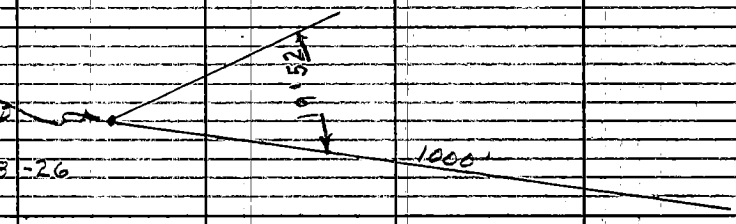


CONTROL SHEET #3
SDEM 108-26

TO L.H.-15
108-2.10
S.D.F.M. SHEET #3



L.H. #16
ED. 1" CAPPED
PIPE FLUSH
F.B. 3222 -
S.D.F.M. 108-26
SHEET #4

1) 19° 52'
2) 39° 44'
19° 22'

53.2
1.2

76F309S CE#310 1-65

⊼ @ LH # 16 SIGHT 19° 52' RIGHT OF LH-15 H.I. = 5.0

STATION	MEAS DIST.	VERT ANGLE	HORIZ DIST.	VERT ANGLE	ROD	VERT DIST.	ELEVATION	DESCRIPTION
0+00	0.0	—	—	—		0.0	3304.74	LH#16 1" I.P. S.O.F.M. 108-26 SHT # 4
1+00	100.0	LEVEL	100.0	+1°47'	5.0	+3.1	01.6	ORCHARD YOUNG TREES
2+00	200.0	"	200.0	+1°47'	5.0	+6.2	3298.5	"
3+00	300.0	"	300.0	+1°45'	5.0	+9.2	95.5	"
4+00	100.0	"	400.0	+1°45'	5.0	+12.2	92.5	"
5+00	200.0	"	500.0	+1°45'	5.0	+15.3	89.4	"
6+00	100.0	"	600.0	+1°46'	5.0	+18.5	86.2	"
7+00	200.0	"	700.0	+1°51'	5.0	+22.6	82.1	"
8+00	100.0	"	800.0	+1°51'	5.0	+25.8	78.9	"
9+00	200.0	"	900.0	+1°50'	5.0	+28.8	75.9	"
10+00	100.0	"	1000.0	+1°47'	5.0	+31.1	73.6	"

⊼ @ STA 10+00, SIGHT ON LH-16 H.I. = 5.0

0+00.0	1000.0	LEVEL	1000.0	+1°47'	5.0	+31.1	3304.7	LH-16 1" I.P. SEE ABOVE

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Map No. _____
Office Work _____
Checked _____
Date _____

Survey of 170TH ST. W.
JN 0302.01 Tape 233 Std 84 °F
Surveyed by MENDONCA
Notes J.N. Date 1-16-67
Indexed C. J. GALLI FEB 8 '67

F. B. 3222 Pg. 144

J.N. 0302.01

170TH ST. WEST

MONUMENT TIES

FROM: AVE. H
TO: AVE. A

MENDONCA
BEERS
RITTER
MITCHELL

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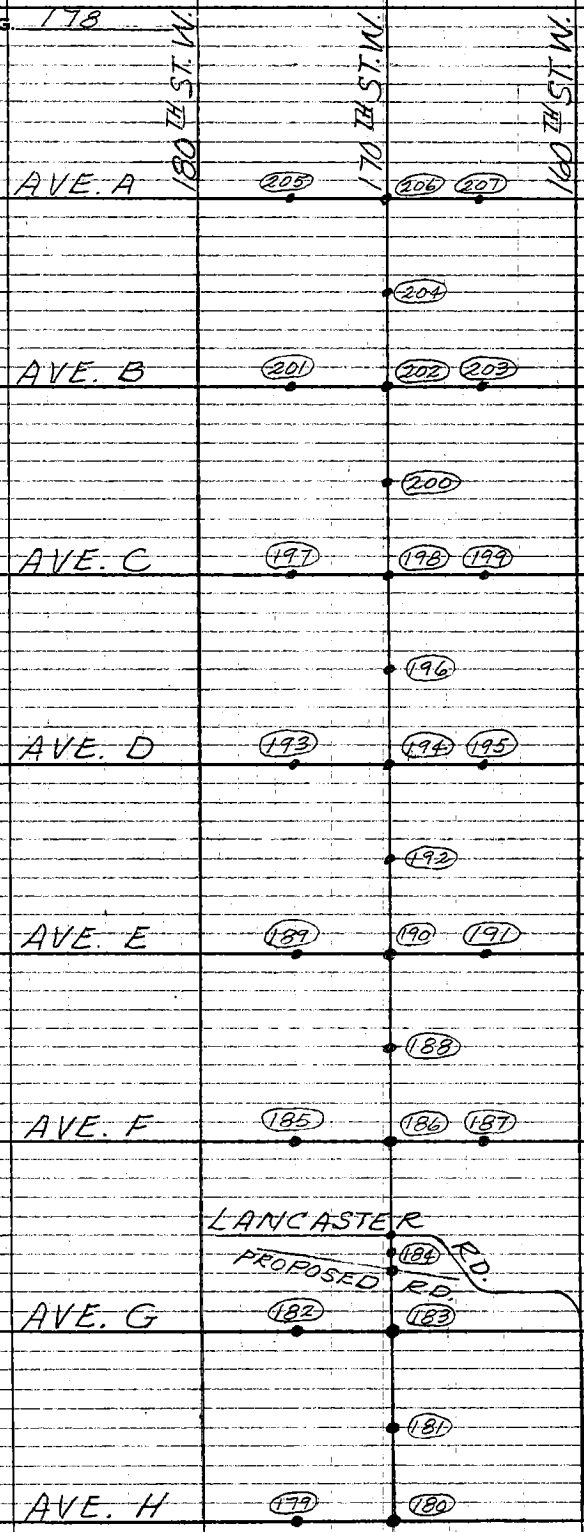
76F3095 CE #247—3-57

F.B. 3222 Pg. 178



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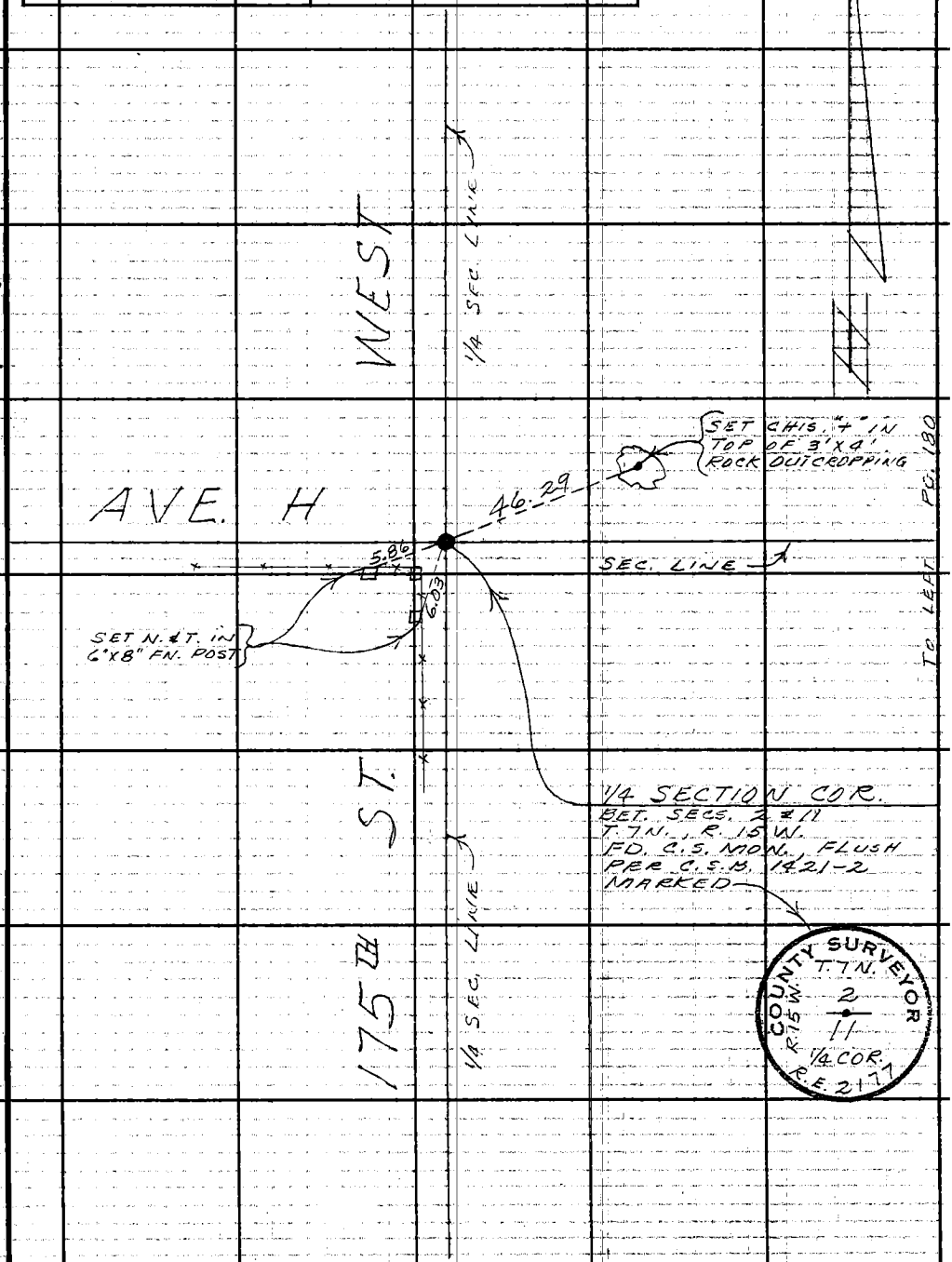
Map No.	JN 0302.01 Tape 233 Std 84 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 1-16-67
Date	Indexed C. J. GALLI

F. B. 3222 PG. 179



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W.S. 72, A-4

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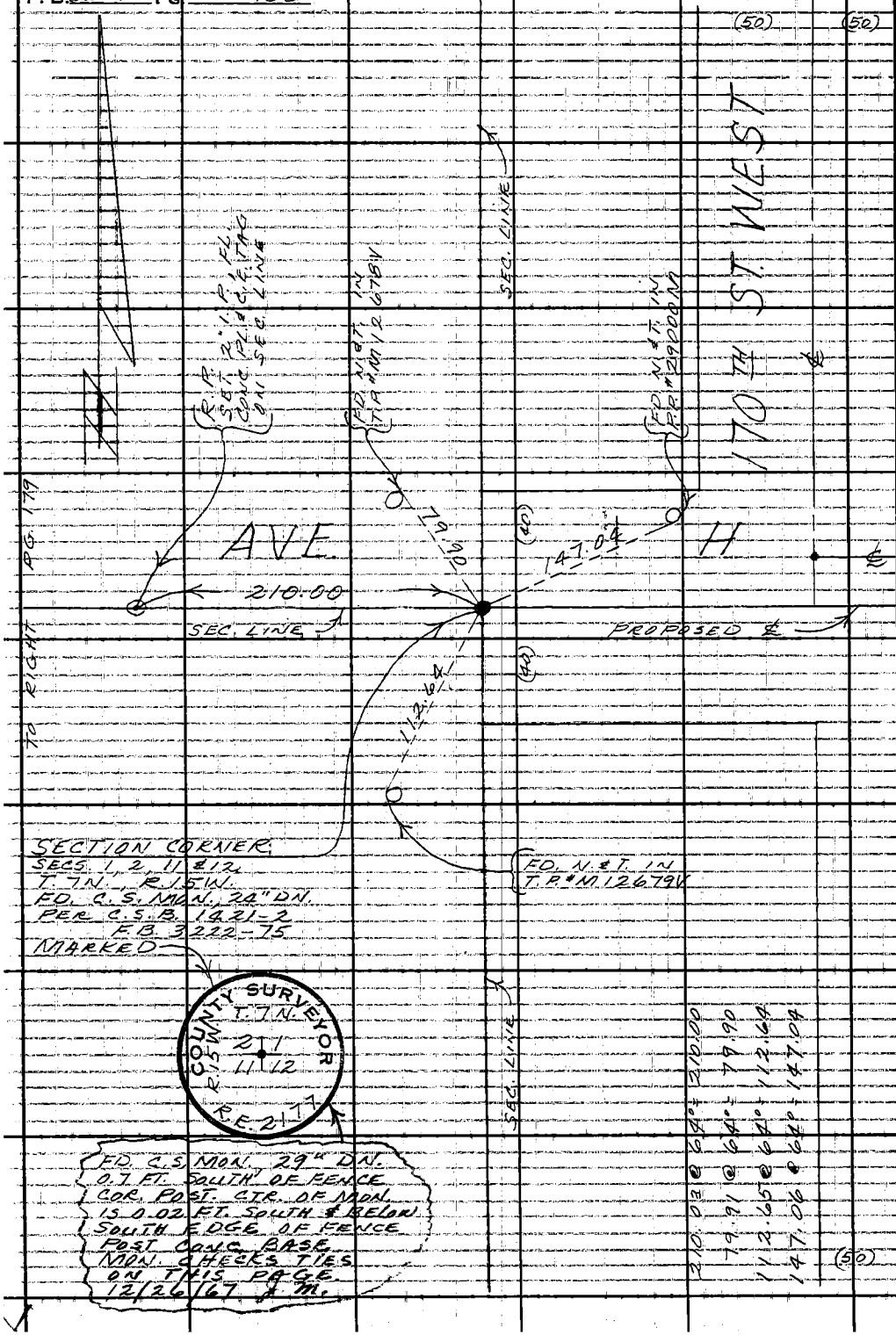
76F309S CE #310 6/63

F.B. 3222 PG 180 TO BOT. PG. 181



W.S. 72, A-4

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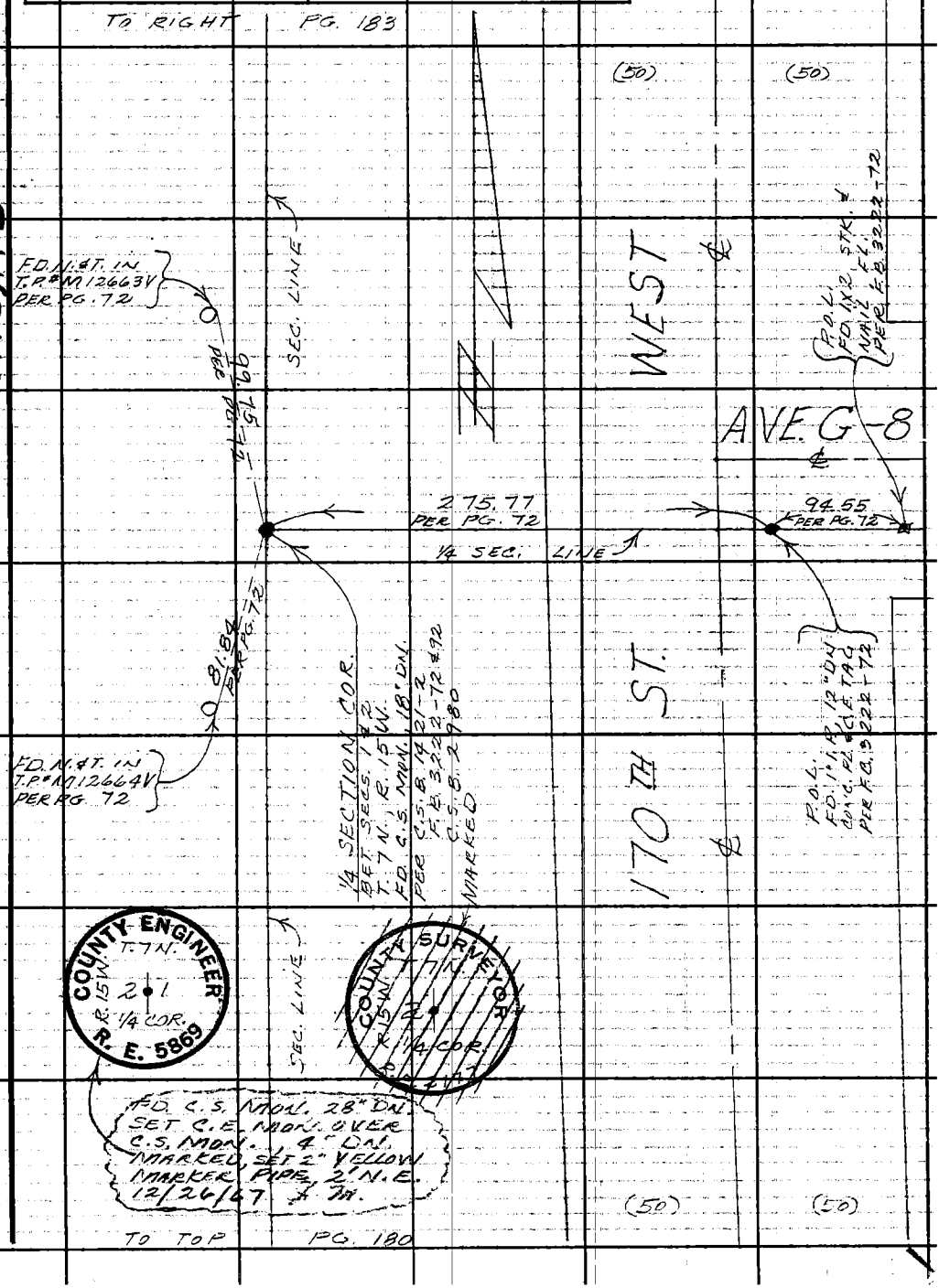
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 1-17-67
Date	Indexed G. J. GALLI

F. B. 3222 PG. 181



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W.S. 72, A-3

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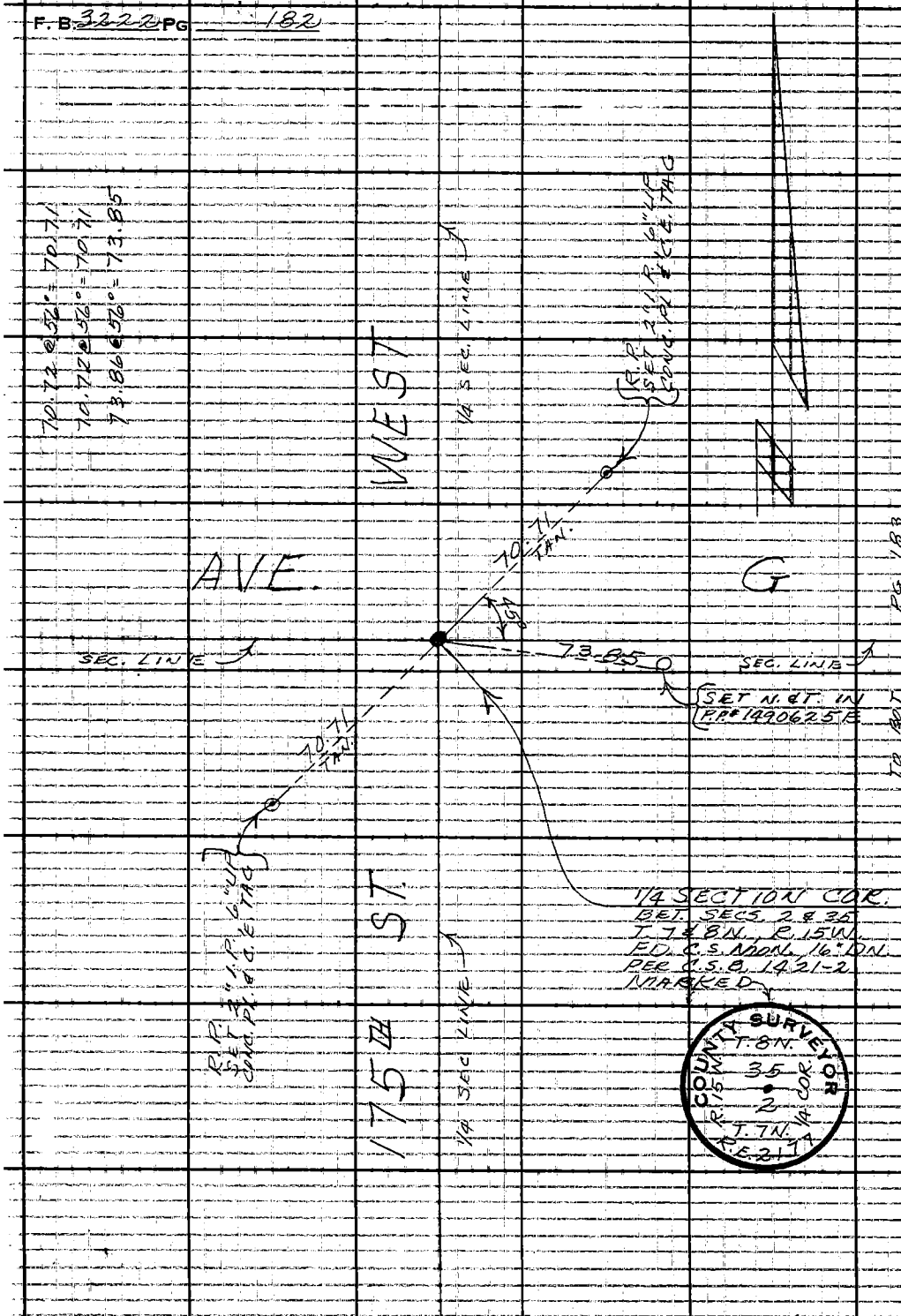
76F3098 CE #310 6-63

F. B. 3222 PG 182



W.S. 72, A-3

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Notes Ck'd by	Survey of 170TH ST. W.	F.B. 3222 PG. 183
Map No.	JN 0302.01 Tape 233 Std 84 °F	
Office Work	Surveyed by MENDONCA	
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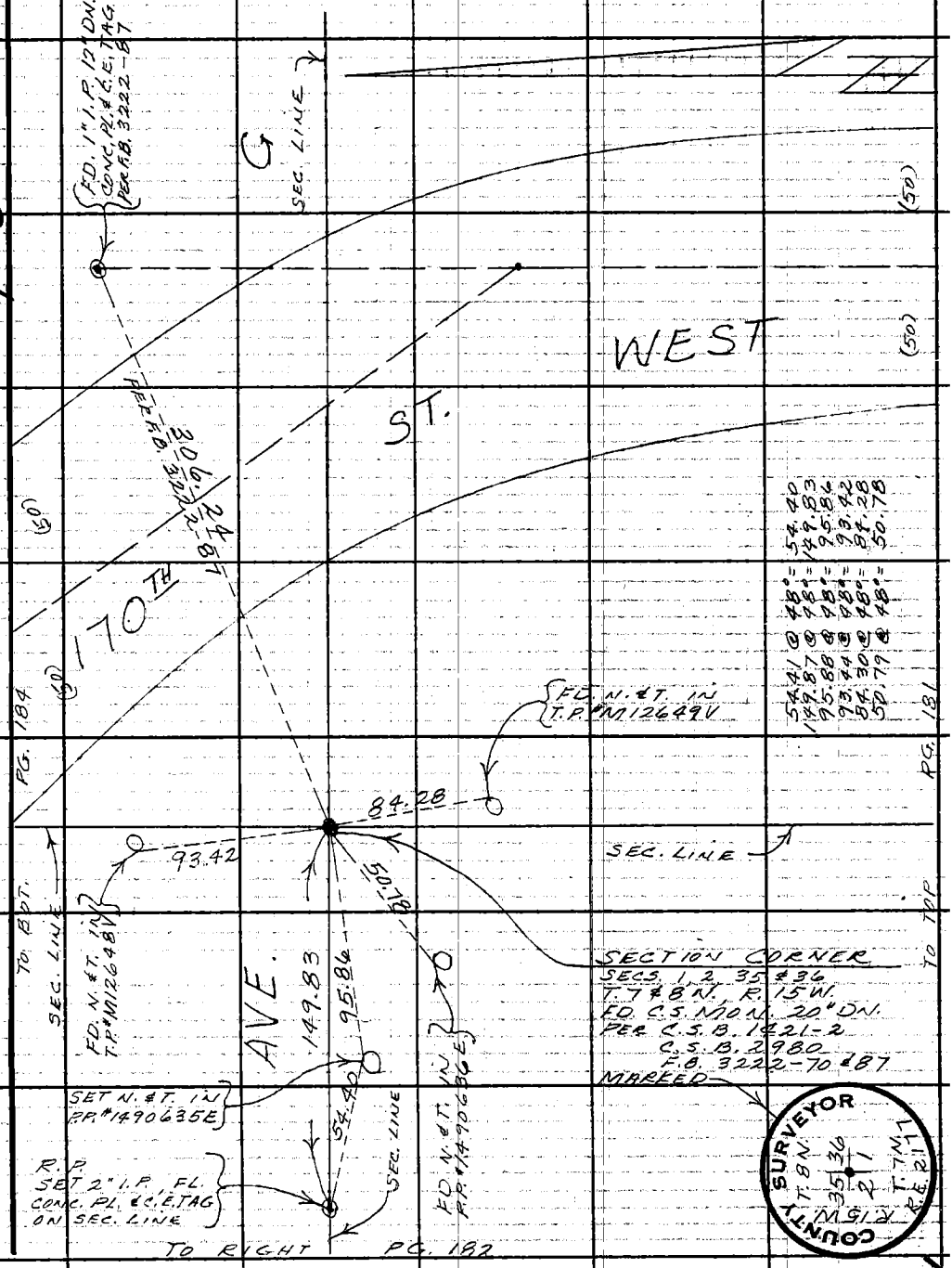
Date	Indexed C. J. GALLI	



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W.S. 72, A-3

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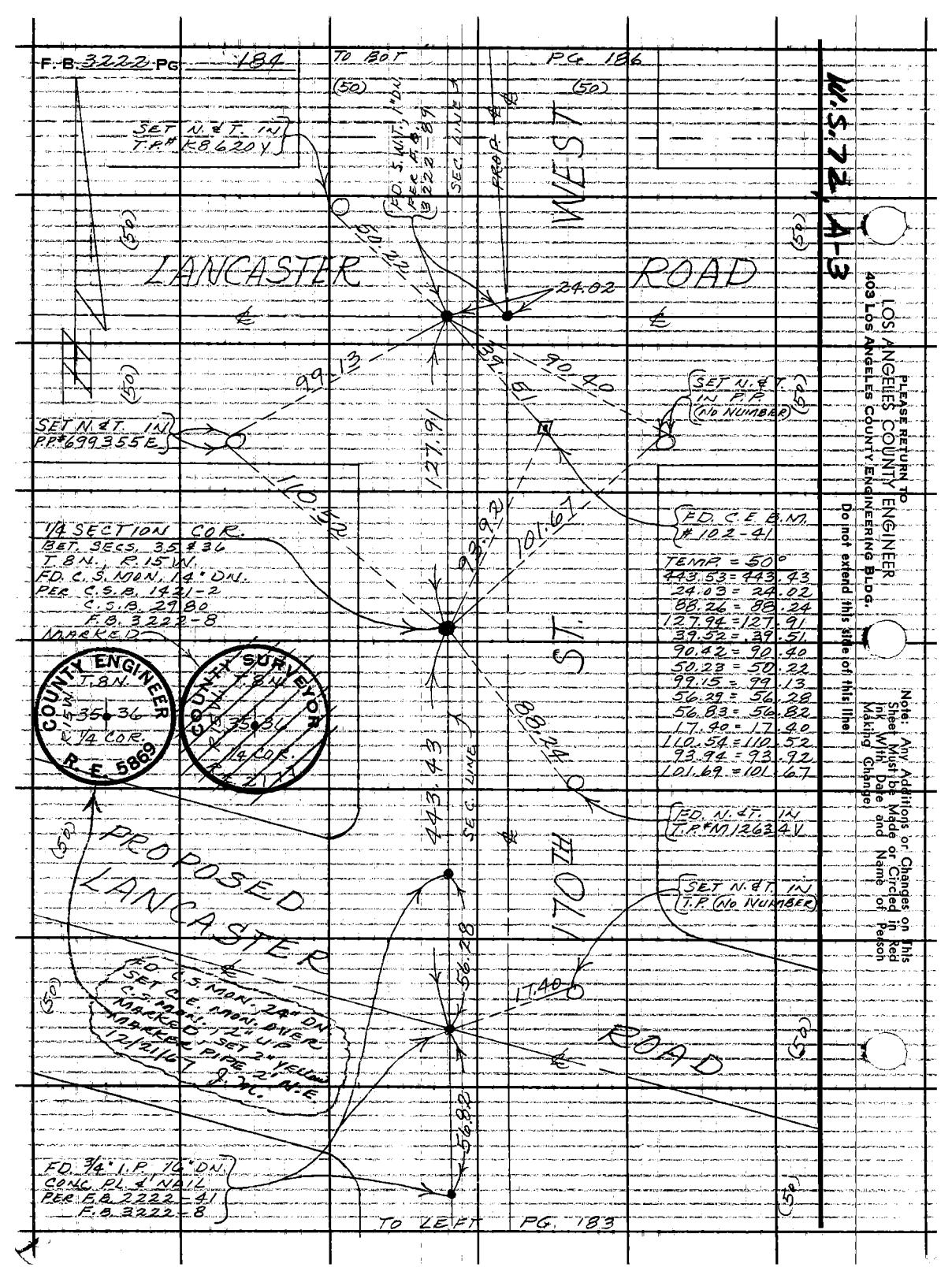
76F309S CE #310 6/63


F.B. 3222 PG 184
TO BOT
PG 186
(50)
SET N. & T. IN T.P.# K8620Y
FD. S.W.T. 1" DN. PER F.B. 3222-89
SEC. LINE
PROP. ℄
WEST
LANCASTER
ROAD
24.02
50.22
99.13
39.51
90.40
SET N. & T. IN P.P. (NO NUMBER)
SET N. & T. IN P.P.# 699355E
127.91
110.52
93.92
101.67
FD. C.E.B.M. #102-41
1/4 SECTION COR.
BET. SECS. 35 & 36
T.8N., R.15W.
FD. C.S. MON. 14" DN.
PER C.S.B. 1421-2
C.S.B. 2980
F.B. 3222-8
MARKED
TEMP. = 50°
443.53 = 443.43
24.03 = 24.02
88.26 = 88.24
127.94 = 127.91
39.52 = 39.51
90.42 = 90.40
50.23 = 50.22
99.15 = 99.13
56.29 = 56.28
56.83 = 56.82
17.40 = 17.40
110.54 = 110.52
93.94 = 93.92
101.69 = 101.67
COUNTY ENGINEER
T.8N.
R.15W.
35 36
1/4 COR.
R.E. 5869
COUNTY SURVEYOR
T.8N.
35 36
1/4 COR.
R.E. 2177
ST.
443.43
SEC. LINE
88.24
FD. N. & T. IN T.P.# M1263 4V
PROPOSED
LANCASTER
ROAD
SET N. & T. IN T.P. (NO NUMBER)
56.28
17.40
FD. C.S. MON. 24" DN.
SET C.E. MON. OVER
C.S. MON. 12" UP
MARKED, SET 2" YELLOW
MARKER PIPE 2' N.E.
12/21/67 J.M.
56.82
FD. 3/4" I.P. 16" DN.
CONC. PL. & NAIL
PER F.B. 2222-41
F.B. 3222-8
TO LEFT PG. 183
W.S. 72, A-3
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Map No.	JN 0302.01 Tape 233 Std. 84 °F	
Office Work	Surveyed by MENDONCA	
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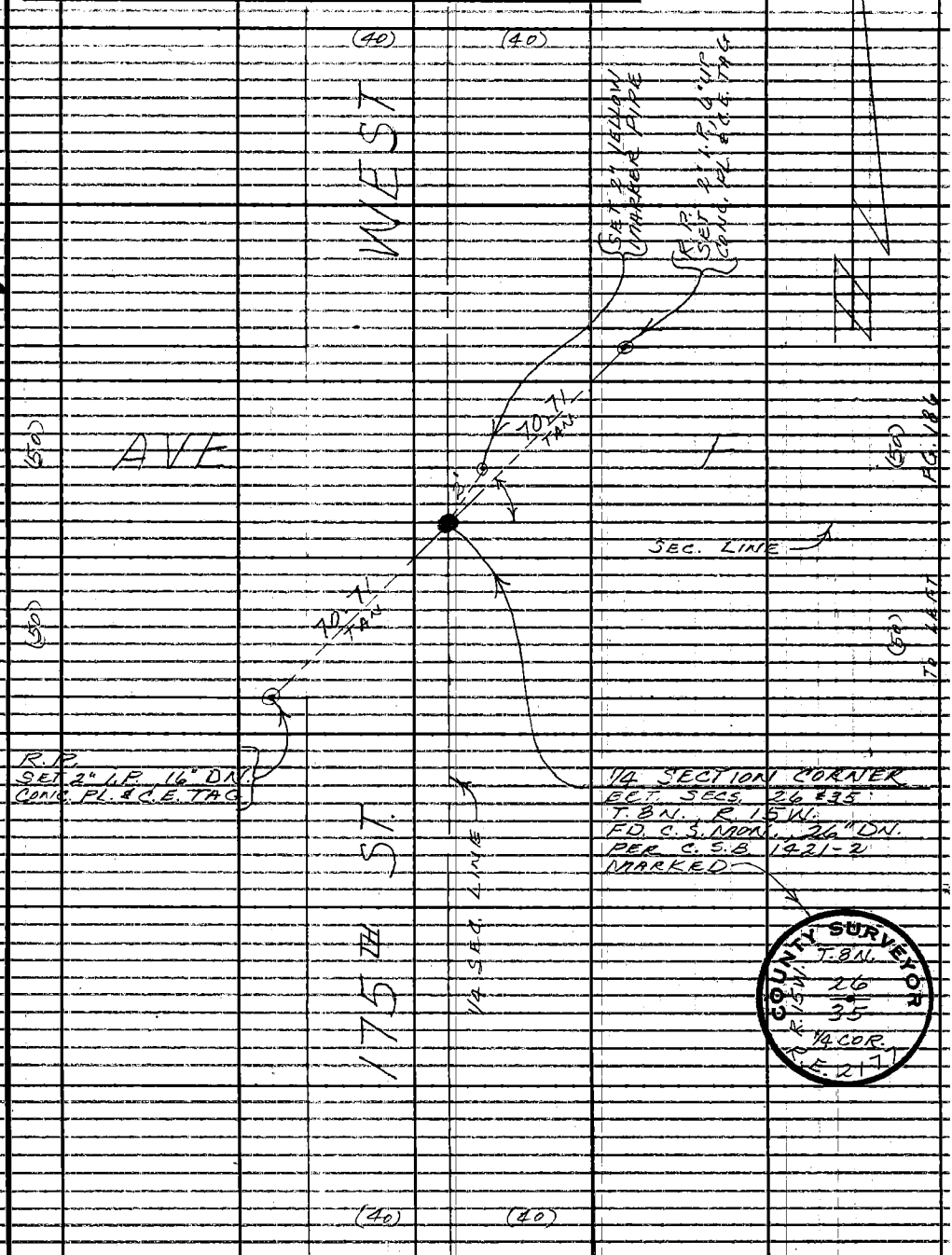
Date	Indexed G. J. GALLI	



