PWFB 0317

Notes Ck'd by	Survey of Rolling Hills S.S. Dist.
Map No.	JN 3721.34 Tape [illegible] Std [illegible] °F
Office Work	Surveyed by E. English
Checked	Notes E.S. Date [illegible]
Date	Indexed C. J. GALLI JAN [illegible]

F. B. [illegible] PG. 5

ROLLING HILLS ESTATES

S.S. DIST. No 5.

J.N. 3721.34

PALOS VERDES AREA

CENTERLINE SURVEY

MARCH 10, 1973
E. ENGLISH
L. SHOEMAKER
R. CLIFFORD
L. TULLER

May [illegible]
English
Shoemaker
Creason
Johnson

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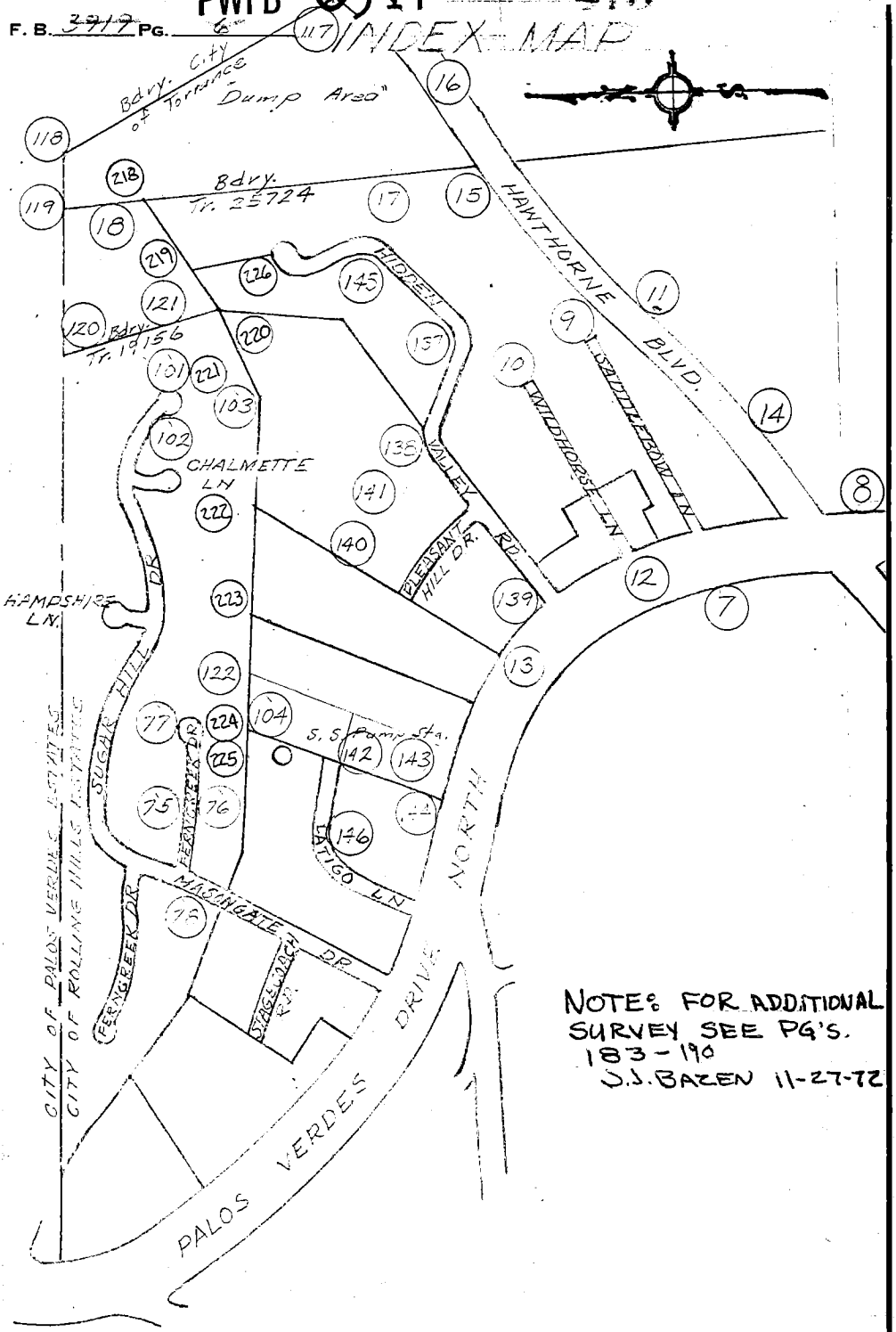
Microfilmed Dec '84.

761 CE#310 3-68

PWFB 0317

F. B. 3912 PG. 6

INDEX MAP



NOTE: FOR ADDITIONAL SURVEY SEE PG'S. 183-190
S.J. BAZEN 11-27-72

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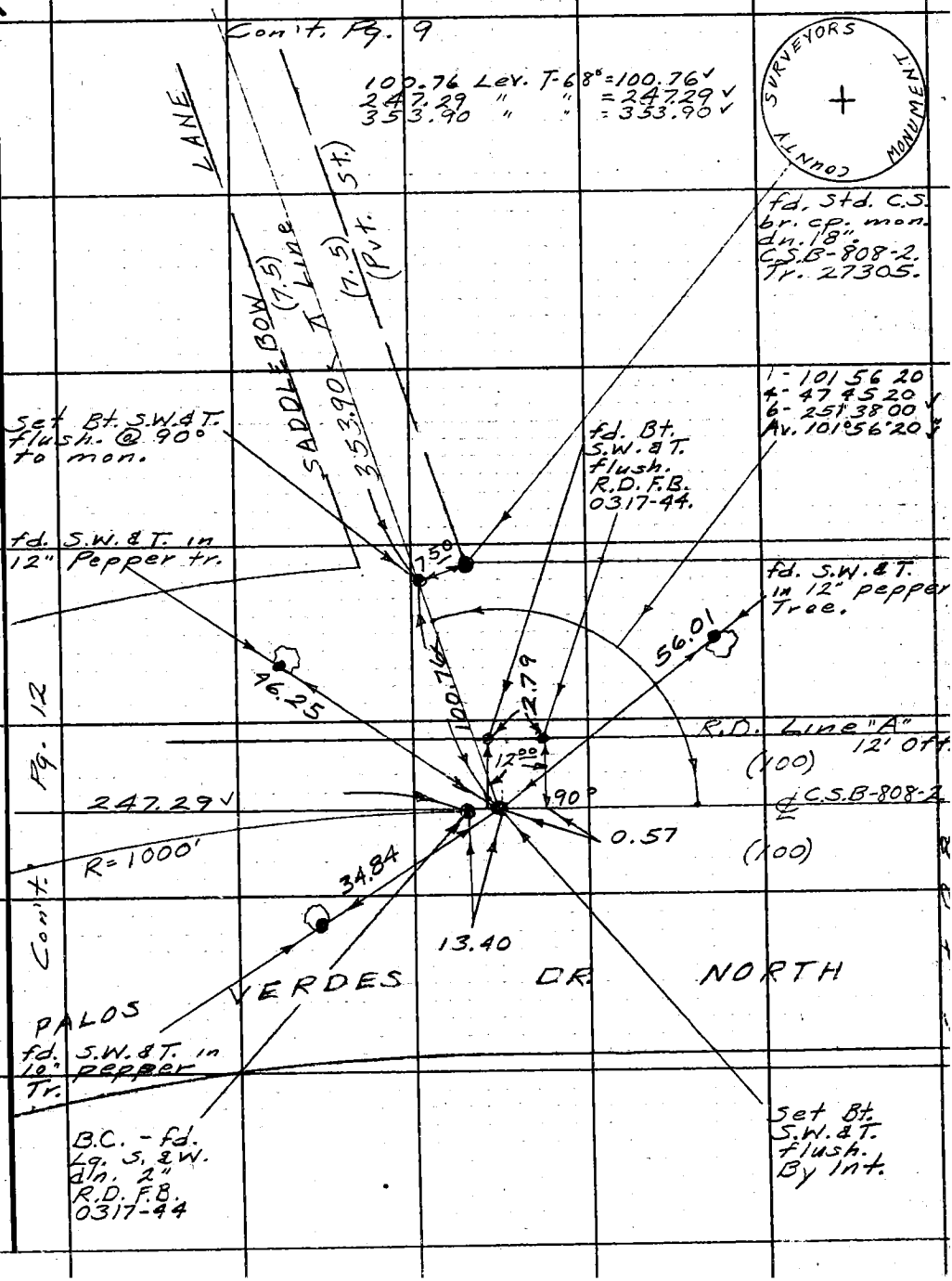
Notes Ck'd by J. Cavafaio	Survey of Rolling Hills #4
Map No.	JN 3731.34 Tape 202 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-70
Date	Indexed C. J. GALLI JN 4 70

F. B. ~~3919~~ PG. 7

W.S. 27, C-3



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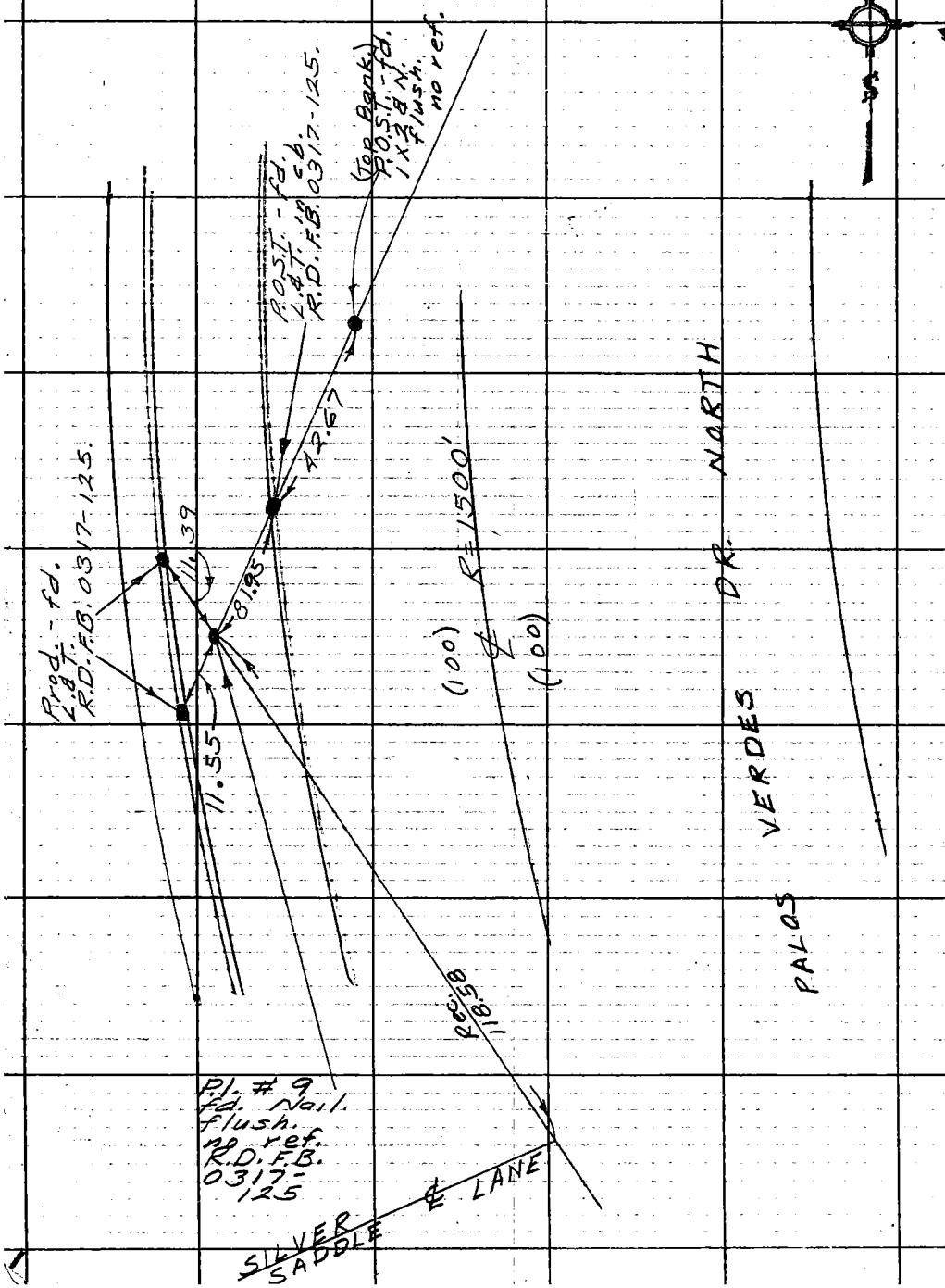
76F309S CE#310 3-68

PWFB 0317

F. B. ~~5919~~ PG. ~~58~~

Con't. Pg. 12.



W.S. 27, C-3

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W.S. 27, C-2

Notes Ck'd by J. Cavataio	Survey of Rolling Hills #5
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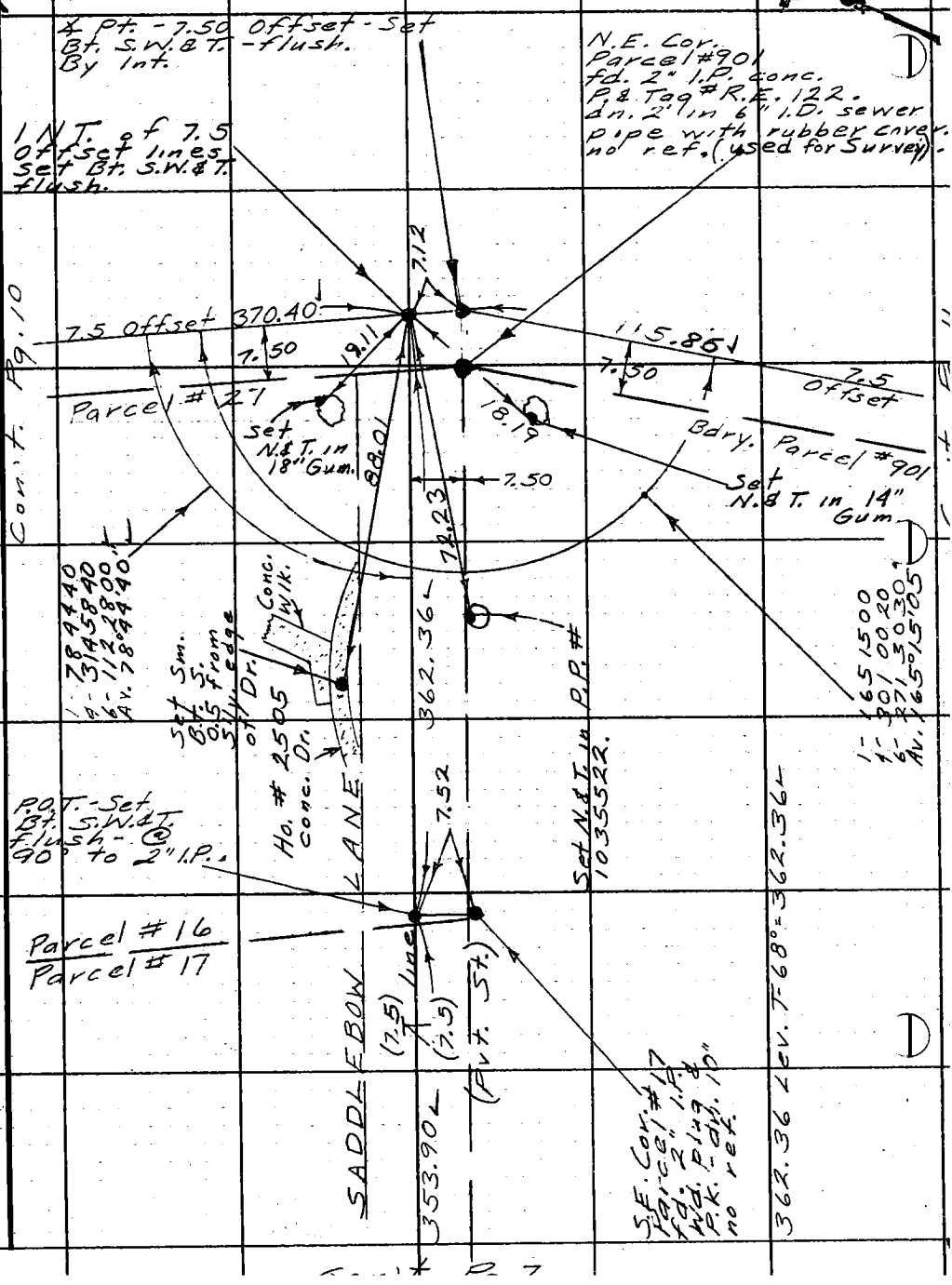
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-70
Date	Indexed C. J. GALLI JUN 4 70

F. B. ~~3979~~ Pg. ~~9~~



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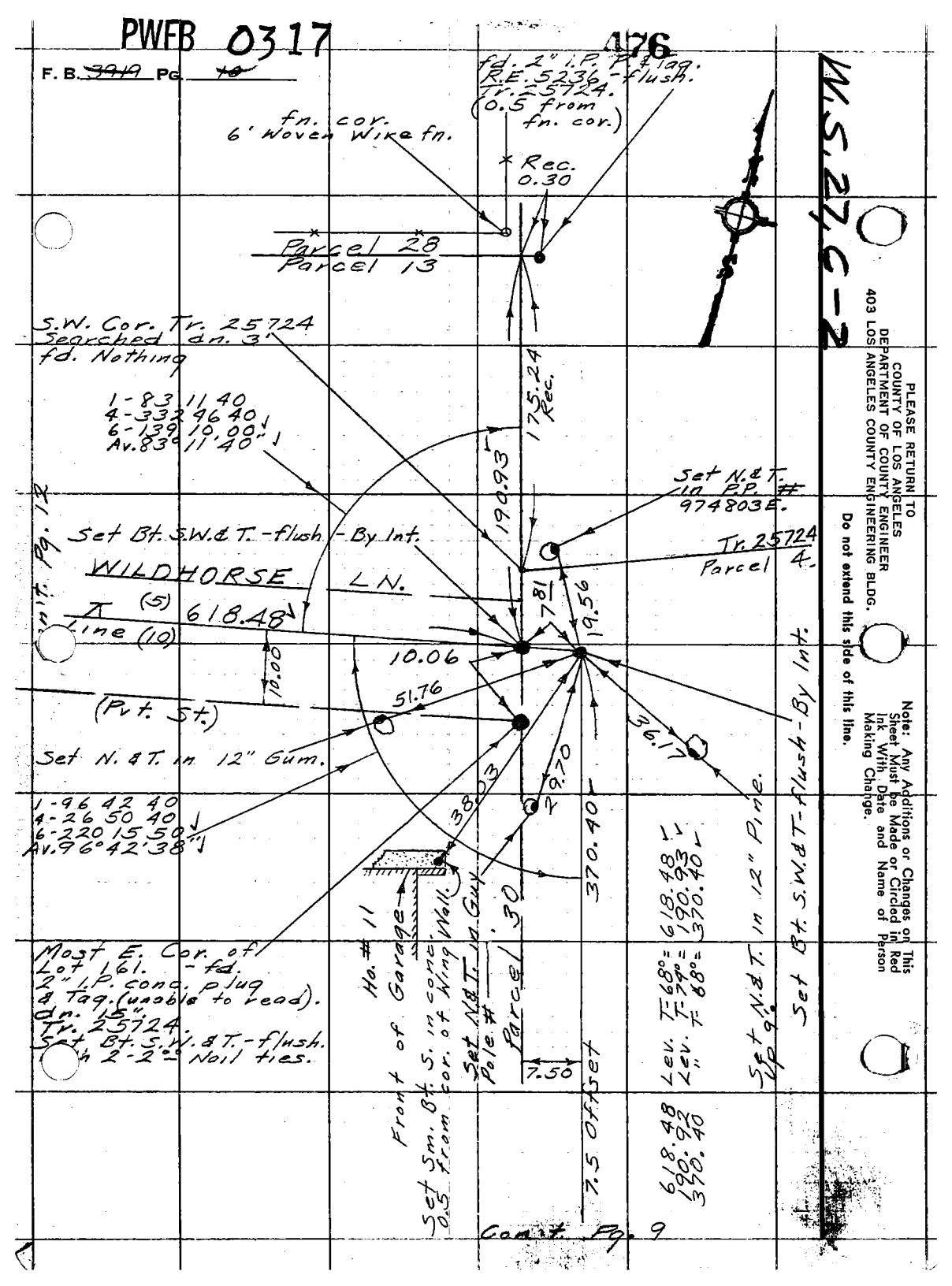
76F309S CE#310 3-68

PWFB 0317

F. B. 3949 Pg. 10

476



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PWFB 0318 588

M.S. 27 6-2

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Map No.:	JN 3731.34 Tape 262 Std 68 °F
Office Work:	Surveyed by: English
Checked:	Notes: Ed 1 Date 3-70
Date:	Indexed: C. J. GALLI 4 '70

F.B. ~~3919~~ Pg. ~~11~~

Con't. Pg. 15

Con't Pg. 14.