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W.S. 72, A-3

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76F309S CE#310 1-65

F. B. 3222 PG 186

W.S.72A-3

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Map No.	JN 0302.01 Tape 233 Std. 84 °F
Office Work	Surveyed by MENDONCA
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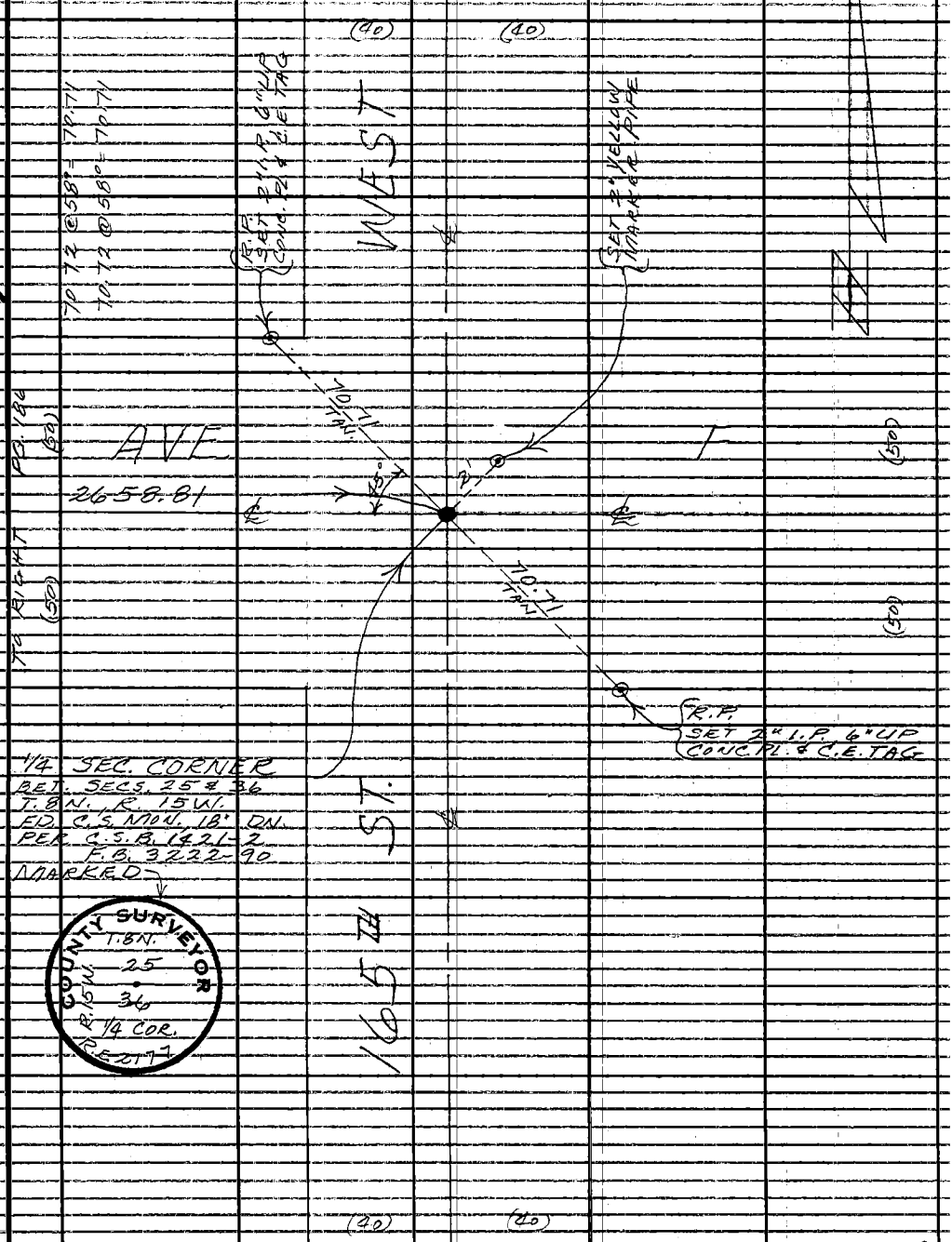
Date	Indexed C. J. GALLI

F.B. 3222 PG. 187



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W.S. 72, B-3

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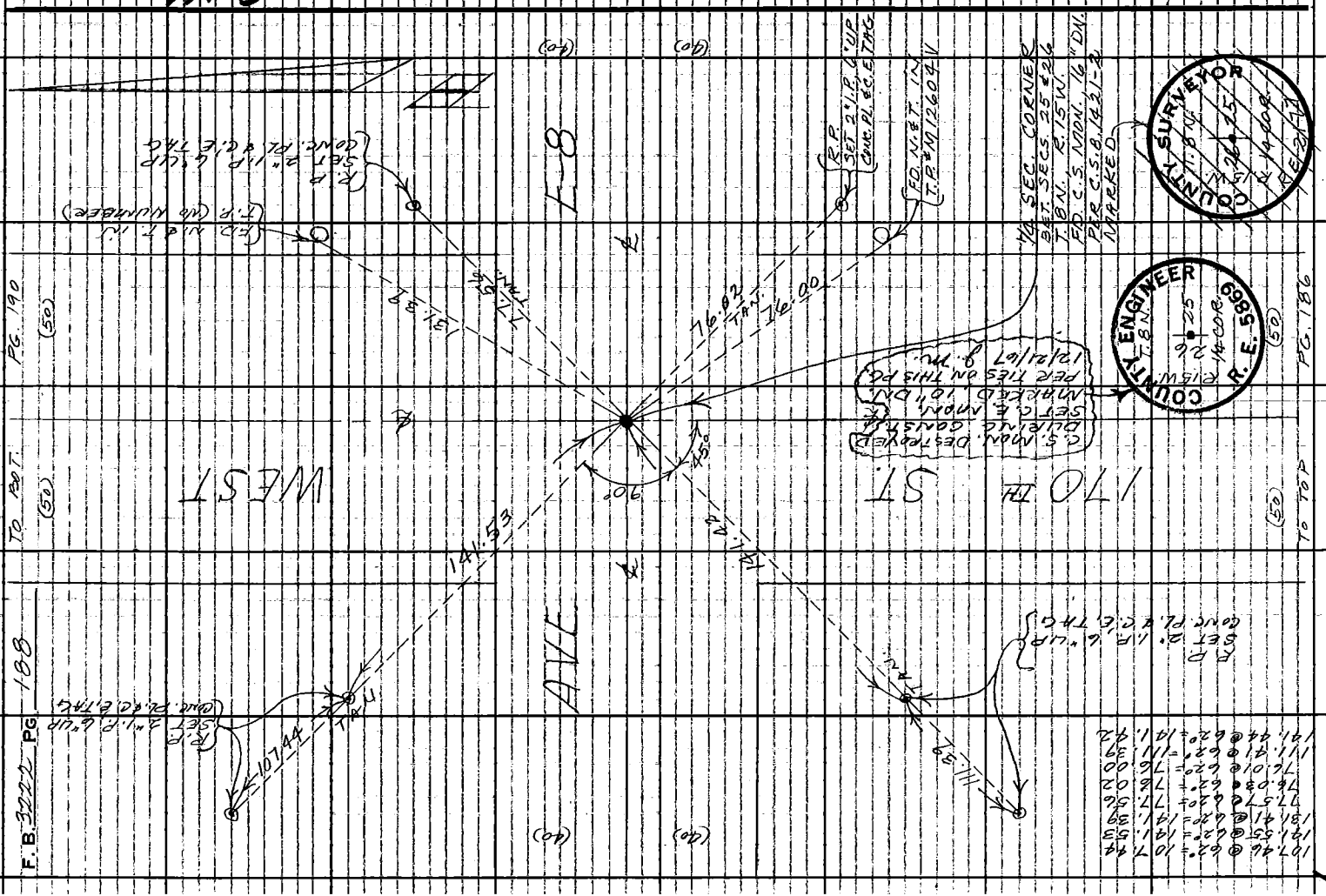
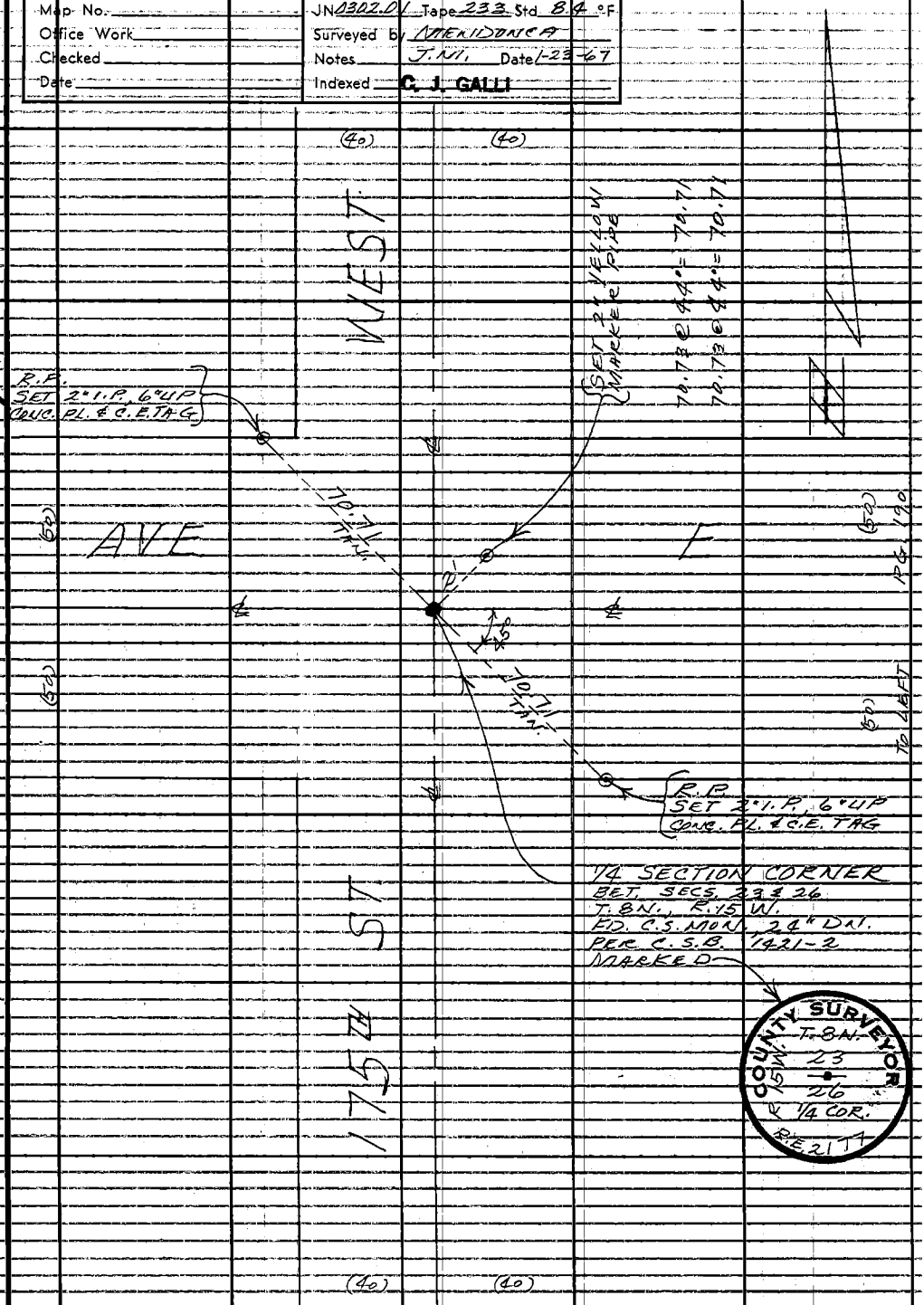
W.S. 72, A-3



Notes Ck'd by	Survey of 170TH ST. W.
Map No.	JN 0302.01 Tape 233 Std 8.4 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J. NI. Date 1-23-67
Date	Indexed C. J. GALLI

F.B. 322 2 PG. 189



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W.S. 72, A-2

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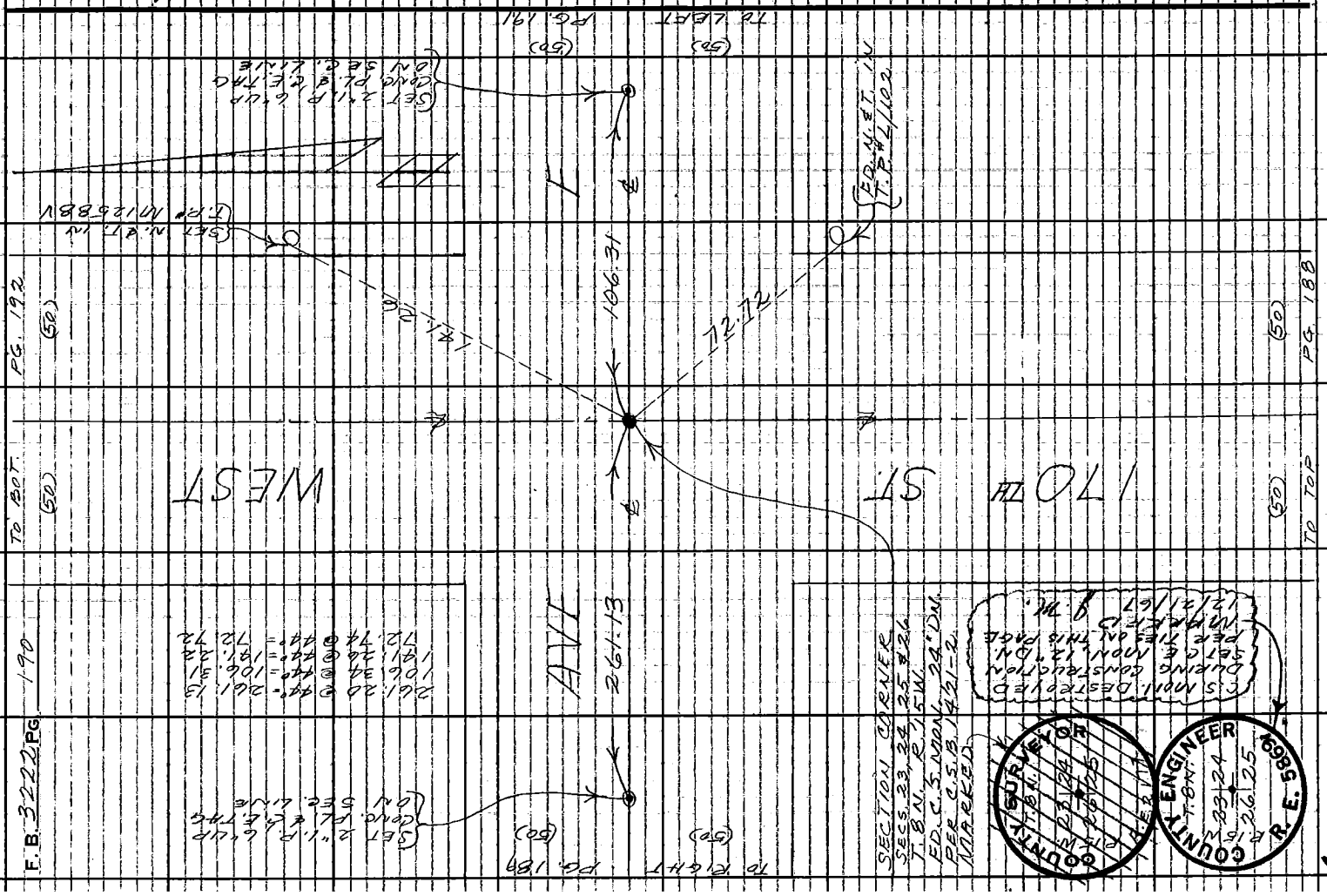
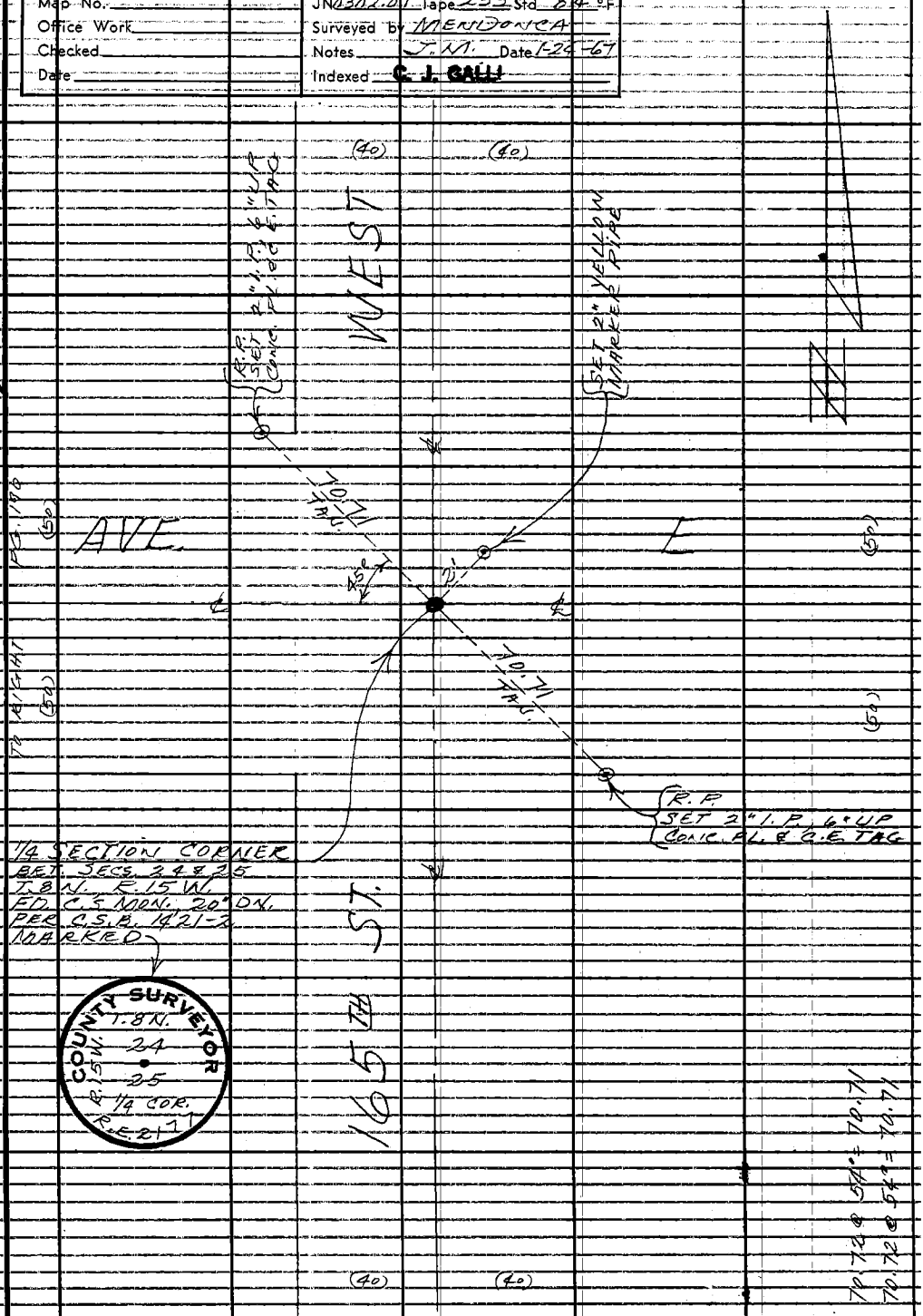
W.S. 72, A-2



Notes Ck'd by	Survey of 170TH ST. W.
Map No.	JN 4302.01 Tape 233 Std 84 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 1-24-67
Date	Indexed C. J. GALLI

F.B. 3222 PG. 191



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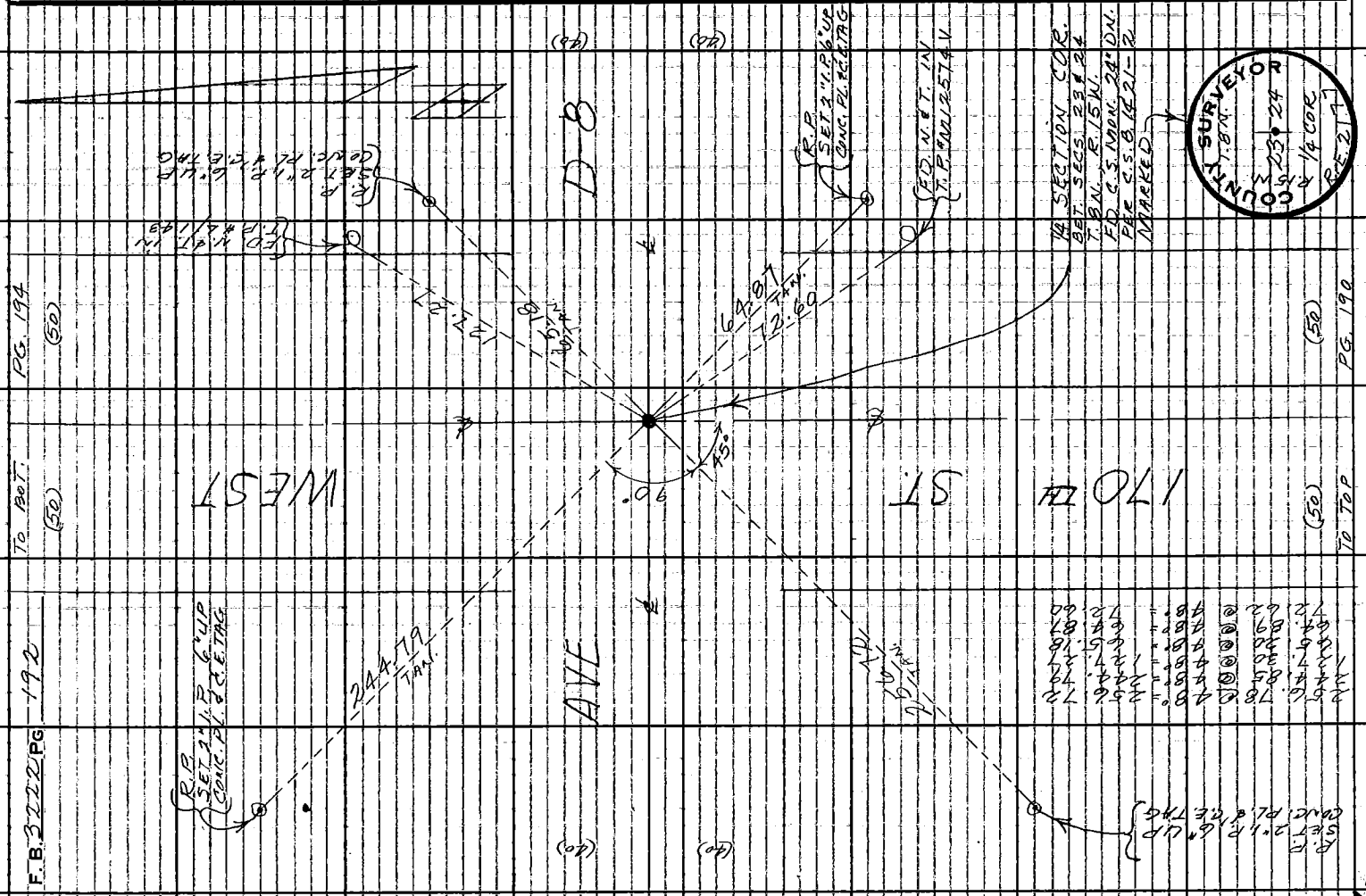
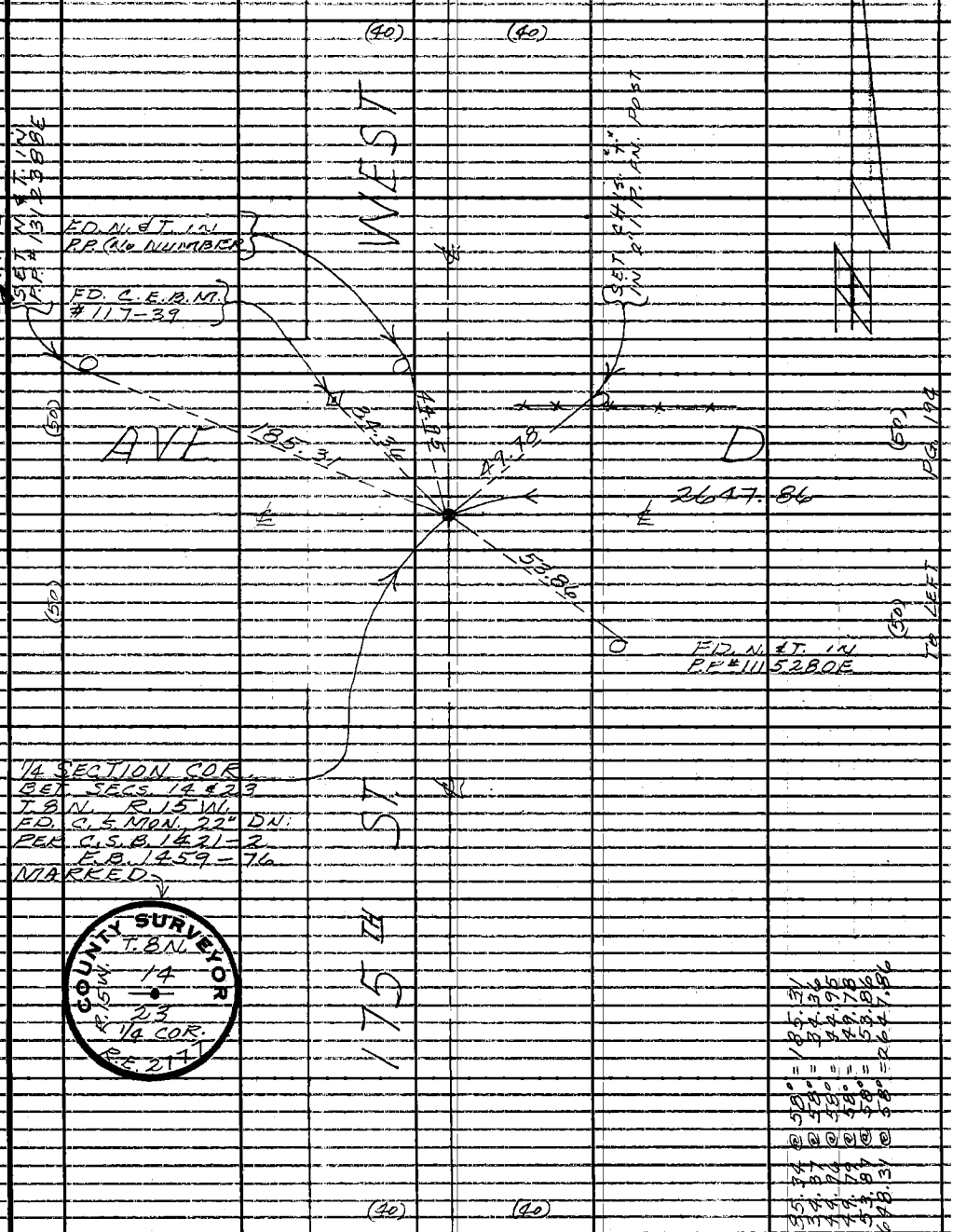
W.S. 72, A-2



Notes Ck'd by	Survey of 170TH ST. W.
Map No.	JN030201 Tape 233 Std. 84 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 1-26-67
Date	Indexed G. J. GALLI

F.B. 3222 PG. 193



185.34 @ 58° = 185.31
34.37 @ 58° = 34.36
44.96 @ 58° = 44.95
49.79 @ 58° = 49.78
53.87 @ 58° = 53.86
2648.31 @ 58° = 2647.86

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W.S. 72 A-2

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76F309S CE#310 1-65

F. B. 3222 PG 194

W.S.72, A-2

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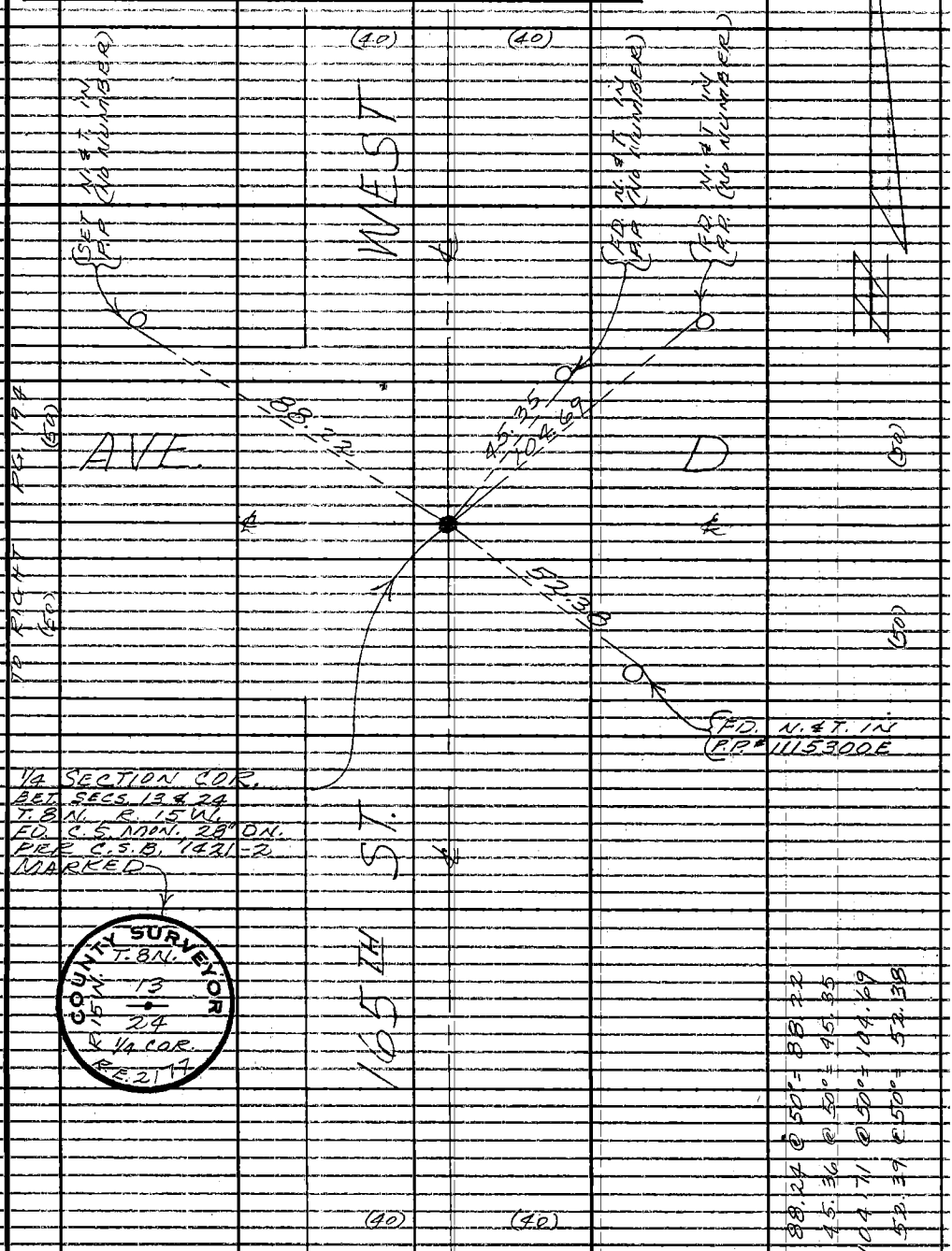
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 1-27-67
Date	Indexed C. J. GALLI

F.B. 3222 PG. 195



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W.S. 72, B-2

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W.S. 72, A-2

Notes Ck'd by	Survey of 170TH ST. W.	F. B. 3222 PG. 197
Map No.	JN 0302.01 Tape 233 Std. 84 °F	
Office Work	Surveyed by MENDONCA	
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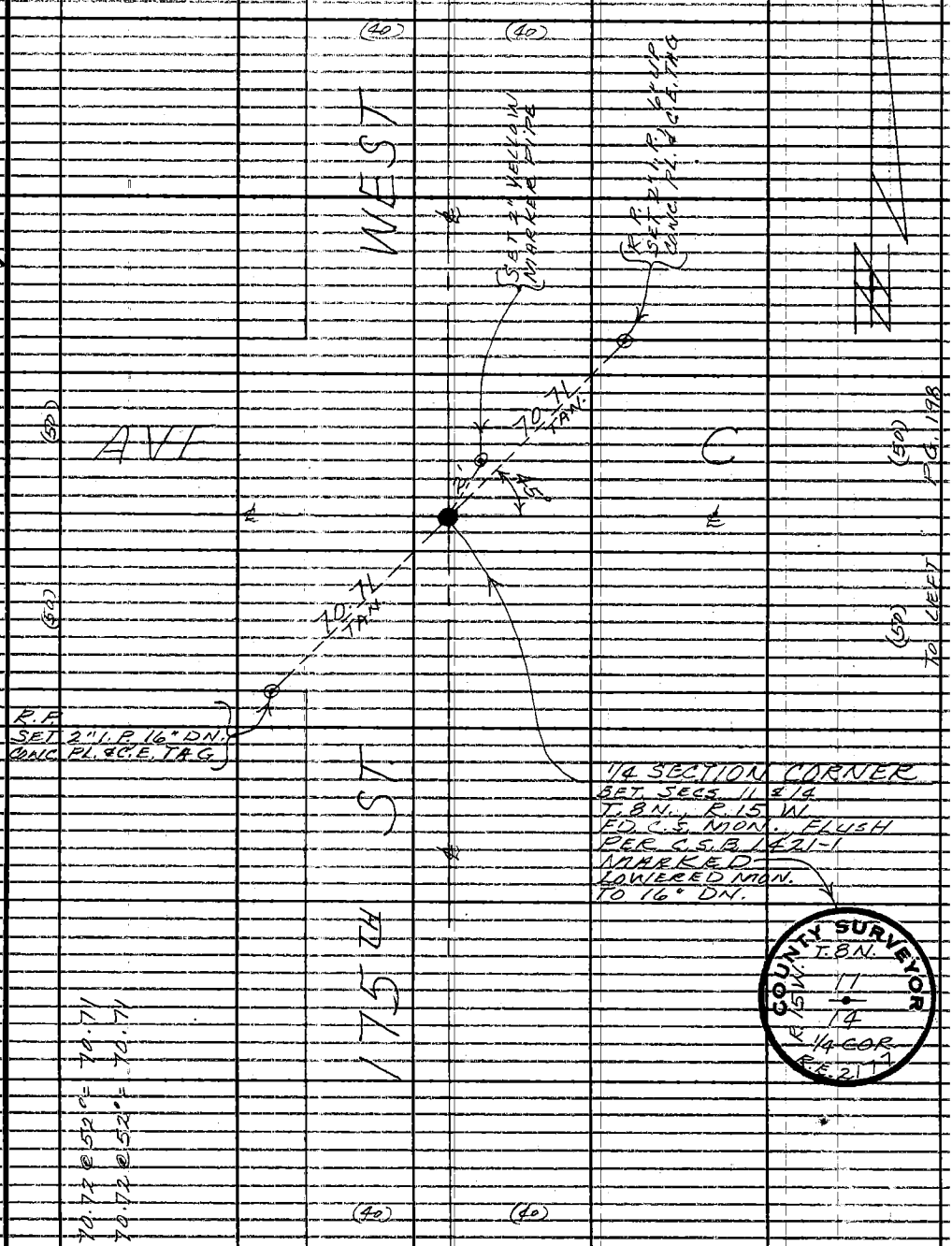
Date	Indexed C. J. GALLI	



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W.S. 72, A-1

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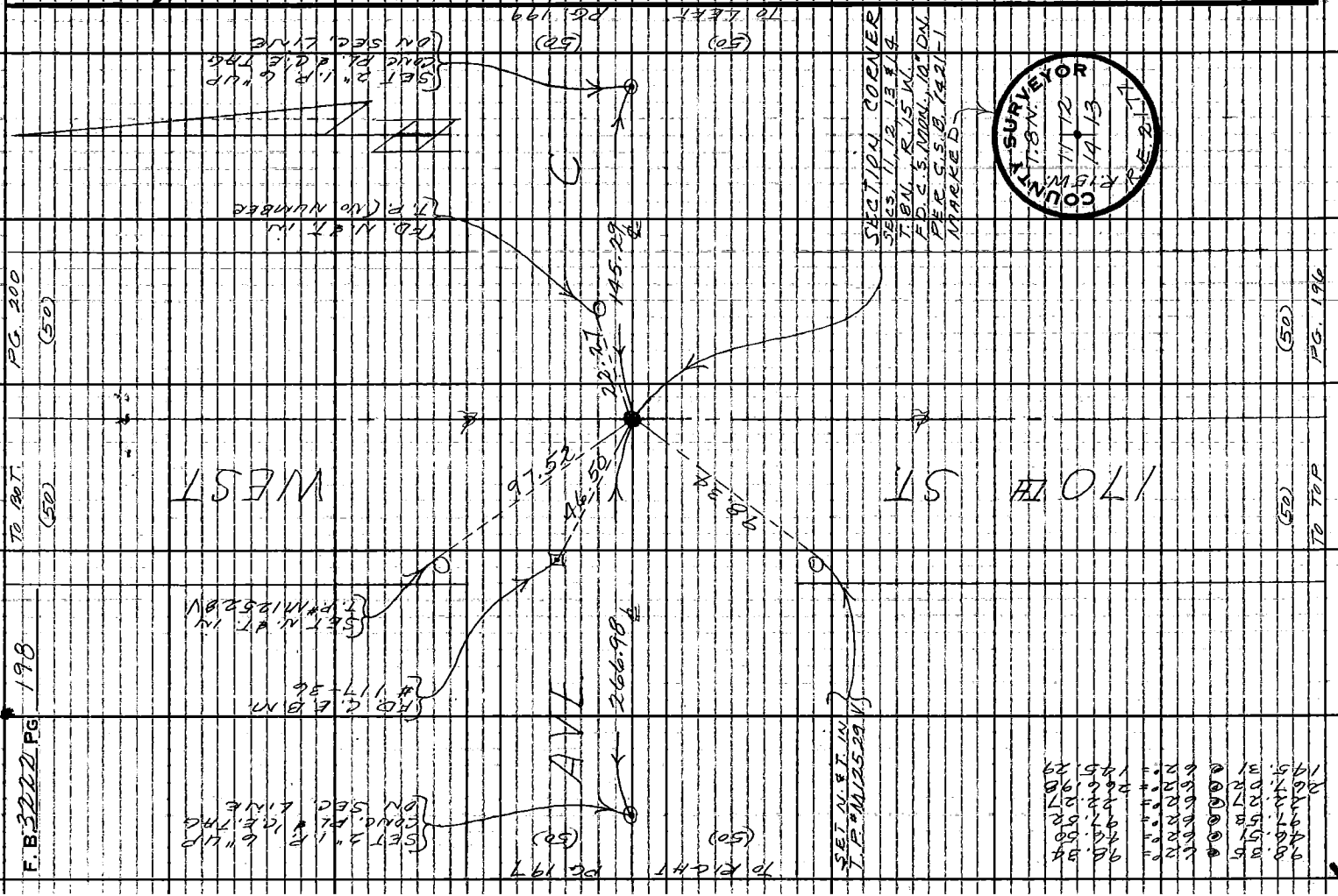
Note: Any Additions or Changes on This Sheet Must be Made on Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

W.S. 72, A-1



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

Survey of 170 TH ST. W.
JN 0302.01 Tape 233 Std 84 °F
Surveyed by MENDONCA
Notes J.M. Date 1-31-67
Indexed R. J. CALLI

F.B. 322 Pg. 199

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

W,S,72,8-1

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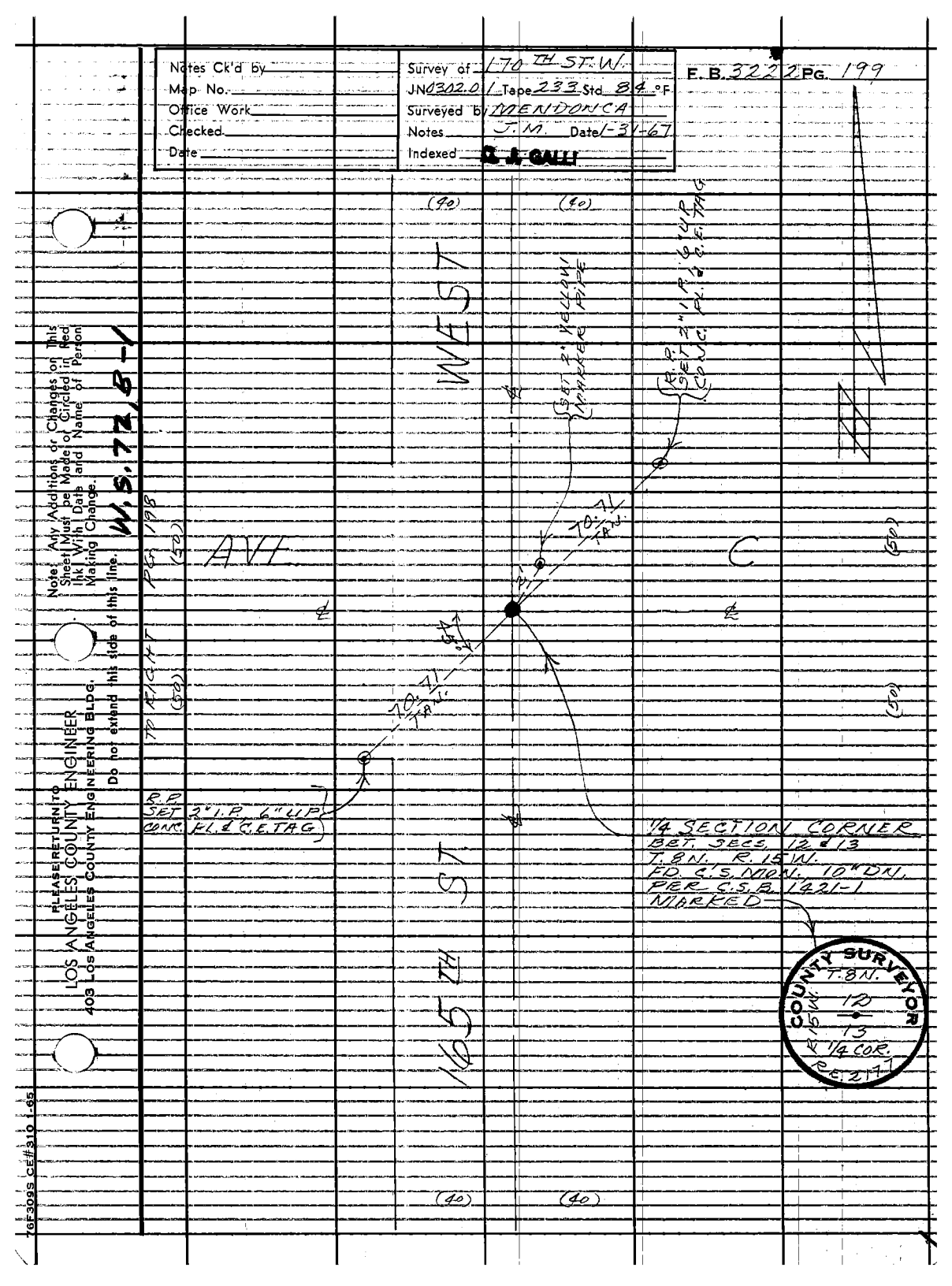
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
PLEASE RETURN to

76F309S CE#310 1-65



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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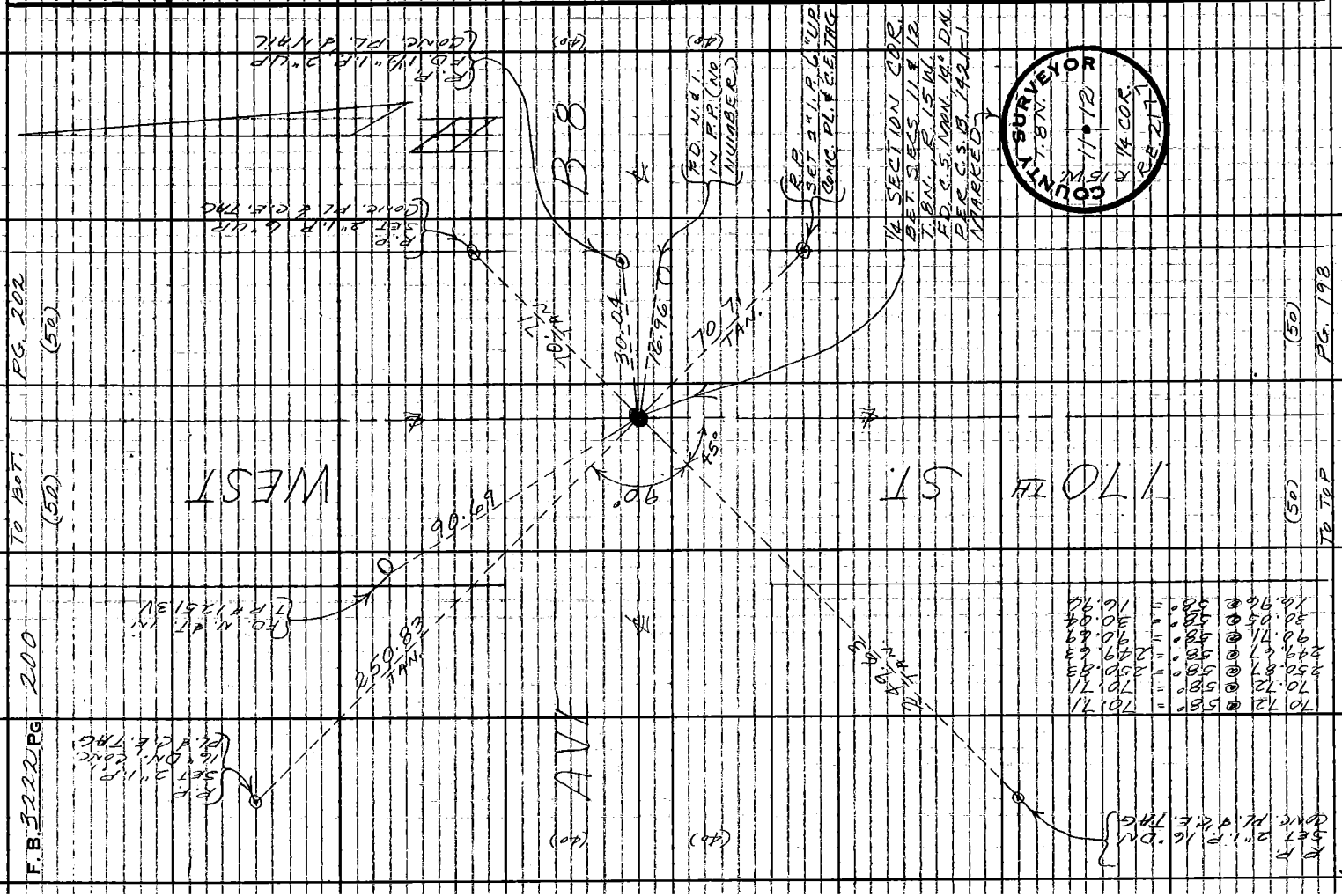
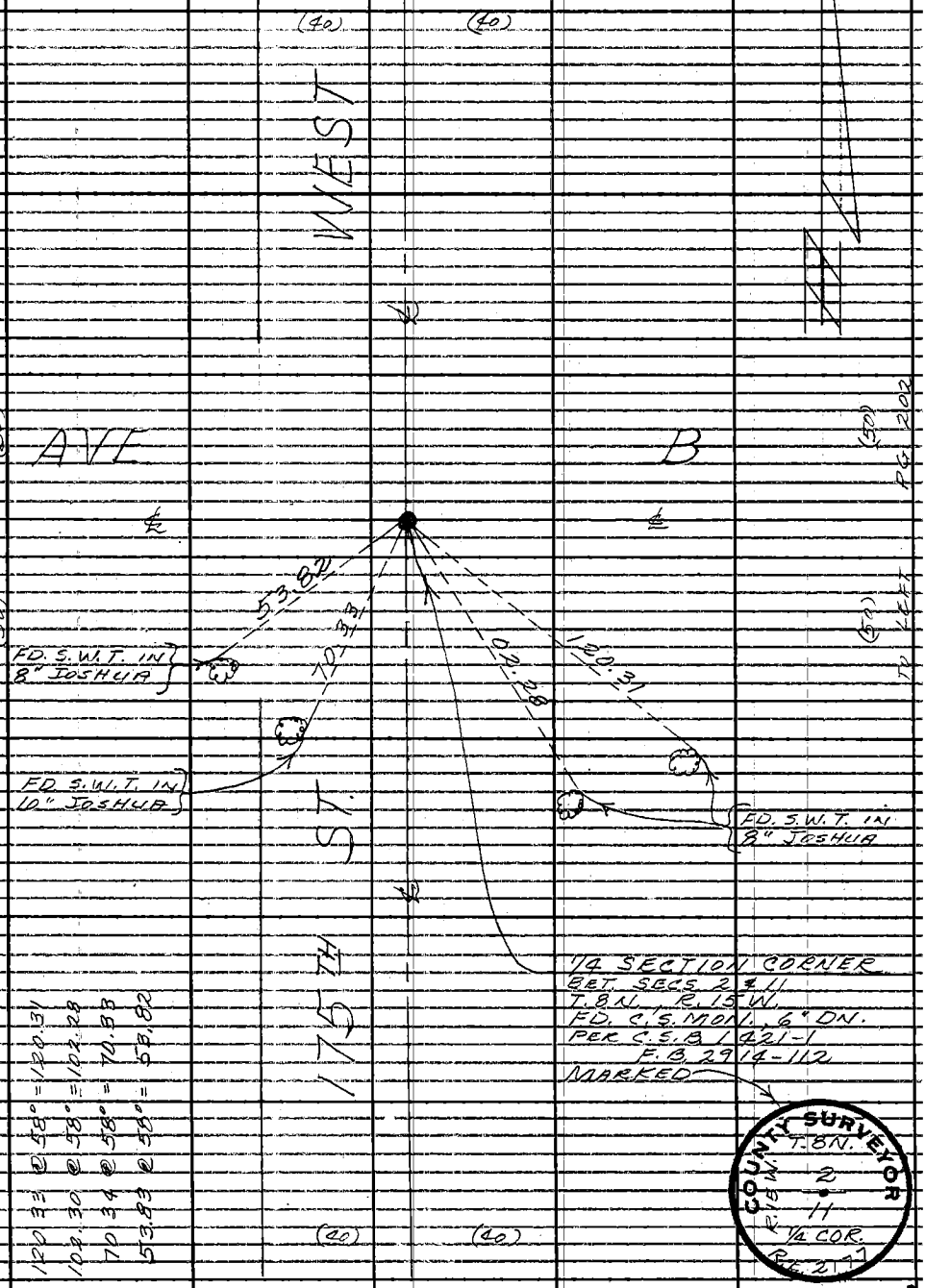
Do not extend this side of this line.

W.S. 72, A-1



Notes Ck'd by	Survey of 170TH ST. W.
Map No.	JN 0302.01 Tape 233 Std 84 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 2-1-67
Date	Indexed G. J. GALLI

F.B. 3222 PG. 201



120.33 @ 58° = 120.31
102.30 @ 58° = 102.28
70.34 @ 58° = 70.33
53.83 @ 58° = 53.82

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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W.S. 72, A-1

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76F309S CE#810 1-65

F. B. 3222 PG 202

W.S. 72 A-1

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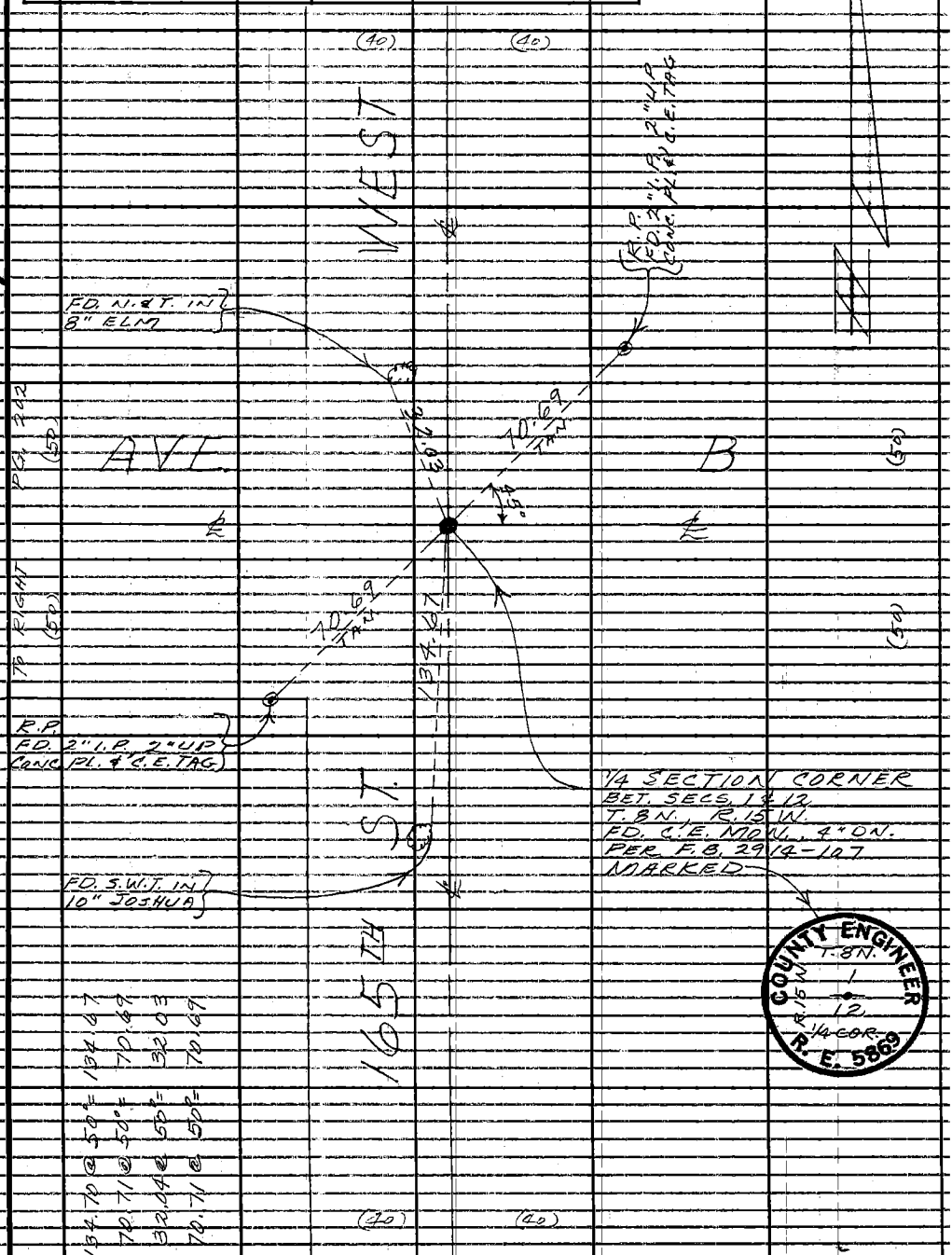
Notes Ck'd by	Survey of 170TH S.T.W.
Map No.	JN 0302.01 Tape 233 Std. 84 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 2-2-67
Date	Indexed E. J. GALLI

F.B. 3222 PG. 203



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W.S. 72, B-1

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76F309S CE#310 1-65

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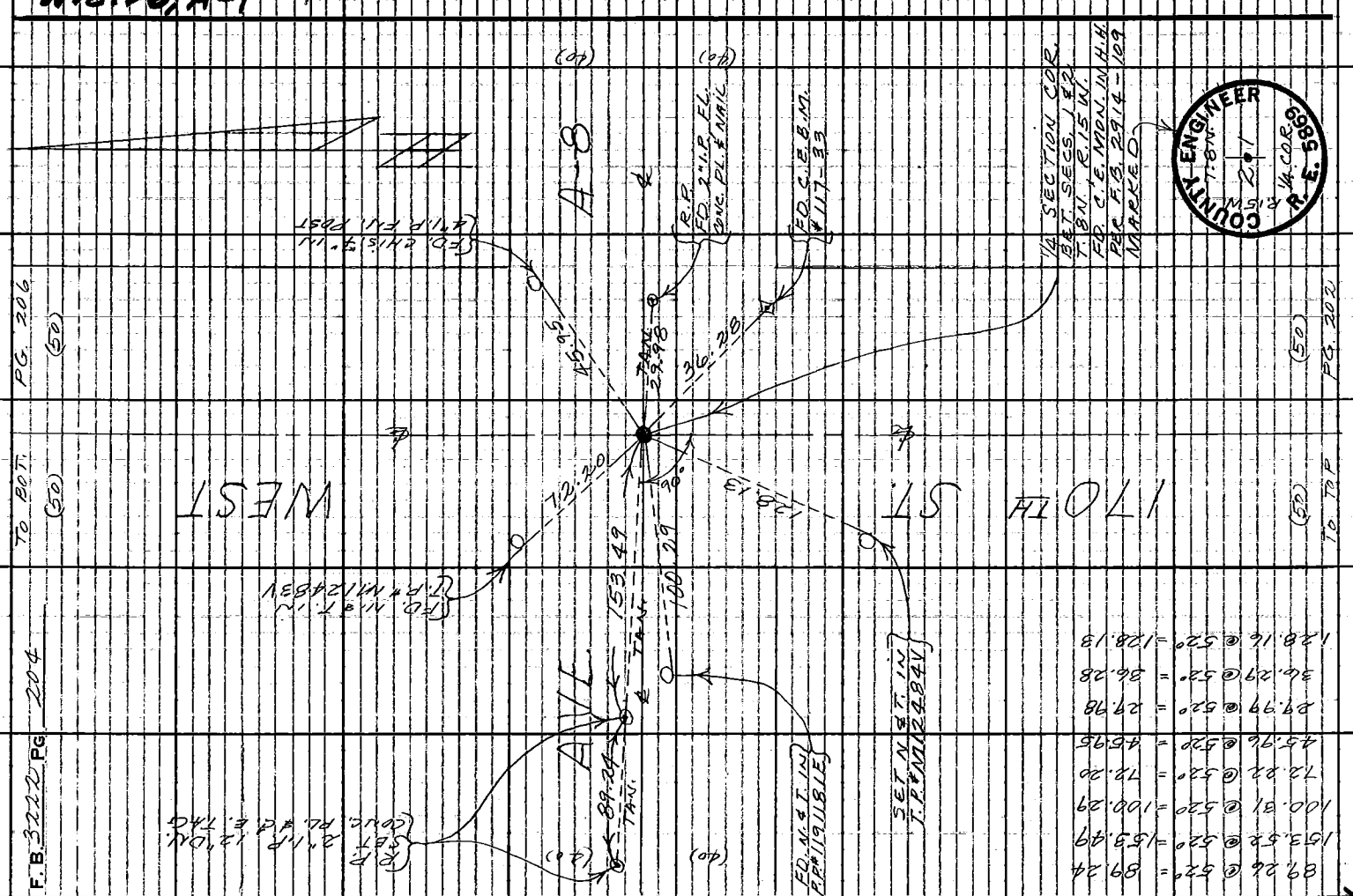
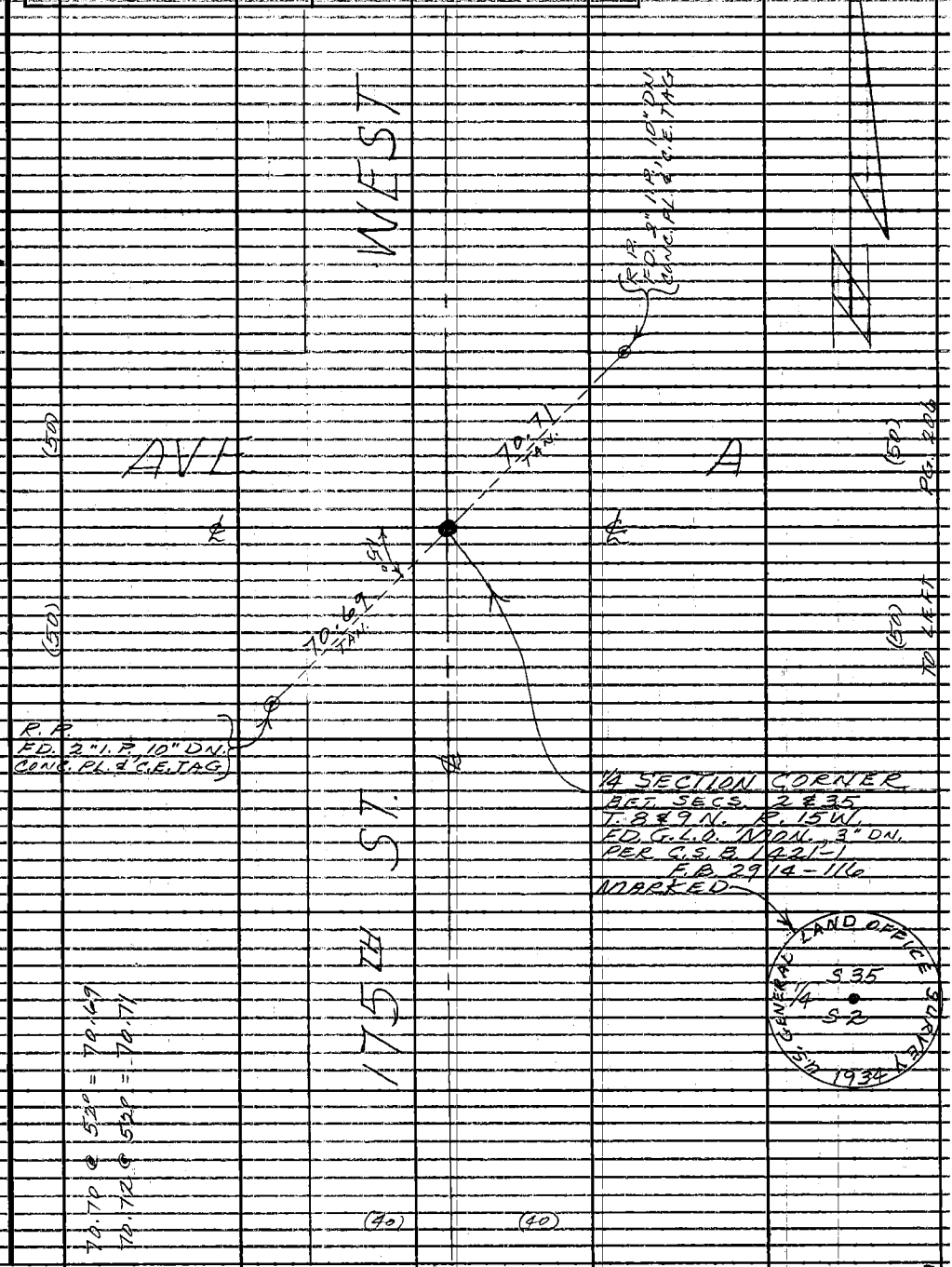
W.S.28, A-1



Notes Ck'd by	Survey of 170TH ST. W.	F.B. 3222 PG. 205
Map No.	JN030201 Tape 233 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 2-3-67	
Date	Indexed G. J. GALLI	



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W.S. 72, A-1

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76F309S CE#310 -65

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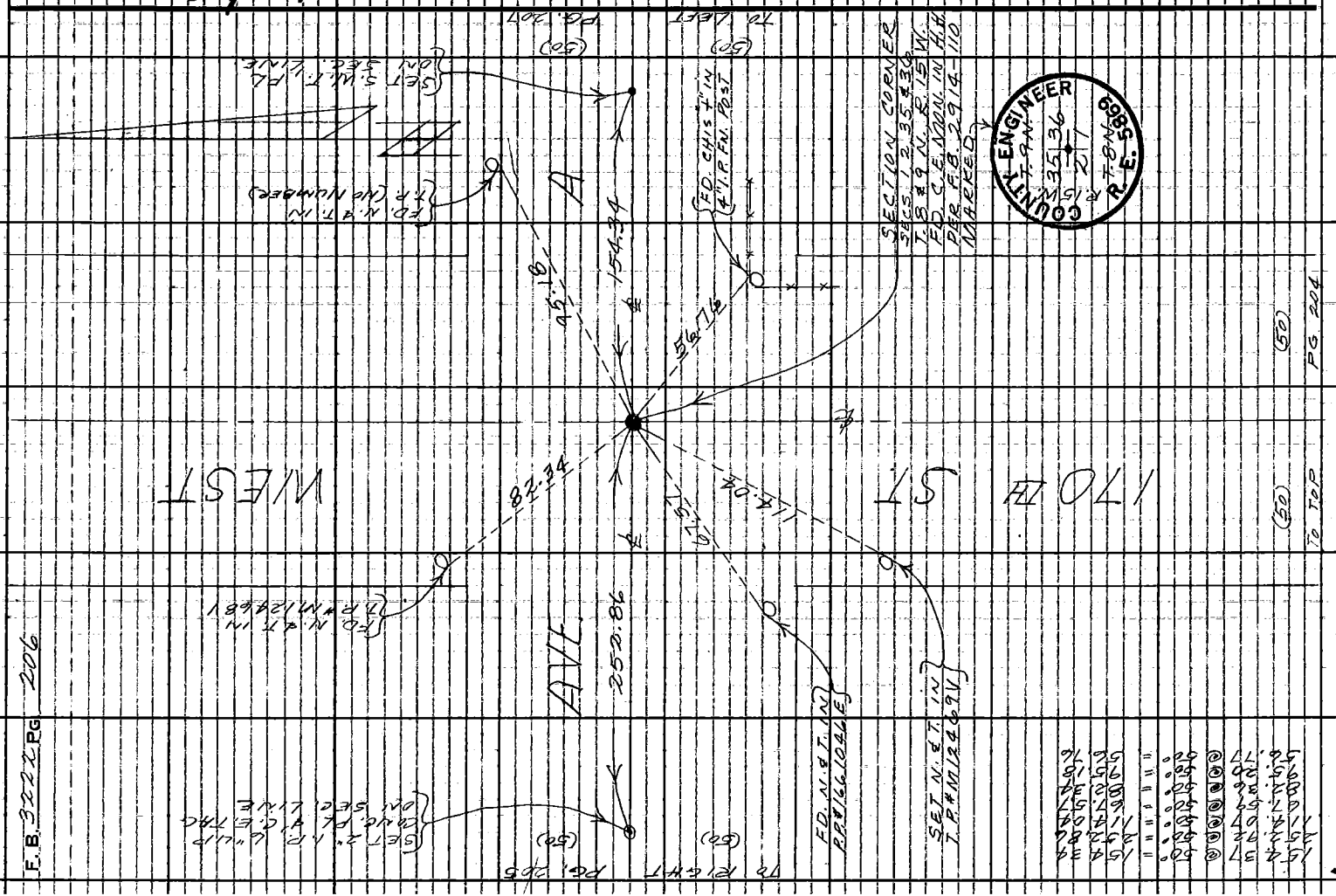
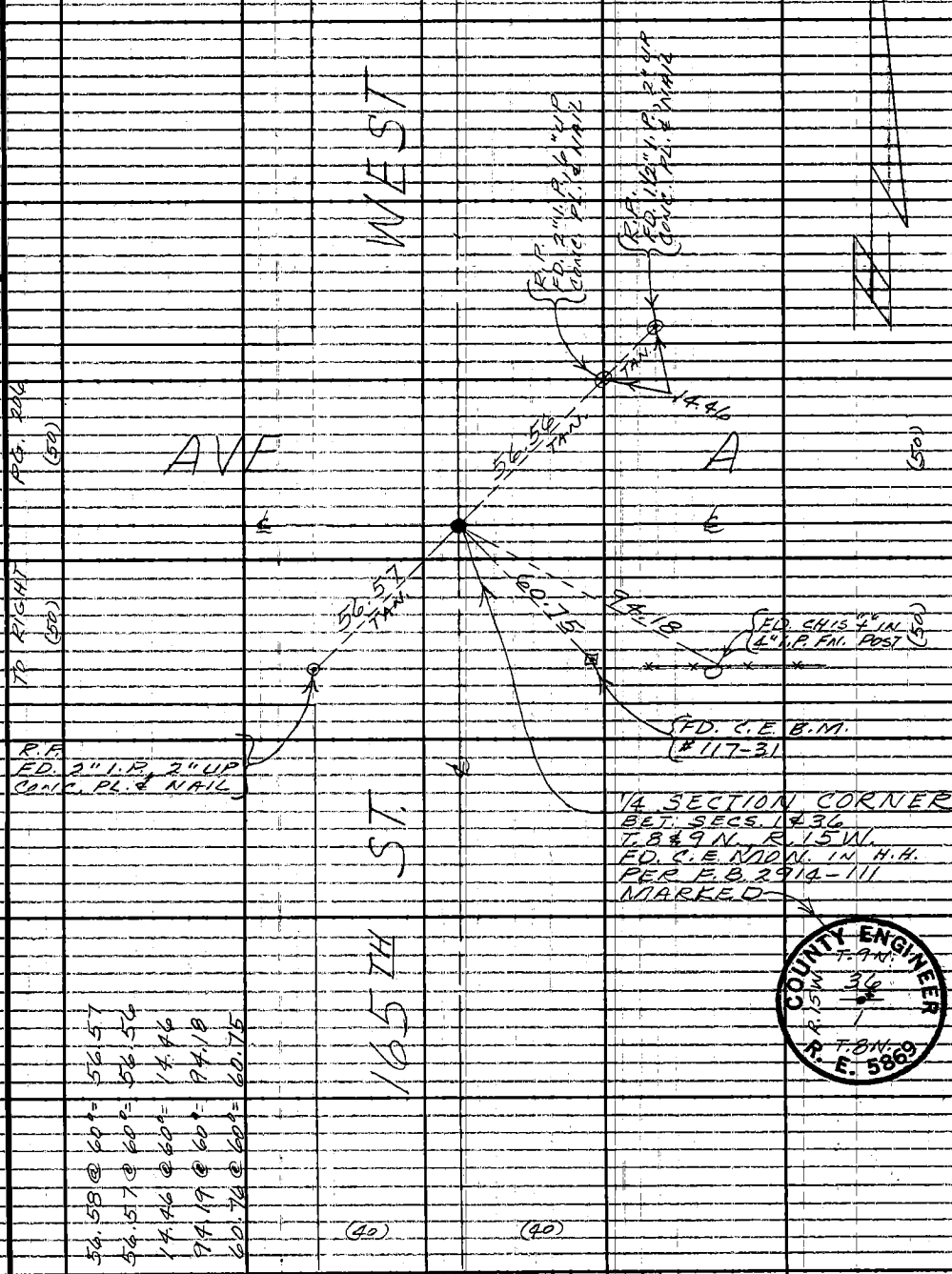
W.S. 72, A-1



Notes Ck'd by	Survey of 170TH ST. W.	F.B. 3222 PG. 207
Map No.	JN 0302.01 Tape 233 Std 84°F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 2-3-67	
Date	Indexed G. J. GALLI	



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W.S. 72, 8-1

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76F309S CE#310 1-65

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

Survey of 160TH ST. W
JN 0097.50 Tape 68 Std 84 °F
Surveyed, by W J Voge
Notes Voge Date 6-24-69
Indexed C. J. GALLI JL 3-69

F. B. 3222 PG. 209

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DEPARTMENT OF COUNTY ENGINEER
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160TH ST. WEST