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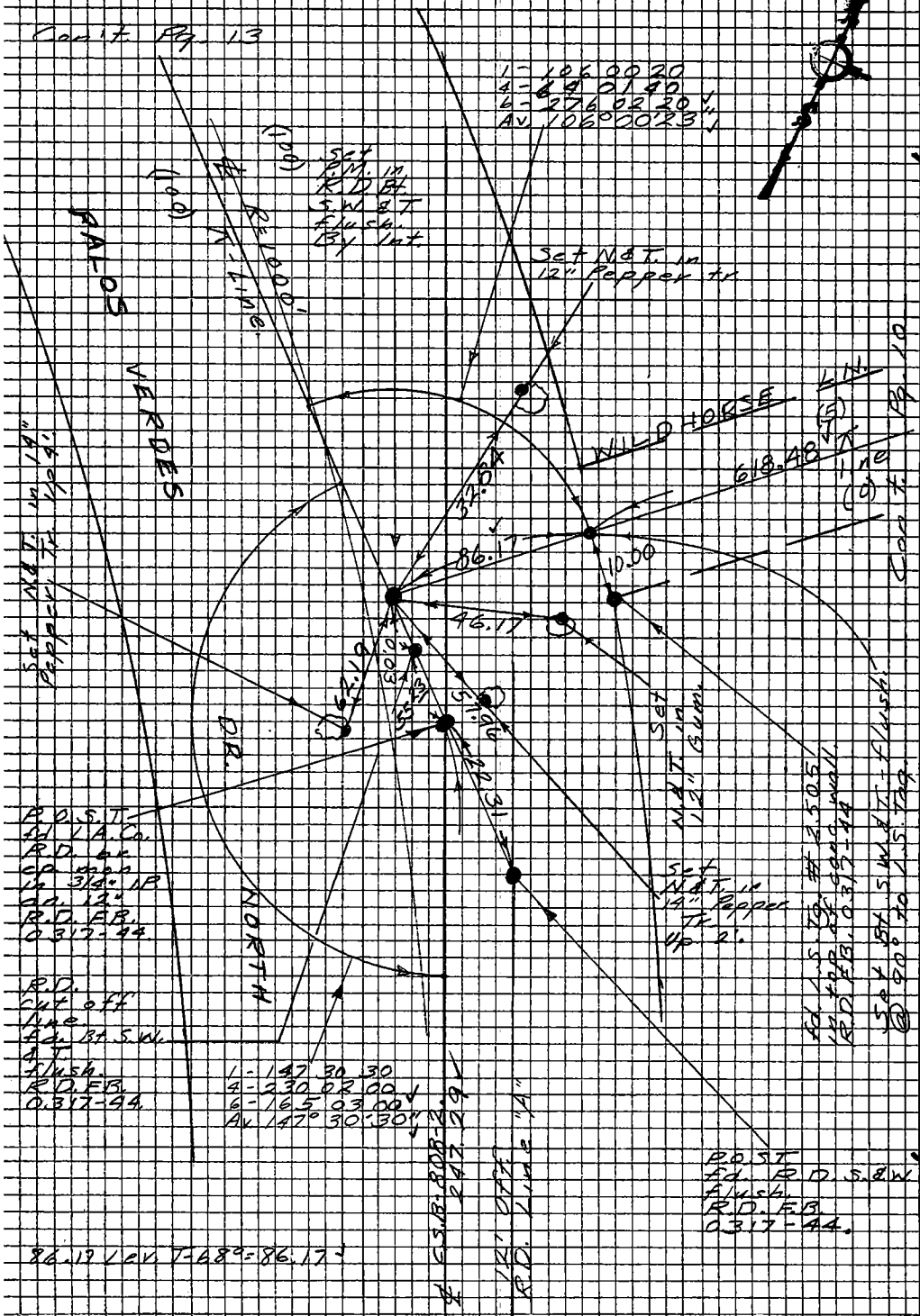
F.B. 3779 Pg. 72

Con't. Pg. 13



W.S. 27, C-3

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W.S. 27, C-3

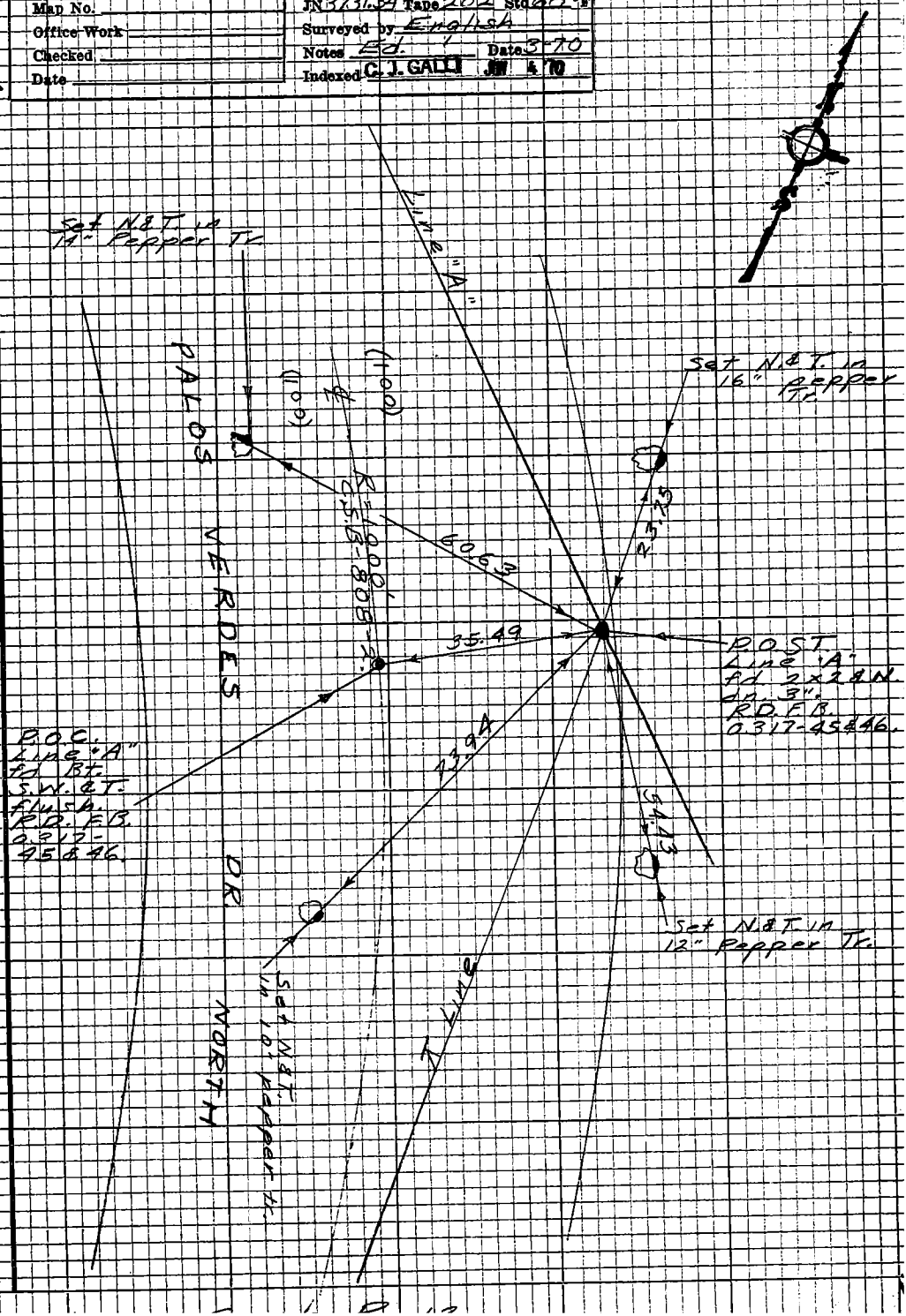
Con't. Pg. 7

PWFB 0317 478, 479

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 202 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-70
Date	Indexed C. J. GALLI JUN 4 70

F.B. 7919 Pg. 73

W.S. 27, C-2



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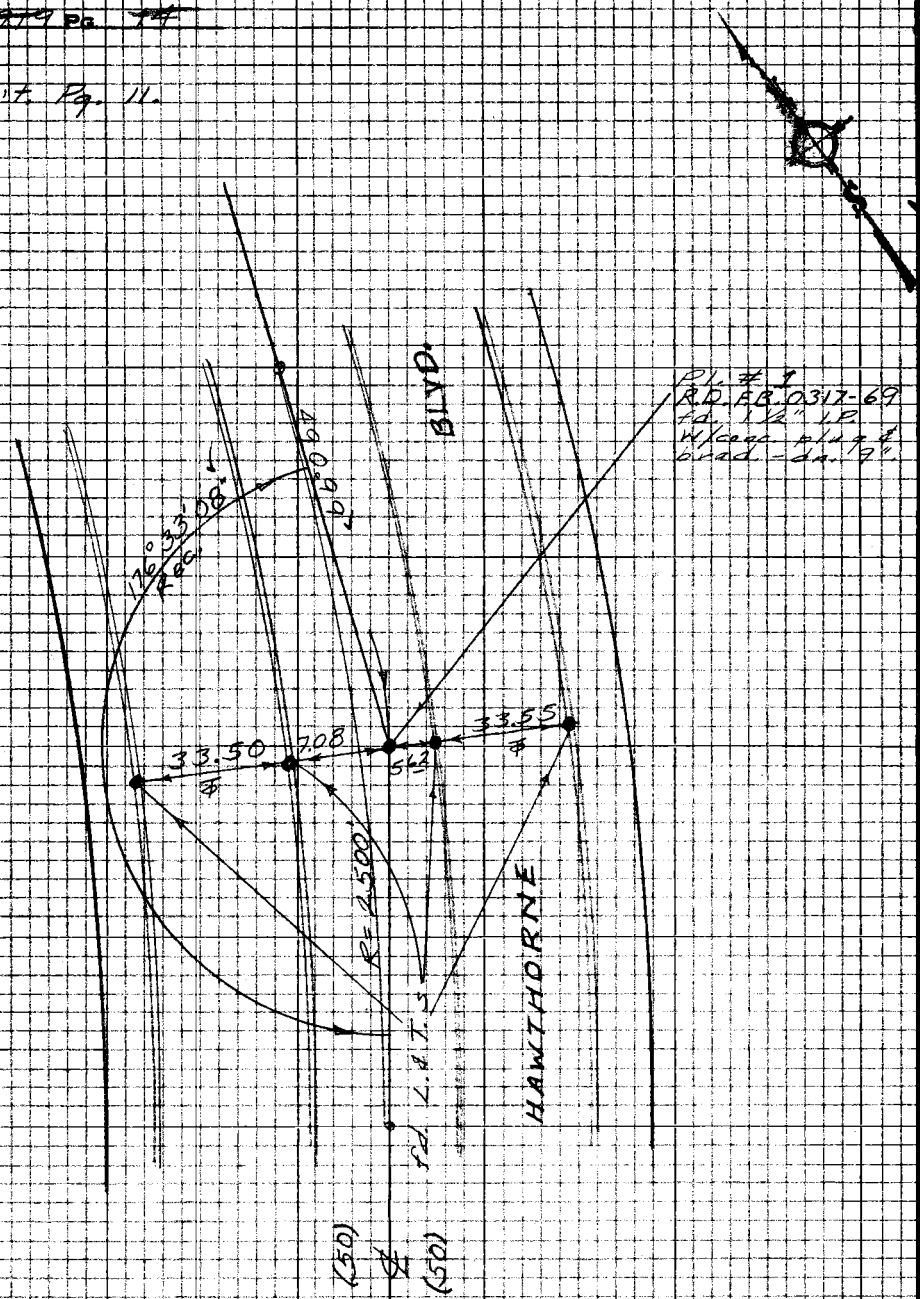
76P3095 CE #310 5-66

PWFB 0317

480

F.B. ~~3979~~ Pg. ~~14~~

Con't. Pg. 11.



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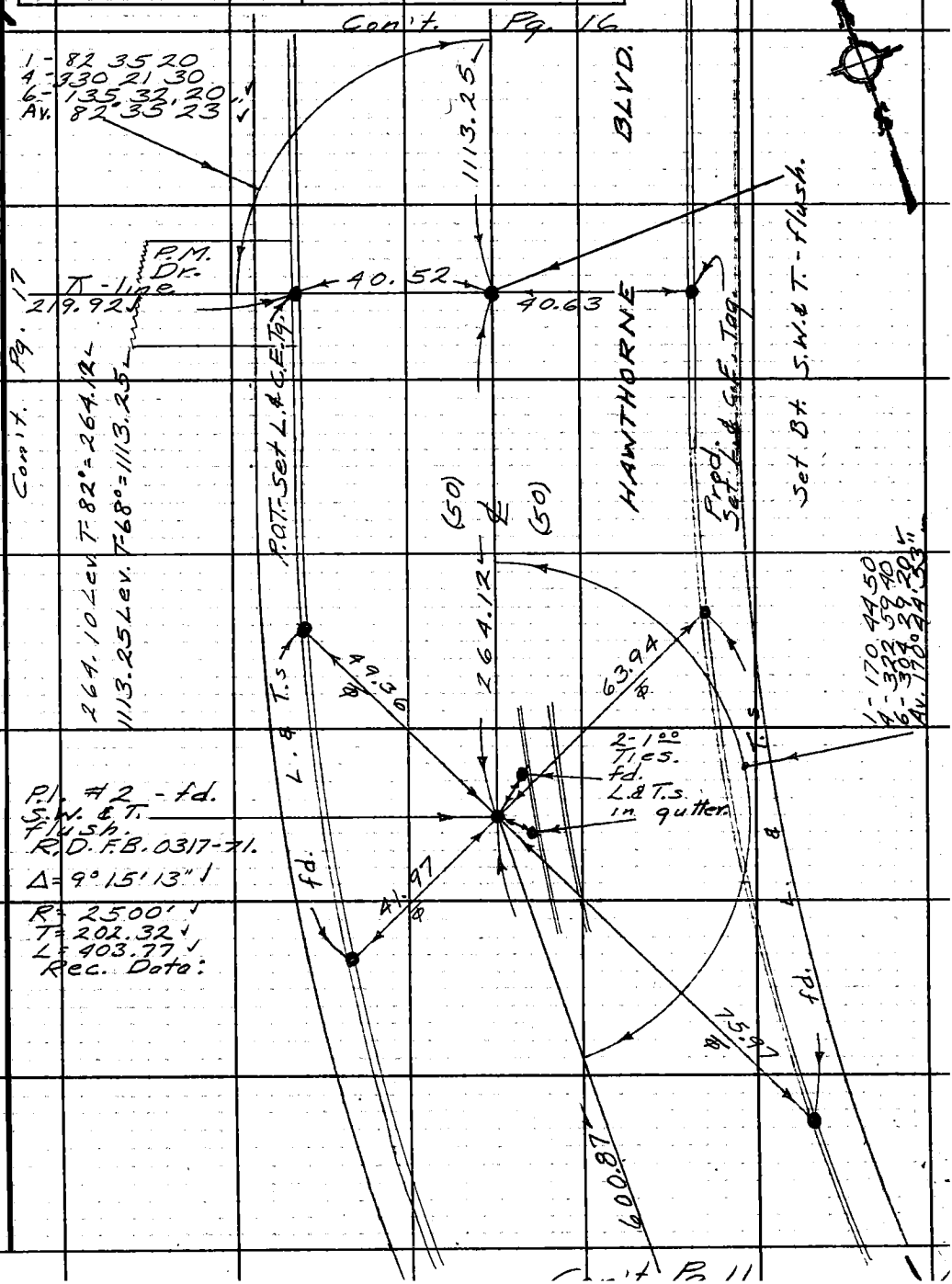
PWFB 0318 589

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 202 Std. 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-70
Date	Indexed C. J. GALLI JUN 4 70

F. B. ~~3717~~ Pg. ~~15~~

W.S. 27, D-2



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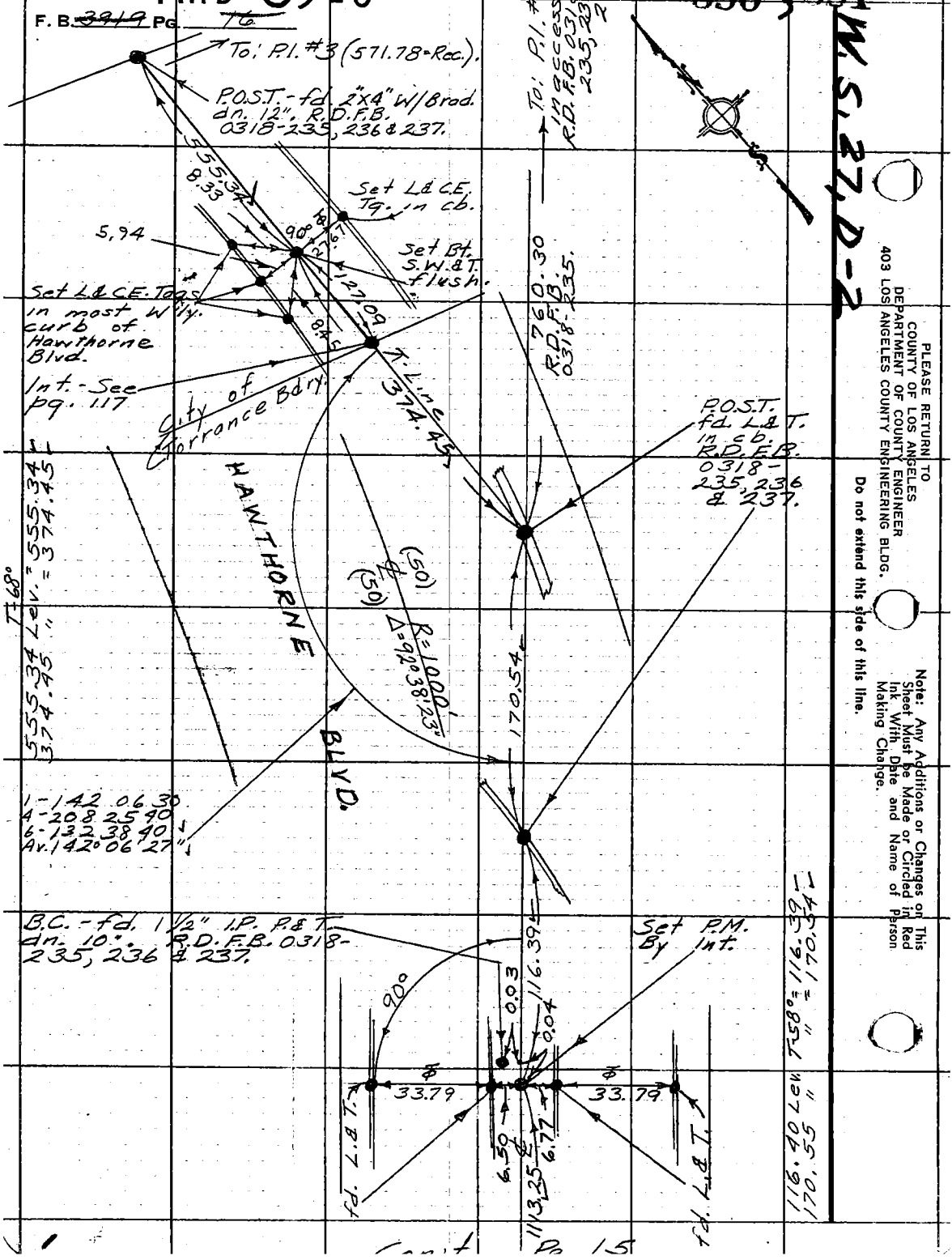
76F3095 CE#310 3-68

PWFB 0318

590, 591

F. B. ~~3919~~ Pg. 76



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Cont. Pg. 15

PWFB 0318

592

Notes Ck'd by [illegible]	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 1202 Std 68 °F
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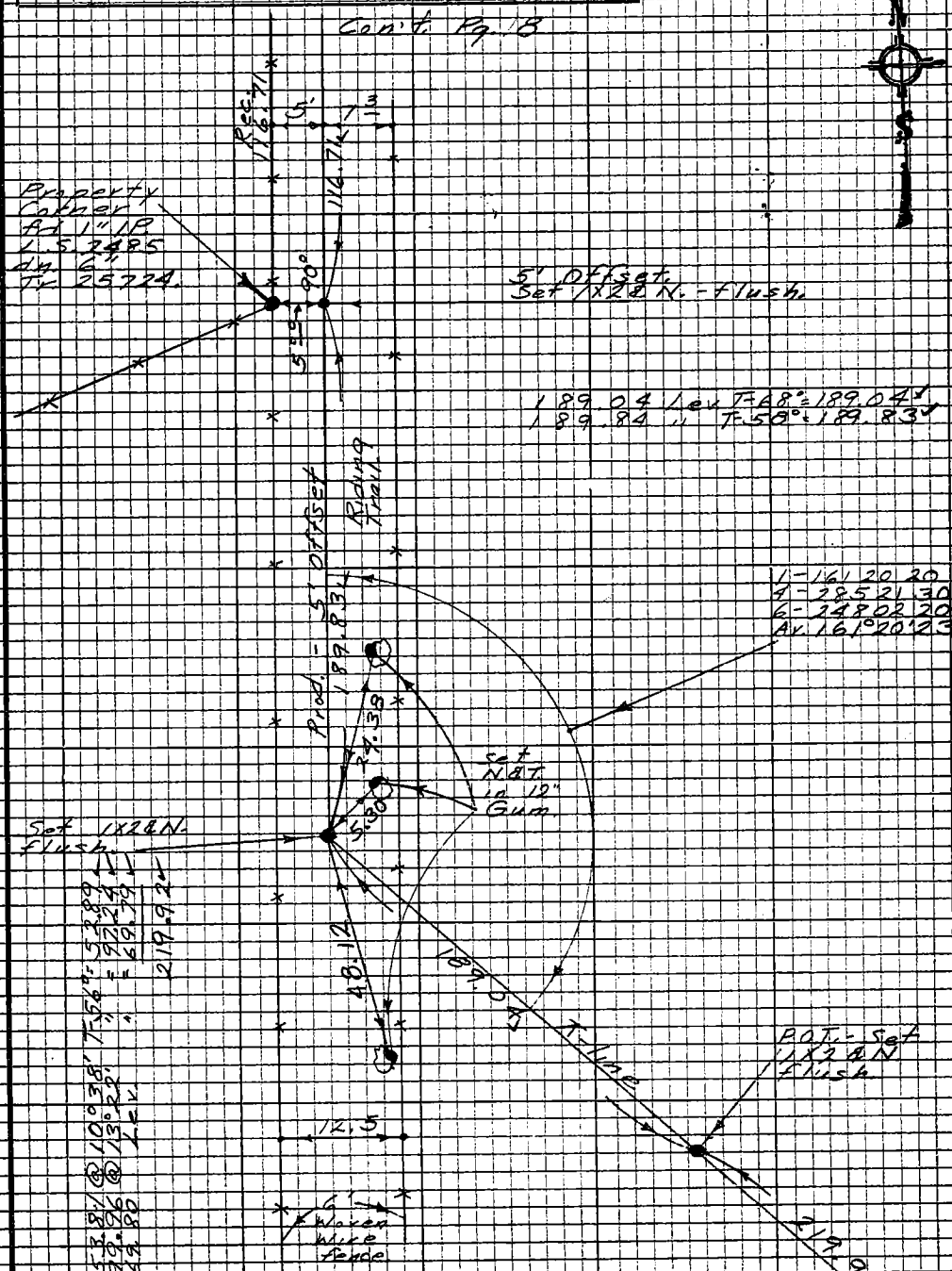
Checked	Notes Ed. Date 4-70
Date	Indexed C. J. GALLI JUN 4 70

F.B. 3919 Pg. 17

Con't. Pg. 18



Con't. Pg. 15

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76P309S CE #310 5-66

W.S. 27, C-2

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NOTES RED. JOB NO. 373134 SURVEY OF Rolling Hills Estates SS Dist #5 | F. B. 3919 PG. 19

DATE SURVEY BY E. English

NOTES CHKD. NOTES BY E.S. DATE 3-10-70

DATE INDEXED GALLI DATE MAR 13 70

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769420 S & E-353 4-54

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						ROLLING HILLS ESTATES
						S.S. DIST. NO. 5
						J.N. 373134
						PALOS VERDES AREA
						BENCH LEVELS
					11-24-76 BB	E. English E. Shoemaker R. Clifford E. Tullier
					FOR ADDITIONAL B.M.'s SEE PG'S 209-216 (F.B. 3919)	
		Ref:				
		Precise Level Line # 49				