JN. 0097.50

References Used: FB 2222
CSB 830-2

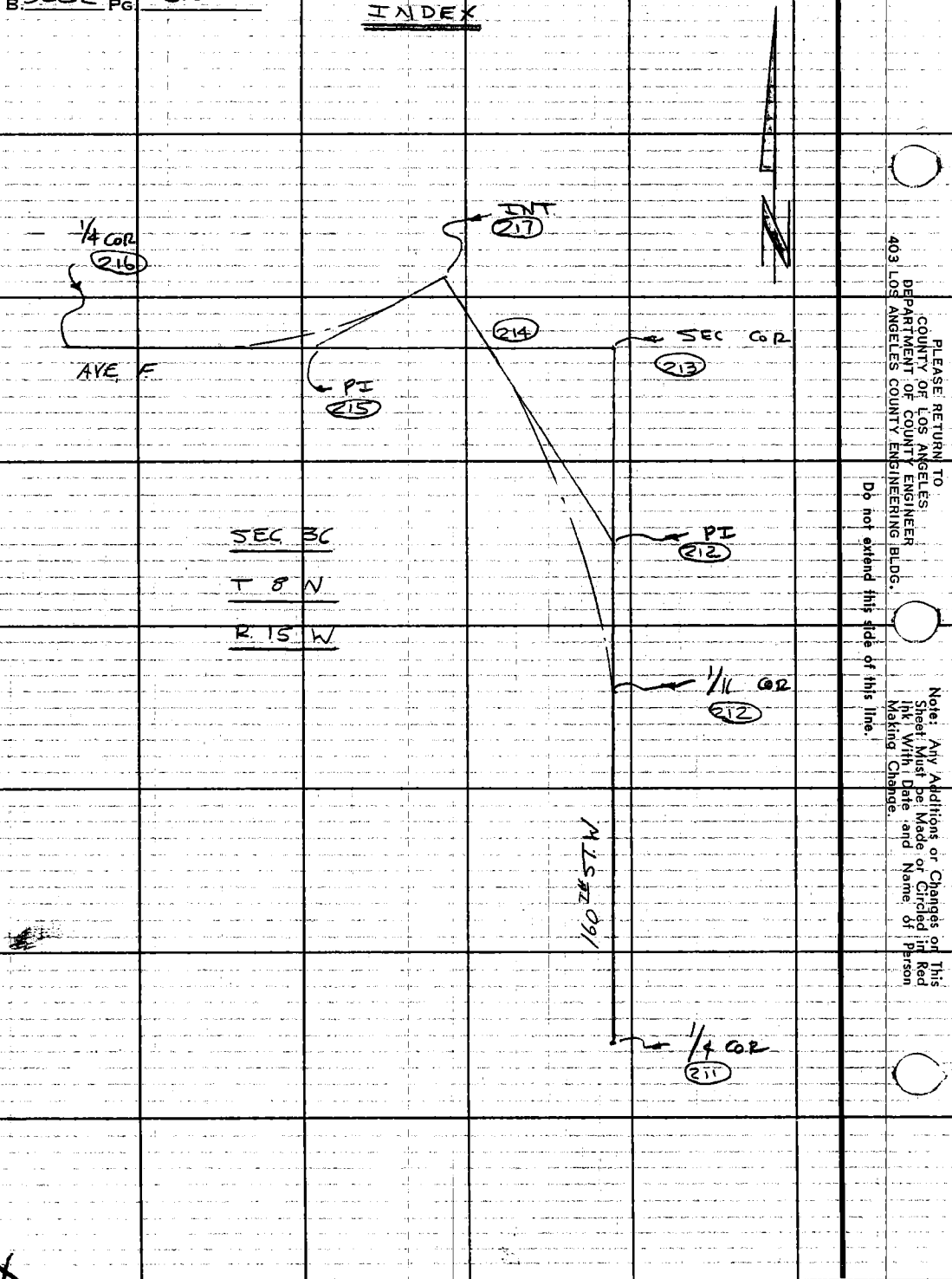
Party: Voge
Hubbard
Sidwell
Hill

76F3095 CE#310 3-68

X

F. B. 3222 PG. 210

INDEX



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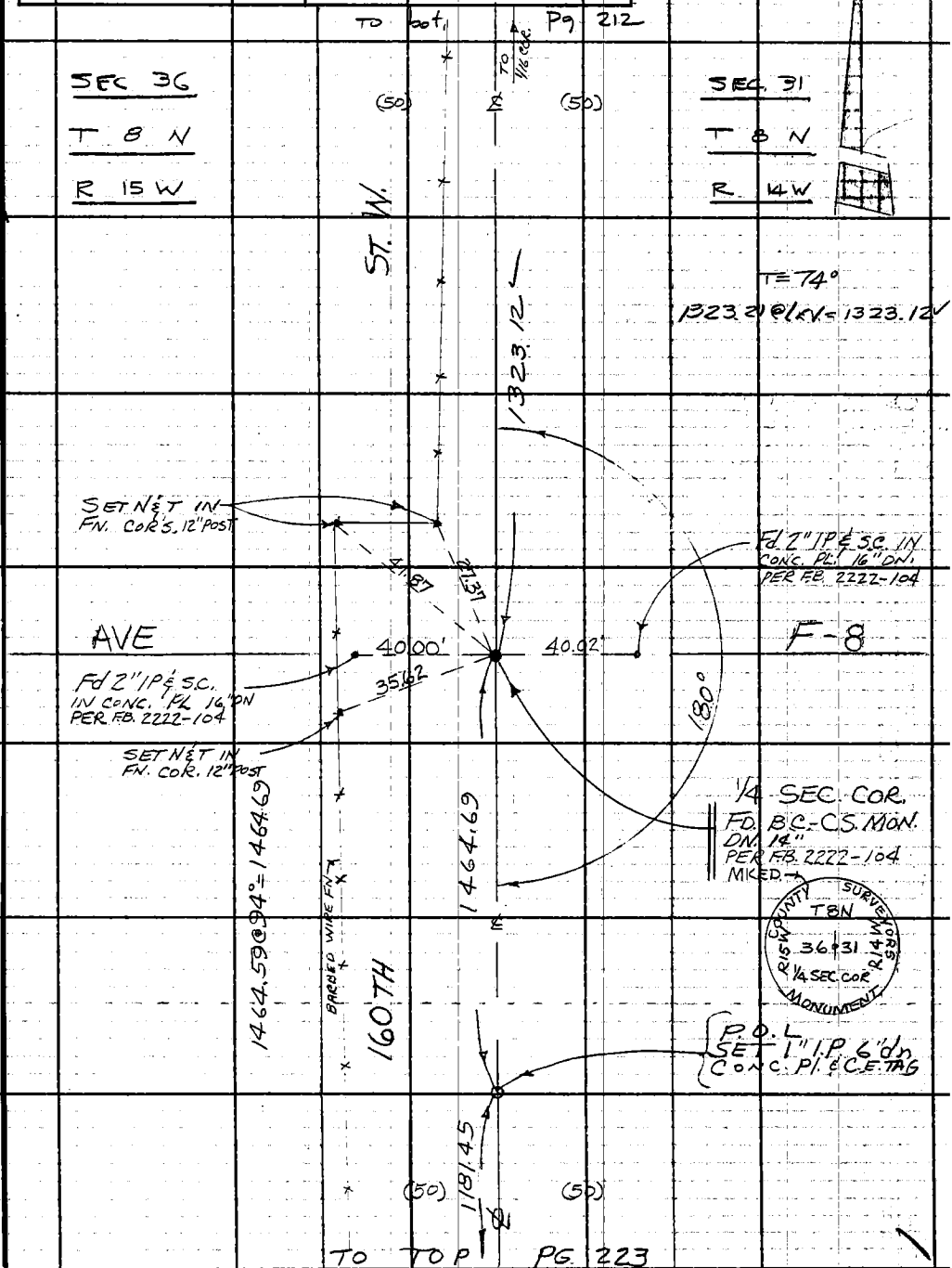
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by G. E. BARR	Survey of 160 TH ST. W.
Map No. B-5234	JN 0097.50 Tape 16 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked R. BARTHOLOMEW	Notes H.C.H. Date 6-17-69
Date 11-74	Indexed C. J. GALLI JL 3.69

F. B. 3222 PG. 211



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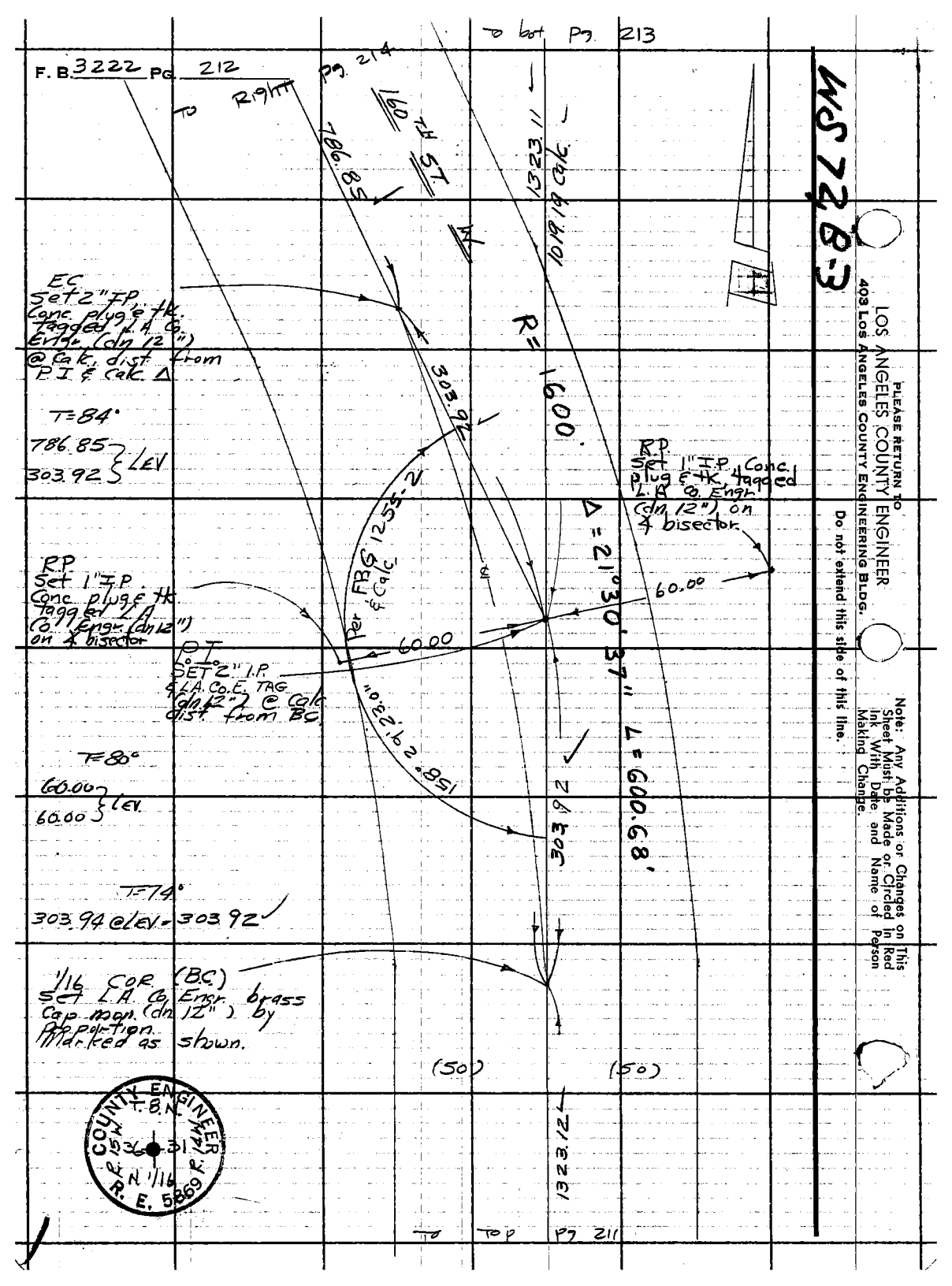
403 LOS ANGELES COUNTY ENGINEERING BLDG.

WS72, B-3

76F309S CE # 310 3-61



To bot Pg. 213
F. B. 3222 Pg. 212
To Right Pg. 214
160 TH ST.
786.85
1323.11
1019.19 Calc.
EC
Set 2" I.P. Conc. plug & tk. Tagged L.A. Co. Engr. (dn 12") @ Calc. dist. from P.I. & Calc. Δ
T=84°
786.85
303.92
LEV
R=1600'
303.92
R.P.
Set 1" I.P. Conc. plug & tk. tagged L.A. Co. Engr. (dn 12") on ∡ bisector.
Δ=21°30'37"
60.00
Per FBG 1255-2 & Calc.
R.P.
Set 1" I.P. Conc. plug & tk. Tagged L.A. Co. Engr. (dn 12") on ∡ bisector
60.00
P.I.
SET 2" I.P. & L.A. Co. E. TAG (dn 12") @ Calc. dist. from BC
158°29'23.0"
L=600.68'
T=80°
60.00
60.00
LEV.
303.92
T=74°
303.94 @ LEV = 303.92
1/16 COR. (BC)
Set L.A. Co. Engr. brass Cap mon. (dn 12") by Proportion. Marked as shown.
(50)
(50)
1323.12
COUNTY ENGINEER
T. 8 N.
R. 15 W.
R. 14 W.
36
31
N 1/16
R. E. 5869
To Top Pg 211
WS 72 B-3
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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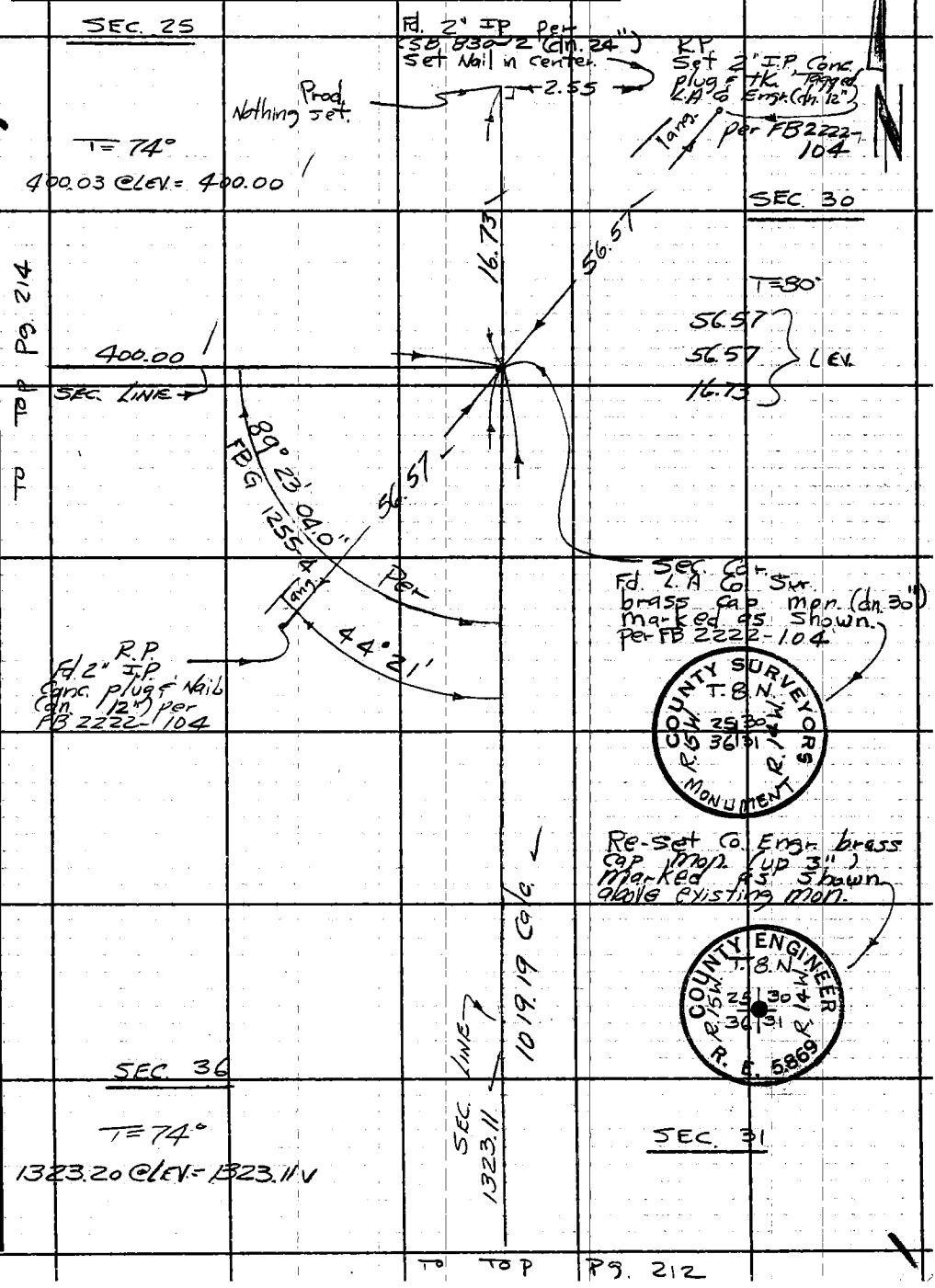
Notes Ck'd by G. E. BARR	Survey of 160TH ST. W.	F. B. 3222 PG. 213
Map No. B-5234	JN 0097.70.50 Tape 168 Std. 84 °F	
Office Work	Surveyed by W.J. Voge	
Checked R. BARTHOLOMEW	Notes Voge Date 6-17-69	
Date 11-74	Indexed C. J. GALLI III 3 '69	

W.S. 72, B-3



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F. B. 3222 Pg. 214

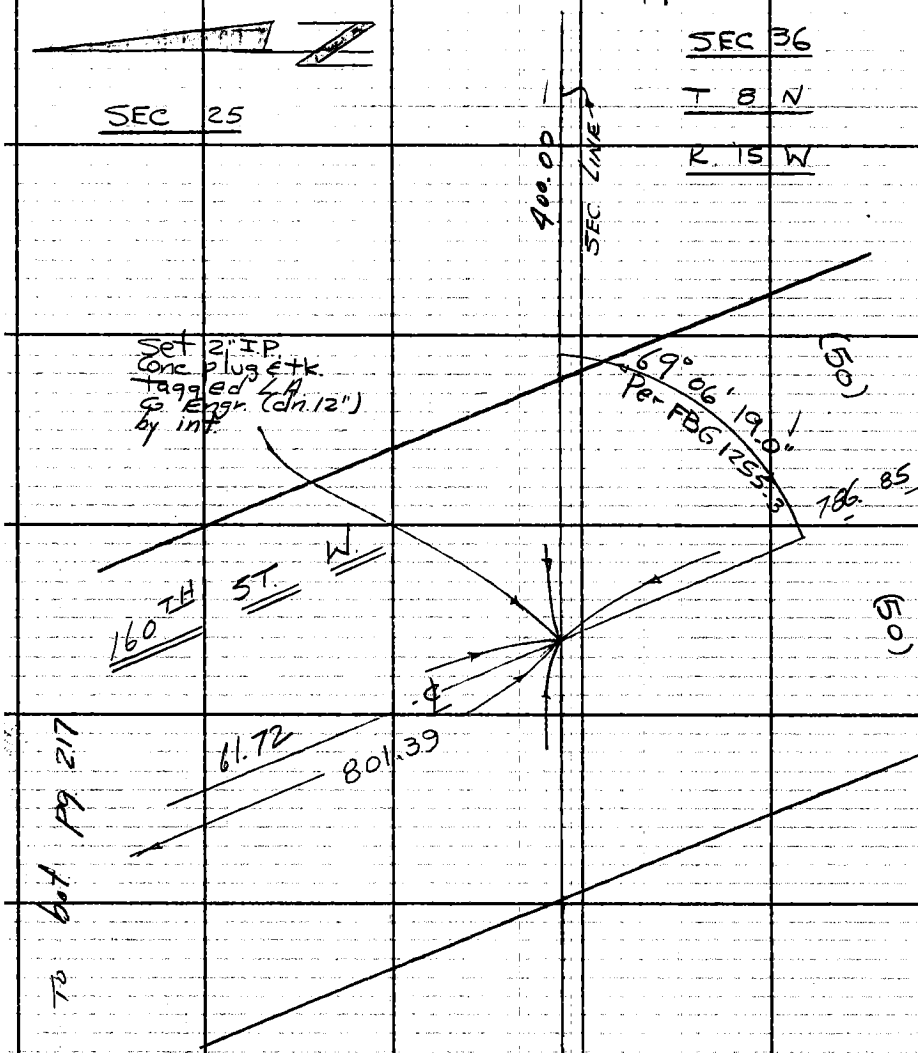
To Left Pg. 213

SEC 36

T 8 N

R 15 W

SEC 25



284.59 @ 96° 42' 00" = 282.65
284.76 @ 96° 59' 40" = 282.64

Level 518.68
801.32
T = 98° .07
801.39

T = 84°

281.73 @ Lev. = 281.73

To Top Pg. 215

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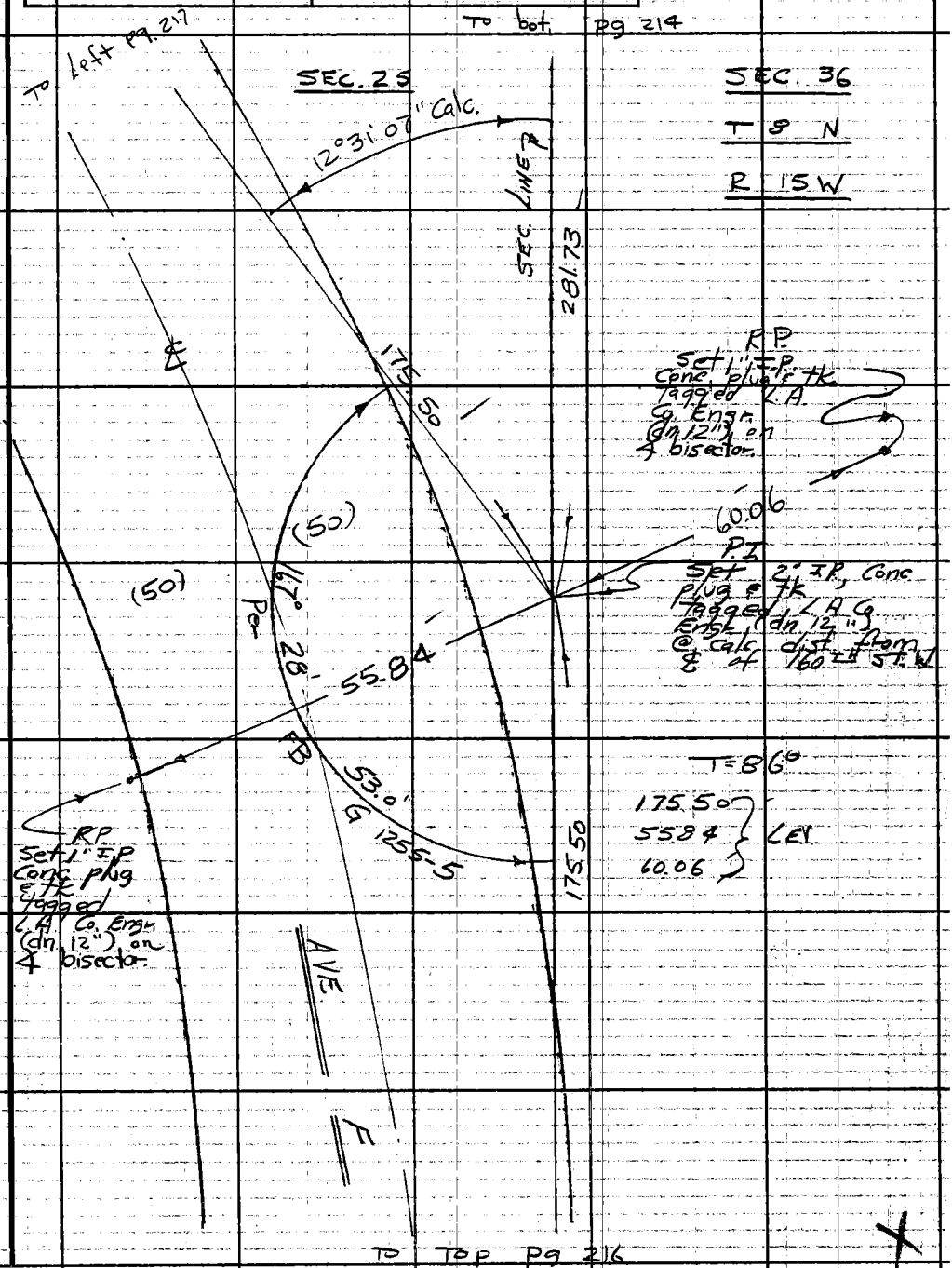
Notes Ck'd by G. E. BARR	Survey of 160th ST. W	F. B. 3222 Pg. 215
Map. No. 8-5234	JN 0097.70 50 Tape 168 Std 84 °F	
Office Work	Surveyed by W J Voge	
Checked R. BARTHOLOMEW	Notes Voge Date 6-30-69	
Date 11-74	Indexed C. J. GALLI JUL 3 '69	



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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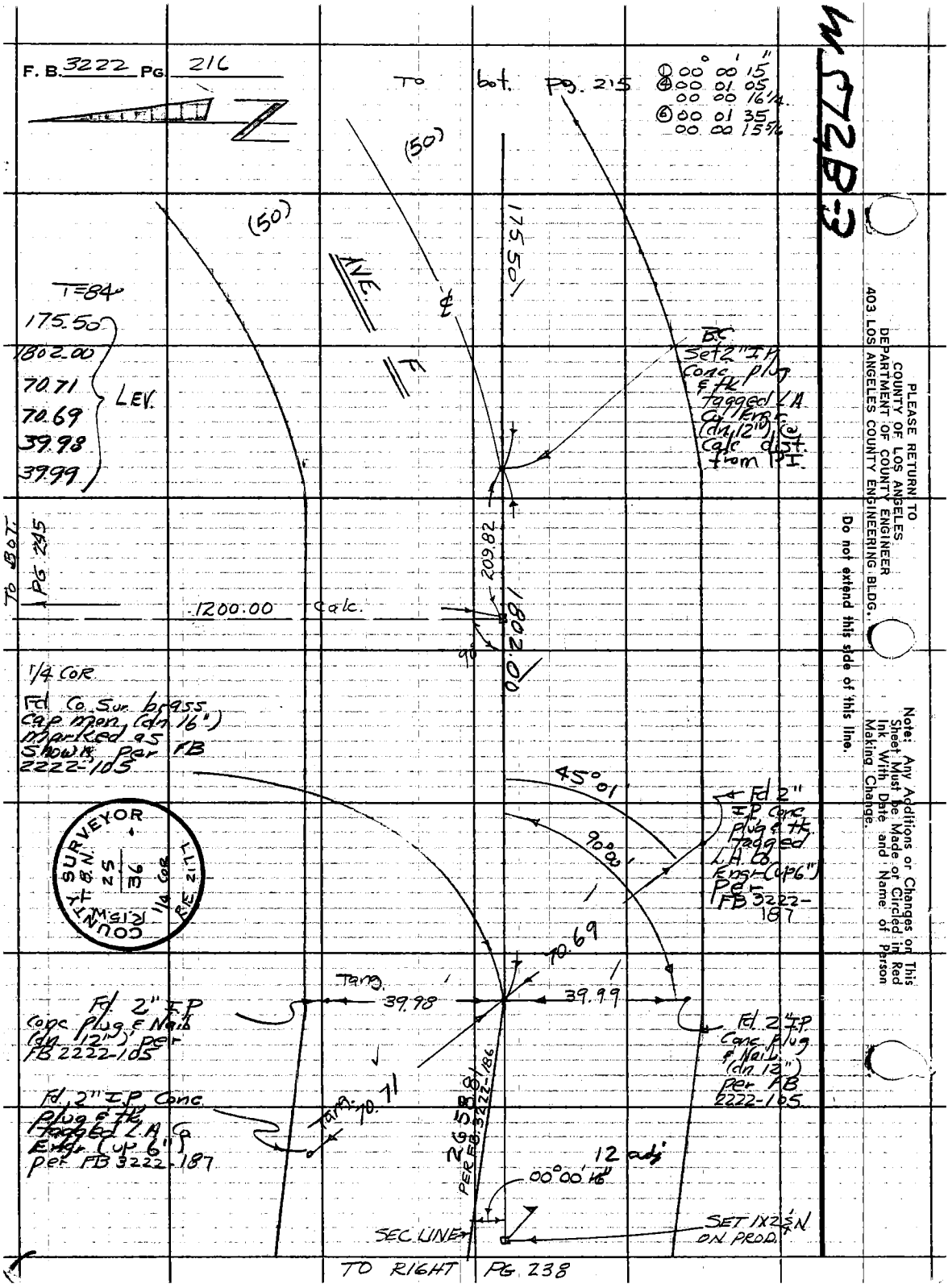
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68


F. B. 3222 PG. 216
To bot. Pg. 215
① 00° 00' 15"
④ 00 01 05
00 00 16¼
⑥ 00 01 35
00 00 15⅝
(50)
(50)
175.50
AVE.
℄
F
T=84°
175.50
1802.00
70.71
70.69
39.98
39.99
LEV.
BC
Set 2" I.P. Conc. plug & tk. tagged L.A. Co. Engr. (dn. 12") @ calc. dist. from P.I.
To BOT. PG 245
209.82
1200.00 calc.
1802.00
90°
1/4 COR.
Fd. Co. Sur. brass cap mon. (dn. 16") marked as shown per FB 2222-105
45°01'
90°00'
Fd. 2" I.P. Conc. plug & tk. tagged L.A. Co. Engr. (up 6") per FB 3222-187
COUNTY SURVEYOR
R.15 W. T. 8 N.
25
36
1/4 COR
R.E. 2177
70.69
Tang.
39.98
39.99
Fd. 2" I.P. Conc. plug & Nail (dn. 12") per FB 2222-105
Fd. 2" I.P. Conc. plug & Nail (dn. 12") per FB 2222-105
Fd. 2" I.P. Conc. plug & tk. tagged L.A. Co. Engr. (up 6") per FB 3222-187
Tang.
70.71
265.81
PER FB 3222-186
12 adj.
00°00'16"
SEC. LINE
SET 1X2 & N ON PROD.
TO RIGHT PG. 238
PLEASE RETURN TO
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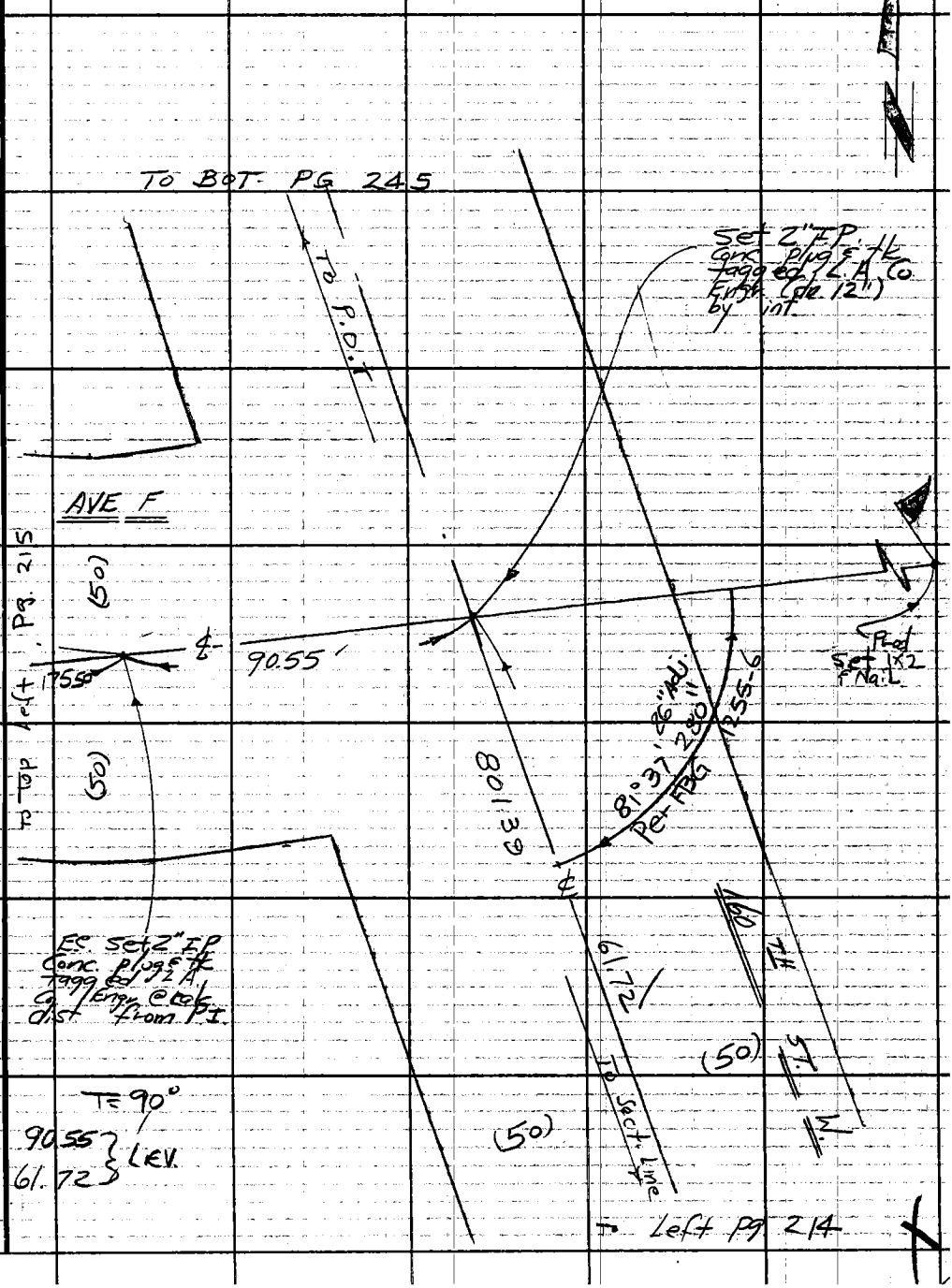
M 572 B-3

Notes Ck'd by G. E. BARR	Survey of 160TH ST. W	F. B. 3222 PG. 217
Map No. 8-5234	JN 0097 ~~70~~ 50 Tape 168 Std 84 °F	
Office Work	Surveyed by W.J. Voge	
Checked R. BARTHOLOMEW	Notes Voge Date 6-30-69	
Date 11-74	Indexed C. J. GALLI JUL 3 '69	



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76F3095 CE#310 3-68

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

Survey of 160TH ST. W
JN 0097.50 Tape 10 Std 84 °F
Surveyed by JSC
Notes HCH Date 7-71
Indexed C. J. GALLI OCT 20 '71

F. B. 3222 Pg. 219

J.N. 009750

160TH. ST. WEST

CENTER-LINE SURVEY

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COATES
HUBBARD
BATTEL
CROWE
ADAMS

Indexed & checked
IN A.V.R.O. BY J.A. Adams

76F309S CE#310 3-69

F. B. 3222 PG. 220

170TH ST. W.

160TH ST. W.

150TH ST. W.

AVE D

AVE E

AVE F

AVE G

LANCASTER Rd.

250 251 253 254 255

249 252 256

240 248 246 247 242

239 244 241

243 258 259 245

238 216 214 237 213 230 229 257 217 212

236 235 211 228

236 234 223 227 226

222 232

221 224 231 225

24 19

25 30

36 31

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Notes Ck'd by C. WRIGHT	Survey of 160th ST. W
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F
Office Work J. ALFRED	Surveyed by JS COATES
Checked R. BARTHOLOMEW	Notes JSC Date 7-15-71
Date 11-74	Indexed C. J. GALLI OCT 20 71

F. B. 3222 PG. 221

JAA

WS 72 B-3

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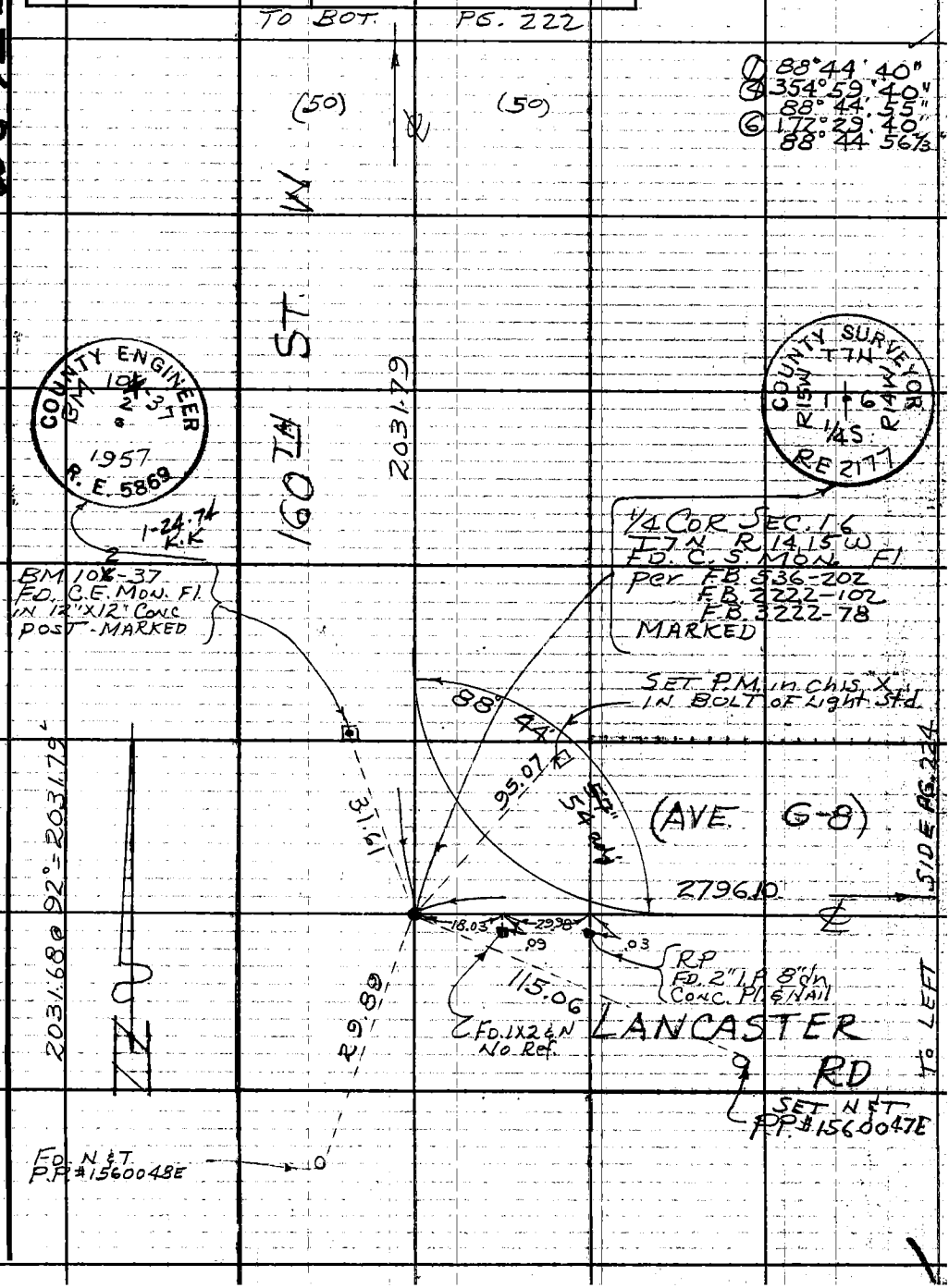
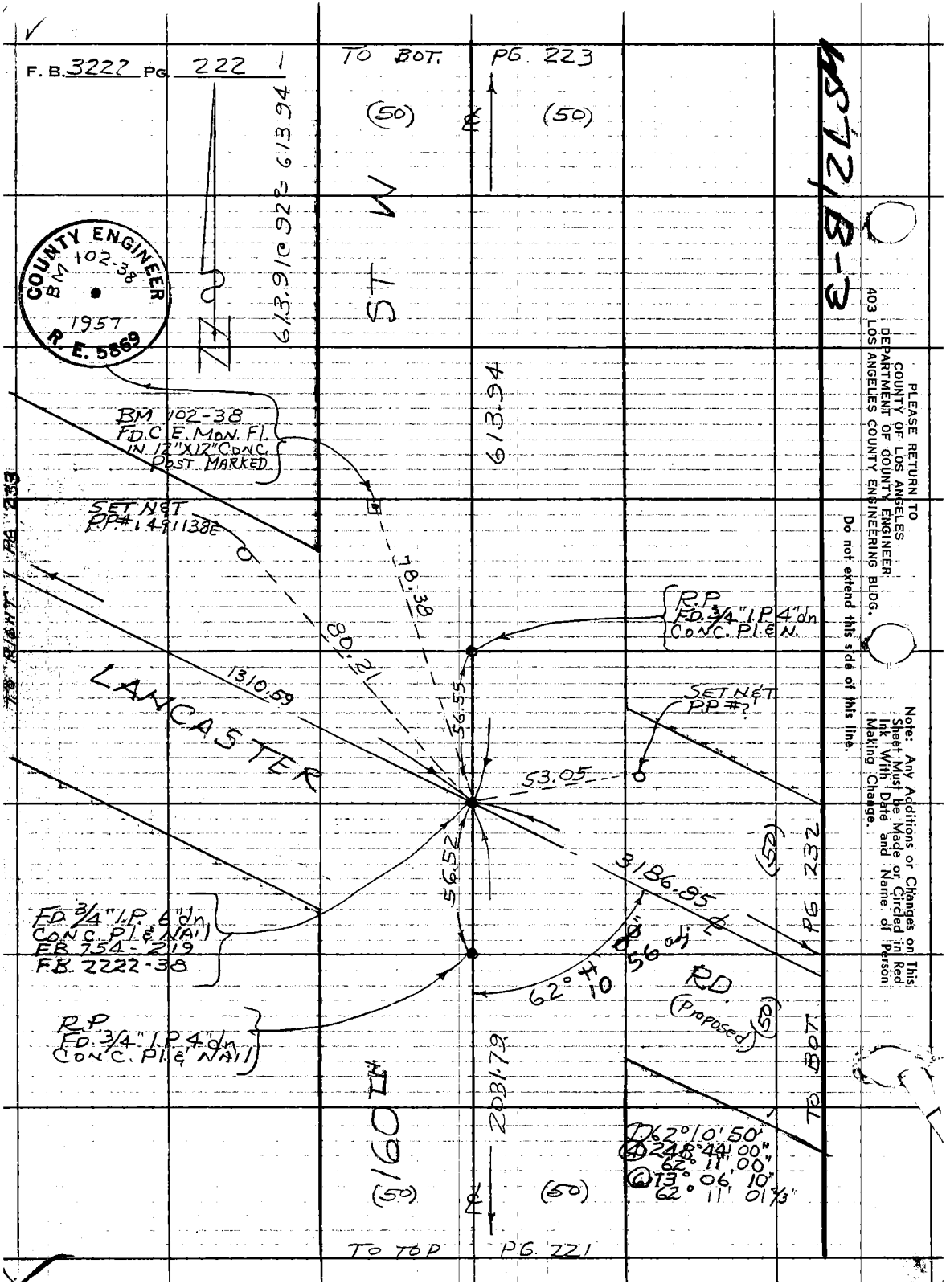
403 LOS ANGELES COUNTY ENGINEERING BLDG.



76F309S CE#310 3-69


F. B. 3222 PG. 222
TO BOT. PG. 223
(50)
(50)
613.91 @ 92° = 613.94
ST W
COUNTY ENGINEER
BM 102-38
1957
R. E. 5869
613.94
BM 102-38
FD. C. E. MON. FL.
IN 12"X12" CONC.
POST MARKED
SET N&T
P.P. #1491138E
78.38
80.21
R.P.
FD. 3/4" I.P. 4" dn
CONC. PL. & N.
1310.59
LANCASTER
56.55
SET N&T
P.P. #?
53.05
56.52
3186.95
(50)
PG. 232
FD. 3/4" I.P. 6" dn
CONC. PL. & NAIL
F.B. 754-219
F.B. 2222-38
62° 10' 56" adj
RD.
(Proposed)
(50)
R.P.
FD. 3/4" I.P. 4" dn
CONC. PL. & NAIL
2031.79
160 ±
TO BOT.
(50)
(50)
TO TOP PG. 221
PLEASE RETURN TO
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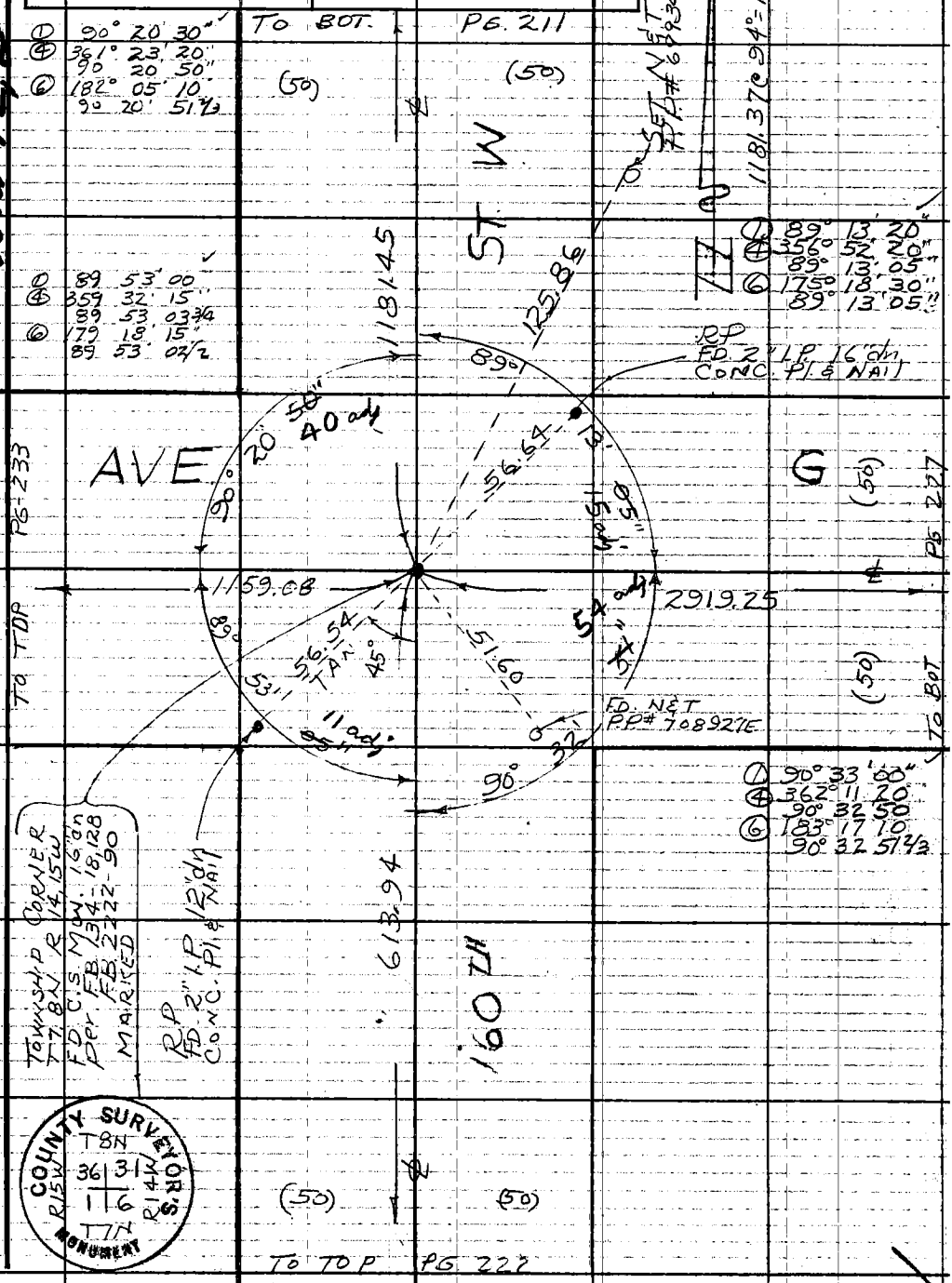
Notes Ck'd by C. WRIGHT	Survey of 160th ST W
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F
Office Work J. Alfred	Surveyed by JS COATES
Checked R. BARTHOLOMEW	Notes JSC Date 7-15-71
Date 11-74	Indexed E. J. GALLI OCT 20 '71

F. B. 3222 PG. 223

JAA

W.S. 72 B-3



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F.B. 3222 Pg. 224

2795.88 @ 96° = 2796.10

69.19 @ 96° = 69.20

TO RT. SIDE PG. 232

103.01 @ 78° 39' 40" = 101.00'
103.32 @ 282° 11' 00" = 100.99

53.72 @ 112° 52' 20" = 49.50
53.45 @ 112° 11' 40" = 49.49
150.48
T = 96° 01
150.49

COUNTY ENGINEER
T7N
CTR
SEC. 6
R14W
R. E. [redacted]
1-24-74 7078

CENTER SECT. 6
T7N R14W
SET C.E. MON. IN HH
BY INT.
MARKED

FD. 2" I.P. 2" on
CONC. PLG RCE 10533
NO Ref.

484.07

R.P.
SET 2" I.P. 6" UP
CONC. PLG C.E. TAG

PG. 221

(50) (AVE. 6-8)

2796.10

0.25

45°

10.71

666.55

(50) PG. 231

TO RT. SIDE

(50)

LANCASTER

TAN 70.71

66.84

22½°

RD

(50)

TO BOT.

93°

55TH

RP
SET 2" I.P. 6" UP
CONC. PLG C.E. TAG

B.M. 102-36A
FD. C.E. MON. FL.
ON 12" X 12" CONC. POST
MARKED

107° 54' 20"
71° 37' 20"
107° 54' 20"
287° 26' 10"
107° 54' 21½"

93° 57' 30"
15° 49' 30"
93° 57' 22½"
203° 44' 10"
93° 57' 21½"

U.S. COAST & GEODETIC SURVEY
TRIANGULATION STATION
WRITE TO THE DIRECTOR, WASHINGTON, D.C. 20230 FOR INFORMATION CONCERNING THIS MONUMENT
SPECHT
1932

COUNTY ENGINEER
BM 102-36A
1967
R. E. 5869

107°

SET IX28N

26.27

154.

SET 1" I.P. 2" UP
CONC. PLG C.E. TAG
BY INT

33"

69.20

150.49

U.S. COAST & GEODETIC SURVEY
TRIANGULATION STATION
WRITE TO THE DIRECTOR, WASHINGTON, D.C. 20230 FOR INFORMATION CONCERNING THIS MONUMENT
IVERS
1964

To Station "SPECHT"
See Ref. 1869
DS 8-6

1/4 Cor. 6, 7
T7N R14W
FD. C.S. MON. FL.
per FB. 1838-6
CSB 1073-1
MARKED.

COUNTY SURVEYOR
T7N
6
R14W
7
1/4 COR
RE 2177

LKH L-4
"IVERS"
FD. BRASS-CAP MON.
SET IN 12" X 12" CONC. POST
MARKED

MS 72-84

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

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

JAA

W.S. 72 B-3

Notes Ck'd by C. WRIGHT	Survey of 160TH ST. W
Map No. 8-52 34	JN 009750 Tape 10 Std 84 °F
Office Work J. Alfred	Surveyed by JS COATES
Checked R. BARTHOLOMEW	Notes JSC Date 7-22-71
Date 11-74	Indexed K. J. GALLI 07 20 71

F. B. 3222 Pg. 225

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76F309S CE#310 3-69

FD. 2" I.P. 2" UP
CONC. PI. & TAG
RCE 10533
NO Ref.

93° 26' 50"
93° 47' 20"
93° 26' 50"
200° 41' 10"
93° 26' 51⅓"

TO BOT.

PG. 226

(50) 1296.01

.06

ST. W.

FD. 2" I.P. & "M" CONC. PI. & NAIL

FD. 5/8" I.P. #15600175

1295.51

52

49.99

34.39

P.O.T.
FD. B.S. W. & T.
FB. 2222-37

93

26

(AVE.

PG. 231

(50)

1048.71

477.65

TO TOP

(50)

LANCASTER

1-28-74

12.98

N 22° 14' W

FD. NAIL & T.S. #15600225

300.01

1/4 COR. SECT. 5, 6
T 7N R 14W
FD. C.E. MON. in H.H.
per FB. 2222-36
MARKED

COUNTY ENGINEER
T 7N
R 14W
6 | 5
R.E. 5869
1/4 COR

COUNTY SURVEYOR
W.C.
RE 2177

P.O.C.
FD. S. MON. & T.S. 573
PER F.B. 2222-36
MARKED

150TH

FD. 2" I.P. & "M" CONC. PI. & NAIL

FD. U.S.G.S. BRASS CAP IN 6" X 6" POST & "UP" MARKED "R 39 1929"

G-8

RD.

Level

300.83 @ 3° 53' 30" =	300.16	695.79
300.85 @ 3° 53' 30" =	300.16	1295.96
300.07 @ 0° 46' =	300.03	.05
300.05 @ 0° 46' =	300.02	1296.01

T = 90°

1295.46 @ 90° = 1295.51
4776.3 @ 92° = 477.65
1048.66 @ 92° = 1048.71

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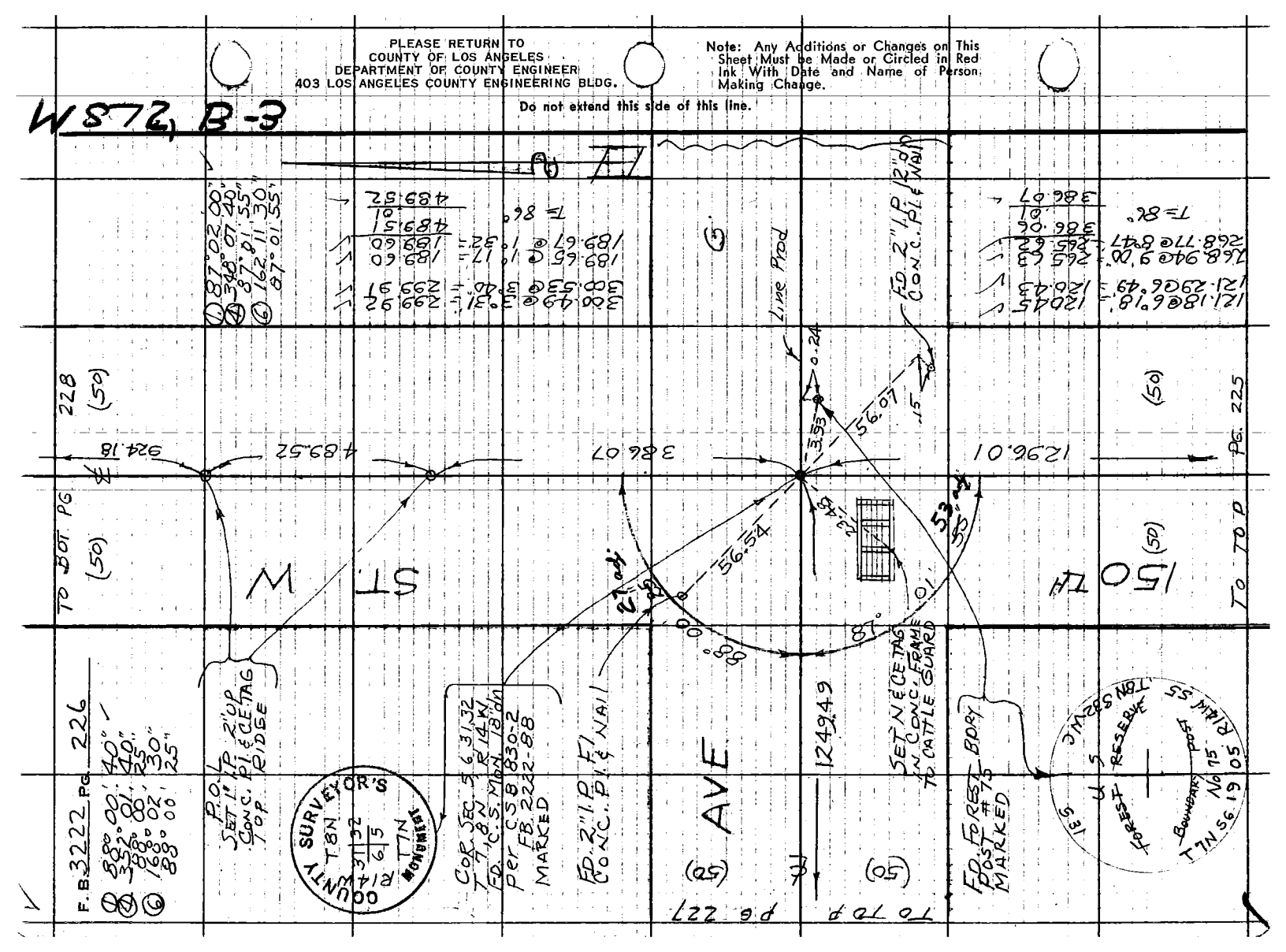
WS72, B-3



JAA

W.S. 72, B-3

Notes Ck'd by C. WRIGHT	Survey of 160th ST. W
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F
Office Work J. Alfred	Surveyed by J S COATES
Checked R. BARTHOLOMEW	Notes JSC Date 7-21-71
Date 11-74	Indexed E. J. GALLI OCT 20 '71

F. B. 3222 PG. 227

1 93° 28' 40"
4 13° 54' 50"
93° 28' 42½"
(6) 200° 52' 10"
93° 28' 41⅔

TO LEFT SIDE PG 226

(50) (50)

1249.49

P.O.L.
FD 1X2 & N
FB 2222-88
REPLACED WITH
1" I.P. 2" UP
CONC. PL & CE. TAG

COUNTY SURVEYOR'S
T8N 31 6
R14W 1/4 SEC COR T7N
MONUMENT

1/4 COR SEC. 6, 31
T7, 8N R14W
FD C.S. MON. 12" dn
per F.B. 134-56, 123
F.B. 2222-89

1393.87

93°

28'

RP
FD 2" I.P. 12" dn
CONC. PL & NAIL

37.04

155TH ST W

40.02

TAN
40.02

FD 2" I.P. 10" dn
CONC. PL & NAIL

50 at 12131.07

80

44

45

86°

TO LEFT SIDE PG 232

(1) 86° 45' 20"
(4) 346° 59' 50"
86° 44' 57½"
(6) 160° 30' 00"
86° 45' 00"

301.21@7°16' = 298.79
301.29@7°23' = 298.79
300.09@4°48' = 299.04
300.17@5°00' = 299.03
Level 651.59
1249.41
.08
T=94° 1249.49

300.50@5°29' = 299.12
300.47@5°23' = 299.14
300.97@2°54' = 300.58
300.99@3°01' = 300.57
150.86@4°53' = 150.31
150.79@4°31' = 150.32
Level 643.77
1393.78
.09
T=94° 1393.87

AVE

2919.25

281.66@0°56' = 281.62
281.68@1°06' = 281.63
Level 2637.44
2919.06
.19
T=94° 2919.25

(50) (50)

TO RT SIDE PG 223

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76F309S CE#310 3-69

F. B. 3222 PG 228 TO BOT. PG. 229

COUNTY SURVEYOR'S MONUMENT
T8N
R14W
31 32
1/4 SEC. COR.

MS 72, B-3

ST W

1236.24

1/4 COR. SEC. 31, 32
T8N R14W
FD. C.S. MON. 16" dn
per F.B. 134-74
C.S.B. 830-2
MARKED

P.O.L.
SET 1" I.P. 2" UP
CONC. PI & C.E. TAG

300.15 @ 1°20' = 300.07 ✓
300.17 @ 1°25' = 300.08 ✓

301.04 @ 3°09' = 300.59 ✓
300.97 @ 2°54' = 300.58 ✓

Level 635.48
1236.13
T = 98° .11
1236.24 ✓

① 179°59' 50"
④ 359°59' 10"
179°59' 47½"
⑥ 359°58' 40"
179°59' 46⅔

541.04 @ 98° = 541.09 ✓

RP
SET 2" I.P. 4" UP
CONC. PI & C.E. TAG

F-8

47"

541.09

45° TAN
70.71

59'

AVE

OLD 2 strand barbed wire fence

179°

70.71

RP
SET 2" I.P. 4" UP
CONC. PI & C.E. TAG

845.29

200.38 @ 4°34' = 199.74 ✓
200.29 @ 4°16' = 199.73 ✓

Level 645.55
845.28
T = 86° .01
845.29 ✓

150TH

300.18 @ 8°36' = 296.80 ✓
300.10 @ 8°28' = 296.83 ✓

115.41 @ 7°05' = 114.53 ✓
115.43 @ 7°11' = 114.52 ✓

Level 512.84
924.17
T = 86° .01
924.18 ✓

P.O.L.
SET 1" I.P. 2" UP
CONC. PI & C.E. TAG

924.18

(50) (50)

TO TOP PG. 226

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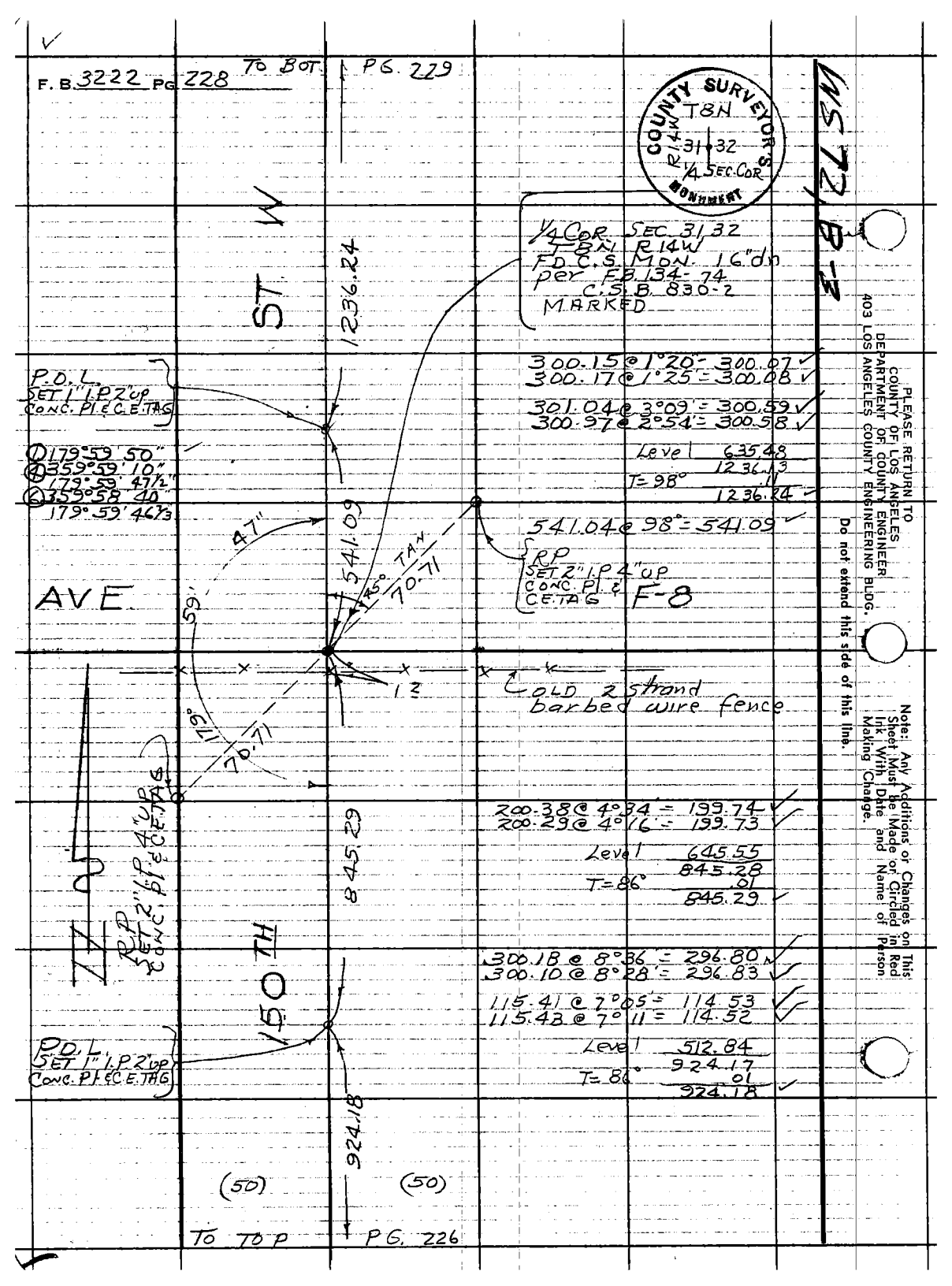

JAA

W.S. 72, B-3

Notes Ck'd by C. WRIGHT	Survey of 160th ST. W
Map No. B-5239	JN 0097.50 Tape 10 Std 84 °F
Office Work	Surveyed by J S COATES
Checked R. BARTHOLOMEW	Notes JSC Date 7-15-71
Date 11-74	Indexed C. J. GALLI OCT 20 '71

F. B. 3222 PG. 229

① 90° 15' 40"
④ 361 03 30
90 15 52½
⑥ 181 35 10
90 15 51⅔

① 90° 29' 55"
④ 361 59 20
90 29 50
⑥ 182 59 05
90 29 50⅚

TO BOT PG 241

(50) (50)

COUNTY SURVEYOR'S MONUMENT T8N R14W 30 29 31 32

COR. SEC. 29,30,31,32
T8N R14W
FD. C.S. MON 16" dn
per F.B. 134-73
C.S.B. 830-2
MARKED

1496.34

SET CHIS X
IN 2" IRON
FENCE POST

SET NET IN 12"X12"
FENCE POST

90° 29' 50" 48 adj

90° 15' 52"

27.70

24.07

1156.76

20.29

AVE F

(50) (50)

PG. 230 PG. 257

1391.32

158.98

TO TOP (50) (50) TO BOT

CALC. 54 adj

① 99° 56' 35"
④ 39 46 50
99 56 42½
⑥ 239 40 15
99 56 42½

99° 56' 42"

SET 1X2 & N

868.16

150TH ST W

P.O.L
SET 1" I.P. 2" UP
CONC. P.L. & C.E. TAG

159.71 @ 5°26' = 158.99
159.59 @ 5°05' = 158.96

Level 709.11
868.08
T=98° .08
868.16

132.62 = 3°01' = 132.80 @ 3°01' = 132.62
132.60 = 3°24' = 132.83 @ 3°24' = 132.60

300.03 = 300.14 @ 1°31' = 300.03
300.04 = 300.17 @ 1°41' = 300.04

298.75 = 300.30 @ 5°49' = 298.75
298.75 = 300.12 @ 5°29' = 298.75

425.28
1156.67
.09
1156.76

Level
T=96°

1236.24

(50) (50)

TO TOP PG 228

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76F309S CE#310 3-69

F. B. 3222 PG 230

TO LEFT SIDE PG 229

(50) (50)

P.O.L. SET 1" I.P. 2" UP CONC. PL. & C.E. TAG

1156.76

7° 46' 50"

COUNTY SURVEYOR'S MONUMENT T8N 30 31 1/4 SEC COR R14W

1506.32

F

1/4 COR 36 31 T8N R14W FD. C.S. MON. FL. per C.S. B. 830-2 F.B. 134-48, 49, 124 MARKED

180°

AVE

779.61

P.O.L. SET 1" I.P. 2" UP CONC. PL. & C.E. TAG

391.00

P.O.L. SET 1" I.P. 2" UP CONC. PL. & C.E. TAG

1452.16

(50) (50)

TO RIGHT PG 237

176.80 @ 0° 47' = 176.78 ✓
176.82 @ 0° 35' = 176.81 ✓

300.68 @ 4° 23' = 299.80 ✓
300.61 @ 4° 12' = 299.80 ✓

300.22 @ 4° 23' = 299.34 ✓
300.30 @ 4° 34' = 299.35 ✓

300.54 @ 6° 13' = 298.77 ✓
300.43 @ 6° 02' = 298.77 ✓

301.01 @ 5° 45' = 299.50 ✓
300.92 @ 5° 33' = 299.51 ✓

Level 132.00
1506.20
T = 96° .12
1506.32 ✓

① 7° 46' 40" ✓
④ 31 07 20
7 46 50
⑥ 46 41 00
7 46 50

155TH ST. W

271.65 @ 7° 51' = 269.10 ✓
271.72 @ 7° 58' = 269.10 ✓

Level 510.46
779.56
T = 94° .05
779.61 ✓

300.85 @ 1° 20' = 300.77 ✓
300.87 @ 1° 27' = 300.77 ✓

Level 90.21
390.98
T = 92° .02
391.00

169.54 @ 01° 19' = 169.50 ✓
169.58 @ 1° 45' = 169.50 ✓

300.40 @ 4° 22' = 299.53 ✓
300.32 @ 4° 10' = 299.53 ✓

300.38 @ 8° 49' = 296.83 ✓
300.30 @ 8° 43' = 296.83 ✓

239.67 @ 4° 21' = 238.98 ✓
239.60 @ 4° 10' = 238.97 ✓

297.46 @ 11° 52' = 291.10 ✓
297.64 @ 12° 03' = 291.08 ✓

126.32 @ 12° 03' = 123.54 ✓
126.19 @ 11° 46' = 123.54 ✓

Level 32.61
1452.07
T = 94° .09
1452.16 ✓

E-8 LSM

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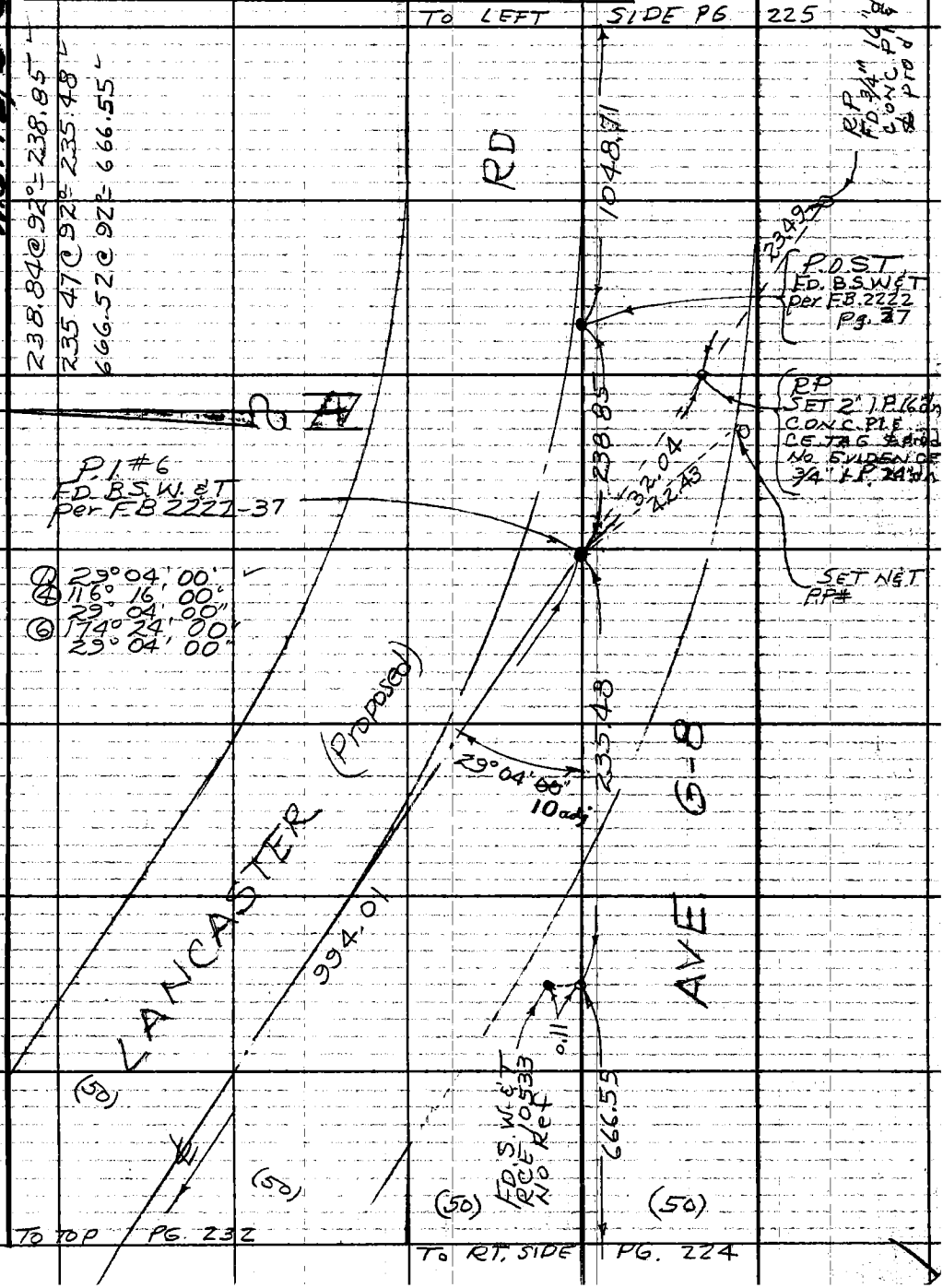
JAA

Notes Ck'd by C. WRIGHT	Survey of 160th ST W
Map No. B-5239	JN 0097.50 Tape 10 Std 94 °F
Office Work	Surveyed by JS COATES
Checked R. BARTHOLOMEW	Notes JSC Date 7-19-71
Date 11-74	Indexed E. J. GALLI OCT 20 '71