F. B. ___ Pg. ___

JOB NO. 3731.34 SURVEY OF Rolling Hills Estates S.S. Dist #5 NOTES RED. ___

SURVEY BY E. English DATE ___

NOTES BY E.S. DATE 3-10-70 NOTES CHKD. ___

INDEXED Q.J. GALLI DATE ___ DATE ___

765420 R & E-353 4-54

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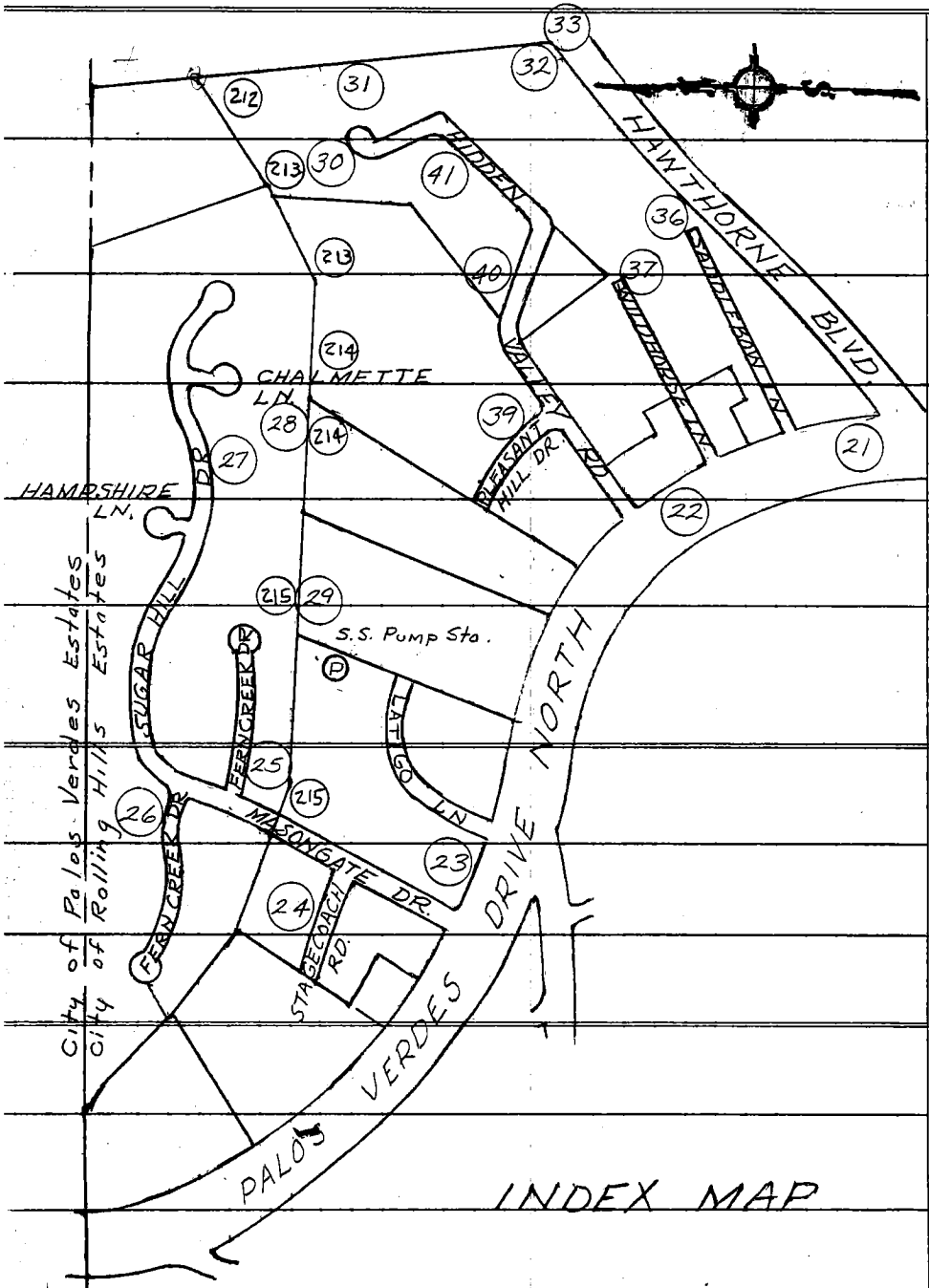

765420 S & E-353 4-54

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NOTES RED. JOB NO. 37121-04 SURVEY OF Rolling Hills Estates Tract #35
DATE SURVEY BY E. Eggers
NOTES CHKD. CADDELL NOTES BY E. Eggers DATE 3-16-70
DATE Apr 15 1970 INDEXED C.J. GALLI DATE Apr 15 1970
F.B. 3919 Pg. 21

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION (1965 Adj.)
B.M. 49-4 (Fd.)	465.846				465.846	B.M. 49-4; El. 465.846 FB 3700-19 Palos Verdes Drive N. & Silver Saddle Lane, S.E. Cor. In W. end of traffic island 11.8' NW'ly of N'ly cor. of a S.D. catch basin & 1.5' E'ly of the curb, set in the top of a 12" SQ. conc. post + flush with ch. (Rd Dept BY 5972 1965 Pg 7)
	3.499		3.704			
	469.345	-1.734	-1.732			
	5.233		5436			
TP 1	464.112					T.P. 1 Spk in pumt
+	4 952		4.723			
T	469.064	+1.854	+1.851			
-	3 098		2872			
B.M. BY 5973 (Fd.)	465 966				465.976	B.M. BY 5973. El. 465.976 Rd Dept Pg 7 Palos Verdes Drive N. & Hawthorne Blvd, 60'S & 57'E. of ℄ Int. In M.C.R. Bench nail in lead in top curb Marked B.M. #16. (1965)
+	5 053		5130			
T	471 019	-0.591	-0590			
-	5 644		5720			
BM BY 5974	465 375				465.374	BM BY 5974 El. 465.535 Rd Dept Pg 7 Palos Verdes Drive N & Hawthorne Blvd 55'S & 50'W of ℄ Int. In M.C.R. Bench nail in lead in top curb. Marked B.M. #15. (1965)
+	6 992		7038			
T	472 367	+6.795	+6.795			
-	0 197		0243			
T.P. 2	472 170					TP 2 Spk in pumt.
+	9 654		9.739			
T	481 824	+4.499	4.501			
-	5 155		5238			
BM A-3 (Fd.)	476 669				476.666	BM A-3 El 476.765 Rd Dept Pg 7 Palos Verdes Dr. N. & Saddleback Ln 50 E & 80' N. In top step conc walk to Ho # 4425 Bench nail in lead.

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM. A-3	476.669				476.666	BM A-3 See previous pg. for description.
+	6.984		6911			
π	483.653	+5.371	+5.372			
−	1.613		1539			
TP-3	482.040					TP-3 Spk in pvmt N
+	9.627		9.473			
π	491.667	+7.473	+7.473			
−	2.154		2.000			
TP-4	489.513					TP-4 Spk in pvmt N.
+	8.780		8.722			
π	498.293	+1.532	+1.531			
−	7.248		7191			
Fd. BM SY5975	491.045				491.039	BM. S.Y. 5975, El. 491.015 1965 Adj. Rd. Dept. Pg 7. Palos Verdes Drive N. & Wildhorse Lane. 100' N of ℄ & 45' W of ctr. pvmt. S.E Cor Conc Walk to Ho #4501 Bench nail in lead.
+	9.028		8839			
π	500.073	+7.108	+7108			
−	1.920		1731			
TP 5	498.153					TP-5 Spk. in pvmt. N
+	7.564		7292			
π	505.717	+5.230	+5.230			
−	2.334		2062			
Fd. BM SY5976	503.383				503.377	BM SY5976; El. 503.377 Rd Dept Pg 7 Palos Verdes Drive N & Hidden Valley Rd. 35' N & 60' E of ℄ Int. In conc. footing E. side of large stone mon. Rd. BM Tag in lead.
+	7.051		6862			
π	510.434	+3.556	+3.555			
−	3.495		3307			
T.P. 6	506.939					T.P.-6 Spk. in pvmt.

JOB NO. 3731.34 SURVEY OF S.S. Dist. #5 NOTES RED.
SURVEY BY E. English DATE
NOTES BY E.S. DATE 3-16-70 NOTES CHKD. D. SAPPELL
INDEXED C.L. GALLI DATE DATE APR 1970

F.B. 571.7 PG. 22

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP-6	506.939					T.P.-6 See previous pg.
+	5.468		5.536			
π	512.407	-0.916	-0.915			
−	6.384		6.451			
TP-7	506.023					T.P.-7 Spk in Pvmt
+	3021		2.892			
π	509.044	-2.608	-2.609			
−	5629		5501			
Fd BM 49-3	503.415				503.405	BM 49-3. El 503.405 (1965) F.B. 3700-17 Palos Verdes Drive N. & Silver Spur Rd. N. Side Palos Verdes Dr. N. & 215± 'E of Latigo Lane. 52' E'ly of capped 4" Water pipe & 11' N'ly of N. edge pvmt. Brass cap Mon Marked BM 49-3 1955 RE 5869 set in top of 12" sq. conc post flush with ground
+	2948		2803			
π	506.363	-3.311	-3.312			
−	6259		6115			
TP-8	500.104					T.P-8 Spk in pvmt. N.
+	5946		5782			
π	506.050	-0.106	-0.103			
−	6052		5885			
TP-9	499.998					T.P-9 Spk in pvmt
+	4950		4878			
π	504.948	-0.970	0972			
−	5920		5850			
BM A-7	499.028				499.017	BM A-7. El 499.114 Rd Dept. Pg. 192 193 Masongate Dr & Palos Verdes Dr. N. N.E. Cor. 10' N of N. end C.R. Bench nail in lead in cb.

NOTES RED ____ JOB NO. 3731.34 SURVEY OF Rolling Hills Estates S.S. Dist #5
DATE ____ SURVEY BY E. English
NOTES CHKD D. SAPPELL NOTES BY E.S. DATE 3-16-70
DATE APR 15 1970 INDEXED C.J. GALLI DATE APR 13 70

F.B. 3919 PG. 23

76S420 S & E-353 4-54

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JOB NO. 37134 SURVEY OF S.S. Dist #5 NOTES RED.
SURVEY BY Engineer DATE
NOTES BY Ed. DATE 3-70 NOTES CHKD D. SAPPELL
INDEXED C.J. GALLI DATE DATE APR 15 1970
F.B. 3919 PG. 24

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM A-7	499.028 ✓				499.017	BM A-7 See Previous Pg.
+	0.253		0307			
⊼	499.281	-10.704	-10.706 ✓			
−	10957		11.013			
TP 10	488.324 ✓					TP-10 Spk in Pvmt E
+	0.304		0.219			
⊼	988.628	-11.448	-11.449 ✓			
−	11.752		11.668			
TP 11	476.876 ✓					TP 11 Spk in pvmt W
+	0.303		0.223			
⊼	477.179	-11.458	-11.457 ✓			
−	11.761		11.680			
TP 12	465.418 ✓					TP 12 Spk in Pvmt W
+	0.366		0.433			
⊼	465.784	-11.276	11.276 ✓			
−	11.642		11.709			
T.P. 13	454.142 ✓					T.P. 13 Spk in pvmt S.
+	3.726		3.776			
⊼	457.868	+1.653	+1.653 ✓			
−	2.073		2.123			
Set BM F.H. 1	455.795 ✓				455.781	BM F.H.-1 El. Stage Coach Rd. N Side. 15' W'ly of W. edge drive to Ho.# 3. Set Spk. in conc. cb.
+	0.656		0.743			
⊼	456.451	-10.458	-10.457 ✓			
−	11.114		11,200			
T.P. 14	445.337 ✓					T.P. 14 Spk in pvmt W
+	0.557		0.633			
⊼	445.894	-9.766	-9.764			
−	10.323		10.397			
T.P.-15	435.571 ✓					T.P. 15 Spk in pvmt W.

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO 373.34 SURVEY OF S.S. Dist. #5
DATE _____ SURVEY BY E. Engvik F.B. _____
NOTES CHKD. SAPPELLI DATE 3-70 PG. 25
NOTES BY E.S. DATE
DATE APR 15 1970 INDEXED B.L. GALLI DATE 4137

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T. P. 15	435.571					T.P. 15 See previous pg.
+	0.860		0.951			
π	436.431	-7.056	-7.057			
−	7.916		8.008			
T.P. 16	428.515					T.P. 16 Spk in pvmt W.
+	3.572		3.643			
π	432.087	-2.417	-2.416			
−	5.989		6.059			
Set B.M. F.H 2	426.098				426.084	B.M. F.H. 2 El. Masongate Drive & Ferncreek Drive W. Side, 5' S'ly of ℄ Prod Ferncreek Dr., Set Spk in conc cb.
+	3.138		3.179			
π	429.236	-2.946	-2.946			
−	6.084		6.125			
TP 17	423.152					T. P. 17 Spk in pvmt. S.
+	4.714		4.778			
π	427.866	+0.526	+0.526			
−	4.188		4.251			
Set BM FH 3	423.678				423.663	BM F.H. 3 El Ferncreek Drive S. Side 11' W'ly of W. edge of Ely drive to Ho # 4712, Set spk in conc. cb.
+	4.987		4.874			
π	428.665	+0.621	+0.622			
−	4.366		4.252			
TP 18	424.299					T.P. 18 Spk in pvmt N.
+	8.853		8.752			
π	433.152	+1.660	+1.659			
−	7.193		7.093			
TP 19	425.959					TP 19 Spk in pvmt S.
+	0.514		0.627			
π	426.473	-9.720	-9.720			
−	10.234		10.347			
TP 20	416.239					TP 20 Spk in pvmt N.

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 3731.34 SURVEY OF S.S. Dist. #5
SURVEY BY E. Engliss DATE
NOTES BY E.S. DATE 3-17-70 NOTES CHKD SAPPELL
INDEXED C.T. GALLI DATE APR 15 1970 NOTES RED

F.B. [illegible] PG. 26

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 20	416.239 ✓					T.P. 20 See previous Pg.
+	0.299		0.436			
π	416.538	-10.578 ✓	-10.578 ✓			
−	10.877		11.014			
Set BM F.H. 4	405.661 ✓				405.644	B.M. F.H. 4. El.
+	8.573	✓	8.624			Ferncreek Dr. N. Side.
π	414.234	+8.293 ✓	+8.292 ✓			In front of Ho. # 7. 5' W. of
−	0.280		0.332			S.W. Cor. C.B. Set Spk. in conc.
						curb.
T.P 21	413.954 ✓					T.P. 21 Spk in pvmt S.
+	11.654	✓	11.713			
π	425.608	+11.344	+11.345 ✓			
−	0.310		0.368			
TP 22	425.298 ✓					T.P. 22 Spk in pvmt E
+	11.167	✓	11.249			
π	436.465	+9.542 ✓	+9.541 ✓			
−	1.625		1.708			
TP 23	434.840 ✓					T.P. 23 Spk in pvmt SE
+	8.567		8.646			
π	443.407	+1.123 ✓	+1.125 ✓			
−	7.444		7.521			
TP 24	435.963 ✓					T.P. 24 Spk in pvmt N
+	3.813	✓	3.885			
π	439.776	-1.986 ✓	-1.987 ✓			
−	5.799		5.872			
Set BM F.H. 5	433.977 ✓				433.959	BM. F.H. 5 El.
+	3.512	✓	3.605			Sugar Hill Drive S. Side
π	437.489	-3.888 ✓	-3.891 ✓			N.W. Cor of conc. walk to Ho #4722
−	7.400		7.496			Spk. in conc.
TP 25	430.089 ✓					T.P. 25 Spk in pvmt. S

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. 25	430.089					T.P. 25 Spk in pumt S.
+	3.250		3.325			
⊼	433.339	-3.840	-3.839			
−	7.090		7.164			
BM F.H. 6	426.249				426.229	BM F.H. 6 El. F.B.
+	1.387		1.464			Sugarhill Drive & Hampshire
⊼	427.636	-8.219	-8.219			Lane, N.E. Cor 5' E of E. end
−	9.606		9.683			C.R. Spk. in conc curb.
TP 26	418.030					T.P. 26 Spk. in pumt. S.
+	1.238		1.287			
⊼	419.268	-8.821	-8.822			
−	10.059		10.109			
B.M. F.H. 7	409.209				409.188	B.M. F.H. 7 El. F.B.
+	0.584		0.612			Sugarhill Drive & Chalmette Lane
⊼	409.793	-8.437	-8.435			S.E. Cor. 7' E of E end C.R.
−	9.021		9.047			Spk. in conc. curb.
B.M. F.H 8	400.772				400.758	BM. FH 8 El. F.B.
+	8.691		8.660			Sugarhill Drive E. End.
⊼	409.463	+8.437	+8.435			10' W. of C.B. Spk. in conc. curb
−	0.254		0.225			
T.P. 27	409.209					1x2
+	6.630		6.770			
⊼	415.839	-4.414	-4.416			
−	11.044		11.186			
T.P. 28	404.795					"
+	4.947		4.852			
⊼	409.742	-6.601	-6.601			
−	11.548		11.453			"
TP 29	398.194					"

NOTES RED. JOB NO. 3731.34 SURVEY OF S.S. Dist. #5
DATE SURVEY BY E. English
NOTES CHKD. SAPPELL NOTES BY E.S. DATE 3-70
DATE APR 15 1970 INDEXED C.J. GALLI DATE 100-13-70

F.B. PG. 27

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 29	398.194					1X2
+	1 438		1.354			
π	399.632	-9.603	-9.600			
−	11,041		10954			"
TP 30	388.591					
+	0 .207		0.189			
π	388.798	-11.790	-11.790			
−	11 .997		11.979			
Set BM FH 9	376.801				376.775	BM. FH 9 El F.B.
+	9 .693		9.713			Chalmette Lane 150± S. of
π	386.494	+8.955	+8.957			S. End. Behind Ho. #25919
−	0 .738		0,756			S. E Cor. of horse coral Bt. Spk.
						in 4"x4" corner fence post.
TP 32	385.756					
+	8.433		8.313			
π	394.189	+5.644	+5.640			
−	2 .789		2,673			
TP 33	391.400					1X2
+	9.034		8.934			
π	400.434	+8.406	+8.403			
−	0 .628		0.531			
TP 34	399.806					"
+	11.933		11892			
π	411 .739	+8.600	+8.599			
−	3.333		3.293			
B.M. F.H. 10	408.406				408.379	See next pg.

JOB NO. 3731.34 SURVEY OF S.S. Dist #5 NOTES RED
SURVEY BY E English DATE
NOTES BY A.S. DATE 3-17-70 NOTES CHKD. D. SAPPELL
INDEXED C.J. GALLI DATE APR 15 1970

F.B. PG. 28

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO 3731.34 SURVEY OF S.S. Dist #5
DATE _____ SURVEY BY E. Englick
NOTES CHKD APPELL NOTES BY E.S. DATE 3-17-70
DATE APR 15 1970 INDEXED C.J. GALLI DATE APR 13 70

F.B. _____ PG. 29

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM Set FH10	408.406 ✓				408.379	BM FH10, El. FB.
+	11.021	✓	10.806			Latigo Lane 200'± N of N.E.
π	419.427	+9.648	+9.649 ✓			end. 80 N of S.S. primary sta.
−	1.373		1.157			10' W of W side of bridle trail.
						Center of 6'x6' conc. S.D. ditch
						end. Spk in conc.
TP 35	418.054 ✓					
+	11.874	✓	11.921			
π	429.928	+10697	+10.695 ✓			
−	1.177		1,226			
TP 36	428.751 ✓					1x2
+	11.911	✓	11.855			
π	440.662	+7.881	+7.881 ✓			
−	4.030		3.974			
TP 37	436.632 ✓					"
+	0.596	✓	0.472			
π	437.228	-8.624	-8.624 ✓			
−	9.220		9.096			
TP 38	428.008 ✓					"
+	3.623	✓	3574			
π	431.631	-4.560	-4.562 ✓			
−	8.183		8136			
TP 39	423.448 ✓					

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JOB NO 373.34 SURVEY OF S.S. Dist #5 NOTES RED
SURVEY BY E. Eng. Dept DATE
NOTES BY E.S. DATE 3-17-70 NOTES CHKD SAPPELL
INDEXED C.J. GALLI DATE DATE APR 15 1970
F.B. PG. 30

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 39	423.448					
+	3.963		4.054			
⊼	427.411	-3.351	-3.354			
−	7.314		7408			
TP 40	420.097					1x2
+	2.512		2.264			
⊼	422.609	-9.364	-9.368			
−	11.876		11.632			
TP 41	410.733					"
+	1.516		1.443			
⊼	412.249	-9.010	-9.010			
−	10.526		10.453			
TP 42	401.723					"
+	2.432		2.284			
⊼	404.155	-6.670	-6.669			
−	9.102		8.953			
TP 43	395.053					"
+	4.870		4.751			
⊼	399.923	+1.097	+1.097			
−	3.773		3.654			
TP 44	396.150					"
+	3.658		3.583			
⊼	399.808	-5.537	-5534			
−	9.195		9.117			
BM F.H.11	390.613				390.577	BM FH 11 El. RB. Hidden Valley Rd, N.E. End, S.E. Cor. C.B. at end of culdesac Spk in conc.
+	2.625		2.731			
⊼	393.238	-8.500	-8.501			
−	11.125		11.232			
TP 45	382.113					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 45	382.113					T.P. 45
+	8533		8786			
⊼	390.646	+4.988	+4.986			
−	3545		3800			
TP 46	387.101					TP 46
+	5457		5344			
⊼	392.558	+3.148	+3.147			
−	2309		2197			
Set BM FH 12	390.249				390.211	BM FH 12 El. F.B. Hidden Valley Rd. Behind Ho #48. W. Side of bridal trail. 10' N. of S.E. Cor. of retaining wall. Spk. in top of conc. ret. wall.
+	0343		0325			
⊼	390.592	-11.096	11.098			
−	11439		11423			
TP 47	379.153					
+	0377		0411			
⊼	379.530	-11.359	11.361			
−	11736		11772			
TP 48	367.794					
+	0997		1024			
⊼	368.791	-8.252	8253			
−	9249		9277			
TP 49	359.542					
+	2752		2790			
⊼	362.294	-2.888	-2.887			
−	5640		5677			
TP 50	356.654					
+	3.196		3082			
⊼	359.850	-5.448	-5.448			
−	8.644		8530			
[illegible]	[illegible]				351.164	BM FH 13 [illegible] See next pa

NOTES RED ____ JOB NO. 3731.34 SURVEY OF S.S. Dist #5
DATE ____ SURVEY BY E. English
NOTES CHKD SAPPELL NOTES BY E.S. DATE 3-13-70
DATE APR 15 1970 INDEXED C.L. GALLI DATE [illegible]

F.B. [illegible] PG. 31

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						See prev. pg.
BM FH 13	351.206				351.164	BM F.H. 13 El. F.B.
+	0.194		0.300			Hawthorne Blvd W. Side.
π	351.400	-9.777	-9.774			0.3 mi. N. of Palos Verdes Dr.
−	9.971		10.074			N. In the curb 1.5' N. of N. edge
						drive to Silver Spur Little
						League Ball Park. In front
T.P. 51	341.429					of P.P. # 1673833 E. Spk. in conc.
+	0.618		0.691			TP 51 Spk in pvmt
π	342.047	-9.280	-9.282			
−	9.898		9.973			
TP 52	332.149					spk.
+	0.403		0.465			
π	332.552	-9.685	-9.687			
−	10.088		10.152			
TP 53	322.464					
+	0.594		0.502			
π	323.058	-8.731	-8.731			
−	9.325		9.23[illegible]			
set BM F.H. 14	313.733				313.688	B.M. F.H. 14 El. F.B.
+	0.250		0.346			Hawthorne Blvd. W. Side.
π	313.983	-10.521	-10.523			0.4 mi N. of Palos Verdes Dr.
−	10.771		10.869			N. In the curb in front of
						P.P. #1673830 E. Spk in conc.
TP 54	303.212					TP 54 Spk. in pvmt. W.
+	0.485		0.536			
π	303.697	-9.835	-9.837			
−	10.320		10.373			
TP 55	293.377					TP 55 Spk in pvmt W.

JOB NO. 3731.34 SURVEY OF S.S. Dist #5 Rolling Hills Estates
SURVEY BY E. English
NOTES BY E.S. DATE 3-18-70
INDEXED C.J. GALLI DATE
NOTES RED DATE D. SAPPELL
NOTES CHKD DATE APR 15 1970

F.B. PG. 32

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DATE _____ SURVEY BY E. English
NOTES CHKD SAPPELL NOTES BY E.S. DATE 3-18-70
DATE APR 15 1970 INDEXED C.J. GALT DATE APR 17

F.B. _____ PG. 33

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 55	293 377 ✓					TP 55 See prev. pg.
+	0.481		0.548			
π	293.858	-9.881	-9.878 ✓			
−	10,362		10.426			
TP 56	283.496 ✓					TP 56 Spk in pvmt W
+	0.313		0.251			
π	283.809	-10.844	-10.845 ✓			
−	11.157		11.096			
TP 57	272.652 ✓					TP 57 Spk in pvmt W
+	0.932		0.866			
π	273.584	-9.981	-9.984 ✓			
−	10.913		10.850			
TP 58	262 671 ✓					TP 58 Spk in pvmt W
+	0.414		0.475			
π	263.085	-10.516	-10.517 ✓			
−	10.930		10.992			
TP 59	252 155 ✓					TP 59 Spk in pvmt W
+	0.373		0.395			
π	252.528	-9.813	-9.816 ✓			
−	10.186		10.211			
BM FH 15	242.342 ✓				242.291	BM FH 15, El. F.B.
	10.054		10.133			Hawthorne Blvd. W. Side
	252 396	+9.815	+9.817 ✓			0.6 mi. N of Palos Verdes Dr.
	0.239		0.316			N. In curb 13' S. of S. edge
						drive to "El Toro Plaza".
						Spk. in conc.
T.P. 60	252.157 ✓					T.P. 60 Spk in pvmt W

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION			
TP 60	252.157					See prev. pg.			
+	11.073		11.114						
π	263.230	+10.516	+10.517						
−	0.557		0.597						
TP 61	262.673					TP 61	Spk. in pvmt.	W	
+	10474		10405						
π	273.147	+9.980	9.980						
−	0.494		0425						
TP 62	272.653					TP 62	Spk. in pvmt.	W	
+	11.199		11164						
π	283.852	+10.844	+10.843						
−	0.355		0321						
TP 63	283.497					TP 63	Spk in pvmt.	W	
+	10.489		10404						
π	293.986	+9.881	+9.882						
−	0.608		0522						
TP 64	293.378					TP 64	Spk in pvmt.	W.	55
+	10.270		10.187						
π	303.648	+9.836	+9.834						
−	0.434		0353						
TP 65	303.214					TP 65	Spk in pvmt.	W	
+	10.712		10.740						
π	313.926	+10.521	+10.521						
−	0.191		0.219						
BM FH 14	313.735				313.688	BM FH 14	El.	F.B.	
+	9.404		9.283						
π	323.139	+8.733	+8.732						
−	0.671		0551						
TP 66	322.468					TP 66	Spk in pvmt	W	

JOB NO. 3731.34 SURVEY OF S.S. Dist #5 NOTES RED
SURVEY BY E. English DATE
NOTES BY E.S. DATE 3-18-70 NOTES CHKD D. SAPPELL
INDEXED C.L. GALLI DATE DATE APR 1 5 1970

F.B. PG. 34

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NOTES RED _____ JOB NO 373.34 SURVEY OF S.S. Duct #5
DATE _____ SURVEY BY E. English
NOTES CHKD APPELL NOTES BY E. S. English DATE 7-18-70
DATE APR 5 1970 INDEXED G.J. GALLI DATE APR 13 70
F.B. 511 PG. 35

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION		
TP 66	322.468					T.P. 66	See prev Pg.	
+	10.286		10.226					
π	332.754	+9.685	+9.687					
−	0.601		0.539					
TP 67	332.153					TP 67	Spk. in pvmt.	W.
+	9.898		9.965					
π	342.051	+9.280	+9.280					
−	0.618		0685					
TP 68	341.433					TP 68	Spk. in pvmt	W.
+	10.216		10.166					
π	351.649	+9.774	+9.775					
−	0.442		0.391					
BM FH 13	351.207				351.164	BM FH 13	See pg. 32	
+	10.190		10.229					
π	361.397	+9.687	+9.687					
−	0.503		0.542					
TP 69	360.894					T.P. 69	Spk. in pvmt.	W.
+	10.253		10.311					
π	371.147	+9.678	+9.675					
−	0.575		0.636					
TP 70	370.572					T.P. 70	Spk. in pvmt.	W
+	10.148		10.201					
π	380.720	+9.721	+9.722					
−	0.427		0479					
TP 71	380.293					T.P. 71	Spk. in pvmt.	W.
+	10.748		10.782					
π	391.041	+10.416	+10.415					
−	0.332		0367					
TP 72	390.709					TP 72	Spk. in pvmt.	W.

768420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 72	390.709					T.P. 72 See prev. pg.
+	11.154		11.092			
⊼	401.863	+10.596	+10.596			
−	0.558		0.496			
TP 73	401.305					T.P. 73 Spk. in pvmt. W.
+	6.752		6.648			
⊼	408.057	+2.817	+2.815			
−	3.935		3.833			
Set BM.F.H.16.	404.122				404.063	BM FH 16; El. F.B. Hawthorne Blvd. W. Side. 0.2 mi. N. of Palos Verdes Drive N. In the conc. curb in front of P.P. # 1629186 E
+	9.809		9.846			
	413.931	+9.493	+9.492			
−	0.316		0.354			
T.P. 74	413.615					T.P. 74 Spk in pvmt
+	11.062		11.068			
⊼	424.677	+10.515	+10.514			
−	0.547		0.554			
TP 75	424.130					T.P. 75
+	7.833		7.947			
⊼	431.963	+6.240	+6.241			
−	1.593		1.706			
BM. F.H. 17.	430.370				430.310	BM. F.H. 17; El. F.B. Saddlebow Lane N. end, W. side. In E. edge circleur conc. drive in front of Ho. # 2505. 1' S'ly of line of S. edge conc. walk to house. Spk in conc.
+	3.219		3.304			
⊼	433.589	+0.055	+0.056			
−	3.164		3298			
TP 76	430.425					T.P. 76 Spk in pvmt N.

F.B. ''' PG. 36

JOB NO. 3731.34 SURVEY OF S.S. Dist. #5 Monthly Rms Estates
SURVEY BY E. English DATE 3-18-70 NOTES RED. DATE
NOTES BY E.S. DATE NOTES CHKD. D. SAPPELL
INDEXED C.L. GALLI DATE APR 15 1970

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 76	430.425					T.P. 76 See prev. Pg.
+	7.833		7.899			
⊼	438.258	+6.257	+6.254			
−	1.576		1.645			
TP 77	436.682					TP 77 Spk in pvmt W.
+	5.991		6141			
⊼	442.673	−1.005	−1.005			
−	6.996		7146			
B.M. F.H. 18	435.677				435.614	B.M. F.H. 18; El. F.B.
+	11.940		11.894			Wildhorse Lane. N. end, E
⊼	447.617	+11.417	+11.417			side. In the conc. walk at the
−	0.523		0477			N.W. cor. of Ho # 10
						Spk. in conc.
T.P. 78	447.094					T.P. 78
+	11.384		11663			
⊼	458.478	+11.050	+11.050			
−	0.334		0613			
TP 79	458.144					TP 79 Spk. in pvmt W.
+	11.974		11.928			
⊼	370.118	+11.674	+11.673			
−	0.300		0255			
TP 80	469.818					TP 80 Spk. in pvmt E.
+	11.937		11.895			
⊼	481.755	+11.621	+11.620			
−	0.316		0275			
TP 81	481.439					TP 81 Spk in pvmt. E.

NOTES RED ____ JOB NO. 3731.34 SURVEY OF S.S. Dist. #5
DATE ____ SURVEY BY E. English
NOTES CHKD. J. SAPPELL NOTES BY E.S. DATE 3-18-70
DATE ADD 1 5 1970 INDEXED C. J. GALLI DATE [illegible]

F.B. PG. 37

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 81	481.439 ✓					TP 81 See prev. pg.
+	10.423		10387			
⊼	491.862	+9,666 ✓	+9,664 ✓			
-	0.757		0723			see F.B. 3919-22
Fd. BM SY5975	491.105 ✓				491.039	B.M. S.Y. 5975 El. 491.015 F.B. Palos Verdes Drive N. & Wildhorse Lane. 100' N of ℄ & 45' W. of ctr. pvmt. S.E Cor. of the conc. walk to Ho. #4501. Bench nail in lead.

F. B. PG. 38

JOB NO. 3731.34 SURVEY OF S.S. Dist #5 NOTES RED

SURVEY BY E. English DATE

NOTES BY E.S. DATE 3-18-70 NOTES CHKD D. SAPPELL

INDEXED C.J. GALLI DATE APR 15 1970

76S420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd BM. SY 5976	503.383				503.377	B.M. SY 5976; El. 503.377 F.B.
+	0.826		0868			Palos Verdes Drive N & Hidden
⊼	504.209	-9.376	-9.376			Valley Rd. 35' N. & 60' E. of ℄
−	10.202		10244			Int. In conc. footing E. side
						of large stone mon. Rd. BM. Tag
						in lead. - el. = 503.383, Pg.
T.P. 82	494.007					T.P. 82 Spk. in pvmt E.
+	0.227		0364			
⊼	494.234	-9.839	-9.838			
−	10.066		10202			
TP 83	484.168					T. P. 83 Spk. in pvmt E.
+	0.349		0.441			
⊼	484.517	-9.715	-9.713			
−	10064		10154			
TP 84	474.453					TP 84 Spk in pvmt E.
+	1.884		1.835			
⊼	476.337	-6.512	-6.513			
−	8.396		8348			
Set BM FH 19	467.941				467.939	BM. FH. 19; El. F.B.
+	0.596		0.635			Hidden Valley Rd. E. side. In the
⊼	468.537	-7.998	-7.998			curb 16' N. of N. edge drive
−	8594		8633			To Ho. # 4, in front of P.P. #
						1357690 E. Spk. in conc.
T.P. 85	459.943					T.P. 85
+	5916		5789			
⊼	465.859	+1.287	+1.287			
−	4629		4502			BM. F.H. 20; El. F.B.
Set BM F.H. 20	461.230				461.229	Pleasant Hill Rd. N. side. In the
						curb 3' E. of E. edge conc drive to
						Ho # 5. Spk. in conc.

NOTES RED ____ JOB NO. 3731.34 SURVEY OF Rolling Hills #5
DATE ____ SURVEY BY English
NOTES CHKD D. SAPPELL NOTES BY Ed. 1 DATE 3-70
DATE APR 15 1970 INDEXED C. L. GALLY DATE [illegible]

F.B. PG. 39

768420 S & E-353 4-54

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Do not extend notes this side of this line

F.B. Pg. 40

JOB NO. 3731.34 SURVEY OF Rolling Hills #5

SURVEY BY Engrs. DATE 3-20

NOTES BY C.L. GALLI DATE

INDEXED DATE

NOTES CHKD SAPPELL DATE APR 15 1954

NOTES RED.

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM FH 20	461.230				461.229	
+	3.979		4.156			
⊼	465.209	-4.956	-4.956			
−	8.935		9112			Spk.
TP 86	456.274					
+	0.353		0.330			
⊼	456.627	-11.084	-11.085			
−	11.437		11.415			
T.P. #87	445.190					"
+	0.276		0.319			
⊼	445.966	-11.192	-11.194			
−	11.468		11.513			
T.P. #88	433.998					"
+	0.662		0.619			
⊼	434.660	-9.639	-9.639			
−	10301		10.258			
T.P. #89	424.359					"
+	2.193		2.241			
⊼	426.552	-5.631	-5.629			
−	7.824		7.870			
Set B.M. FH. 21	418.728				418.730	B.M. FH-21 0.15 N.E'ly. from Palos Verdes Dr. No. & 6' N.E.'ly. from driveway to No. #17 Hidden Valley Rd.; Bt. Spk. in N'ly. cb.
+	2.486		2.516			
⊼	421.214	-5.938	-5.937			
−	8.424		8.453			
T.P. #90	412.790					
+	2.640		2.675			
⊼	415.430	-5.532	-5.532			
−	8172		8.207			
TP 91	407.258					

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO. 373.34 SURVEY OF Rolling Hills #5
DATE _____ SURVEY BY Ed. DATE 3-70
NOTES CK'D SAPPELL NOTES BY _____ DATE _____
DATE APR 15 1970 INDEXED B.L. GALLI DATE APR 13 70

F.B. _____ PG. 41

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 91	407 258 ✓					F.B. F.H. 22
+	2,633		2.674			0.25 N.E'ly from Palos Verdes
π	409.891	-4.780	-4.781 ✓			dr. No. & 2' S.W'ly from
−	7.413		7.455			driveway to Ho. # 37 Hidden
BM FH 22	402.478 ✓				402.482	Valley Rd., Bt. Spk. in N.W'ly
+	2.244		2.282			c.b.
π	404.722	-5.851	-5.851 ✓			
−	8095		8133			
TP 92	396.627 ✓					
+	3715		3636			
π	400.342	-2.946	-2.947 ✓			
−	6661		6583			
TP 93	393.681 ✓					
+	3657		3714			
π	397.338	-3.110	-3.111 ✓			
−	6767		6825			
BM FH 11	390.571 ✓				390.577	B.M. F.H. #11, el=
						See pg. 30

Notes Ck'd by	Survey of Rolling Hills #5	F.B. 3919 Pg. 43
Map No.	JN 3731.34 Tape 202 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. 1 Date 3-70	
Date	Indexed C. J. GALLI JN 4 70	

ROLLING HILLS
ESTATES

S.S. DIST. #5.

J.N. 3731.34
PALOS VERDES AREA.

Topography &
House connection
location & elev.s.

March 1970
English
Shoemaker
Stroud
Clifford

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76P309S CE #310 5-66

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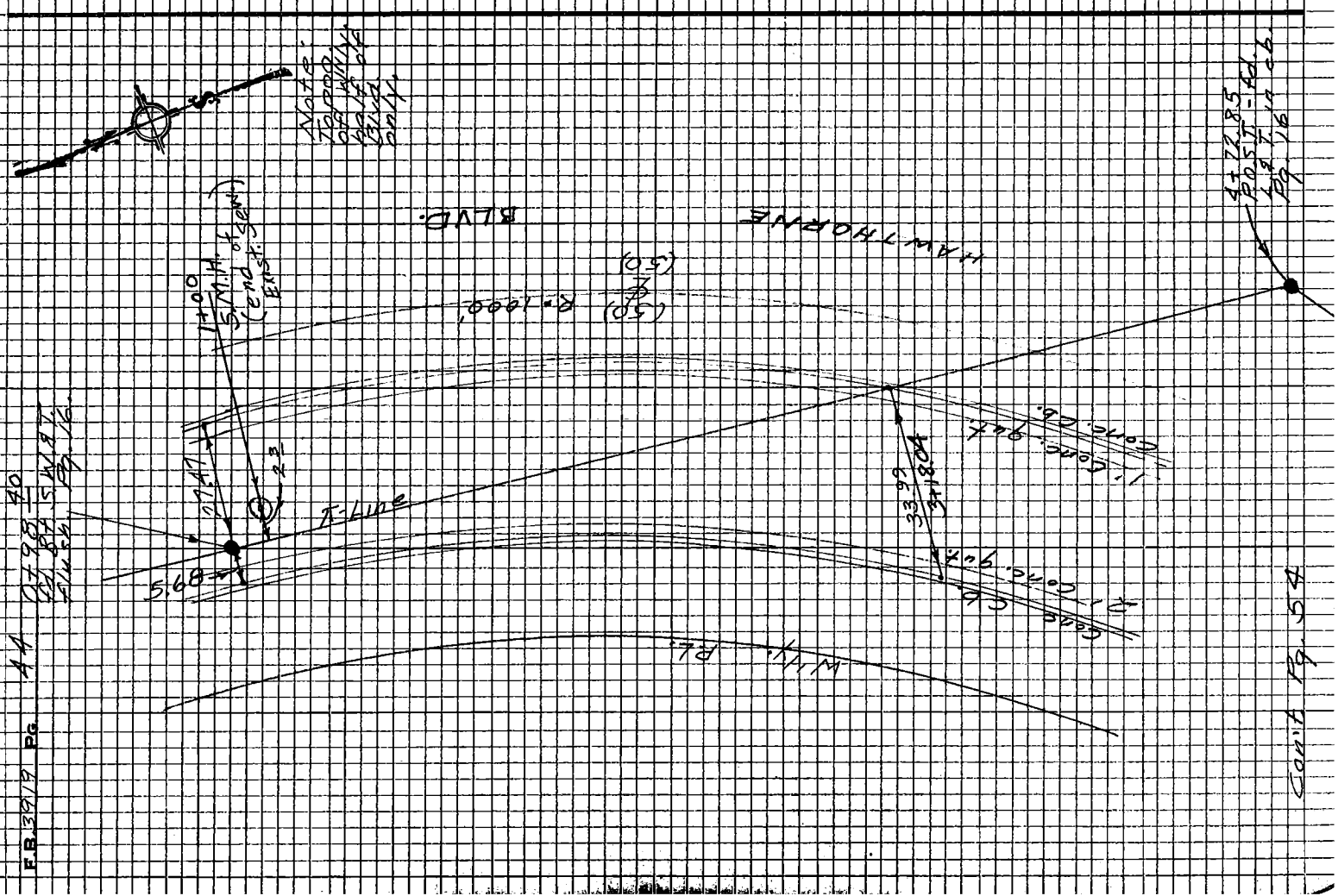
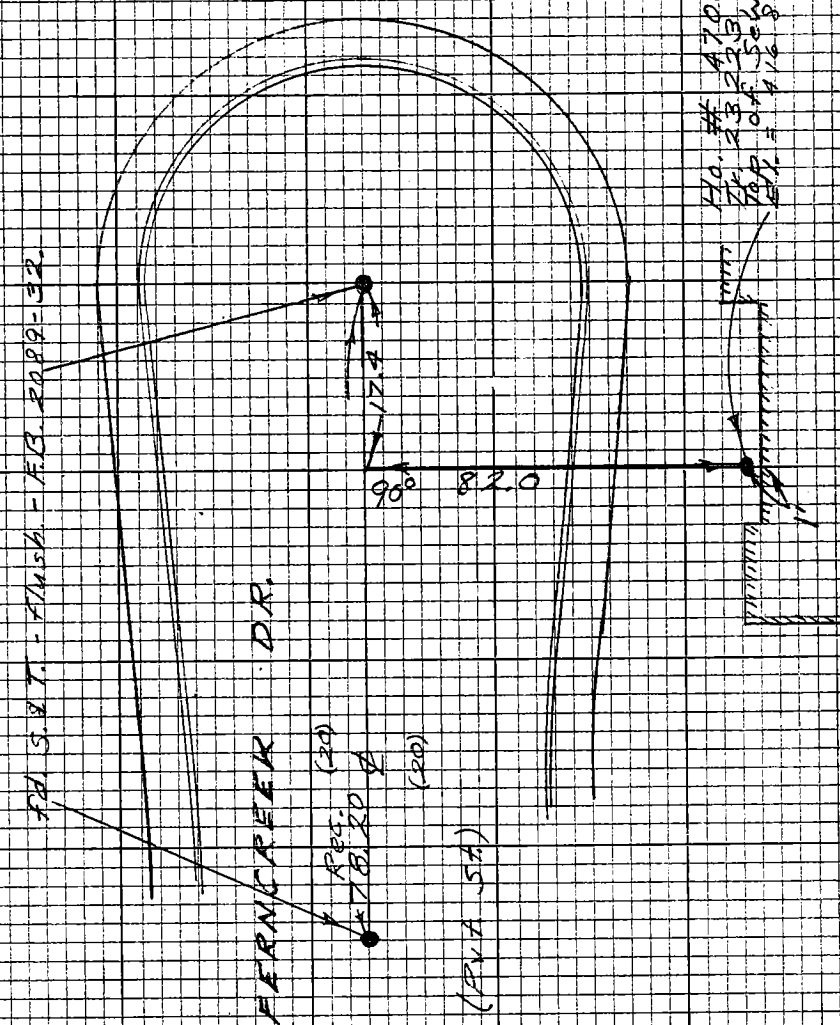


Notes Ck'd by	Survey of Rolling Hill #5	F.B. 5919 Pg. 45
Map No.	JN 3731.34 Tape 202 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. 1 Date 3-70	
Date	Indexed C. J. GALLI JUN 4 '70	

Used:
B.M. FH. 3
El. = 423.663
Pg. 25



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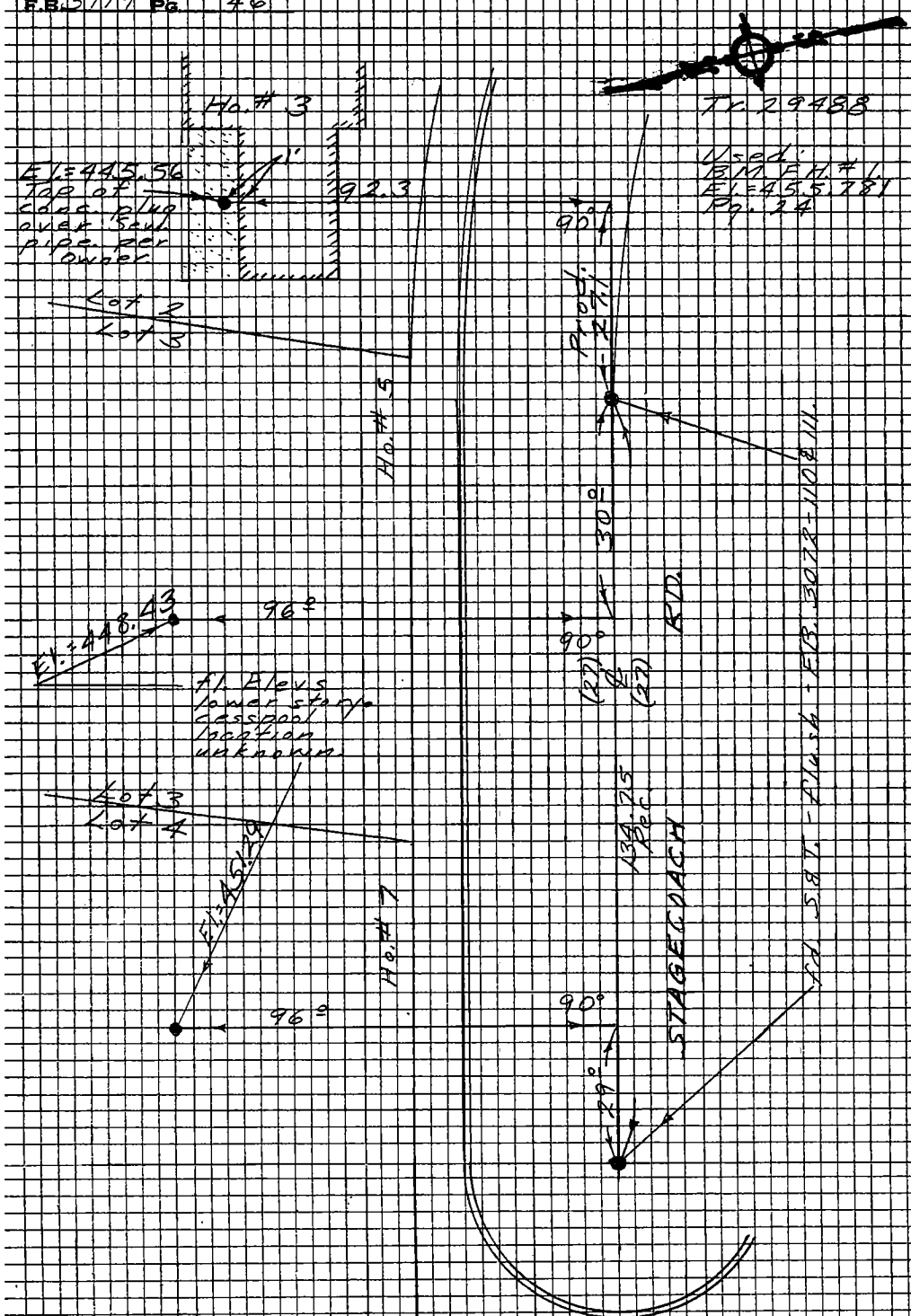
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P309S CE #310 5-66

F.B. 3919 Pg. 46



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Notes Ck'd by	Survey of Rolling Hills #5	F.B. 3919 Pg. 47
Map No.	JN 3731-34 Tape 202 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 3-70	
Date	Indexed C. J. GALLI JUN 4 70	