F. B. 3222 PG. 231



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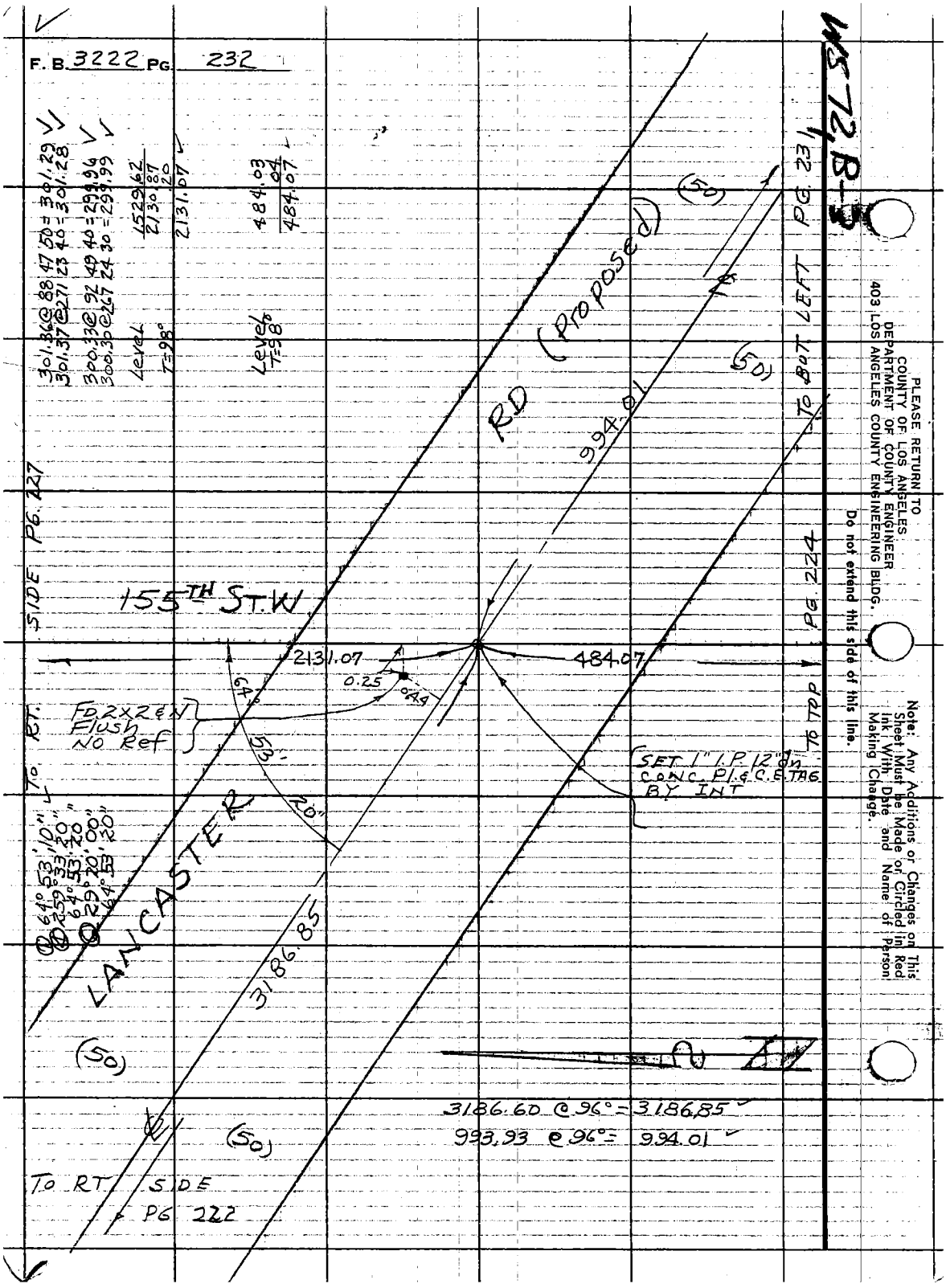
76F309S CE#310 3-68

F. B. 3222 PG. 232



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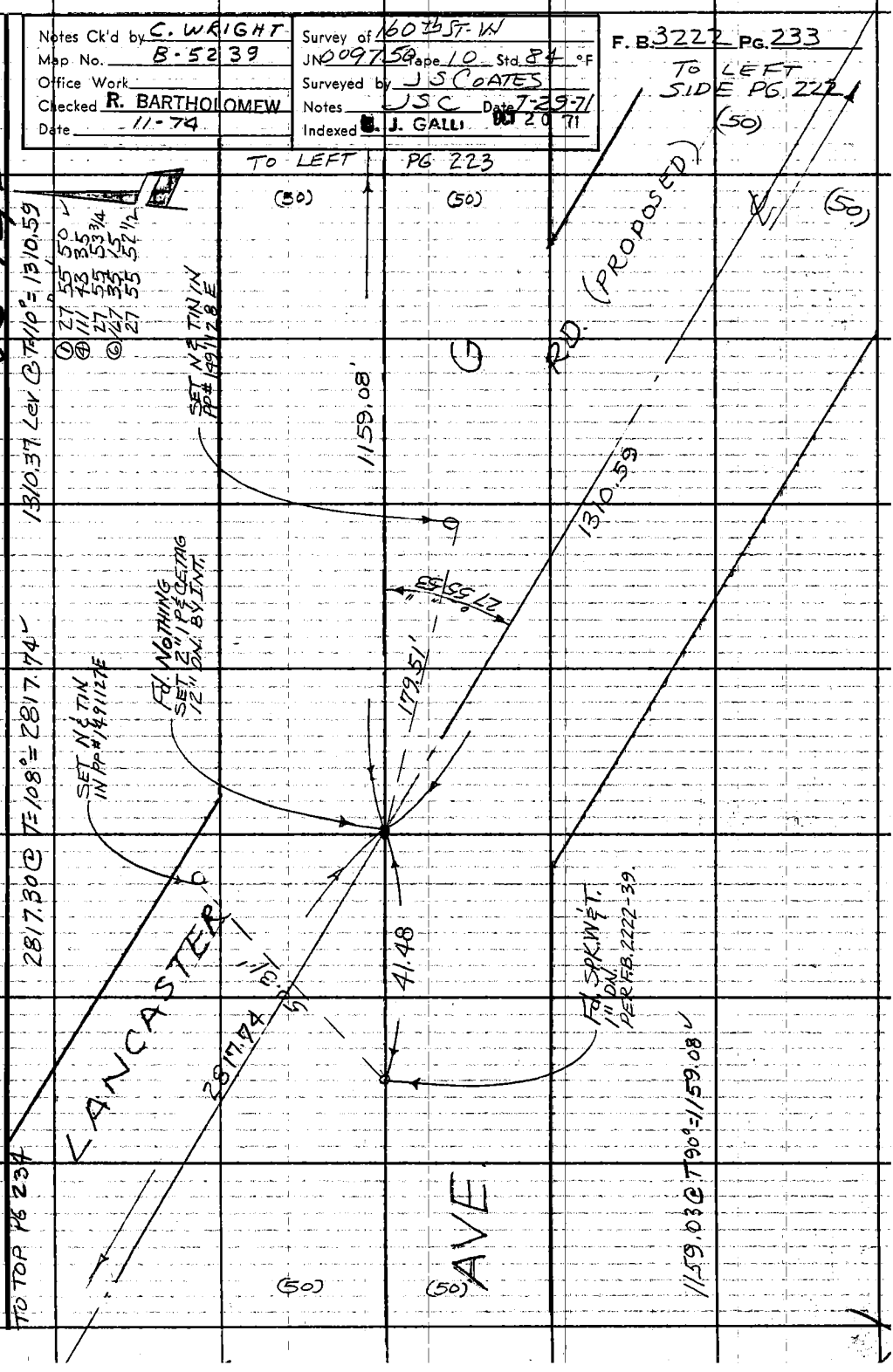
JAA

Notes Ck'd by C. WRIGHT	Survey of 160th ST. W
Map No. B-5239	JN 0097.50 Tape 10 Std. 84 °F
Office Work	Surveyed by J S COATES
Checked R. BARTHOLOMEW	Notes JSC Date 7-29-71
Date 11-74	Indexed J. GALLI OCT 20 71

F. B. 3222 PG. 233



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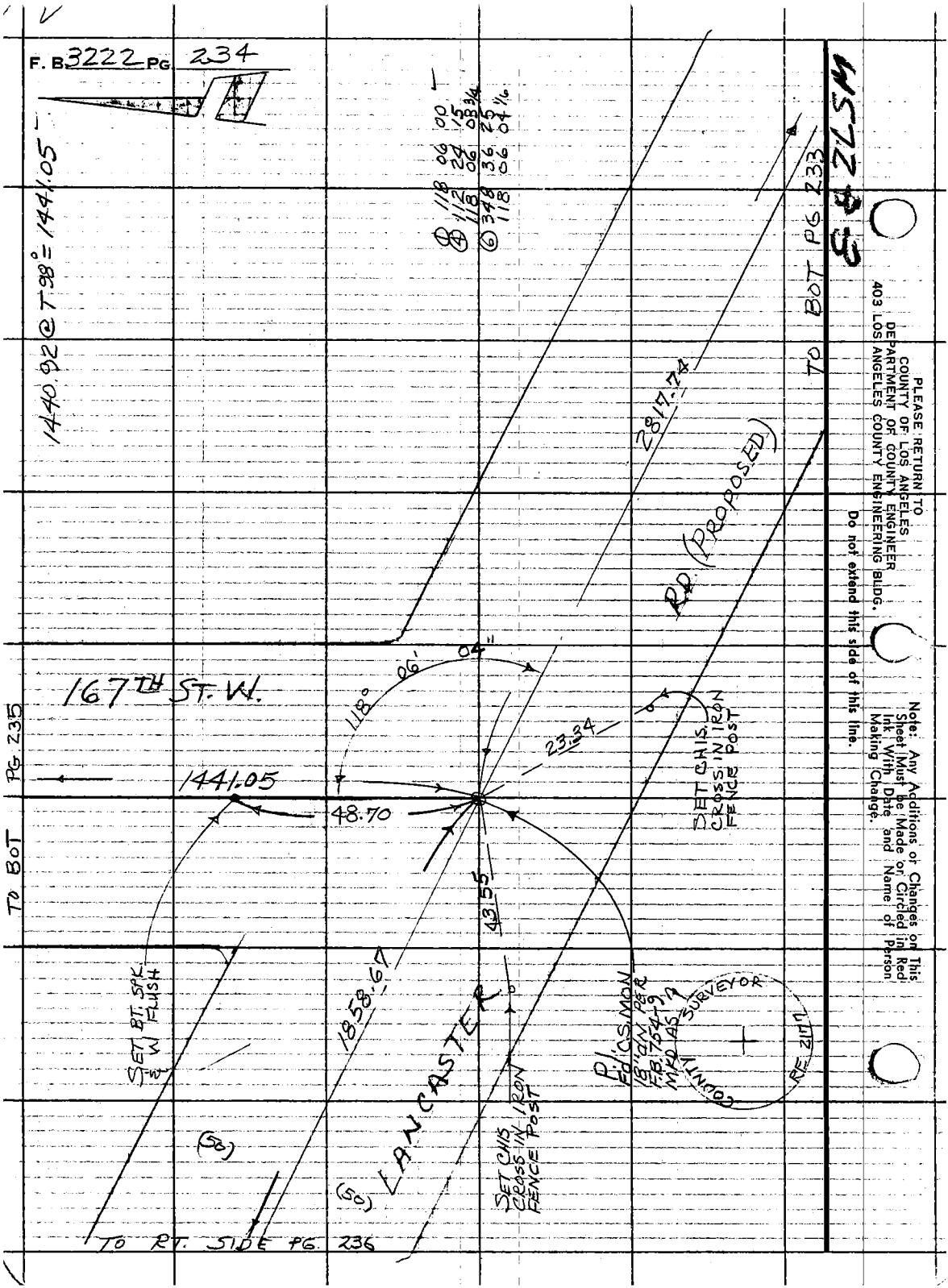
76F3095 CE#310 3-68


F. B. 3222 PG. 234
1440.92 @ T 98° = 1441.05
① 118 06 00
④ 112 24 15
118 06 03 3/4
⑥ 348 36 25
118 06 04 1/6
TO BOT PG 233
2817.74
RD (PROPOSED)
167TH ST. W.
118° 06' 04"
23.34
1441.05
48.70
43.55
1858.67
LANCASTER
SET CHIS. CROSS IN IRON FENCE POST
SET BT. SPK. & W FLUSH
P.I. C.S. MON. 18" d.n. PER F.B. 754-9 MKD AS
COUNTY SURVEYOR
RE 2177
(50)
(50)
TO RT. SIDE PG. 236
TO BOT PG 235
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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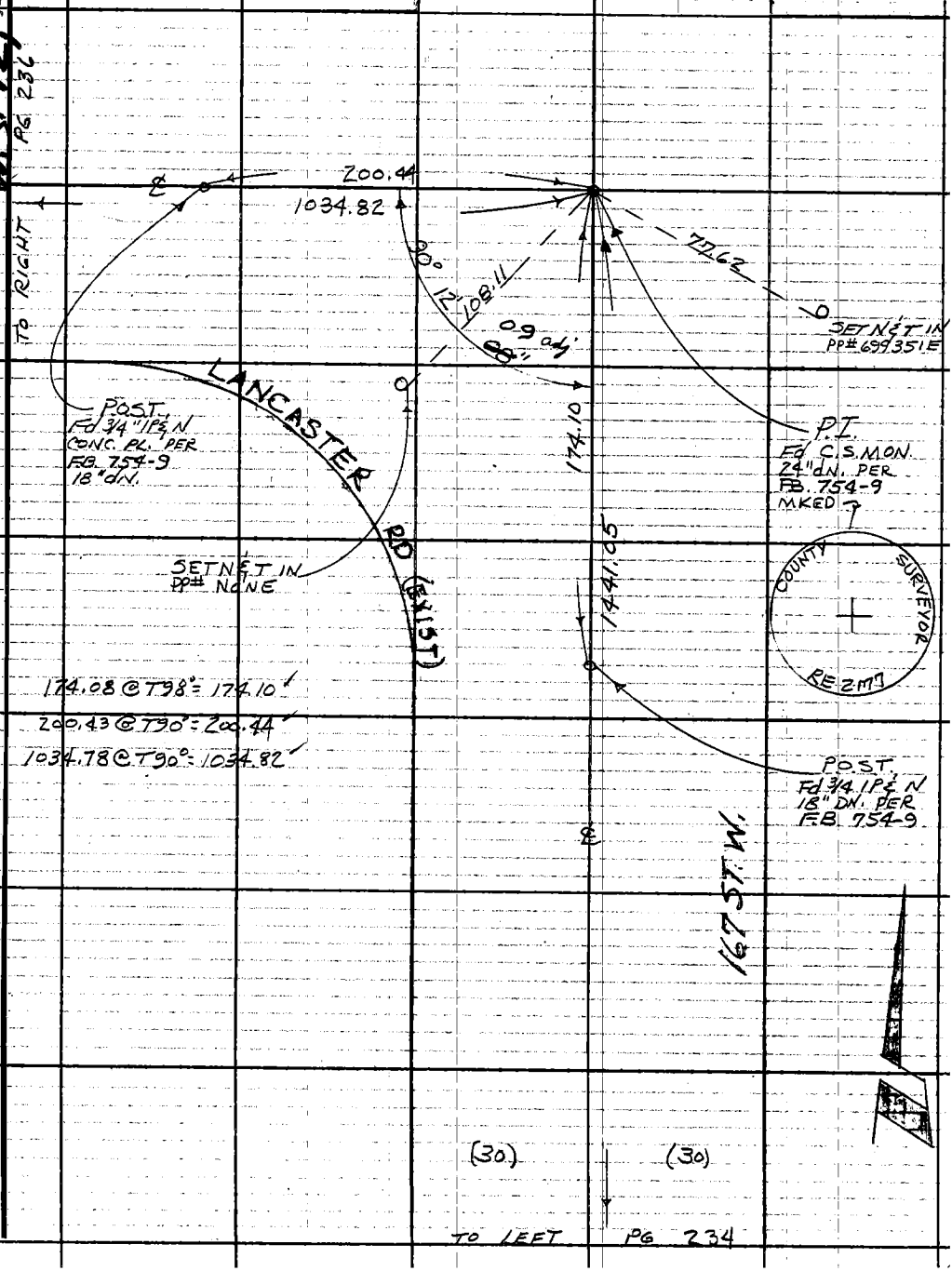
Notes Ck'd by C. WRIGHT	Survey of 160 TH. ST. W.
Map No. B-S 2 34	JN 0097.50 Tape 10 Std 84 °F
Office Work	Surveyed by JSC
Checked R. BARTHOLOMEW	Notes HCH Date 7-71
Date 11-74	Indexed [redacted] J. GALLI OCT 20 71

F. B. 3222 PG. 235

① 90° 12' 05"
④ 360 48 35
90 12 08 3/4
⑥ 181 12 45
90 12 07 1/2



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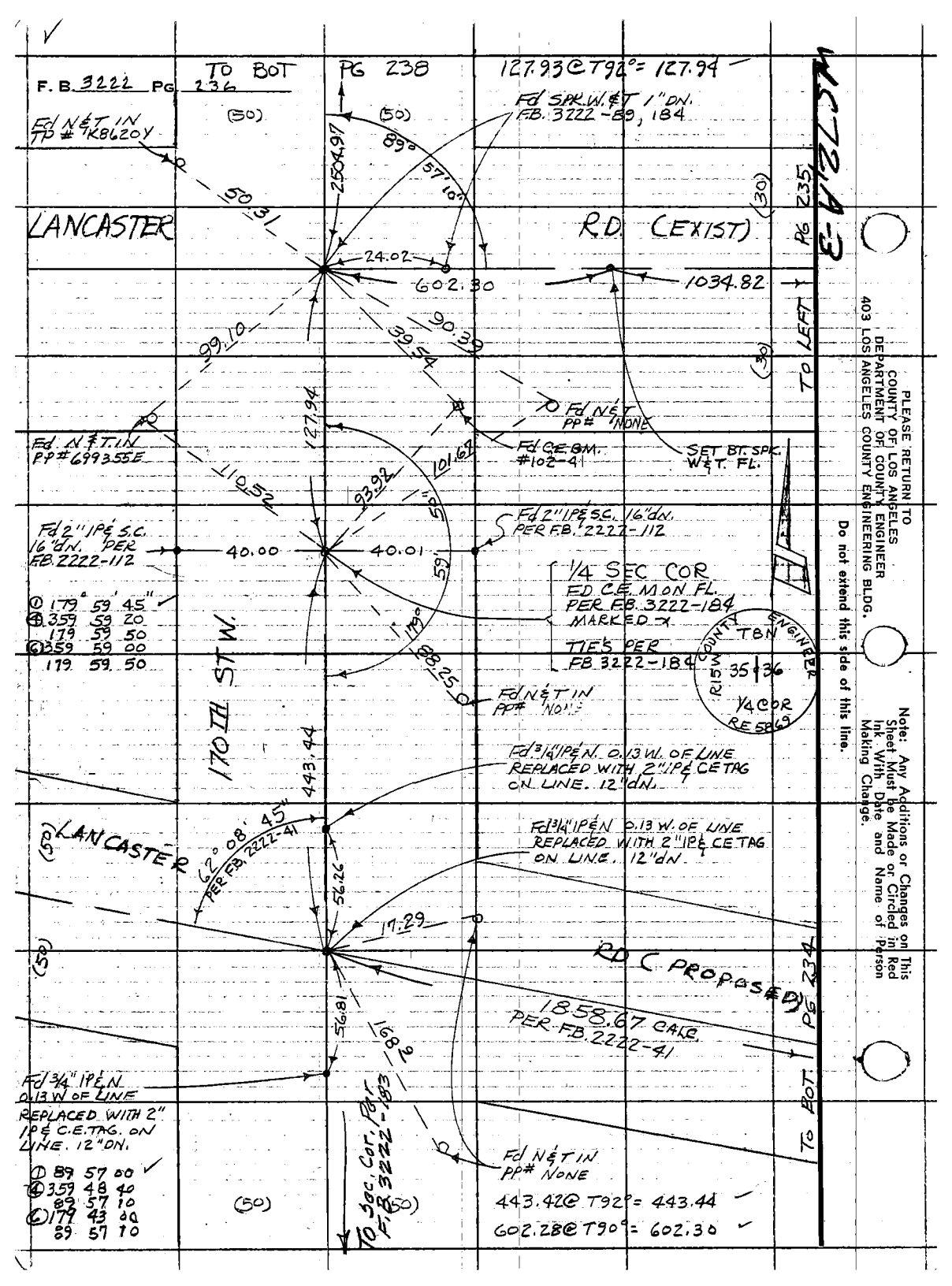
76F309S CE#310 3-69



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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.

JAA

Notes Ck'd by C. WRIGHT	Survey of 160 TH ST. W.	F. B. 3222 Pg. 237
Map No. B-5234	JN 0097.50 Tape 10 Std 84° °F	
Office Work	Surveyed by J.S.C.	
Checked R. BARTHOLOMEW	Notes HCH Date 8-71	
Date 11-74	Indexed J. GALLI OCT 20 71	

① 89° 09' 50"
④ 356 38 15
89 09 33¾
⑥ 174 57 15
89 09 32½

WS 72 B-3

① 90° 37' 40"
④ 362 29 15
90 37 18¾
⑥ 183 43 40
90 37 16⅔

TO BOT PG 243

(50) (50)

TO P.I. Pg 245 1080.00 Calc

ST. WEST

Nothing Set

1188.35 Calc

℄ 934.12

RP
FD. 2" I.P. 12" dn
CONC. P.I. & C.E. TAG

90° 37' 17"

89° 09' 35"

56.57

AVE

"F"

PG 214

(50)

(50)

PG 230

400.00

℄ PER F.B. 3222-213

1452.16

℄

TO TOP

(50)

45°

56.57

89° 22' 58"

90° 50' 04" adj

RP
FD. 2" I.P. 12" dn
CONC. P.I. & C.E. TAG

(50)

TO BOT

SEC. COR
Fd. C.E. BC. MON.
3" UP. MKD AS
PER
F.B. 3222-213
FOR TIES SEE
F.B. 3222-213

301.23 @ 91° 05' 40" = 301.18
301.24 @ 90 56 35 = 301.20

301.05 @ 79 31 25 = 296.03
300.87 @ 79 41 30 = 296.01

286.51 @ 105 45 10 = 275.75
286.27 @ 254 26 40 = 275.78

61.50 @ 83 38 10 = 61.12
61.55 @ 276 52 40 = 61.11
934.08
T=90° .04
934.12

COUNTY ENGINEER
T8N
R15W 25 30 R14W
36 31
R. E. 5869

℄ 1019.19
PER F.B. 3222-213

160 TH

① 89° 22' 40"
④ 357 31 20
89 22 50
⑥ 176 17 05
89 22 50⅚

(50) (50)

TO TOP PG 212

① 90° 50' 00"
④ 363 20 55
90 50 13¾
⑥ 185 01 20
90 50 13⅓

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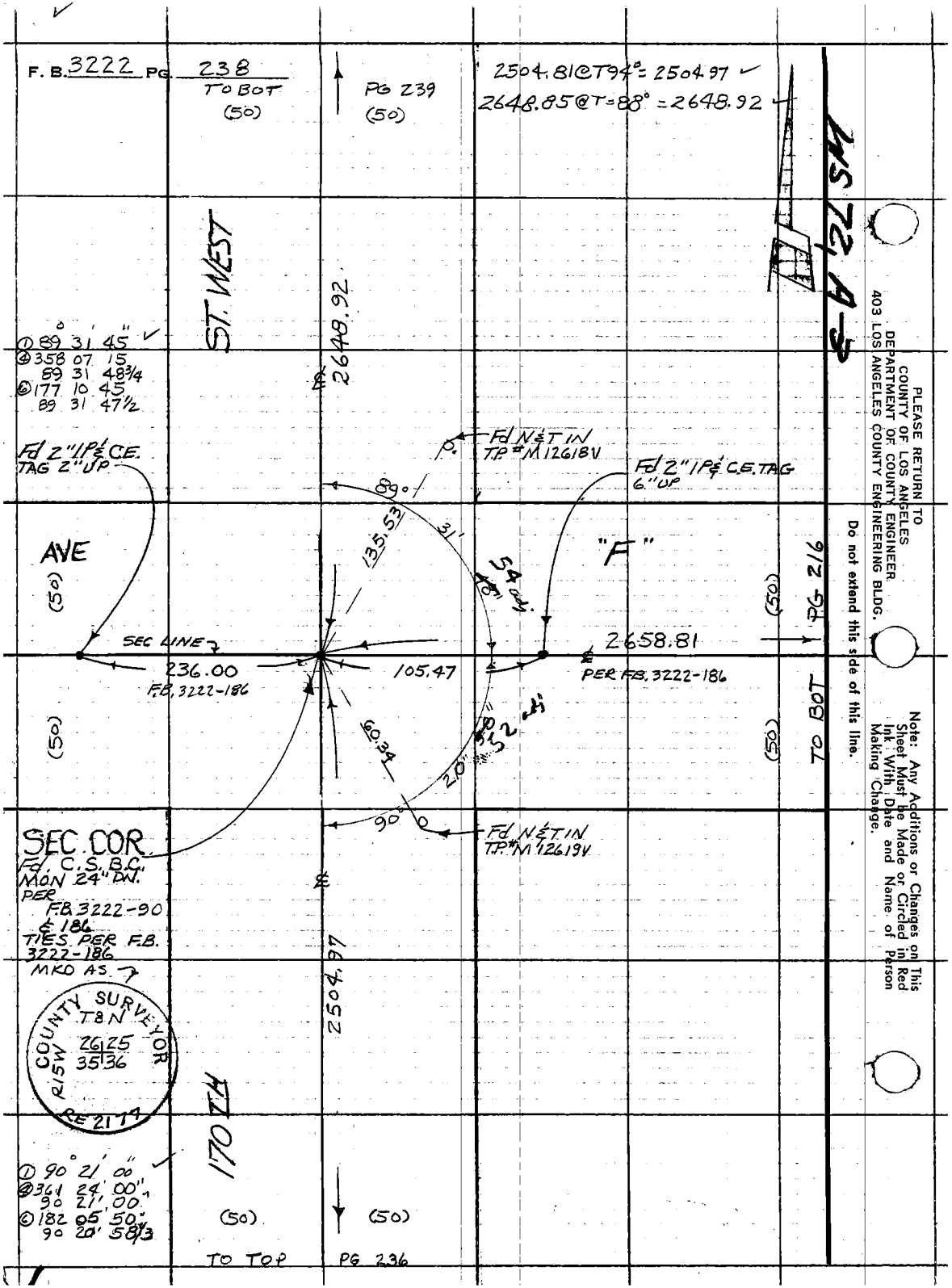
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69


F. B. 3222 PG 238
TO BOT
(50)
PG 239
(50)
2504.81@T94°=2504.97
2648.85@T=88°=2648.92
ST. WEST
2648.92
89° 31' 45"
358 07 15
89 31 48¾
177 10 45
89 31 47½
Fd 2"IP&C.E. TAG 2"UP
Fd N&T IN T.P. "M 1261 BV
Fd 2"IP&C.E. TAG 6"UP
AVE
(50)
SEC LINE
236.00
F.B. 3222-186
105.47
135.53
54.47
2658.81
PER F.B. 3222-186
"F"
(50)
PG 216
TO BOT
(50)
60.34
20.00
90°
SEC. COR.
Fd C.S.B.C. MON 24" DN.
PER F.B. 3222-90 & 186
TIES PER F.B. 3222-186
MKD AS
COUNTY SURVEYOR
T 8 N
R 15 W
26 25
35 36
RE 21 74
2504.97
170 TH
90° 21' 00"
361 24' 00"
90 21' 00"
182 05' 50"
90 20' 58½
(50)
(50)
TO TOP
PG 236
PLEASE RETURN TO
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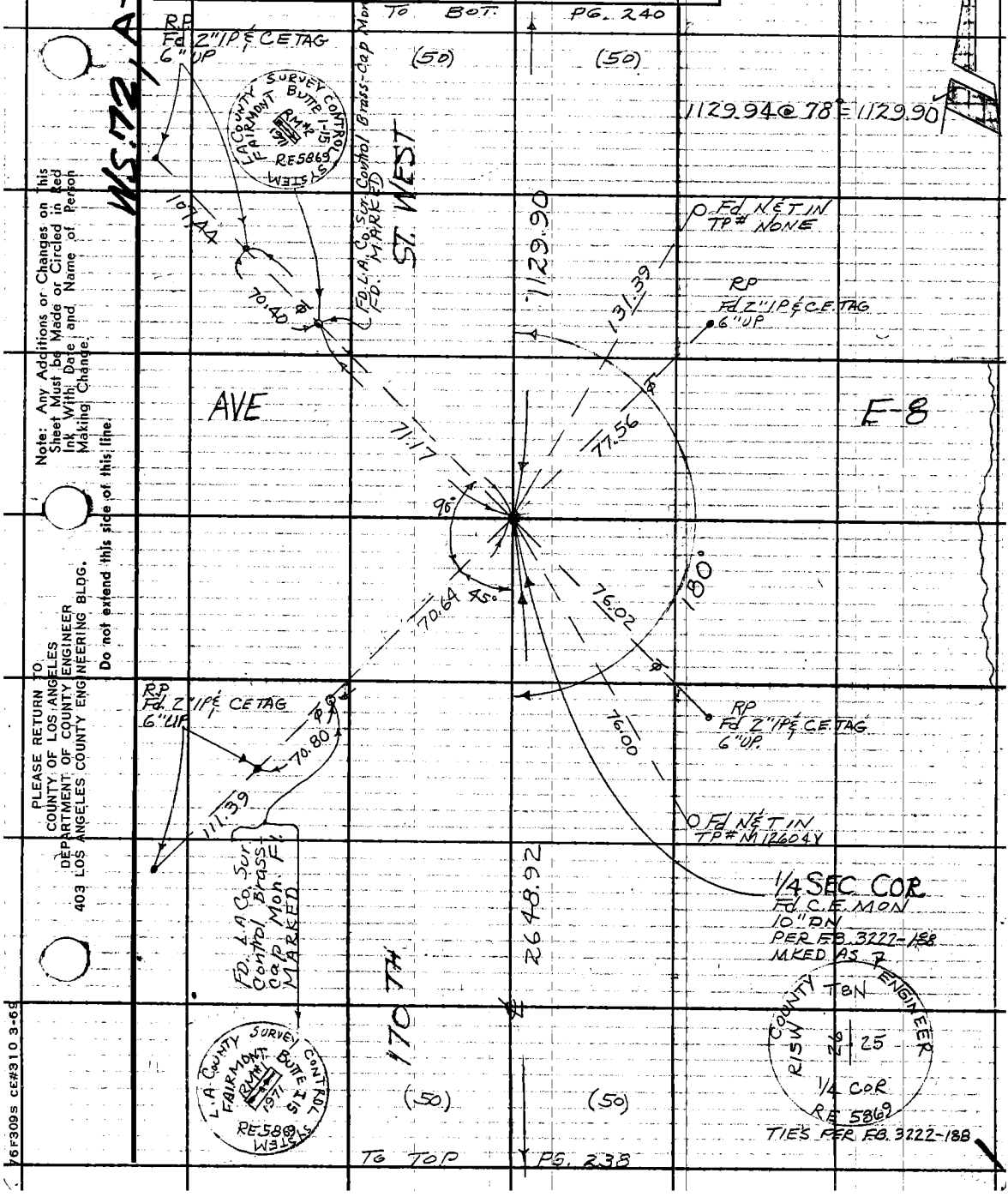
JAA

Notes Ck'd by C. WRIGHT	Survey of 160th ST. W.	F. B. 3222 Pg. 239
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F	
Office Work	Surveyed by JSC	
Checked R. BARTHOLOMEW	Notes JSC Date 8-30-71	
Date 11-74	Indexed J. GALLI OCT 20 71	



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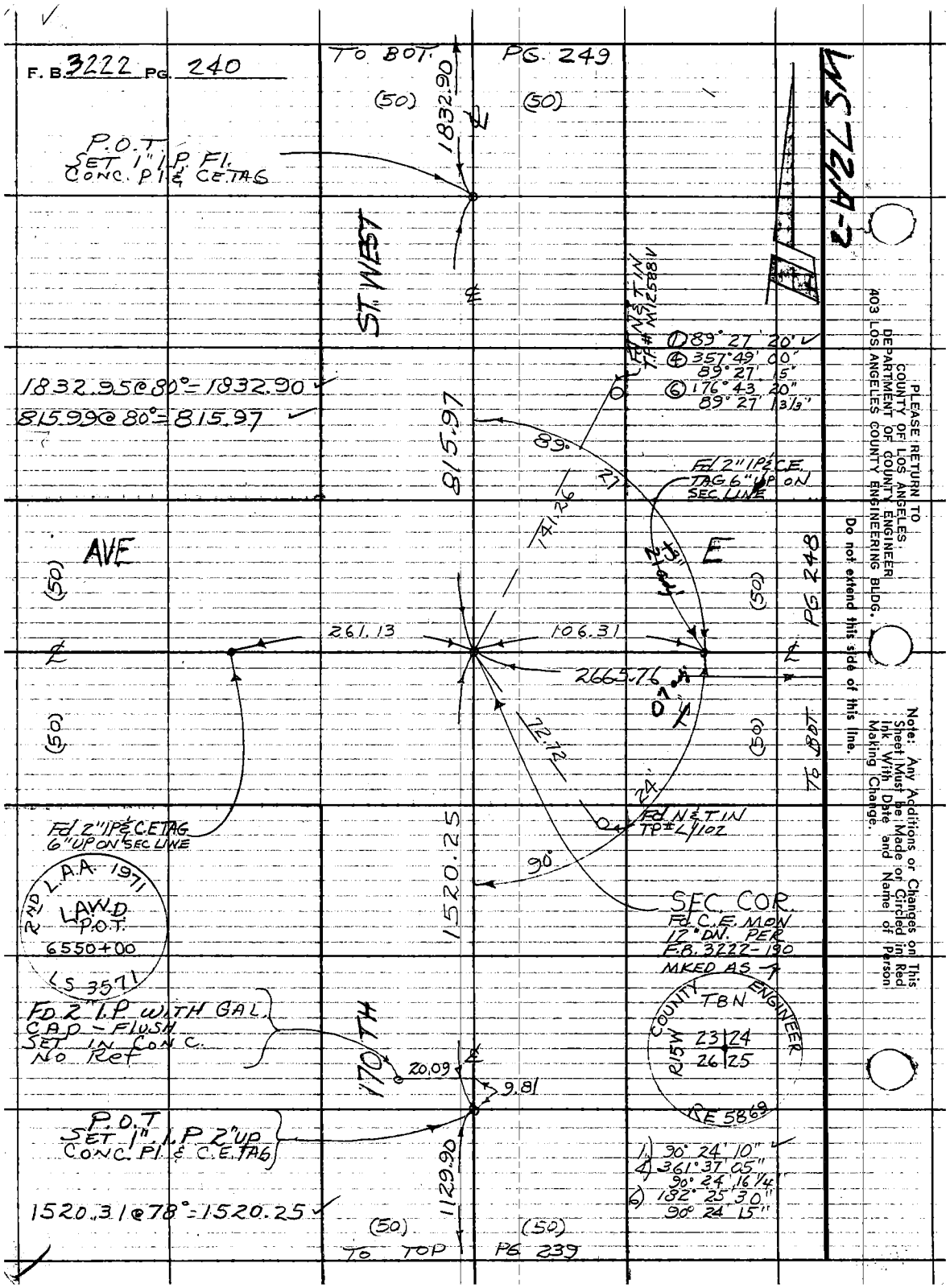
76F309S CE#310 3-69