Used:
F.H. - 2
el = 426.084
pg. 25

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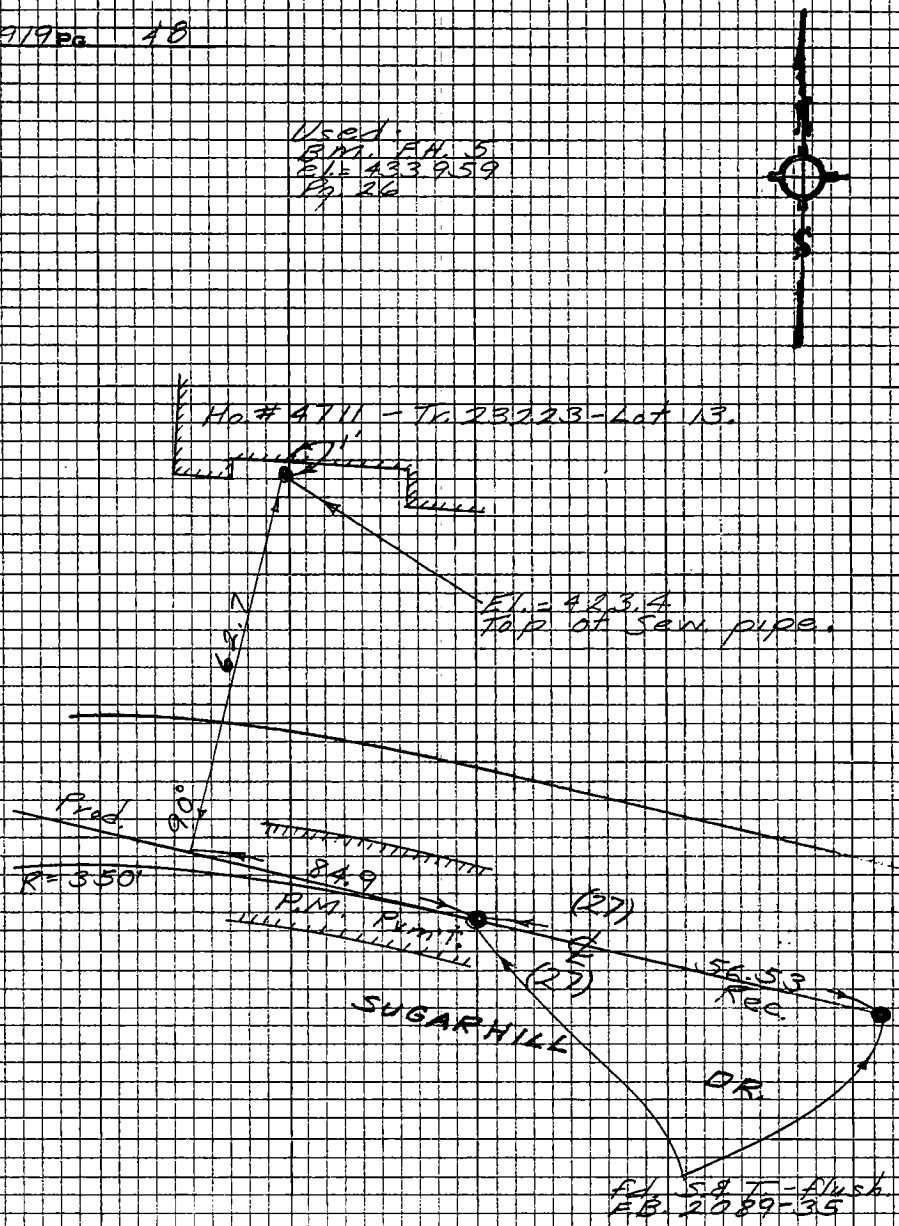
76P3098 CE #310 5-66

F.B. 3919 Pg. 48



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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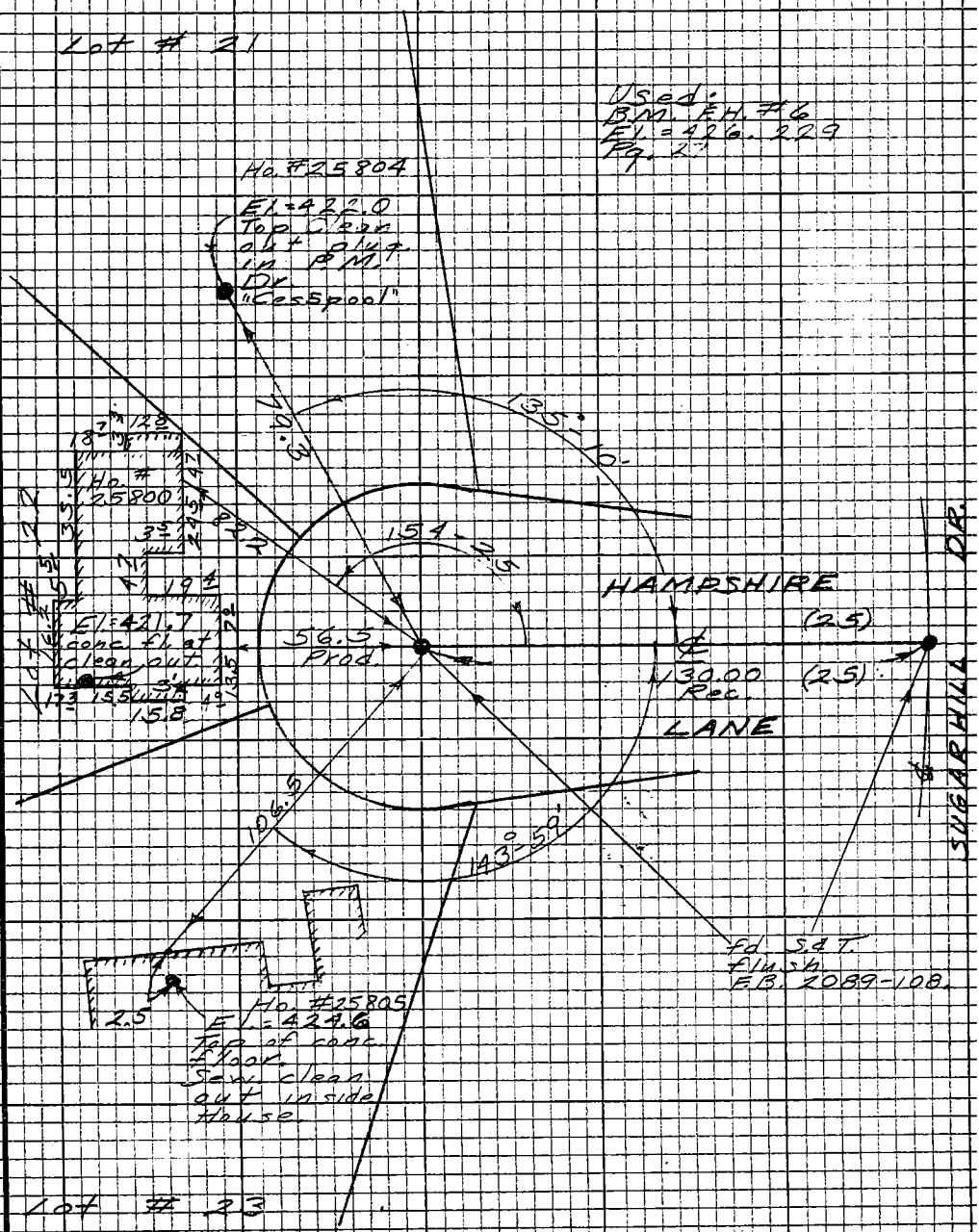
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of Rolling Hill #5
Map No.	JN 3231.34 Tape 202 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-70
Date	Indexed C. L. GALLI JN 4 70

F.B. 3919 Pg. 49

Tr. 19156



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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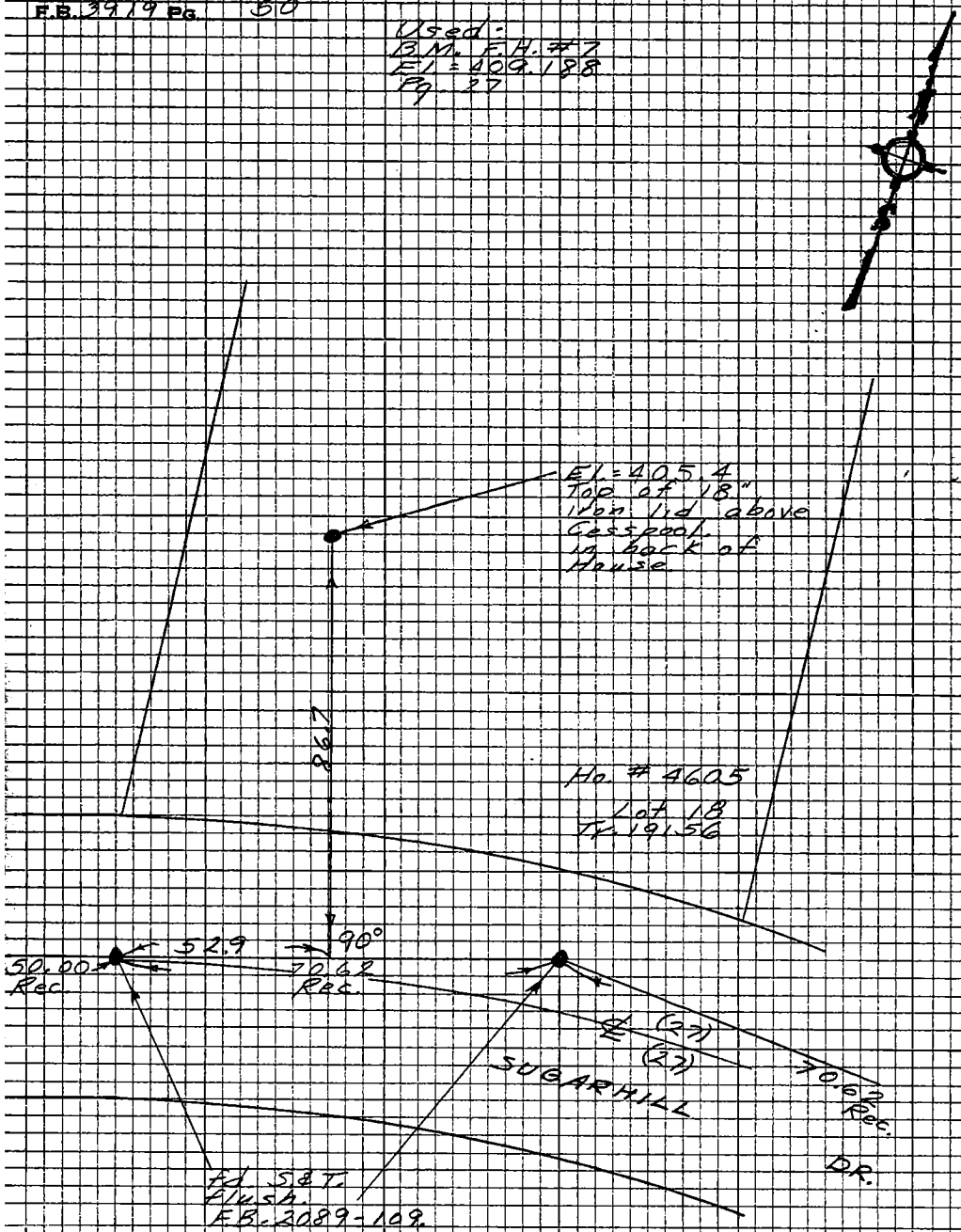
76P309S CE #310 5-66

F.B. 3919 Pg. 50

Used:
B.M. F.H. #7
El = 409.188
Pg. 27



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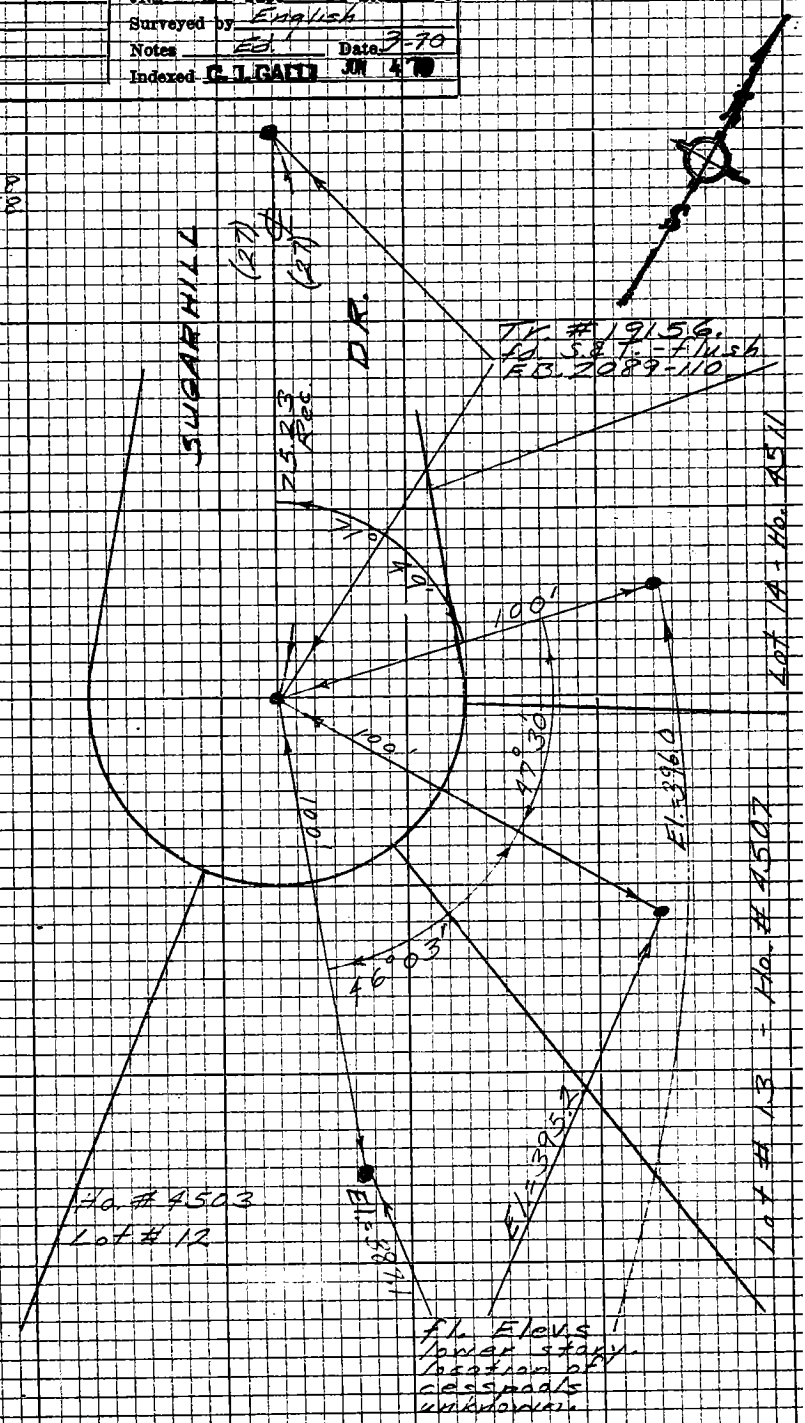
Notes Ck'd by	Survey of Rolling Hills #5	F.B. 3919 Pg. 51
Map No.	JN 373134 Tape 202 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 3-70	
Date	Indexed C. J. GALLI JUN 4 '70	

Used:
B.M. F.H. 8
el = 400.758
Pg. 27



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

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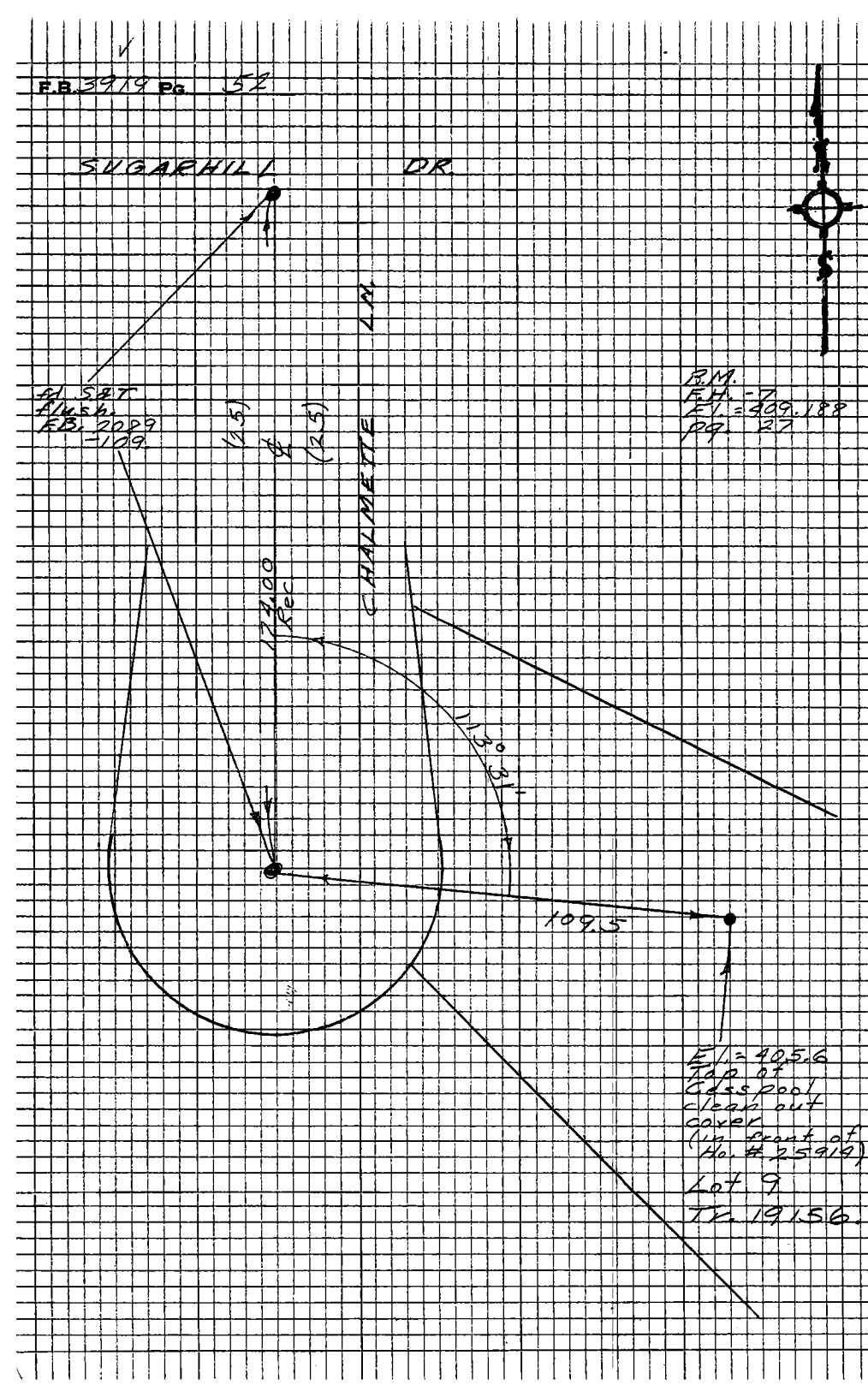
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

F.B. 3919 Pg. 52



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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

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 202 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed Date 3-70
Date	Indexed C.T. GALLI JM 4 70

F. B. 3919 Pg. 53

fl. el. of ctr. of Ho.
cesspool location unknown

TRACT 27305

Lot 7
Ho. # 5

El = 456.1

Lot 8
Ho. # 3

El. = 456.4

93.6

96.0

(25)

90°

59.2

Prod 10.8

90°

248.87 = Rec.

(25)

PLEASANT HILL DR.

℄ Prod.
Fd. L.E.T.
in cb.
F.B. 3083-47

Pl. fd. S.E.T. flush
F.B. 3083-47

Used
B.M. F.H. 30
el. = 961.229
pg. 39.

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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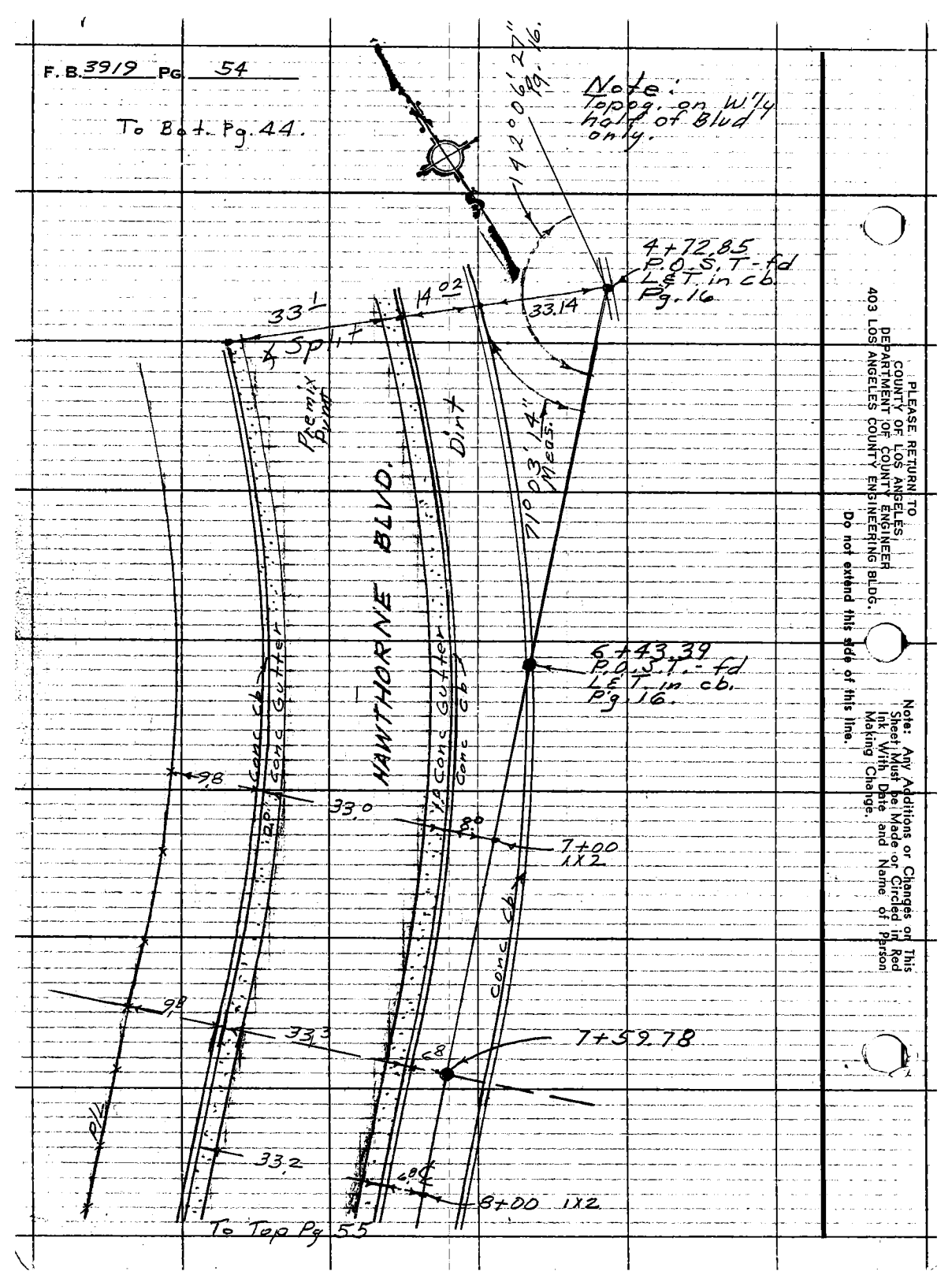
76F309S CE#310 3-68

F. B. 3919 PG. 54

To Bot. Pg. 44.



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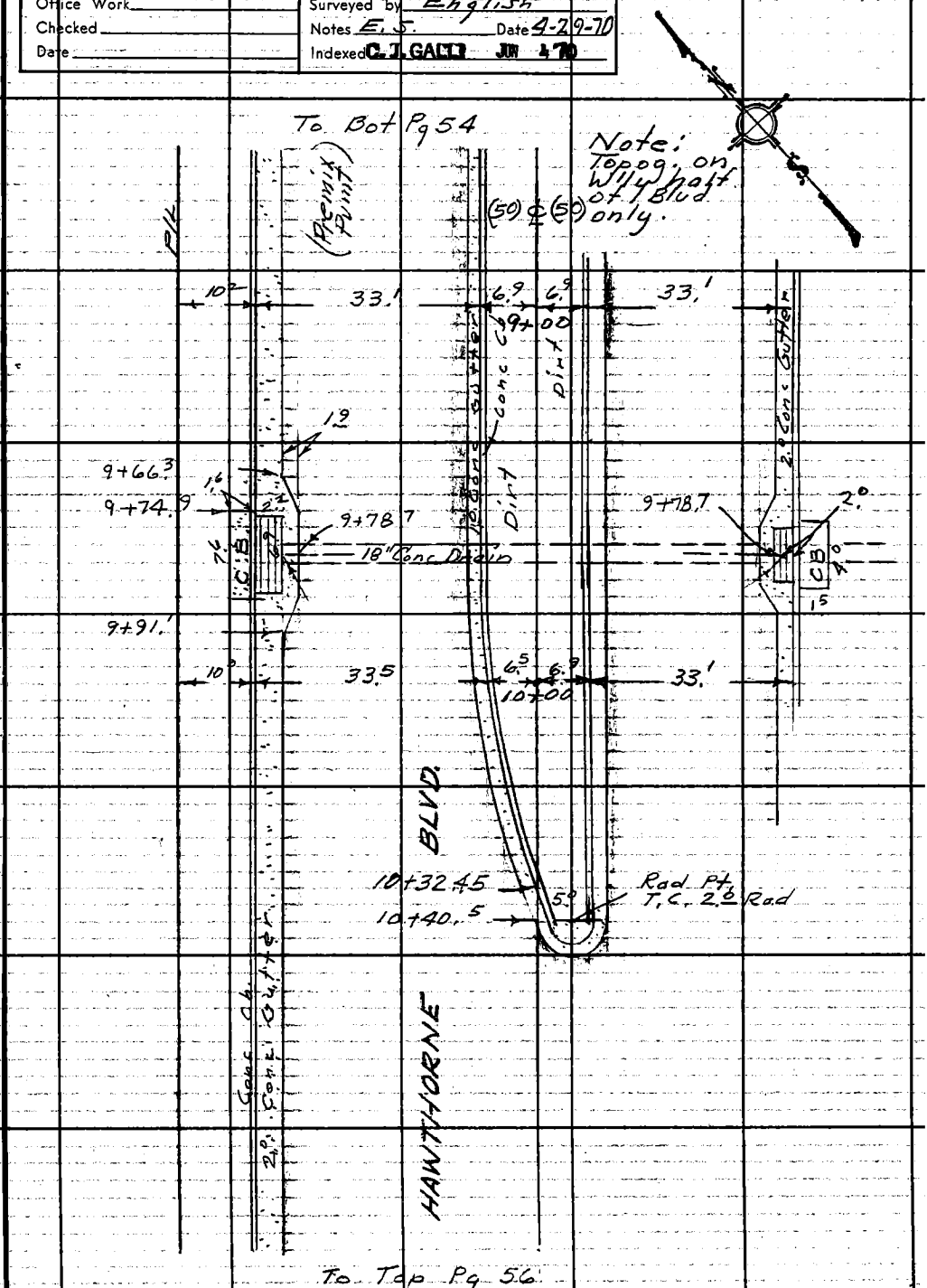
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 202 Std 68 °F
Office Work	Surveyed by English
Checked	Notes E.S. Date 4-29-70
Date	Indexed C.J. GALLI JUN 4 70

F. B. 3919 PG. 55



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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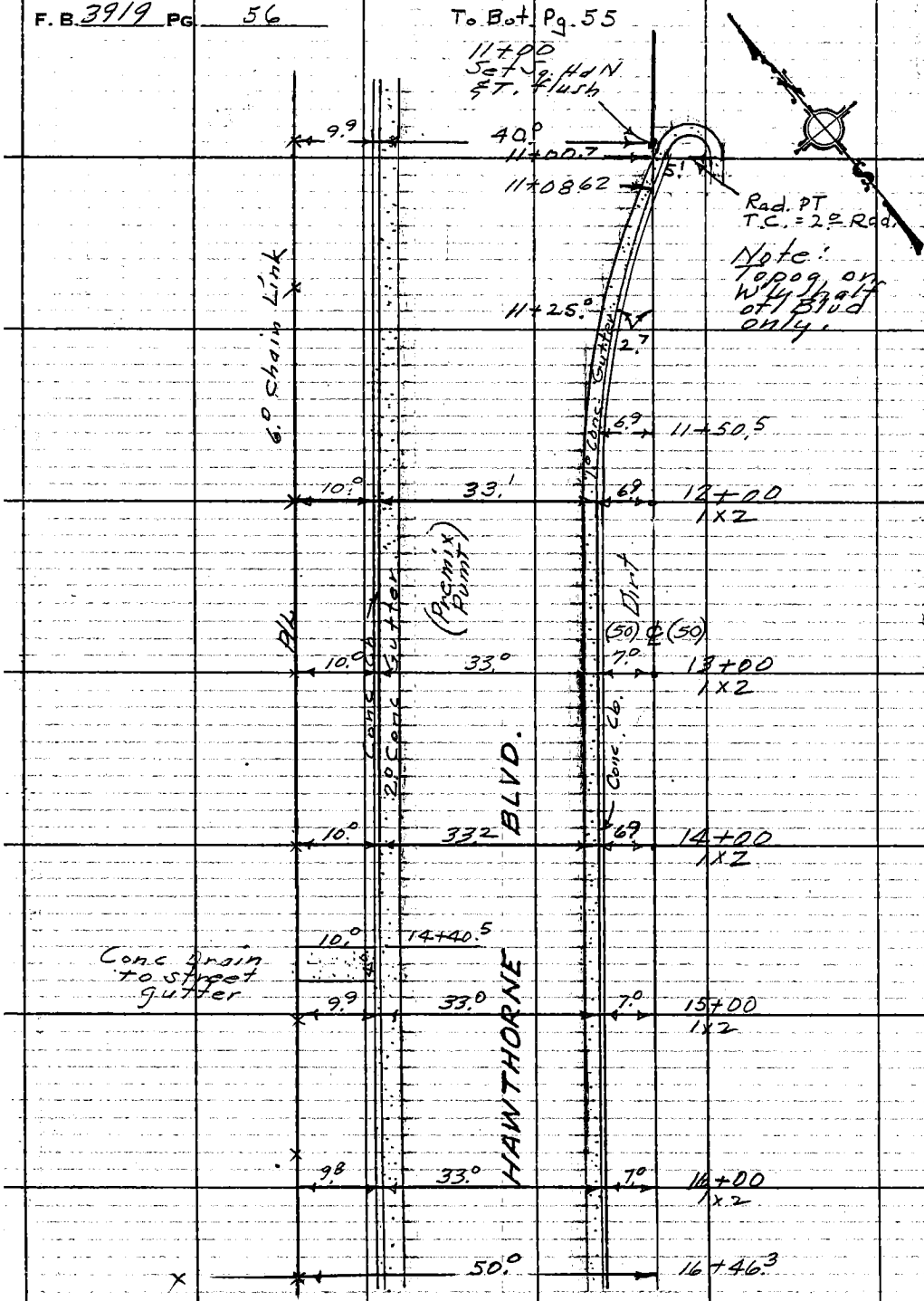
76F309S CE#310 3-68

F. B. 3919 PG. 56

To Bot. Pg. 55



To Top Pg 57

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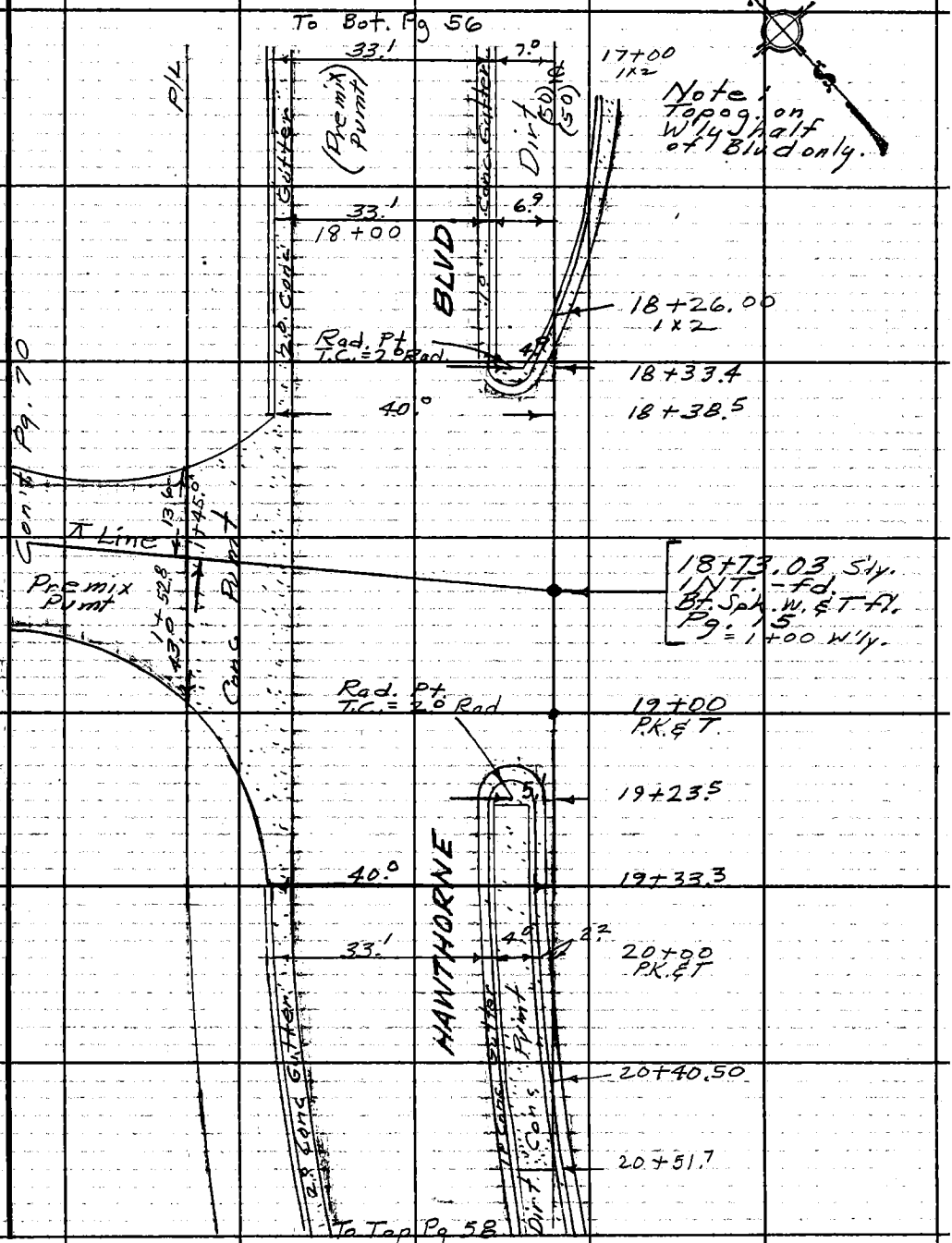
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 202 Std 68 °F
Office Work	Surveyed by E. English
Checked	Notes E.J. Date 4-29-70
Date	Indexed C.J. GALLI JUN 4 '70

F. B. 3919 PG. 57



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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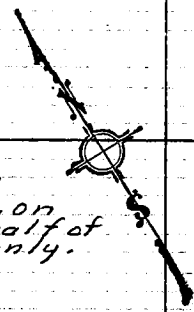
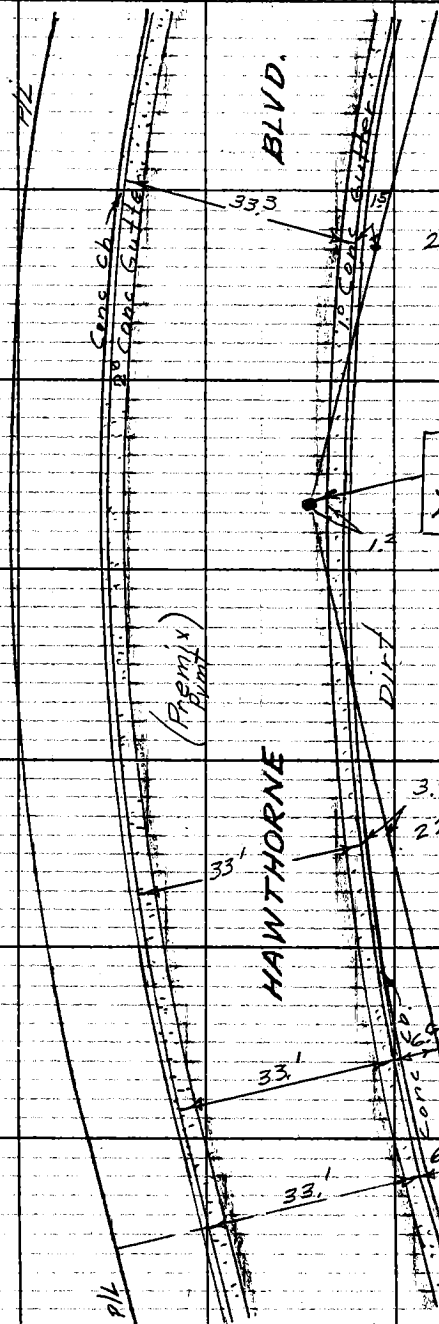
76F309S CE#310 3-68

F. B. 3919 PG 58

Con't. Pg. 57



Note: Topog. on W'ly half of Blvd only.



Con't. Pg. 59

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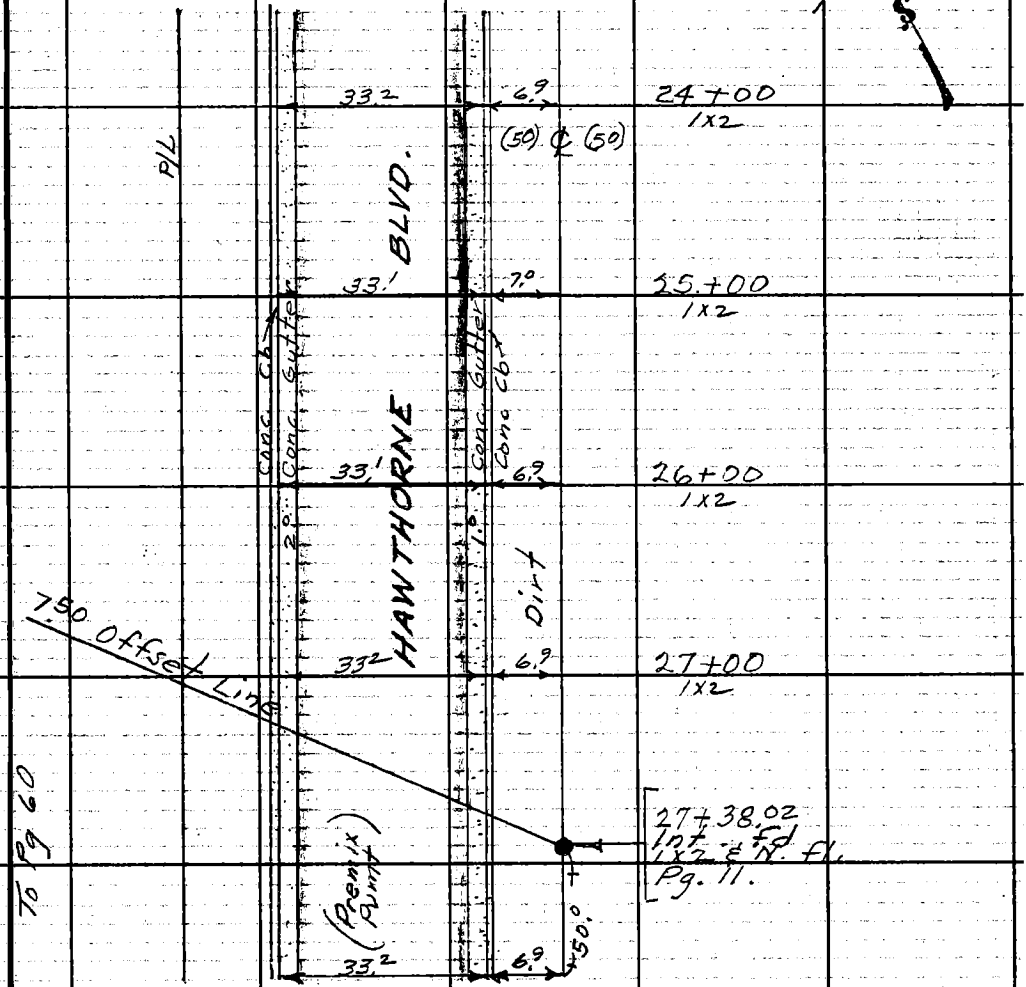
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 373.34 Tape 202 Std. 68 °F
Office Work	Surveyed by E. English
Checked	Notes E.S. Date 4-30-70
Date	Indexed C. T. GALEY

F. B. 3919 PG. 59

Note: Top 8.9 on W'ly half of Blvd. only.

To Bot. Pg. 58



To Pg 60

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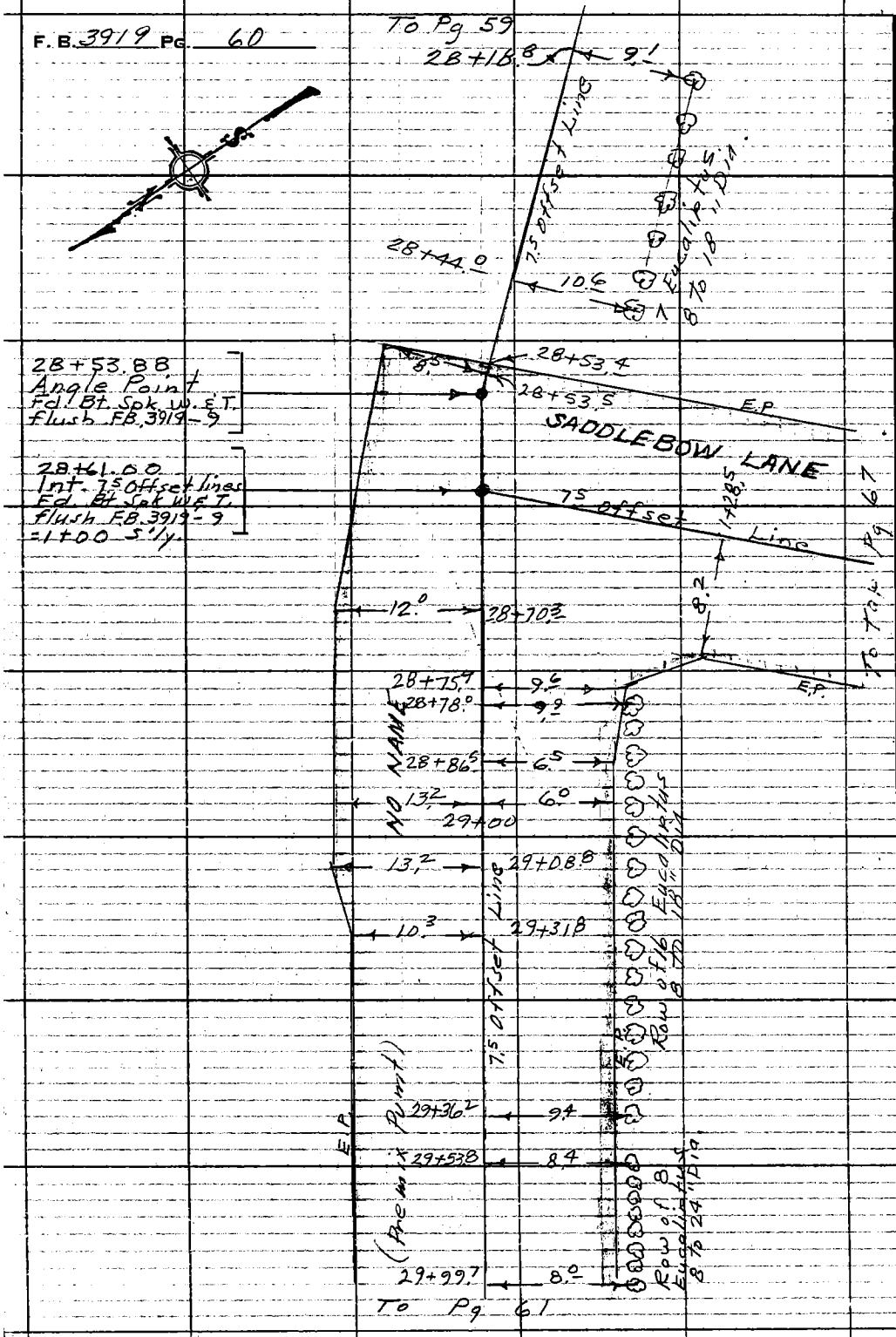
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F3095 CE#310 3-68

F. B. 3919 Pg. 60



PLEASE RETURN TO
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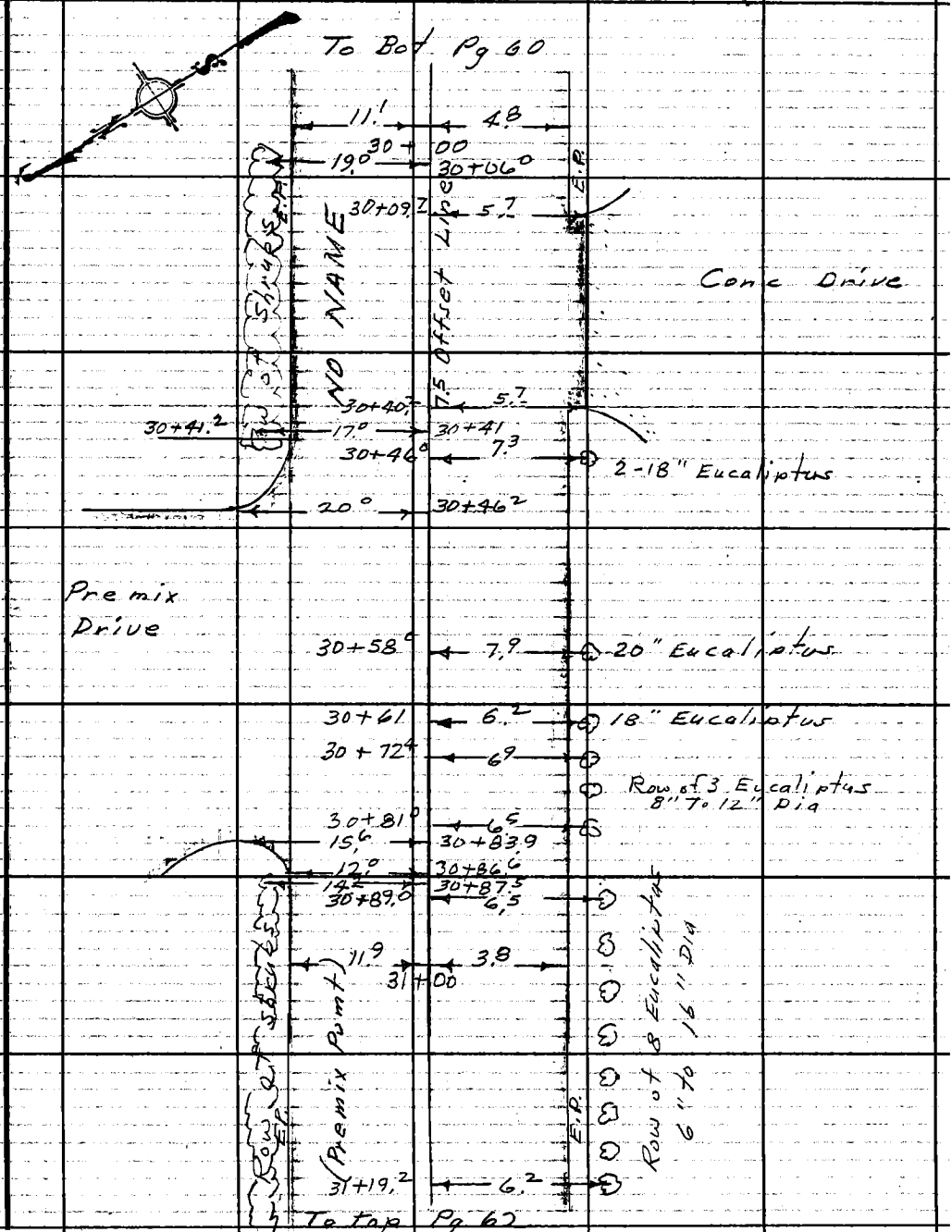
Do not extend this side of this line.