F. B. 3222 PG. 240
TO BOT. PG. 249
(50)
(50)
1832.90
P.O.T.
SET 1" I.P. FL.
CONC. PI & CE TAG
ST. WEST
WS 724A-2
Fd N & T IN
TP# M12588V
① 89° 27' 20"
④ 357° 49' 00"
89° 27' 15"
⑥ 176° 43' 20"
89° 27' 13 1/3"
1832.95@80°=1832.90
815.99@80°=815.97
815.97
89°
27'
Fd 2" IP & C.E.
TAG 6" UP ON
SEC LINE
141.26
AVE
E
(50)
(50)
PG 248
261.13
106.31
2665.76
72.72
24
TO BOT
Fd N & T IN
TP# L/102
Fd 2" IP & C.E. TAG
6" UP ON SEC LINE
1520.25
90°
2ND L.A.A. 1971
LAWD
P.O.T.
6550+00
LS 3571
SEC. COR.
Fd C.E. MON
12" DN. PER
F.B. 3222-190
MKED AS
COUNTY ENGINEER
T8N
R15W
23 24
26 25
RE 5869
FD 2" I.P. WITH GAL.
CAP - FLUSH
SET IN CONC.
NO REF
170 TH
20.09
9.81
P.O.T.
SET 1" I.P. 2" UP
CONC. PI & C.E. TAG
1129.90
1) 90° 24' 10"
4) 361° 37' 05"
90° 24' 16 1/4"
6) 182° 25' 30"
90° 24' 15"
1520.31@78°=1520.25
(50)
(50)
TO TOP PG 239
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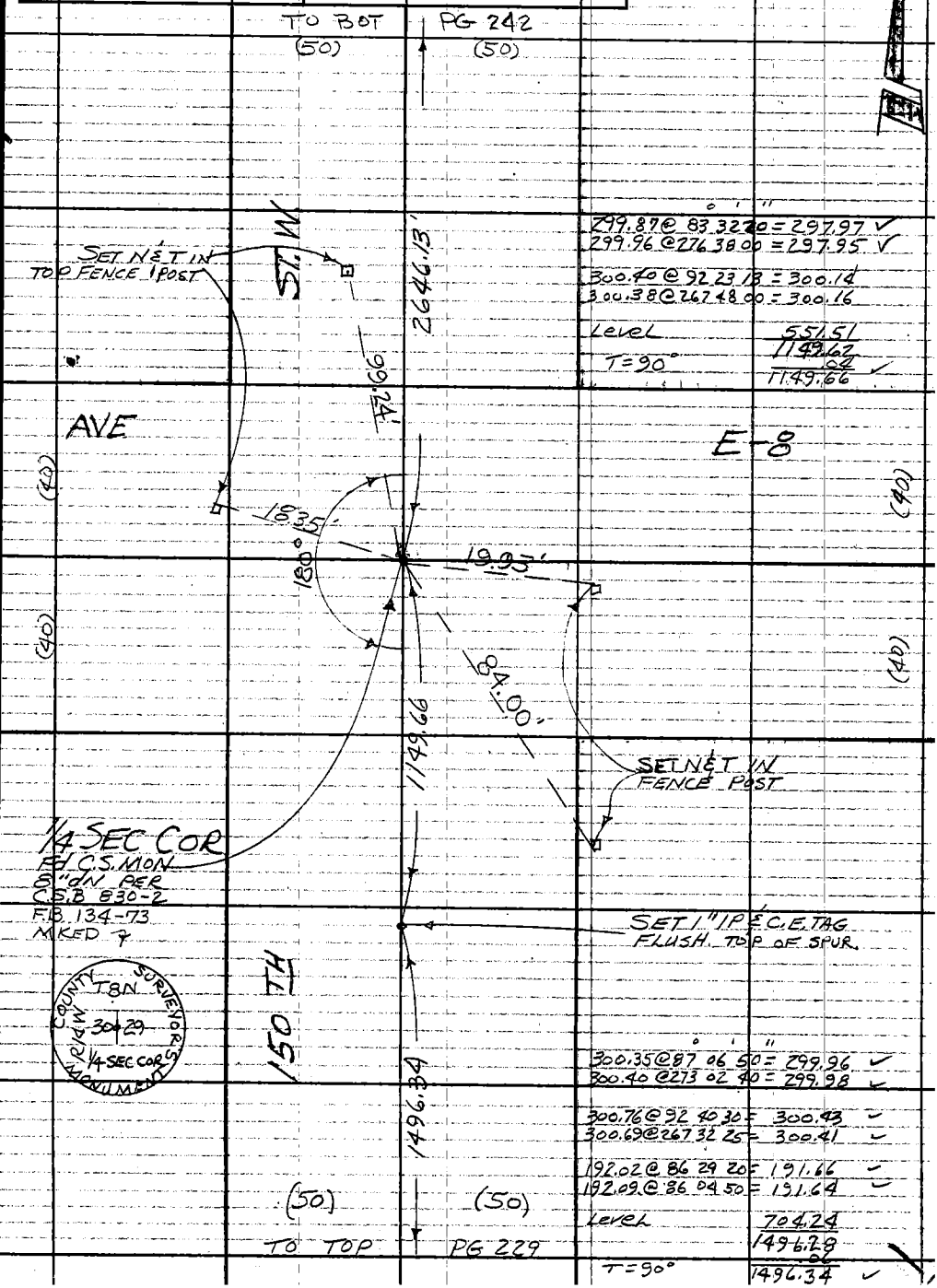
JAA

Notes Ck'd by C. WRIGHT	Survey of 160TH ST. W.	F. B. 3222	PG. 241
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F		
Office Work	Surveyed by JSC		
Checked R. BARTHOLOMEW	Notes HCH Date 7-71		
Date 11-74	Indexed J. GALLI OCT 20 71		

W.S 72, B-3



299.87 @ 83 32 20 = 297.97 ✓
299.96 @ 276 38 00 = 297.95 ✓

300.40 @ 92 23 13 = 300.14
300.38 @ 267 48 00 = 300.16

Level 551.51
1149.62
.04
T=90° 1149.66 ✓

300.35 @ 87 06 50 = 299.96 ✓
300.40 @ 273 02 40 = 299.98 ✓

300.76 @ 92 40 30 = 300.43 ✓
300.69 @ 267 32 25 = 300.41 ✓

192.02 @ 86 29 20 = 191.66 ✓
192.09 @ 86 04 50 = 191.64 ✓

Level 704.24
1496.28
.06
T=90° 1496.34 ✓

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76F309S CE#310 3-69

F. B. 3222 PG. 242

135.43 @ 106-35-00 = 129.80
135.40 @ 106-31-40 = 129.81
299.43 @ 71-59-00 = 284.75
299.92 @ 71-46-40 = 284.78
300.55 @ 98-01-20 = 297.61
300.47 @ 97-55-40 = 297.60
300.50 @ 85-22-30 = 299.52
300.62 @ 85-09-00 = 299.54
103.07 @ 96-36-40 = 102.38
103.20 @ 97-09-40 = 102.39
T = 80° 1114.07
03
1114.04

299.79 @ 76° 55' 20" = 292.01
299.94 @ 76 49 00 = 292.04

196.20 @ 257 51 40 = 191.81
196.04 @ 258 05 10 = 191.82

300.52 @ 260 12 20 = 296.19
300.32 @ 260 26 35 = 296.15

Level 82.29
862.26
.02
T = 80° 862.24

194.63 — 862.24

100.85 @ 82° 03' 00" = 99.82
100.94 @ 81 43 50 = 99.89

Level 94.76
194.64
.01
T = 78° 194.63

292.45 @ 268 04 40 = 292.29
292.41 @ 268 10 10 = 292.26

269.76 @ 87 19 15 = 269.47
269.83 @ 273 00 50 = 269.46

300.50 @ 88 33 40 = 300.41
300.52 @ 271 35 15 = 300.40

Level 1783.90
2646.03
.10
T = 90° 2646.13

TO BOT

(50)

PG 256

(50)

304.81

SET 1" IP & C.E. TAG UP 2"

① 90° 37' 30"
② 362 29 30
③ 90 37 22½
④ 183 44 20
90° 37' 23⅓

1114.04

21 adj

23

31

90°

89° 30' 30"

10.71

45°

SET 1" IP & CE. TAG FLUSH

05 adj

RP SET 2" IP & CE. TAG 4" UP

① 89° 30' 00"
② 358 00 10
③ 89° 30 02½
④ 177 00 20
89° 30 03⅓

RP (SET 2" IP & CE. TAG 4" UP

SEC. COR.
FD C.S. MON. PL.
PER C.S.B. 830-2
F.B. 134-72
MKED

T 8 N
R 14 W
19 | 20
30 | 29

2646.13

STH

150 TH

AVE

PG 241

TO TOP

(50)

(50)

TO TOP

PG. 241

WS 7, 8-2

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This

JAA

Notes Ck'd by C. WRIGHT	Survey of 160TH ST. W	F. B. 3222 PG. 243
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F	
Office Work	Surveyed by J.S.C.	
Checked R. BARTHOLOMEW	Notes HCH Date 7-71	
Date 11-74	Indexed [illegible]. J. GALLI OCT 20 '71	

218.03 @ 76° 03' 20" = 211.60
217.90 @ 76 13 00 = 211.63

300.65 @ 101 09 10 = 294.97
300.48 @ 259 02 20 = 295.00

301.20 @ 88 07 40 = 301.04
301.13 @ 88 27 20 = 301.02

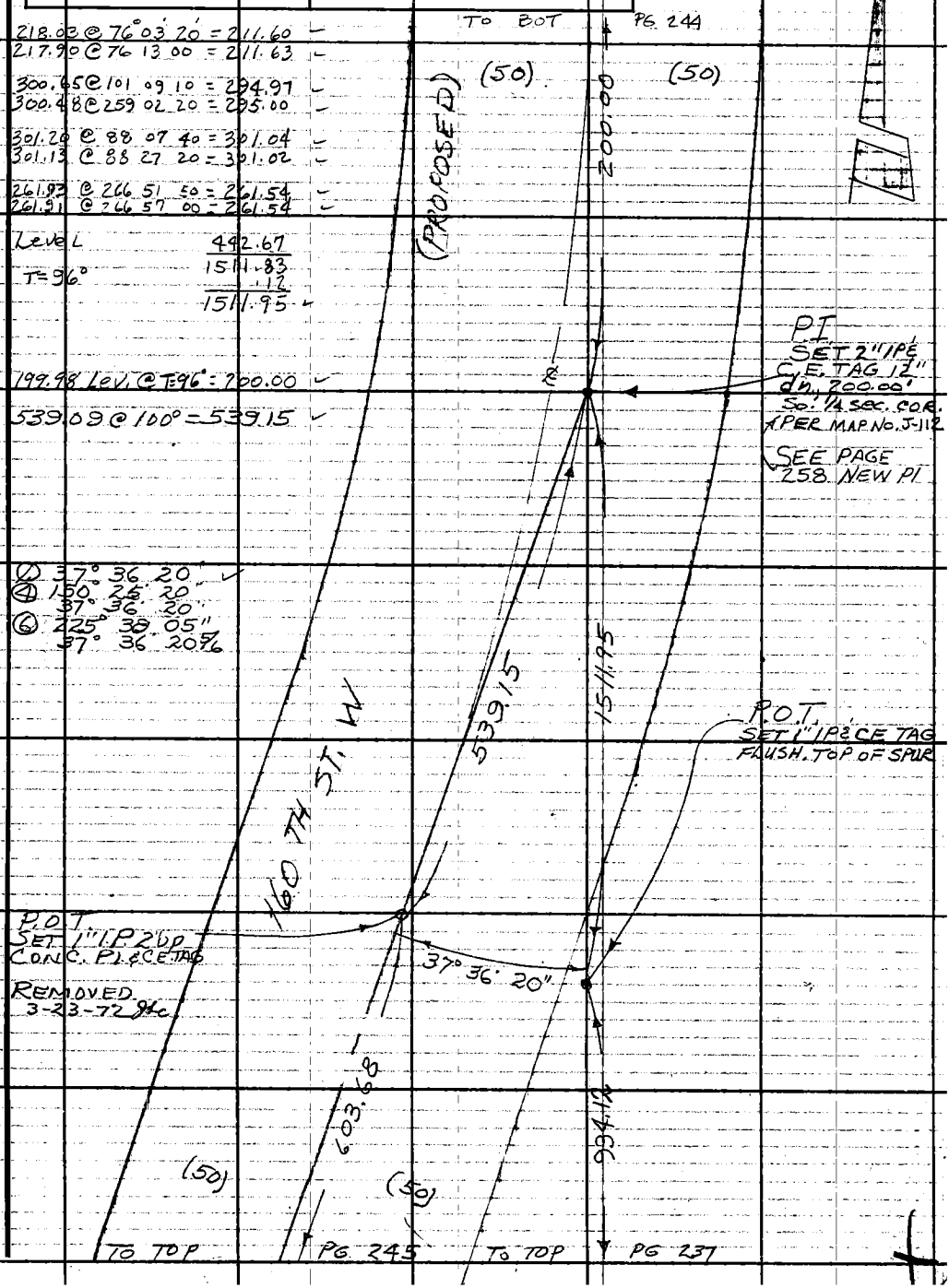
261.93 @ 266 51 50 = 261.54
261.91 @ 266 57 00 = 261.54

Level 442.67
T=96° 1511.83
.12
1511.95

199.98 Lev. @ T=96° = 200.00

539.09 @ 100° = 539.15

① 37° 36' 20"
④ 150° 25' 20"
37° 36' 20"
⑥ 225° 38' 05"
37° 36' 20 5/16



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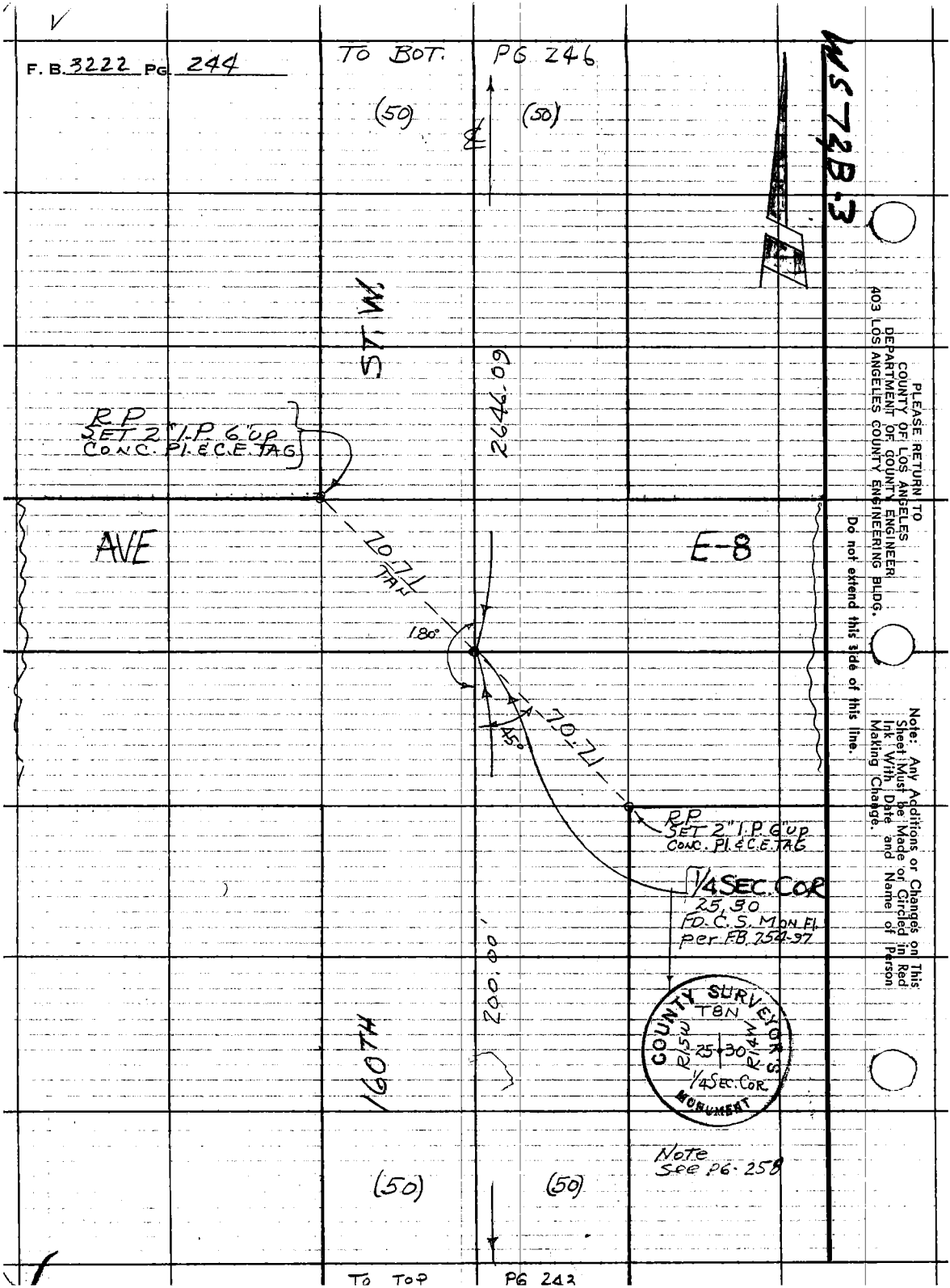
76F309S CE#310 3-69

F. B. 3222 PG. 244



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JAA

Notes Ck'd by C. WRIGHT	Survey of 160 TH ST. W.
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F
Office Work	Surveyed by JSC
Checked R. BARTHOLOMEW	Notes HCH Date 7-71
Date 11-74	Indexed B. J. GALL OCT 20 '71

F. B. 3222 PG. 245

TO BOT PG. 243

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 3-69

F. B. 3222 PG. 246

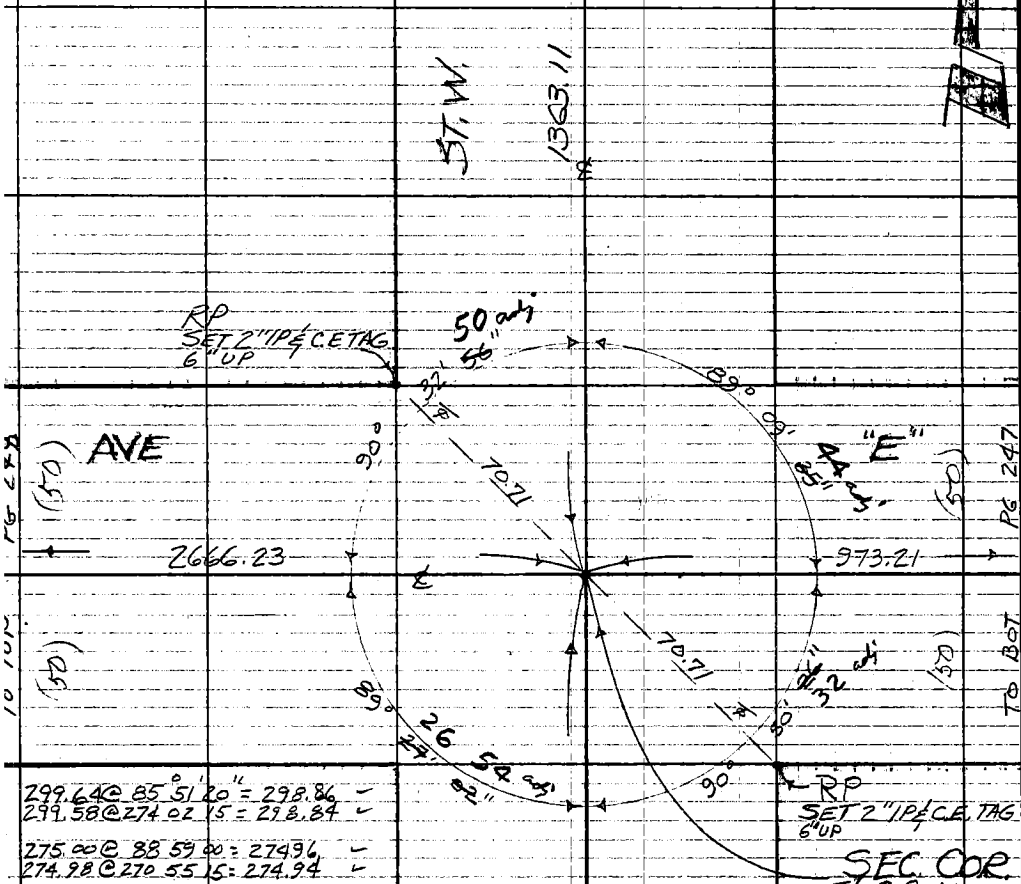
	°	'	"
①	90	33	00
④	362	11	50
	90	32	57½
⑥	183	17	35
	90	32	55 5/6

TO BOT. PG. 252

(50) (50)

	°	'	"
①	89	09	30
④	356	38	15
	89	09	33¾
⑥	174	57	30
	89	09	35

WC 72, B-2



299.64 @ 85° 51' 20" = 298.86
299.58 @ 274 02 15 = 298.84

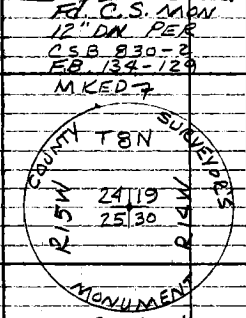
275.00 @ 88 59 00 = 274.96
274.98 @ 270 55 15 = 274.94

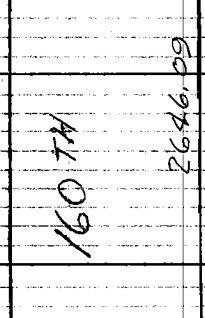
121.62 @ 95 46 40 = 121.00
121.54 @ 264 37 40 = 121.01

197.97 @ 89 29 35 = 197.96
197.99 @ 270 51 30 = 197.97

Level
T = 90°

1753.23
2645.99
.10
2646.09





	°	'	"
①	89°	27'	10"
④	357	48	10
	89	27	02½
⑥	176	42	10
	89	27	01⅔

(50) (50)

	°	'	"
①	90	50	30
④	363	21	50
	90	50	27½
⑥	185	02	30
	90	50	26

TO TOP PG 244

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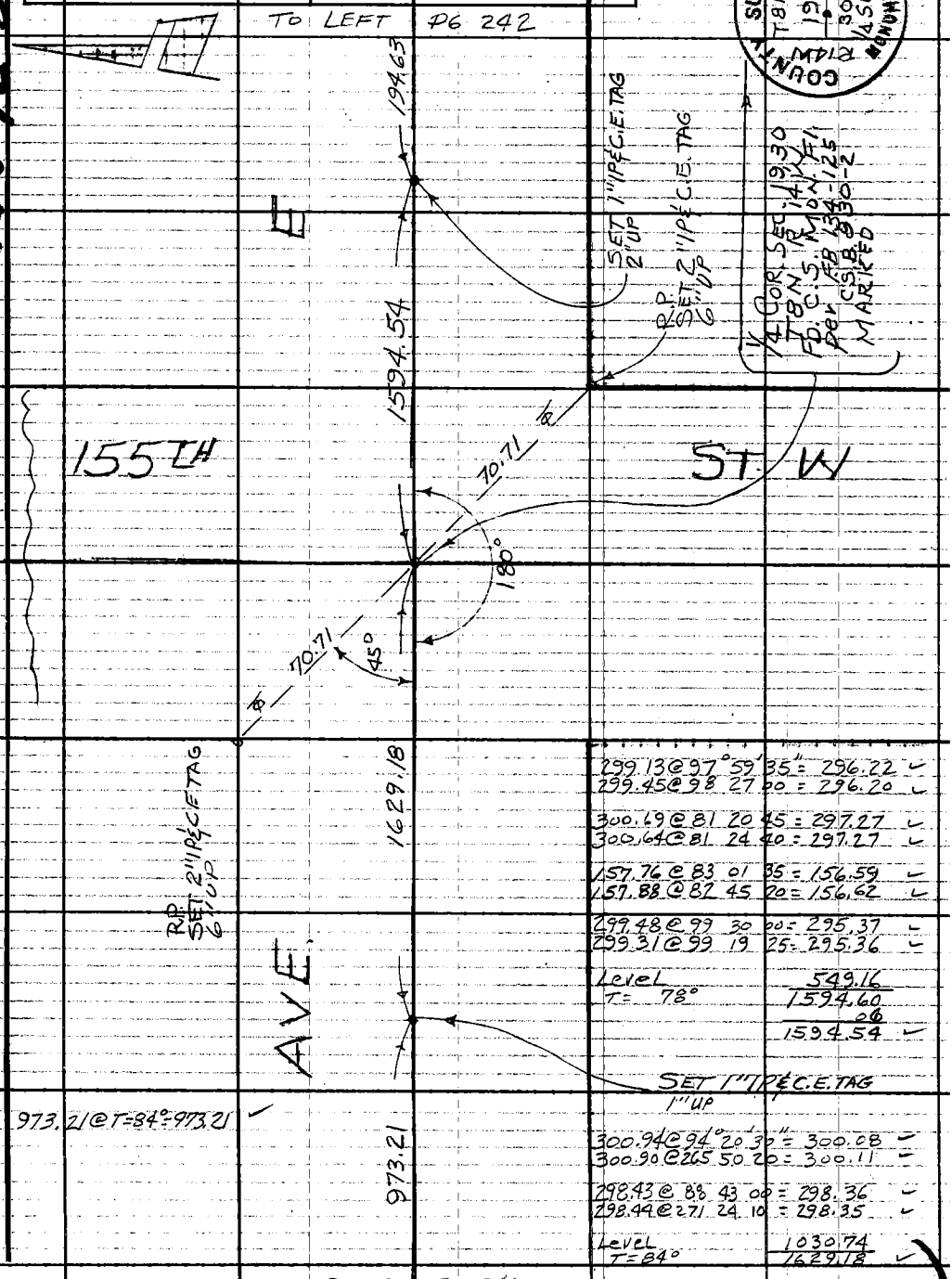
WS72 B-2

Notes Ck'd by C. WRIGHT	Survey of 160th ST. W	F. B. 3222 Pg. 247
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F	
Office Work	Surveyed by J S COATES	
Checked R. BARTHOLOMEW	Notes JSC Date 9-15-71	
Date 11-74	Indexed E. J. GALLI OCT 20 '71	



299.13 @ 97° 59' 35" = 296.22
299.45 @ 98 27 00 = 296.20

300.69 @ 81 20 45 = 297.27
300.64 @ 81 24 40 = 297.27

157.76 @ 83 01 35 = 156.59
157.88 @ 82 45 20 = 156.62

299.48 @ 99 30 00 = 295.37
299.31 @ 99 19 25 = 295.36

Level 549.16
T = 78° 1594.60
06
1594.54

973.21 @ T = 84° = 973.21

300.94 @ 94° 20' 30" = 300.08
300.90 @ 265 50 20 = 300.11

298.43 @ 88 43 00 = 298.36
298.44 @ 271 24 10 = 298.35

Level 1030.74
T = 84° 1629.18

TO RIGHT PG 246

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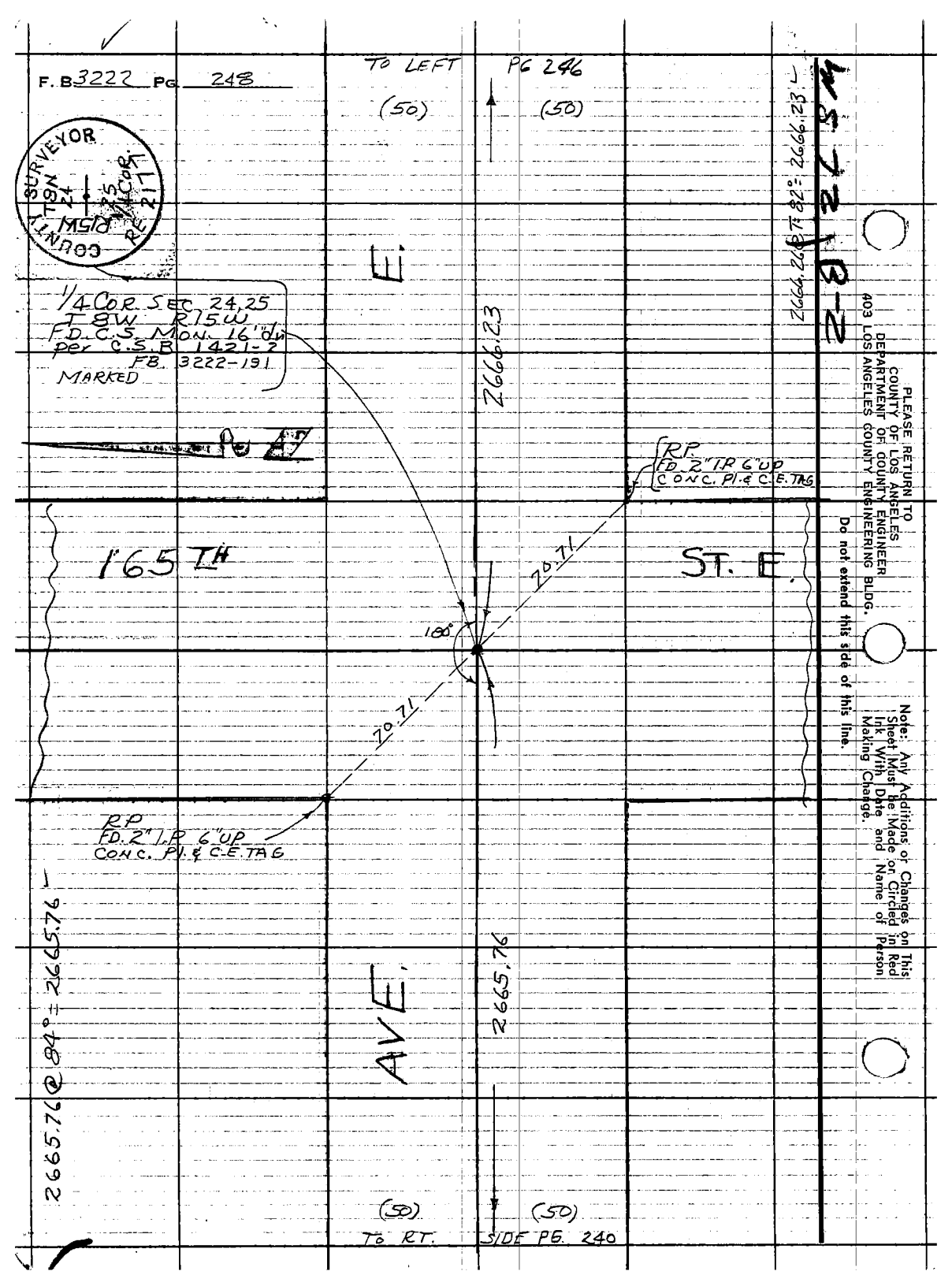
76F309S CE#310 3-69

F. B 3222 PG 248



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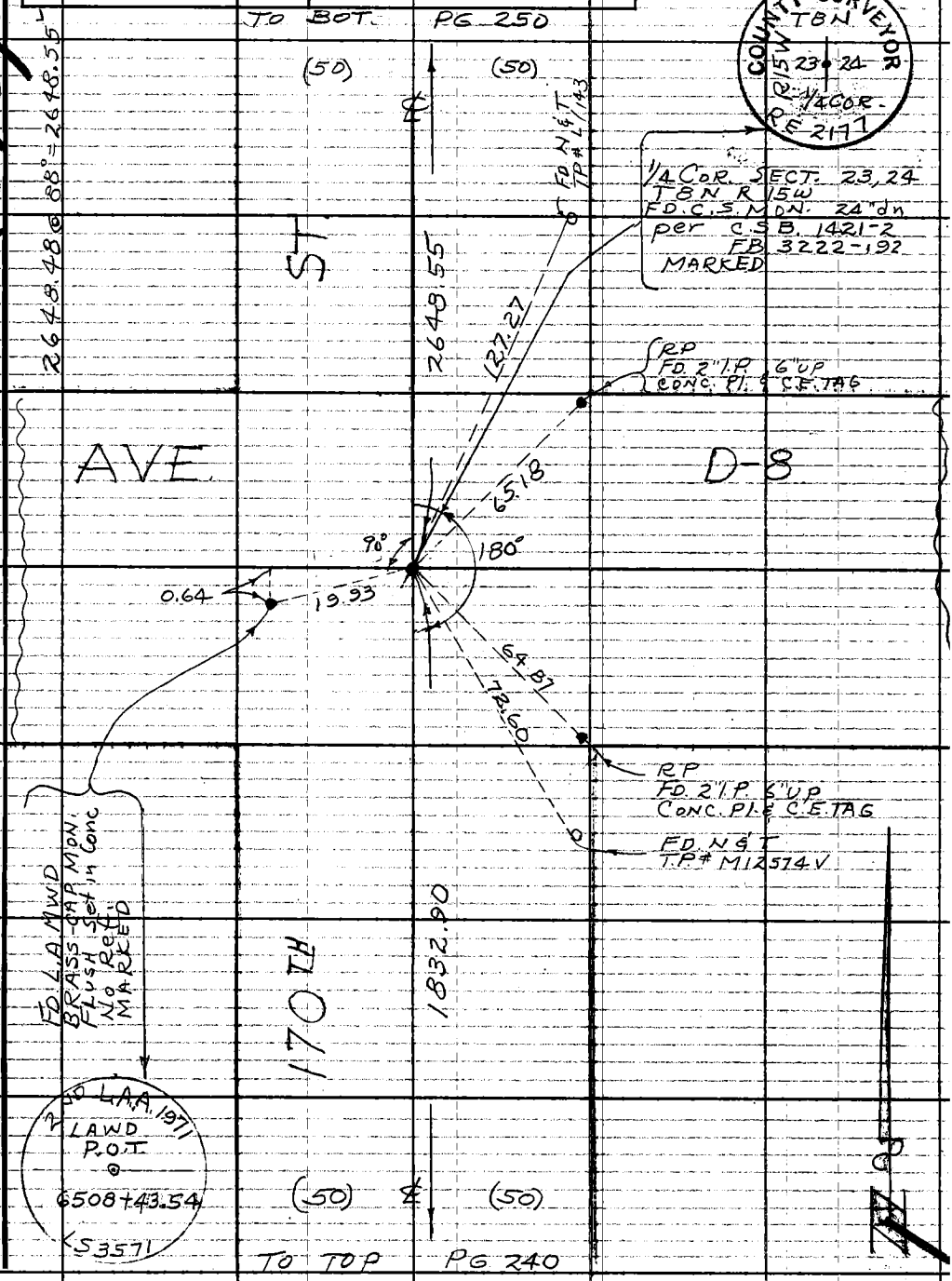
Notes Ck'd by C. WRIGHT	Survey of 160th ST. W	F. B. 3222	PG. 249
Map No. 8-5234	JN 0097-50 Tape 10 Std 84 °F		
Office Work	Surveyed by JS COATES		
Checked R. BARTHOLOMEW	Notes JSC Date 9-13-71		
Date 11-74	Indexed M. J. GALL OCT 20 71		

W572, A-2



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

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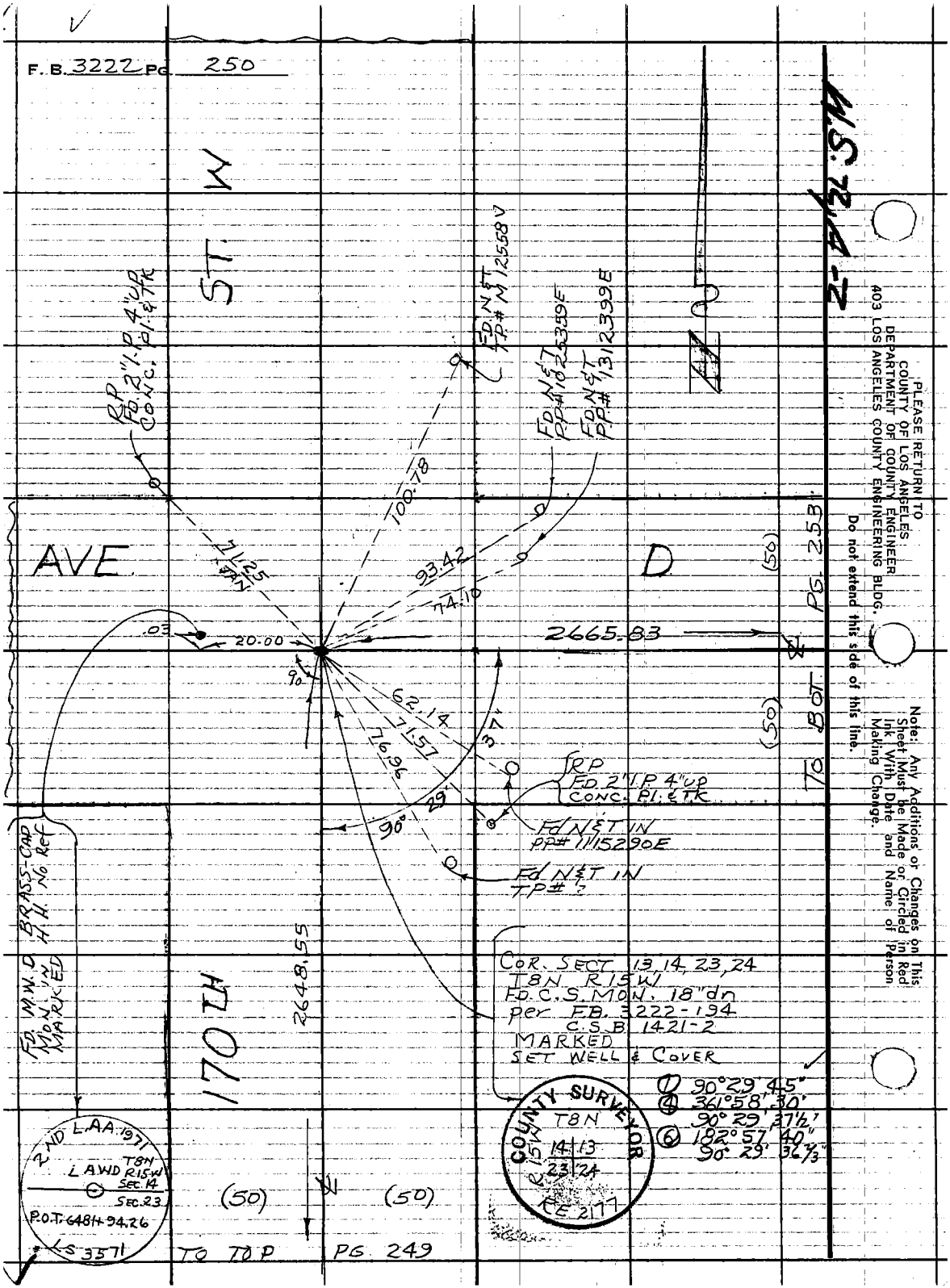
76F309S CE#310 3-69