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 Rolling Hills #5
Map No.	JN 3731.34 Tape 202 Std 68 °F
Office Work	Surveyed by E. English
Checked	Notes E.S. Date 5-4-70
Date	Indexed C. L. GALLI JUN 4 70

F. B. 3919 PG. 61



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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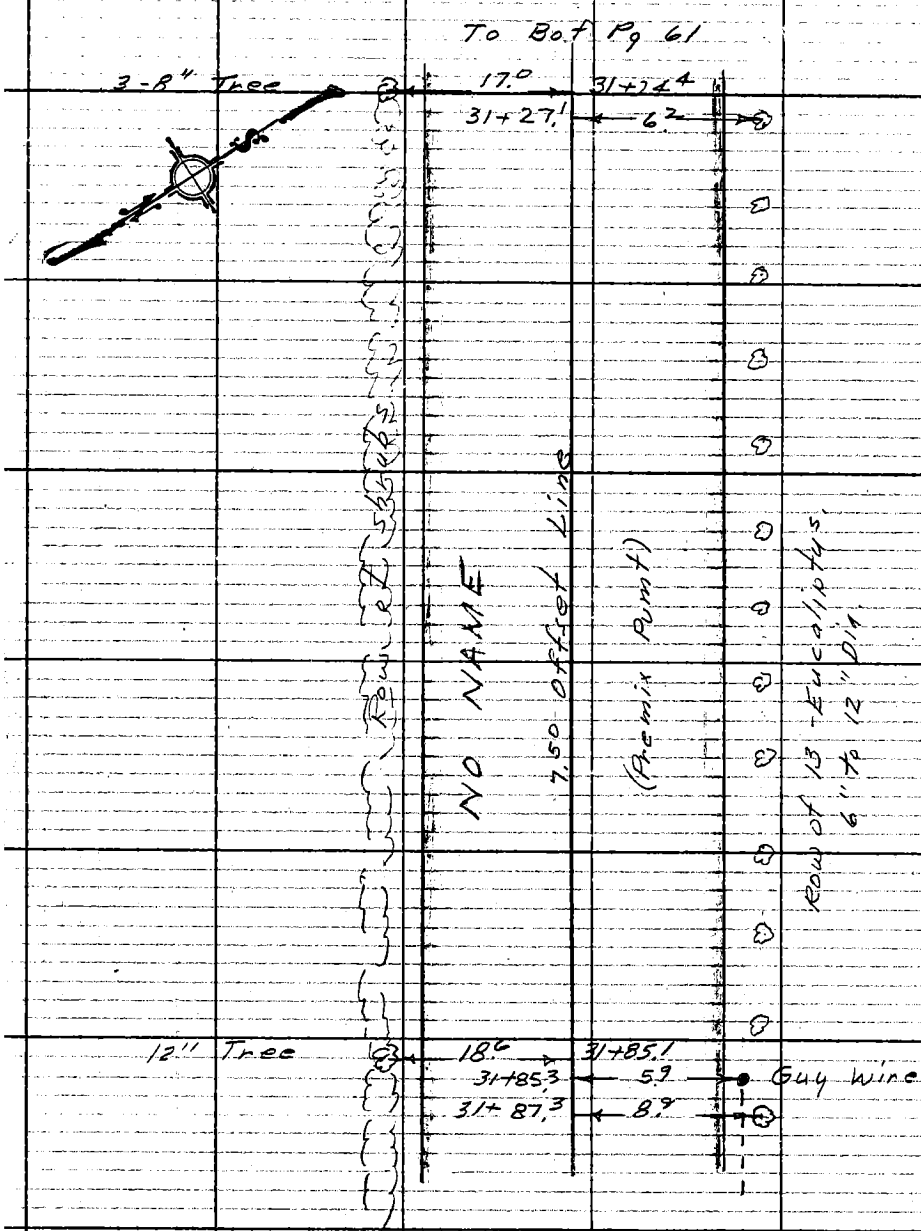
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3919 PG. 62



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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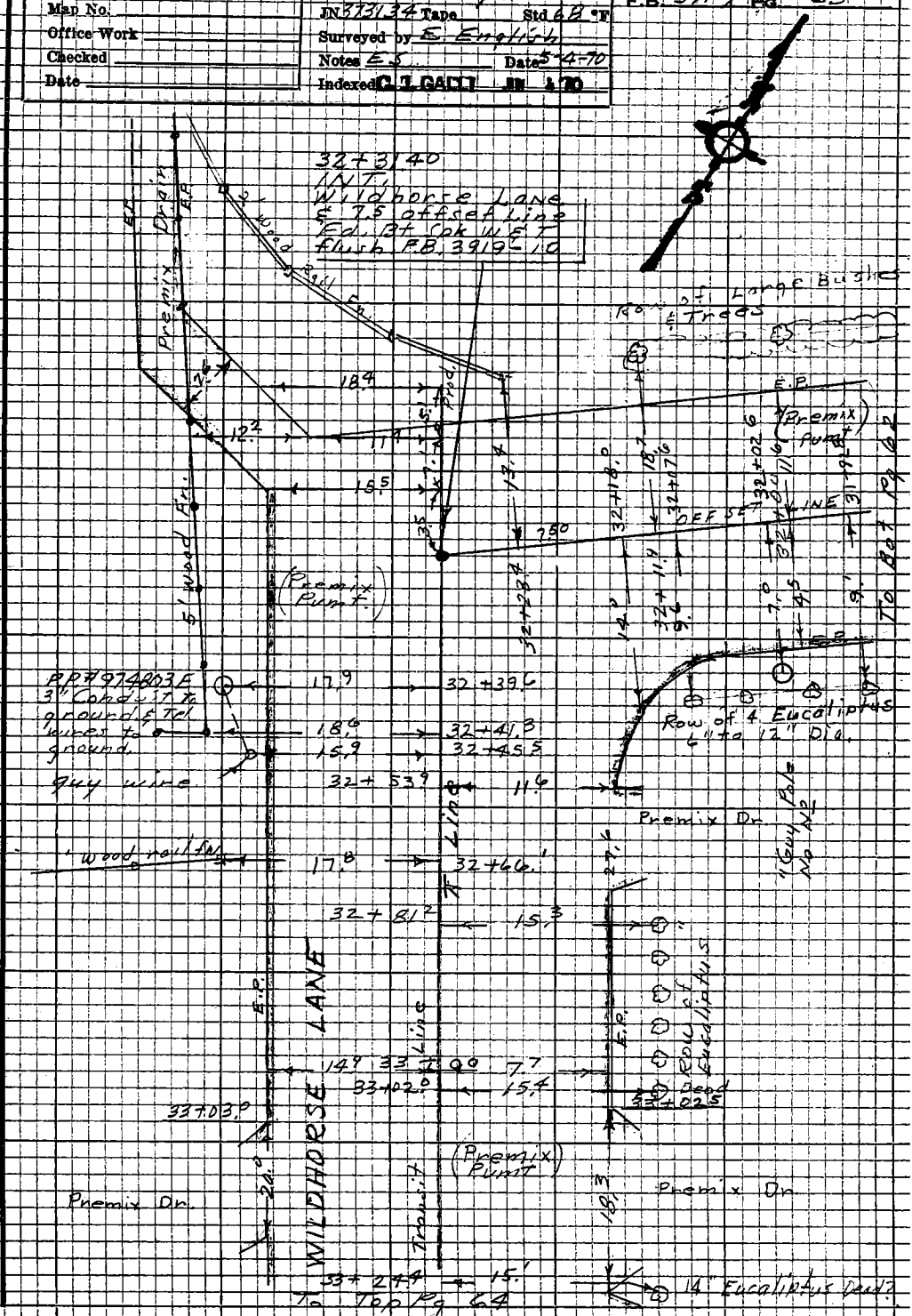
Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 373134 Tape Std 68 °F
Office Work	Surveyed by E. English
Checked	Notes E.S. Date 5-4-70
Date	Indexed C. L. GALLI JUN 4 70

F.B. 3919 Pg. 63



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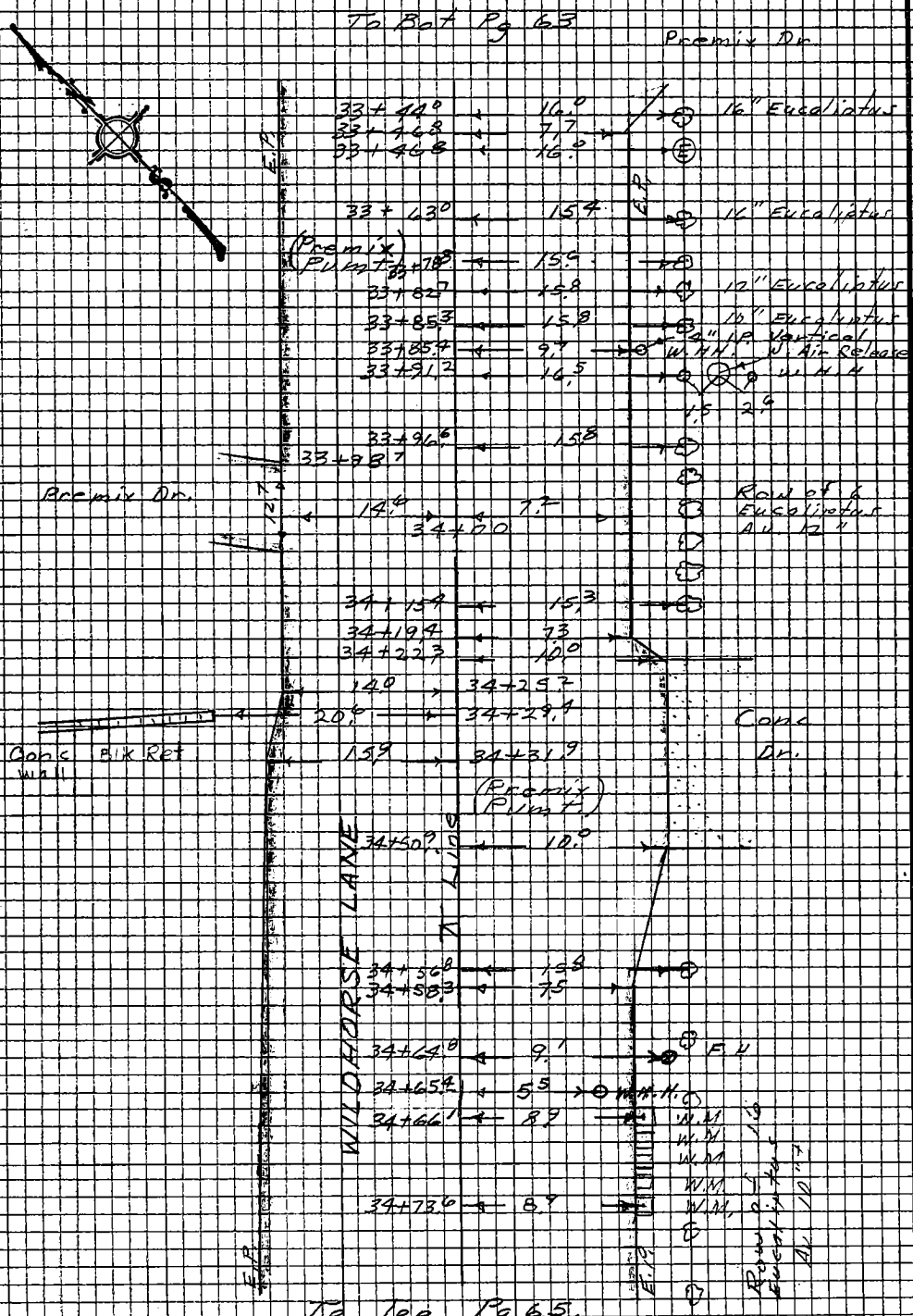
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

F.B. 3919 Pg. 64



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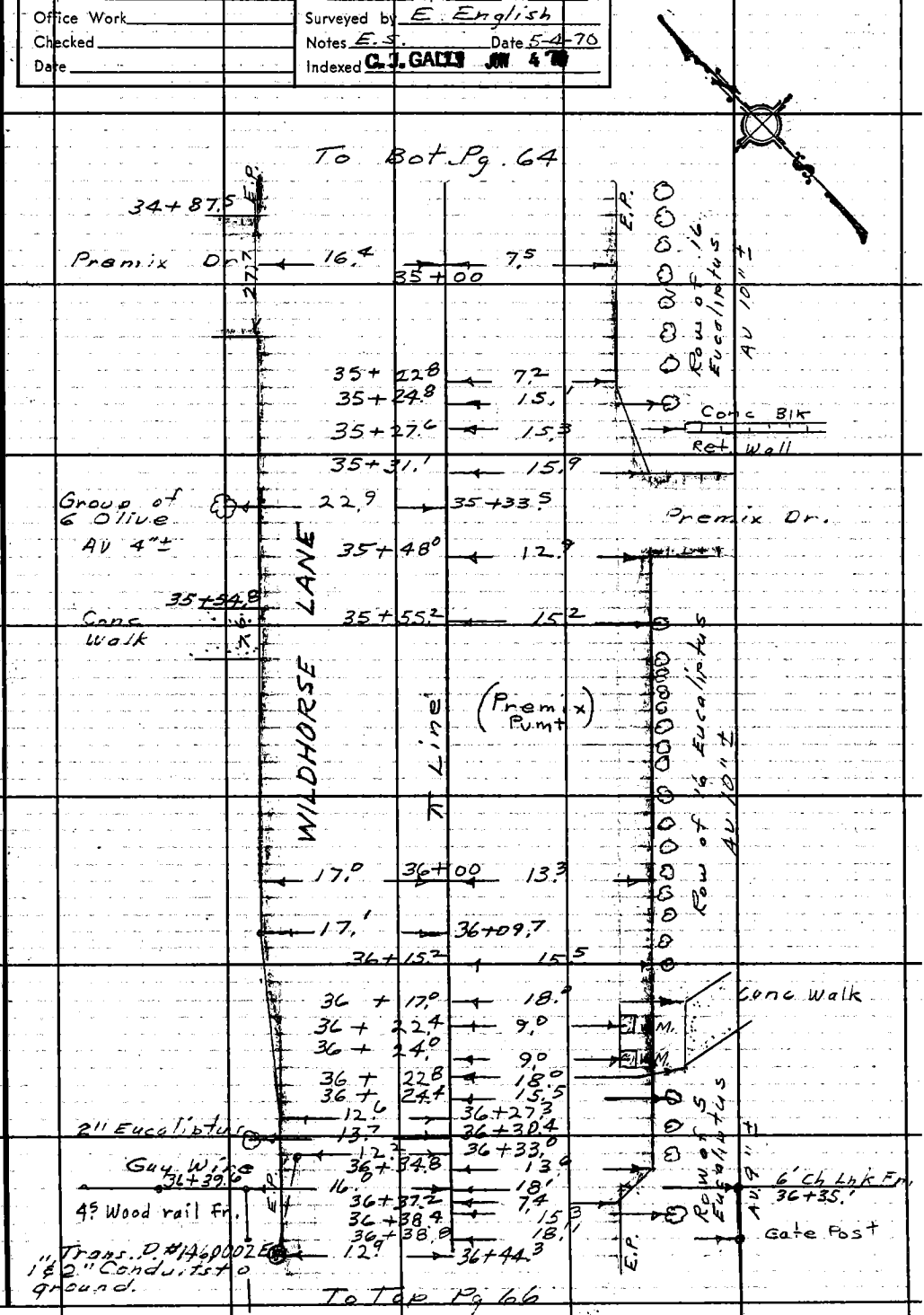
Notes Ck'd by	Survey of Rolling Hills # 5	F. B. 3919 Pg. 65
Map No.	JN 373134 Tape Std 68 °F	
Office Work	Surveyed by E. English	
Checked	Notes E.S. Date 5-4-70	
Date	Indexed C. J. GALLY JUN 4 70	



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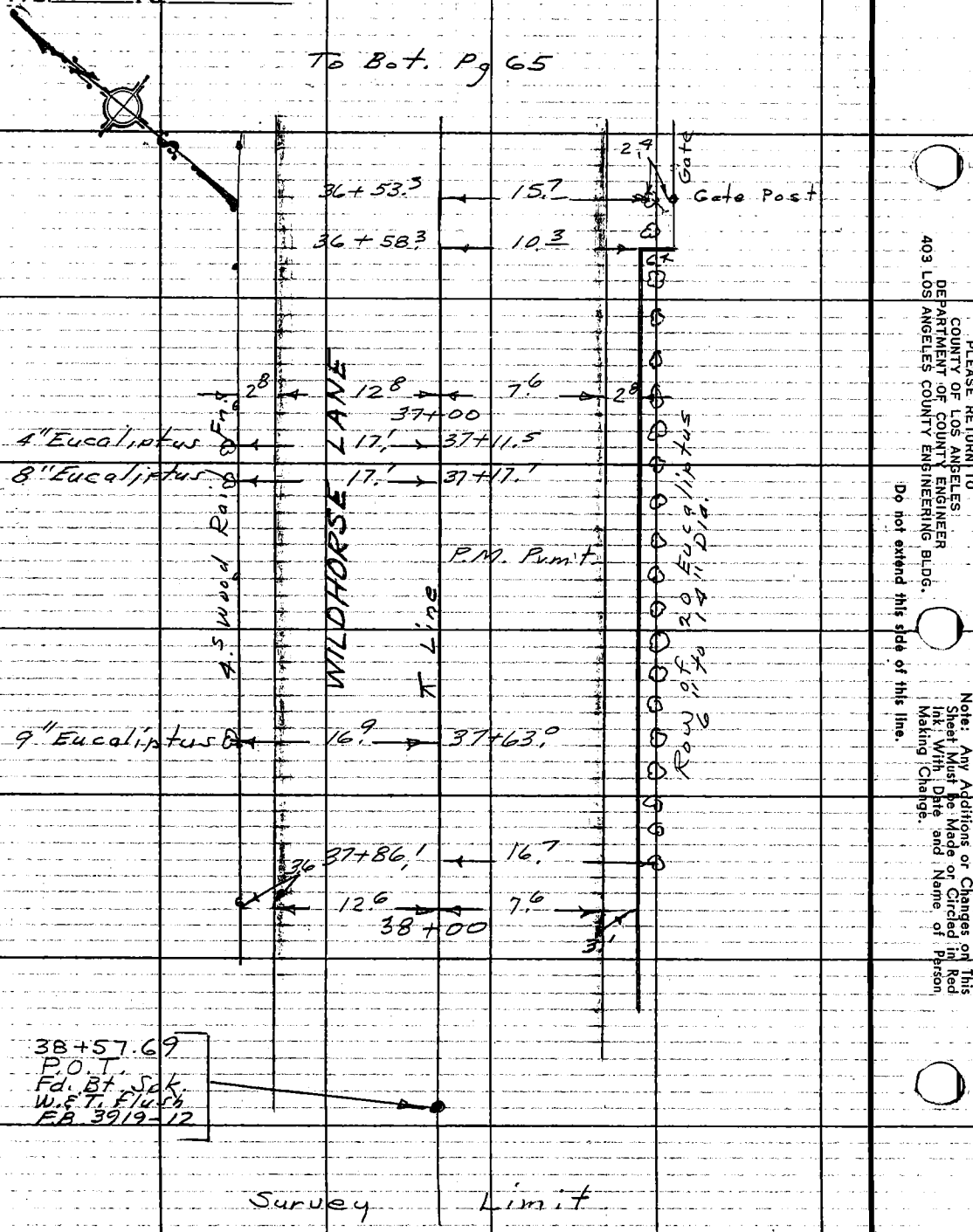
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

F. B. 3919 PG 66

To B.o.t. Pg 65



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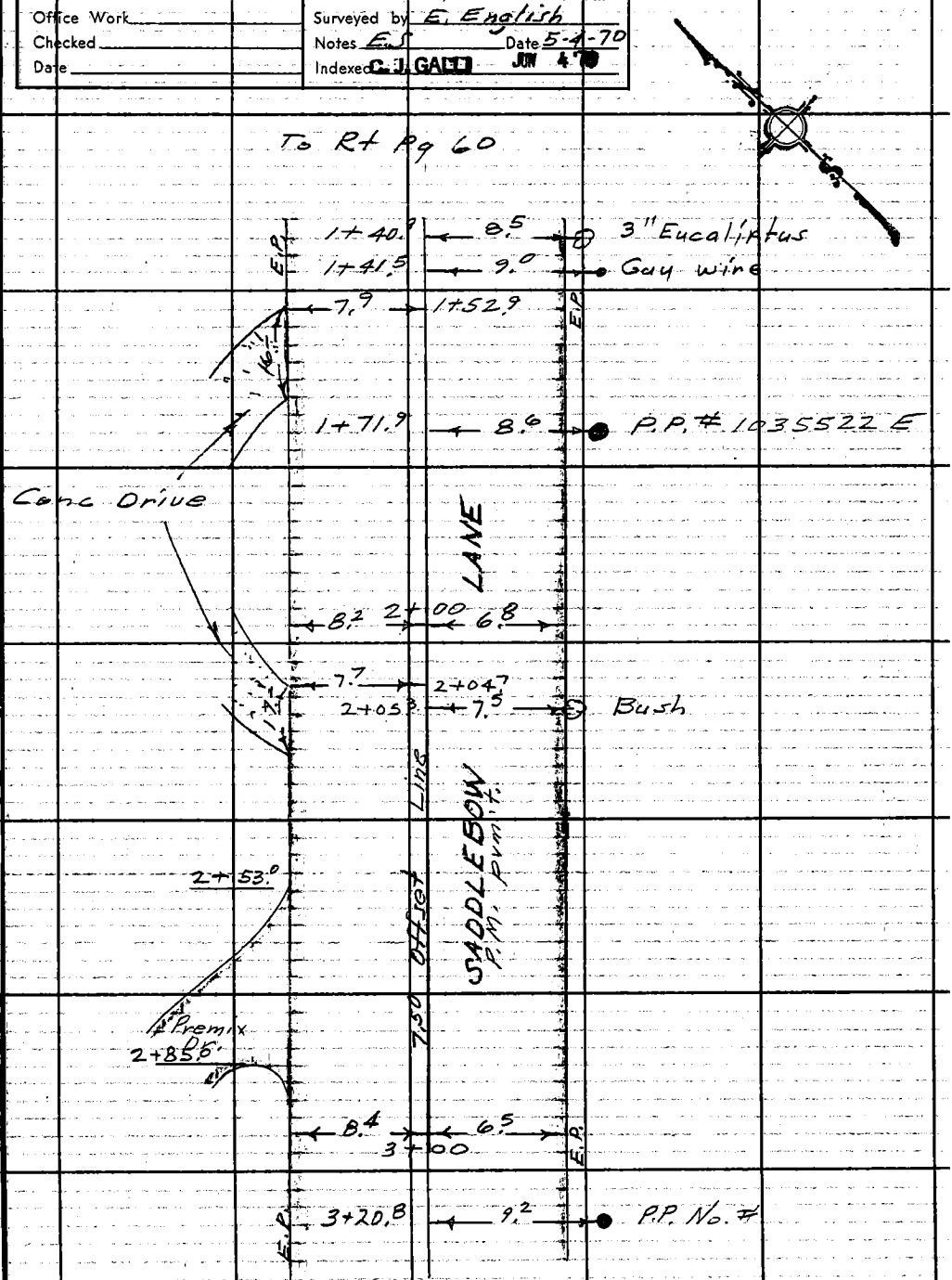
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape Std 68 °F
Office Work	Surveyed by E. English
Checked	Notes E.S. Date 5-4-70
Date	Indexed C. J. GALLI JUN 4 '70