V

F.B. 3222 Pg 250



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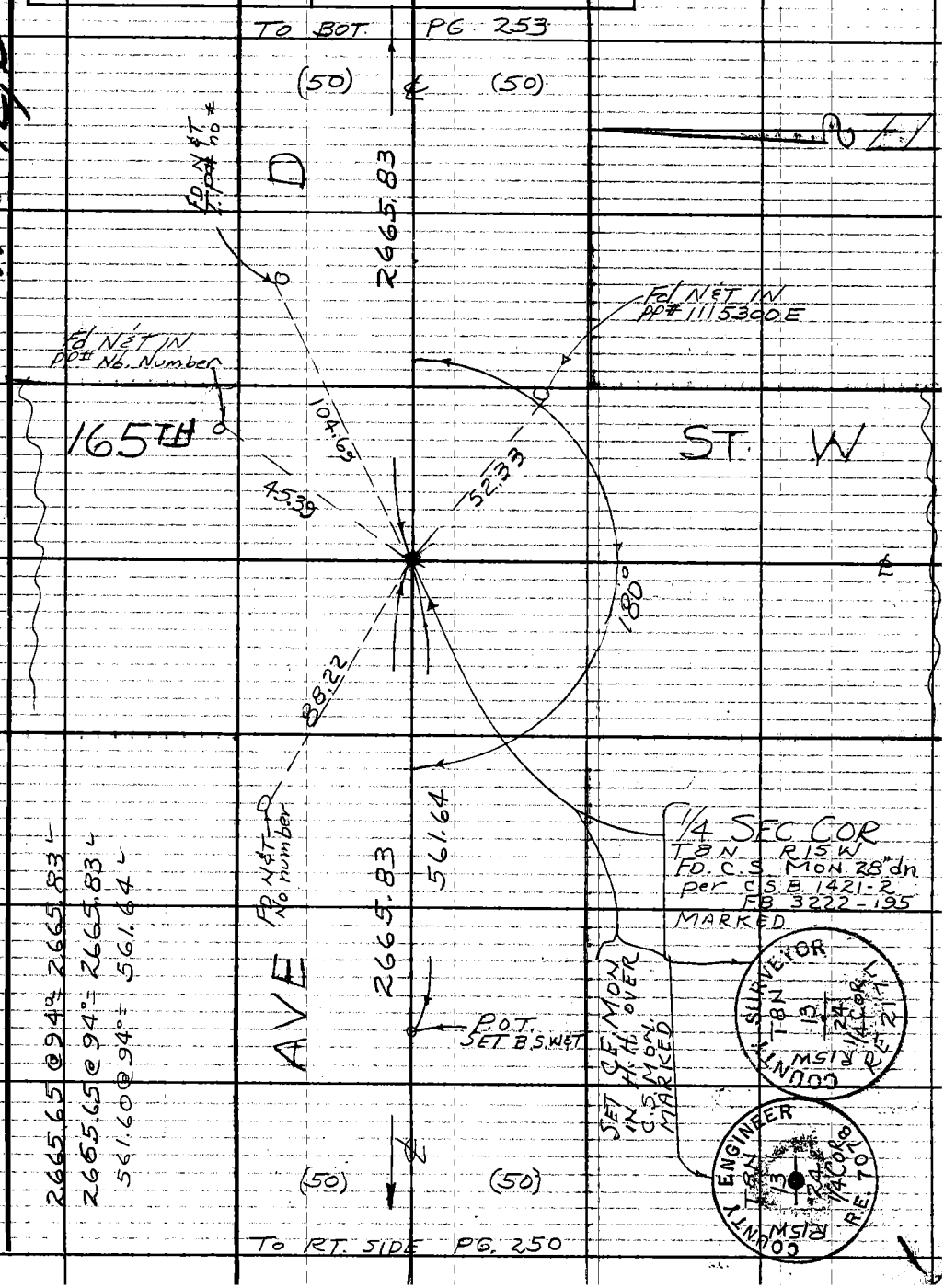
JAA

Notes Ck'd by C. WRIGHT	Survey of 160th ST. W	F. B. 3222 Pg. 251
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F	
Office Work	Surveyed by J S COATES	
Checked R. BARTHOLOMEW	Notes JSC Date 9-13-71	
Date 11-74	Indexed J. GALL OCT 20 '71	

W5 72, B-2



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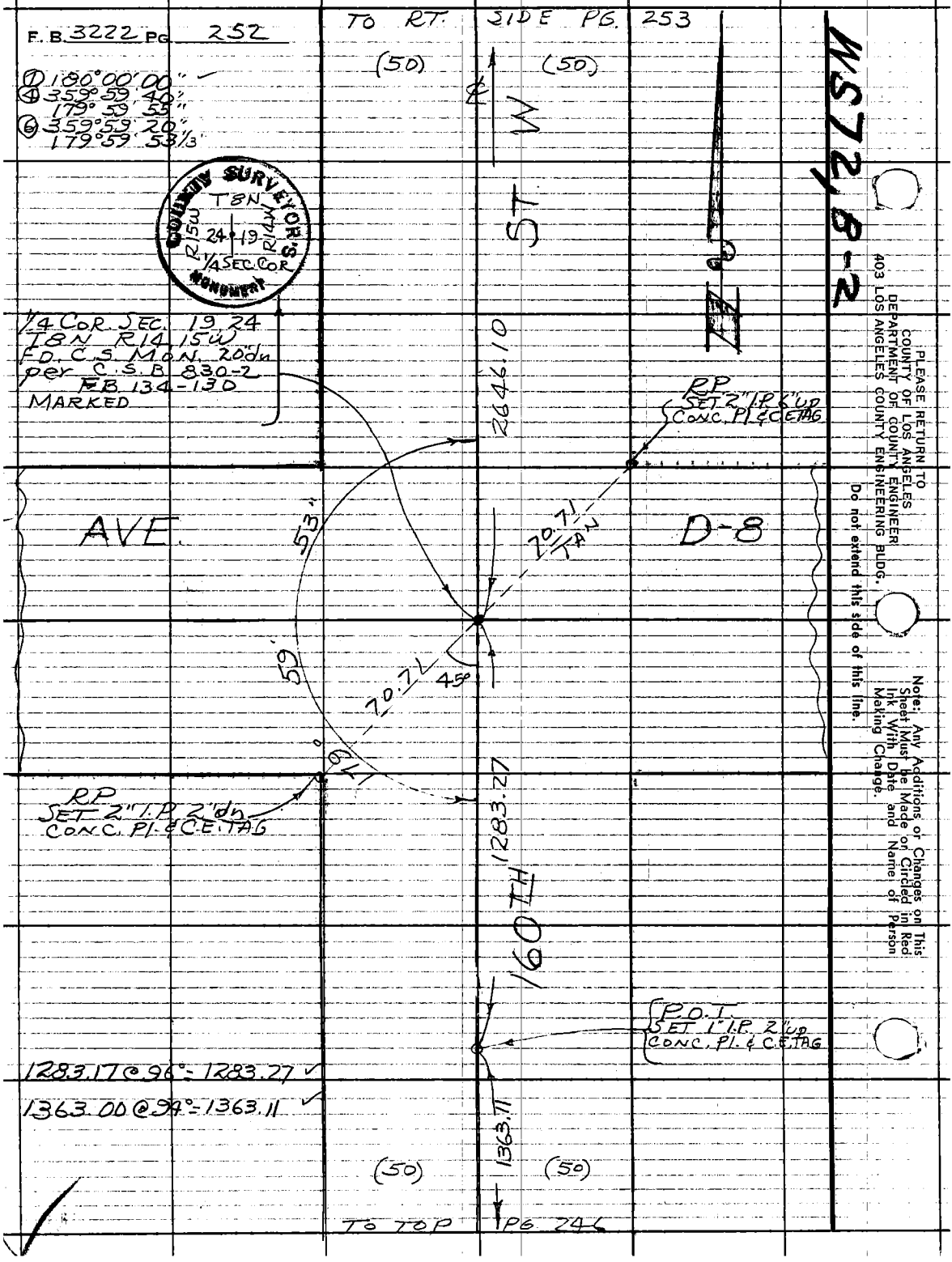
76F309S CE#310 3-69

F. B. 3222 PG. 252

① 180°00'00"
④ 359°59'40"
179°59'55"
⑥ 359°59'20"
179°59'53⅓"



WS72, B-2

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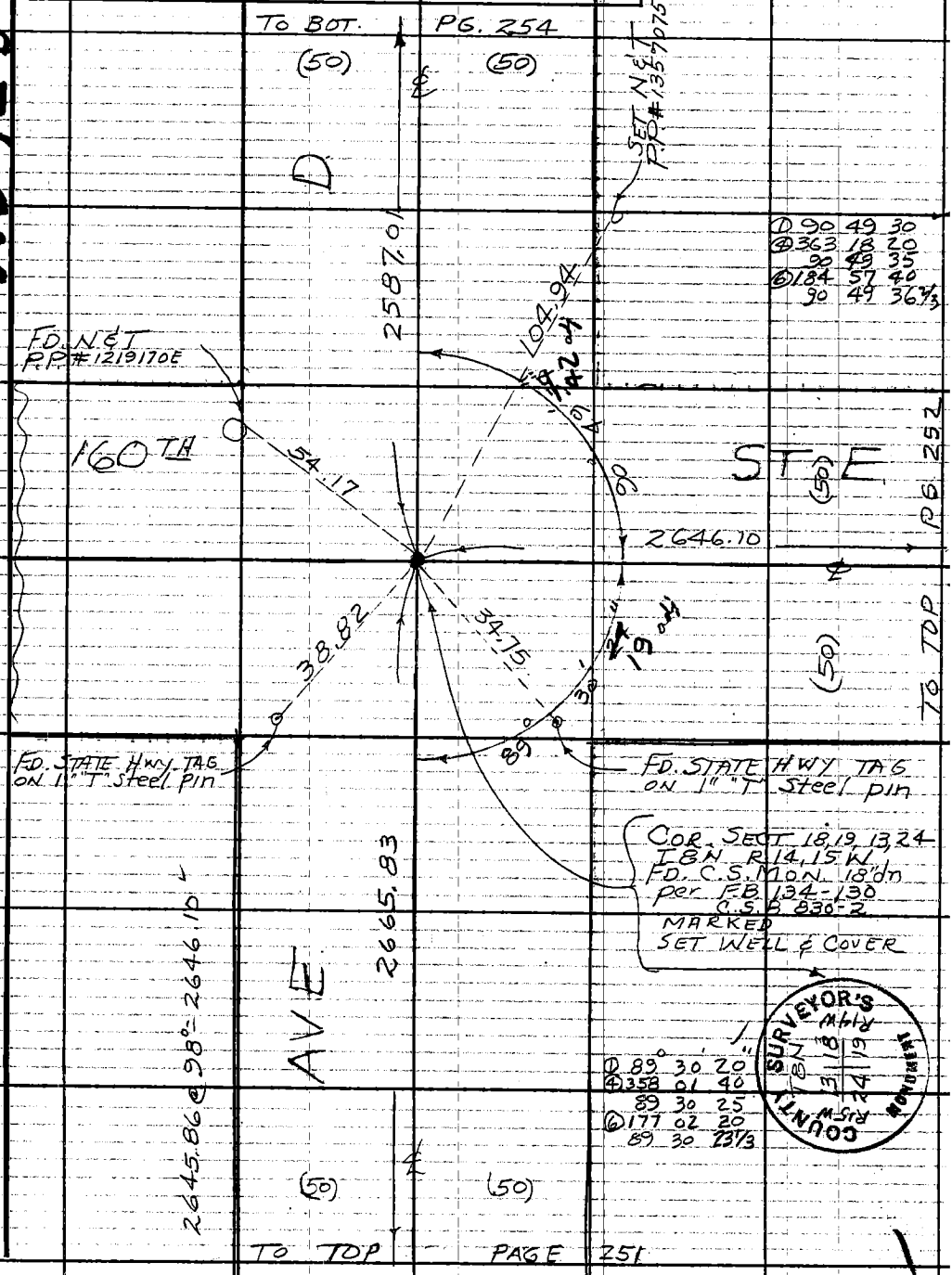
JAA

Notes Ck'd by C. WRIGHT	Survey of 160th ST-W	F. B. 3222 PG. 253
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F	
Office Work	Surveyed by JS COATES	
Checked R. BARTHOLOMEW	Notes JSC Date 9-2-71	
Date 11-74	Indexed [illegible] J. GALL OCT 20 '71	

WS72B-2



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

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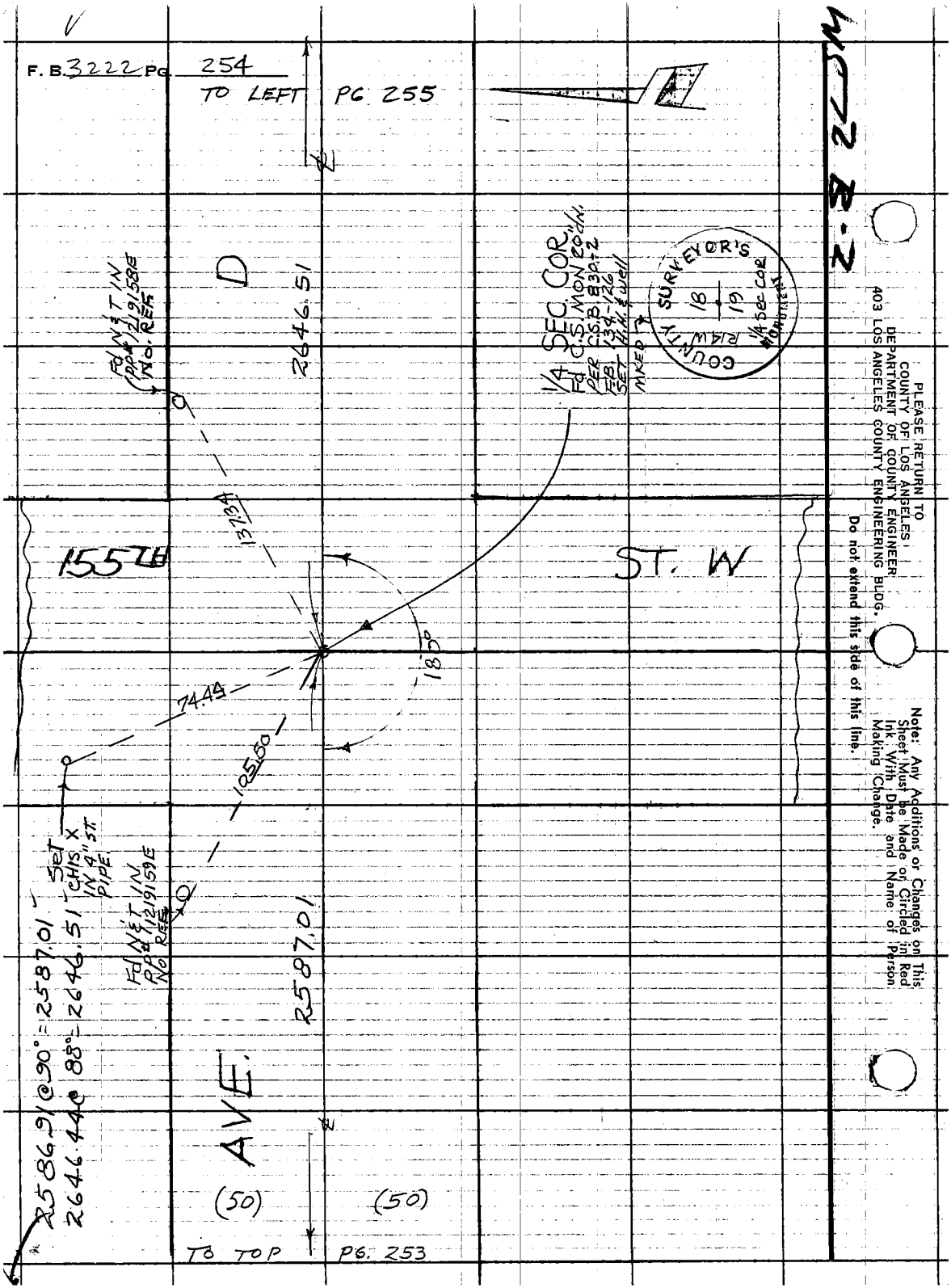
76F309S CE#310 3-69


F. B. 3222 PG. 254
TO LEFT PG 255
D
2646.51
Fd N&T IN PP#1219158E No. REF.
1/4 SEC. COR. Fd C.S. MON 20 DN. PER C.S.B. 830-2 F.B. 134-126 SET H.H. & well MKED
COUNTY SURVEYOR'S R14W 18 19 1/4 sec COR MONUMENT
137.34
155TH
ST. W
18.00
74.44
105.50
Set CHIS X IN 4" ST. PIPE
Fd N&T IN PP#1219159E No REF.
2587.01
AVE.
(50)
(50)
TO TOP PG. 253
2586.91 @ 90° = 2587.01
2646.44 @ 88° = 2646.51
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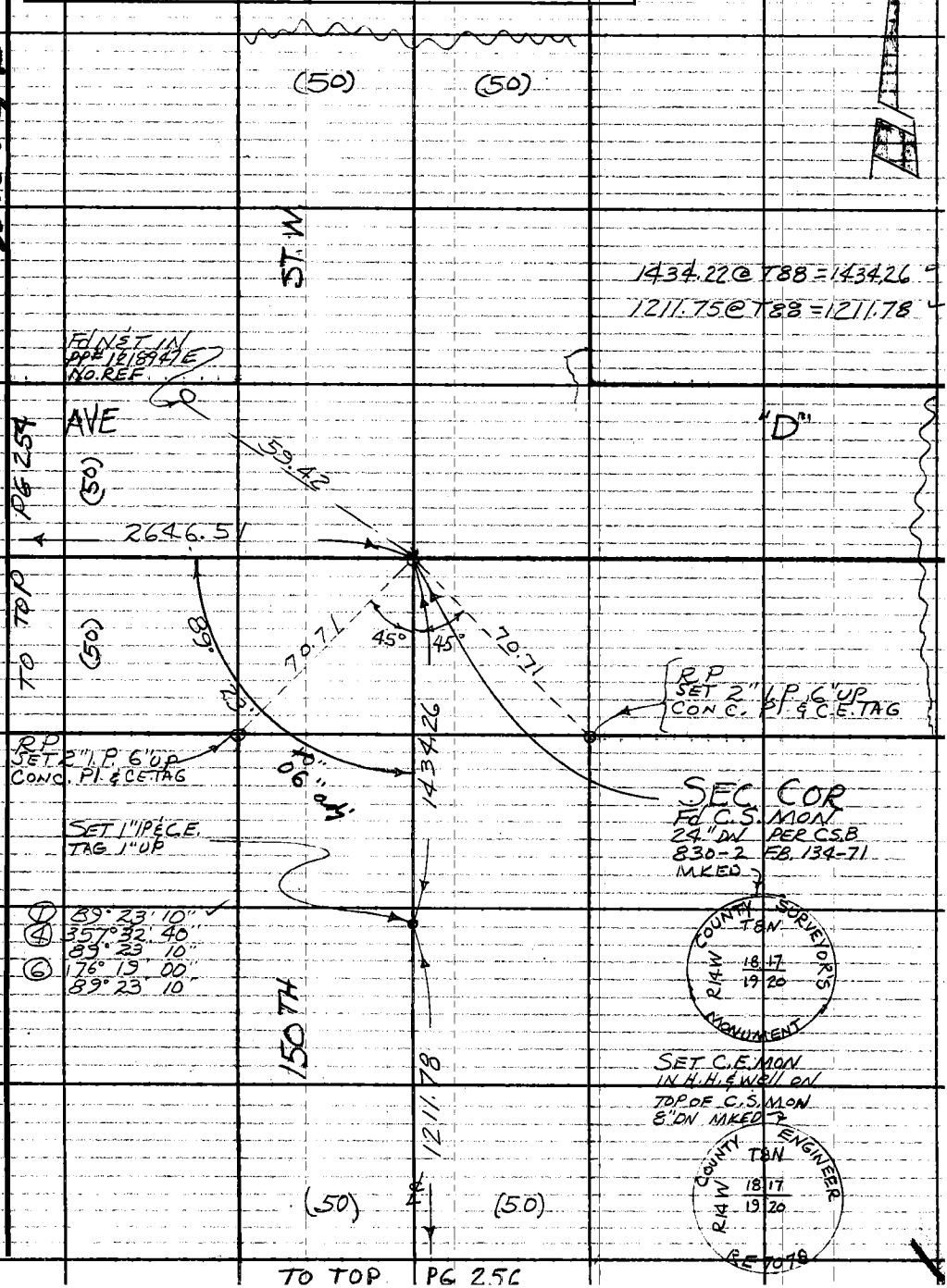
JAA

W.572 B-2

Notes Ck'd by C. WRIGHT	Survey of 160TH ST. W.
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F
Office Work	Surveyed by JSC
Checked R. BARTHOLOMEW	Notes HCH Date Sept 71
Date 11-74	Indexed B. J. GALL OCT 2 '71

F. B. 3222 PG. 255



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 3-69

F. B. 3222 PG 256

163.29 @ 259° 06' 15" = 160.35
163.25 @ 259 10 15 = 160.34

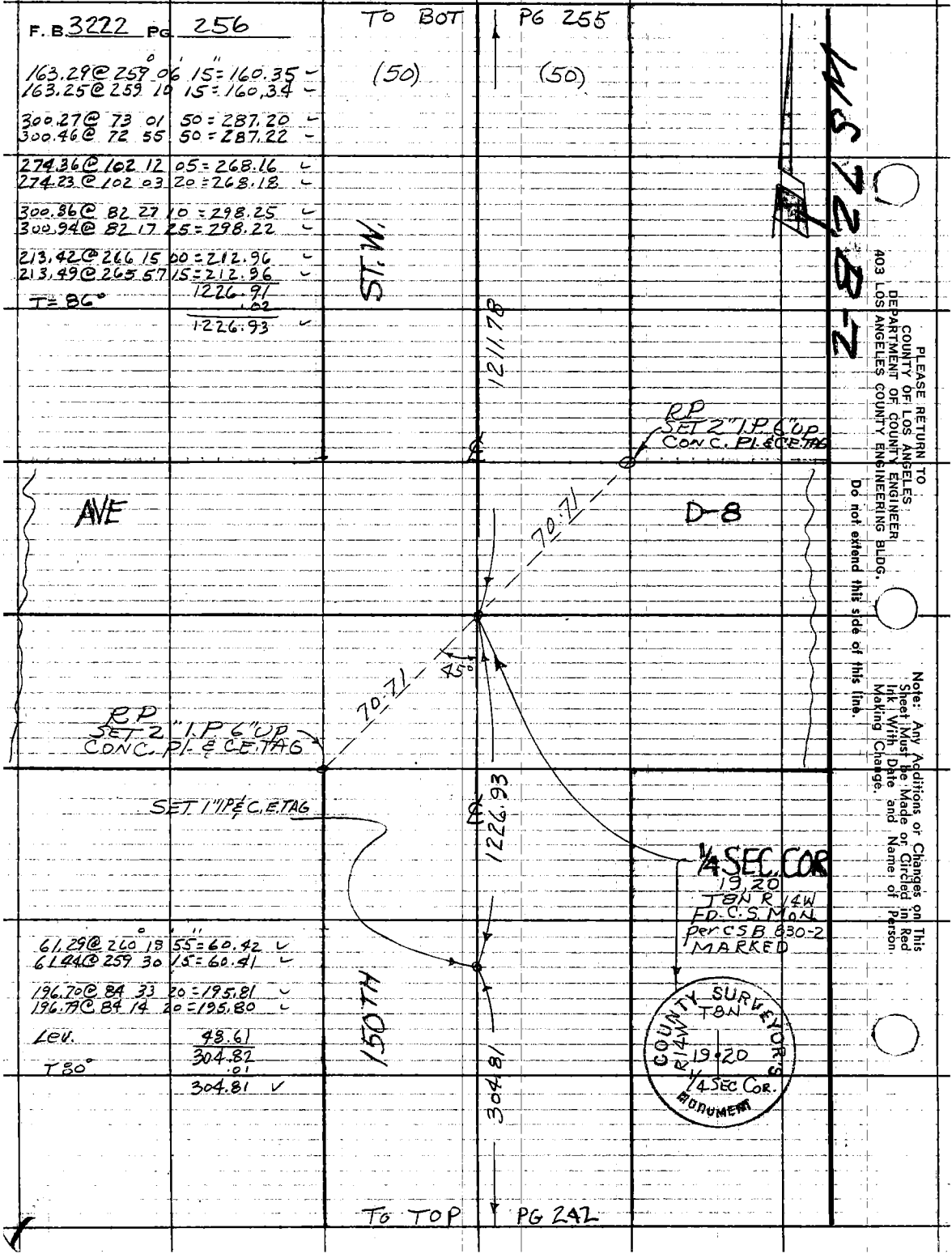
300.27 @ 73 01 50 = 287.20
300.46 @ 72 55 50 = 287.22

274.36 @ 102 12 05 = 268.16
274.23 @ 102 03 20 = 268.18

300.86 @ 82 27 10 = 298.25
300.94 @ 82 17 25 = 298.22

213.42 @ 266 15 00 = 212.96
213.49 @ 265 57 15 = 212.96

T = 86° 1226.91
.02
1226.93



61.29 @ 260° 18' 55" = 60.42
61.44 @ 259 30 15 = 60.41

196.70 @ 84 33 20 = 195.81
196.79 @ 84 14 20 = 195.80

Lev. 48.61
304.82
T 80° .01
304.81

PLEASE RETURN TO
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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.

JAA

Notes Ck'd by C. WRIGHT	Survey of 160th ST. W	F. B. 3222 Pg. 257
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F	
Office Work	Surveyed by J S COATES	
Checked R. BARTHOLOMEW	Notes JSC Date 9-23-71	
Date 11-74	Indexed C. J. GALLI OCT 20 '71	

COUNTY SURVEYOR'S MONUMENT
T8N R14W
29 32
1/4 SEC. COR

WS72 C-3

1/4 COR SEC 29.32
T8N R14W
FD. C.S. MON. FL.
Per C.S.B. 830-2
MARKED

145TH ST W

175.83

176.16 @ 93° 32' 20" = 175.82
176.22 @ 93° 46' 20" = 175.84
T = 88° = 175.83

P.O.L.
SET 1" I.P. 2" up
CONC. PL & C.E. TAG

208.94 @ 84° 29' 40" = 207.98
209.02 @ 84° 14' 00" = 207.96

300.48 @ 98° 27' 50" = 297.21
300.36 @ 98° 19' 40" = 297.19

301.30 @ 83° 59' 40" = 299.65
301.21 @ 84° 07' 20" = 299.63

Level 272.34
1077.15
T = 88° .03
1077.18

1077.18

AVE F

270.41 @ 86° 07' 40" = 269.79
270.37 @ 86° 20' 20" = 269.82

300.74 @ 94° 11' 50" = 299.93
300.67 @ 94° 04' 00" = 299.91

301.10 @ 86° 42' 00" = 300.60
301.17 @ 86° 32' 00" = 300.62

299.54 @ 91° 37' 40" = 299.42
299.54 @ 91° 30' 40" = 299.44

P.O.L.
SET 1" I.P. 3" up
CONC. PL & C.E. TAG

Level 221.53
1391.28
T = 88° .04
1391.32

1391.32

(50) (50)

TO RT. SIDE PG 229

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

Do not extend this side of this line.

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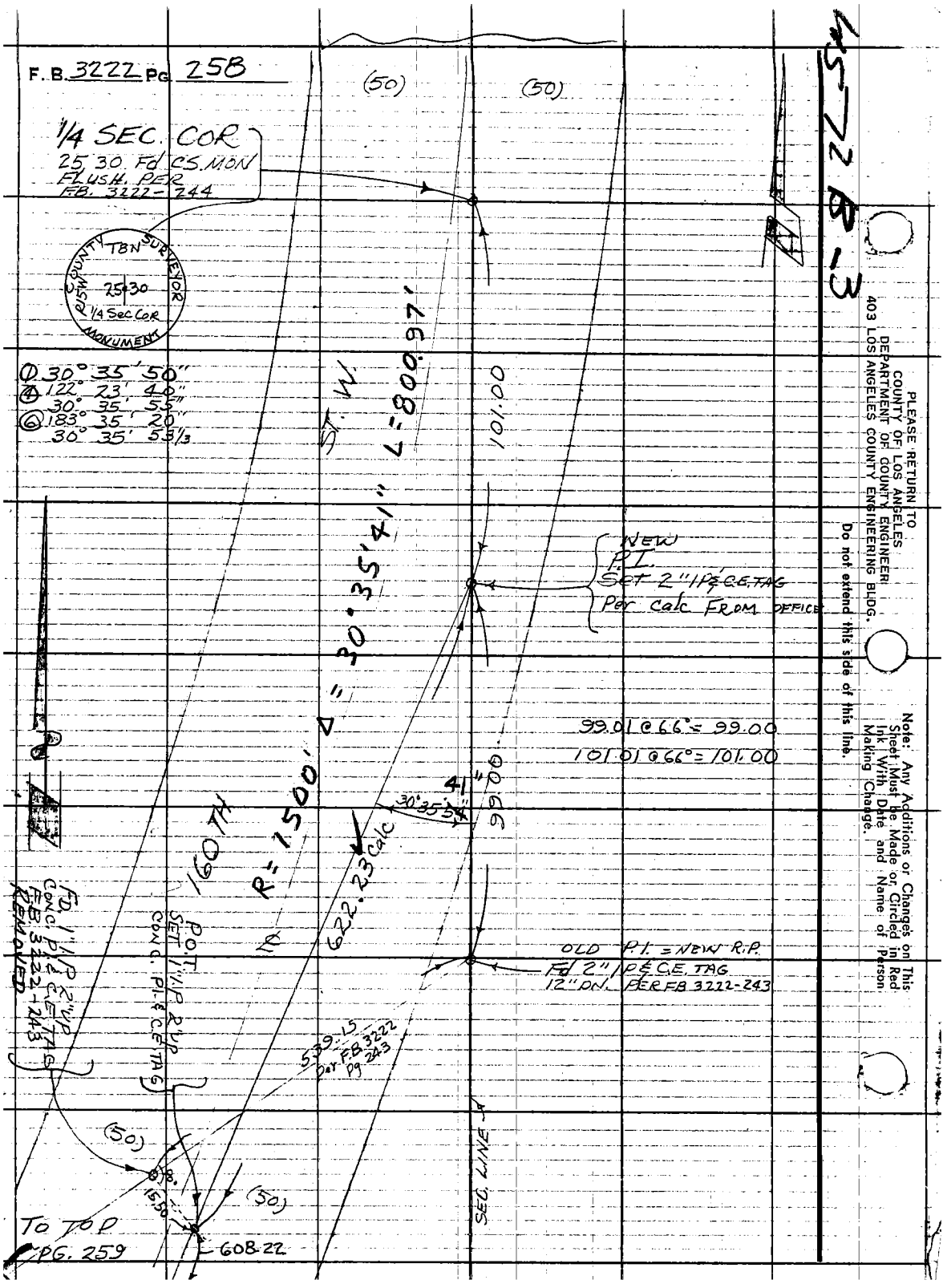
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69


F.B. 3222 Pg. 258
1/4 SEC. COR
25 30 Fd CS. MON
FLUSH. PER
F.B. 3222-244
COUNTY SURVEYOR
TBN
25 30
1/4 Sec Cor
MONUMENT
① 30° 35' 50"
④ 122° 23' 40"
30° 35' 55"
⑥ 183° 35' 20"
30° 35' 53 1/3
(50)
(50)
ST. W.
R = 1500' Δ = 30°35'41" L = 800.97'
101.00
NEW
P.I.
Set 2" I.P. & C.E. TAG
Per calc FROM OFFICE
99.01 @ 66° = 99.00
101.01 @ 66° = 101.00
41"
30°35'54"
99.00
160TH
622.23 calc
OLD P.I. = NEW R.P.
Fd 2" I.P. & C.E. TAG
12" DN. PER FB 3222-243
539.15
Per F.B. 3222
Pg 243
P.O.T.
SET 1" I.P. 2" UP
CONC. P.I. & C.E. TAG
FD. 1" I.P. 2" UP
CONC. P.I. & C.E. TAG
F.B. 3222-243
REMOVED
(50)
(50)
SEC. LINE
TO TOP
PG. 259
608.22
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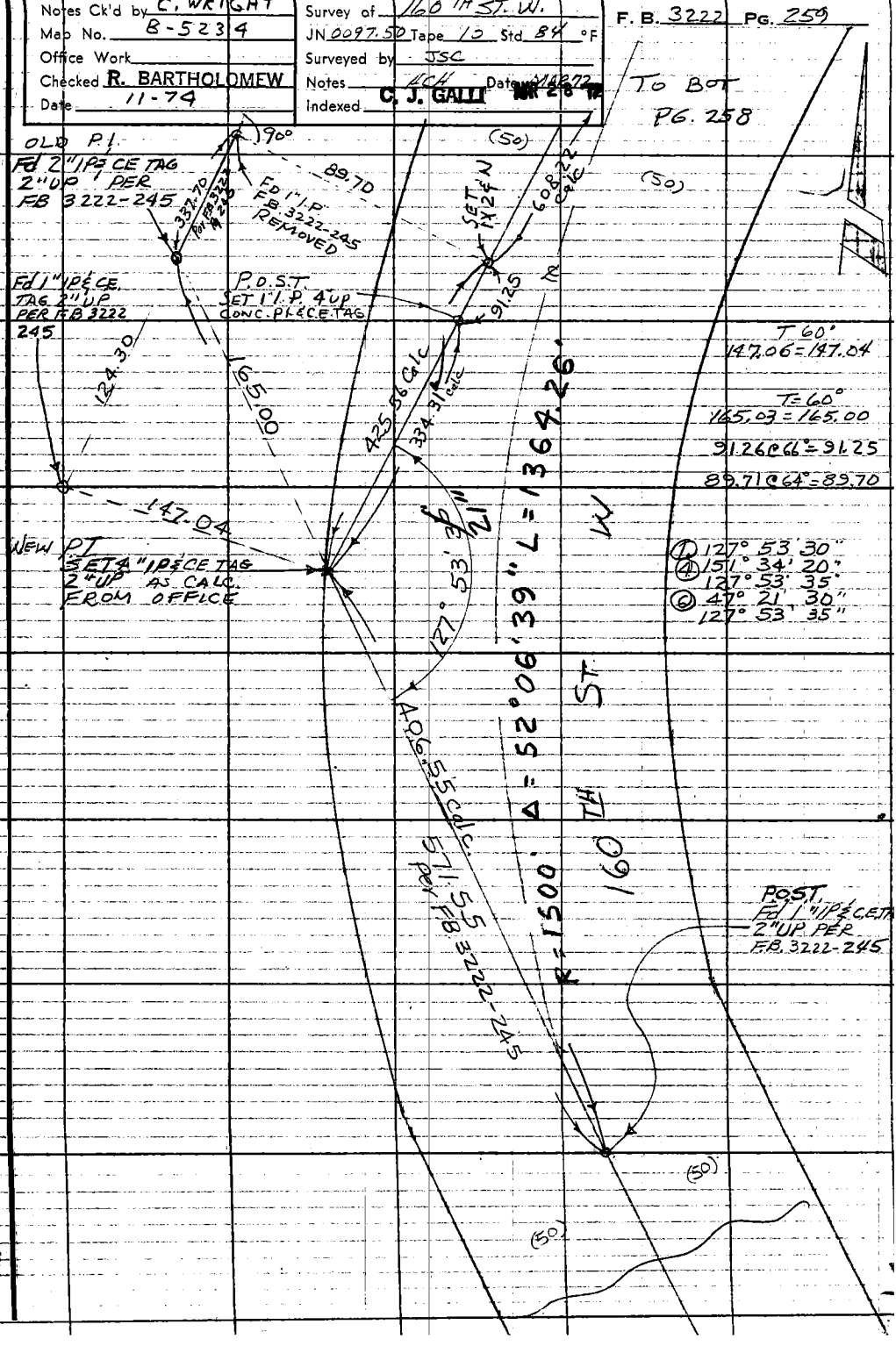
Notes Ck'd by C. WRIGHT	Survey of 160 TH ST. W.	F. B. 3222 PG. 259
Map No. B-5234	JN 0097.50 Tape 10 Std 84 °F	
Office Work	Surveyed by JSC	
Checked R. BARTHOLOMEW	Notes ACH Date MAR 72	
Date 11-74	Indexed C. J. GALLI MAR 28 '74	



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