F. B. 3919 PG. 67



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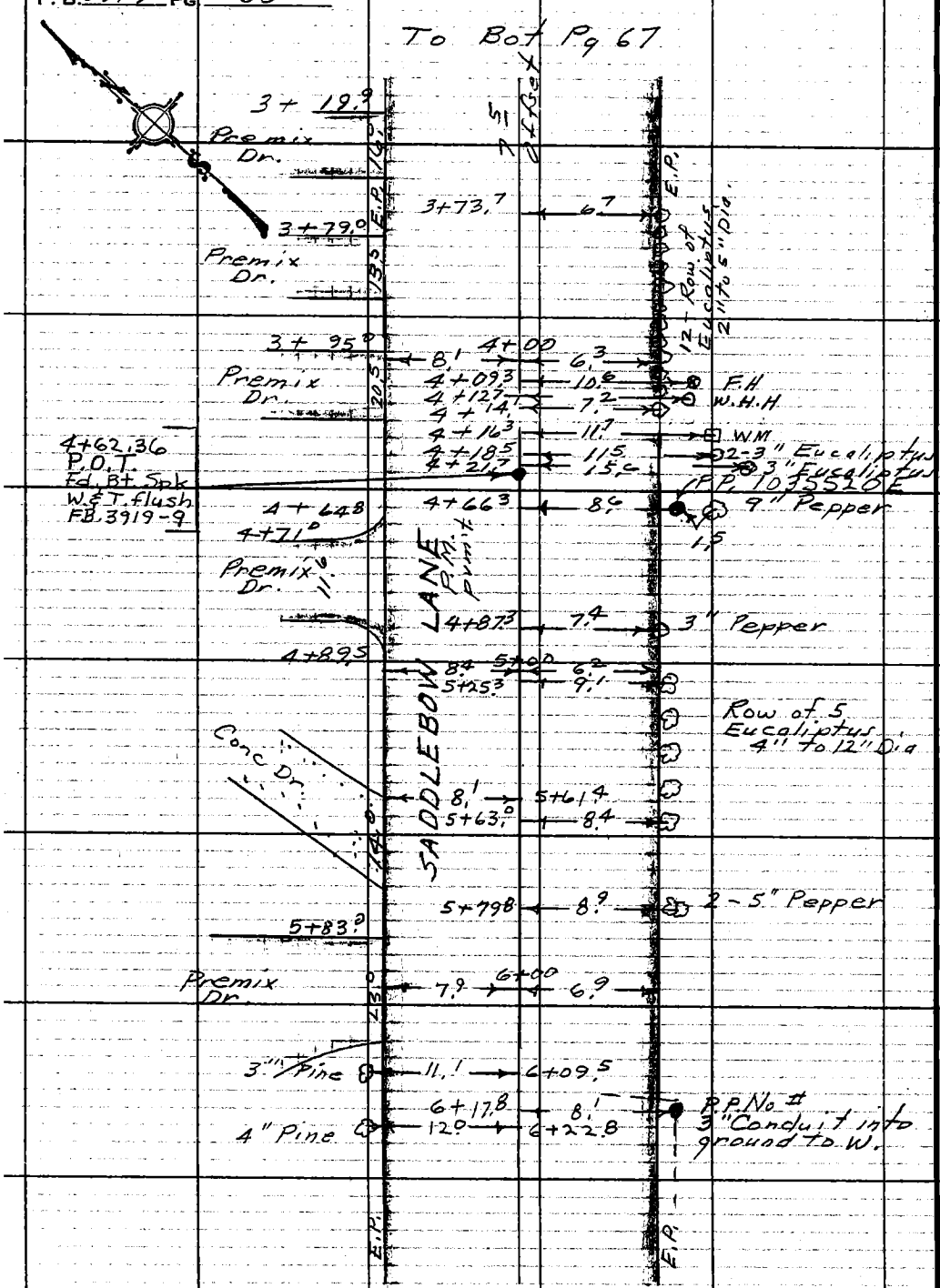
26F309S CE#310 3-68

F. B. 3919 Pg 68



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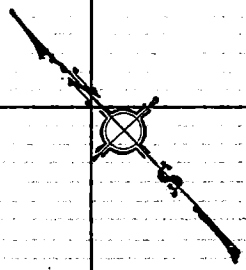
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 37134 Tape Std 68 °F
Office Work	Surveyed by E. English
Checked	Notes E.E. Date 5-4-70
Date	Indexed R. L. GALLI JUN 4 70

F. B. 3919 Pg. 69



To Bot Pg CB

Premix Dr

(Premix Pvmt)

6+38.0

6+47.0 — 9.4 — Guy wire

LANE

8.0 — 9+00 — 7.1

9.6 — 7+05.4

Row of 3 4" Trees

12.7 — 7+18.8 — 8.5 — P.P.# 1035510 E

SADDLEBOW

Offset

8+16.26
P.O.T.
Fd. Bt. Sok. W.E.T.
flush. F.B. 3919-7

7.2 — 8+00 — 7.7

8+20.0 — 9.8 — P.P.# 1578460 E

Premix Dr

8+22.2

P.M. Pvmt.

Survey Limit

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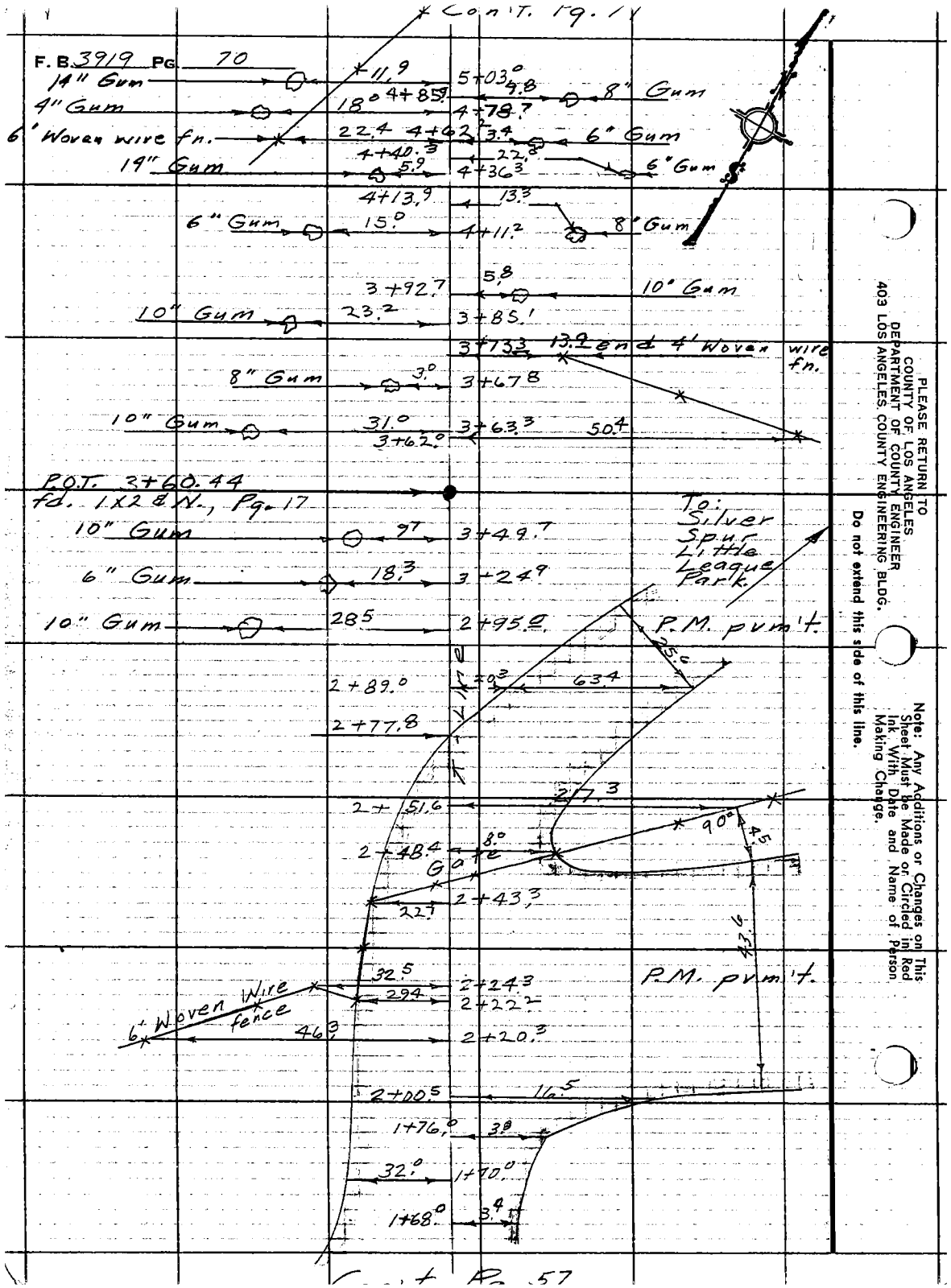
DEPARTMENT OF COUNTY ENGINEER
409 LOS ANGELES COUNTY ENGINEERING BLDG.

16F3095 CE#310 3-68



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DEPARTMENT OF COUNTY ENGINEER
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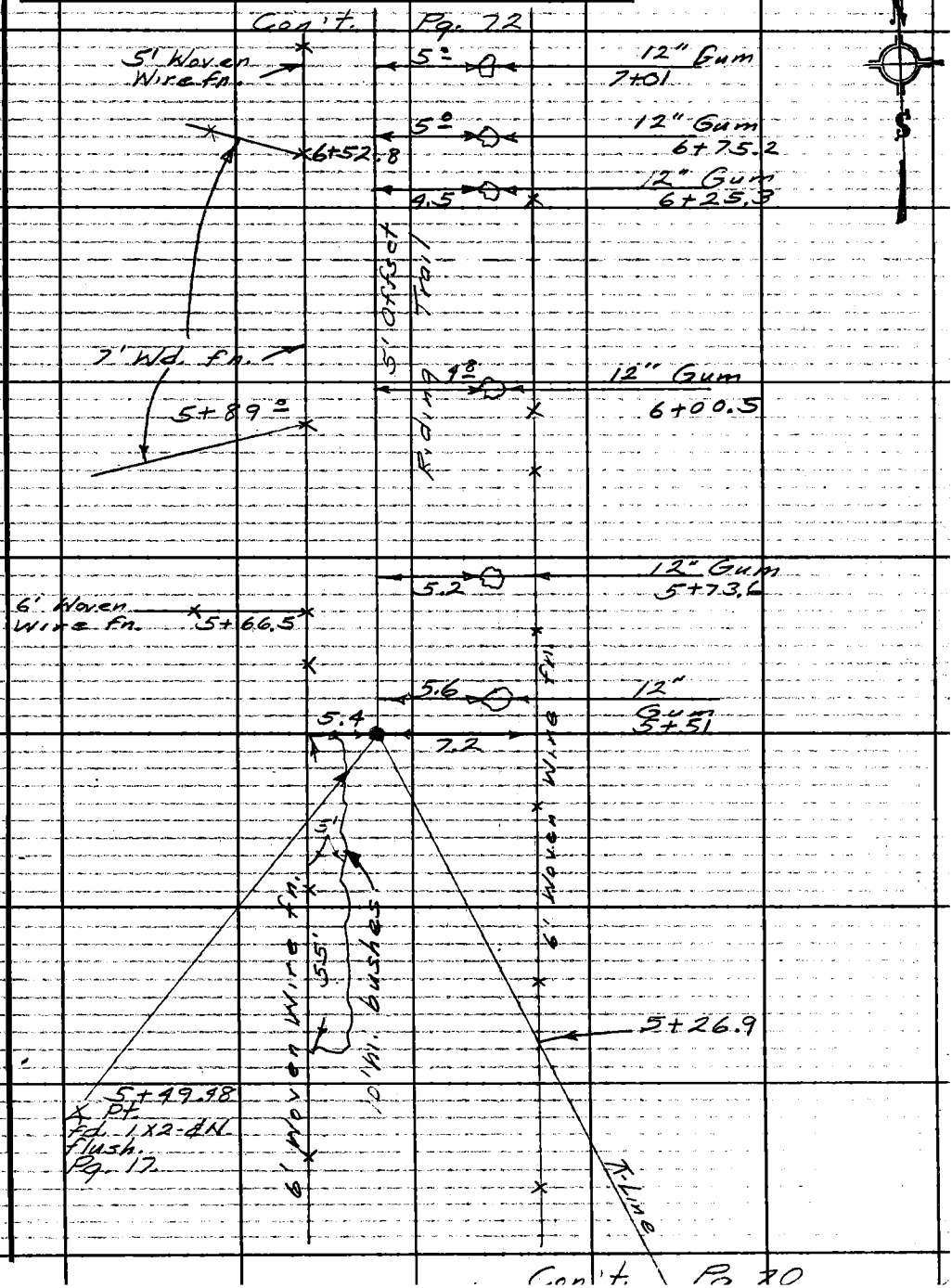
Cont. Pg. 57

Notes Ck'd by	Survey of Rolling Hills #5	F. B. 3919 Pg. 71
Map No.	JN 3731.34 Tape 1 Std. °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 5-70	
Date	Indexed C. J. GALLI JUN 4 '70	



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

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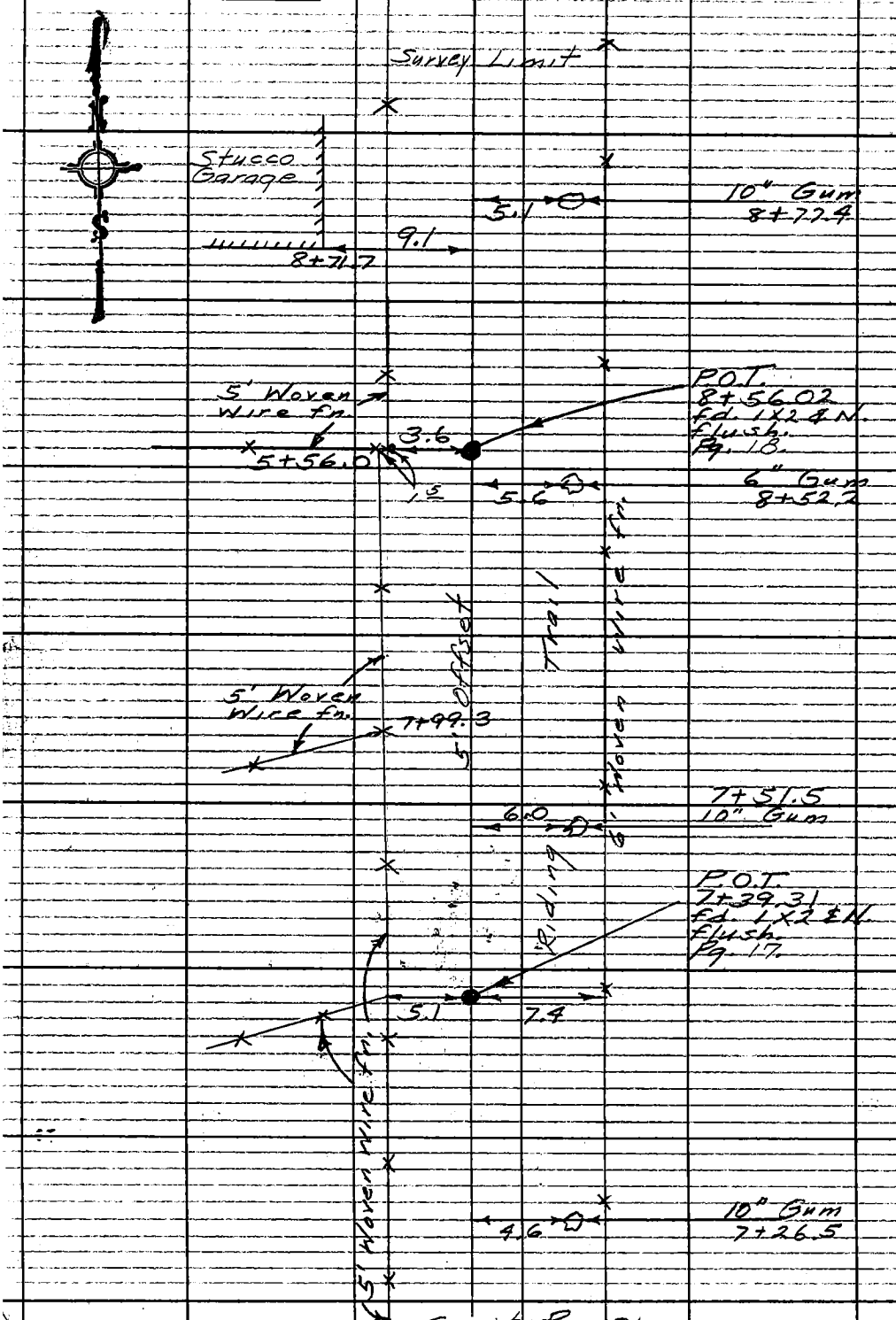
76F309S CE#310 1-65

F.B. 3919 PG 72



Con't. Pg. 71

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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 Rolling Hills #5
Map No.	JN 3731.34 Tape 167 Std. 84 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 5-70
Date	Indexed C.J. GALLT JUN 4 70

F. B. 3919 Pg. 73

Con't Pg. 74

10' Pvt. Drainage Easc.

Wd. House #4736

4" Peach 4+74.4 — 7.6

4" Peach 4+65.0 — 35.6

5' ht. Oleander bush. 4+68.3

(S) T-Line (S)

Lot 24 Lot 23

54.8 — 4+57.6

4" Fig 4+51.0 — 22.3 — 12.0

4" Peach 4+51.4

6' ht. Oleander Bush 4+48.3

6' Wd. Fn.

10.2 — 4+33.0

4+08.7 1" Pipe — 25.5

6.7 — 4+06.5 End-24 Cl. S.D. Pipe.

10' — 6" Pepper tr. 4+06

5' Ly. Bdry. — Tr. 23223

T-Line

15.1

Con't Pg. 110

10' Sewer Esc.

4' 3-rail Wd. fn.

3+99.85 Fd. 1½ B.N. - flush. Pg. 76

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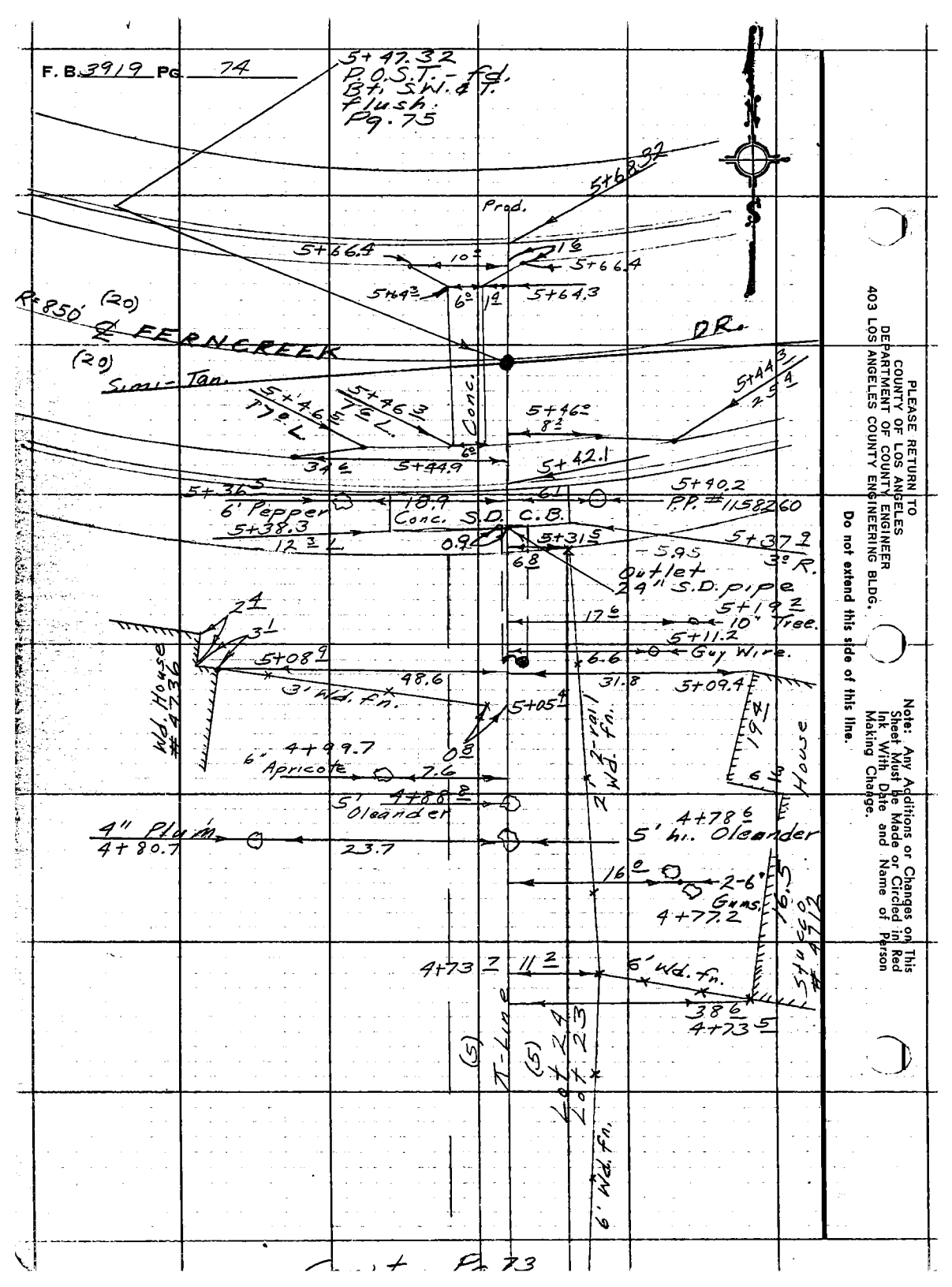
76F309S CE#310 3-68



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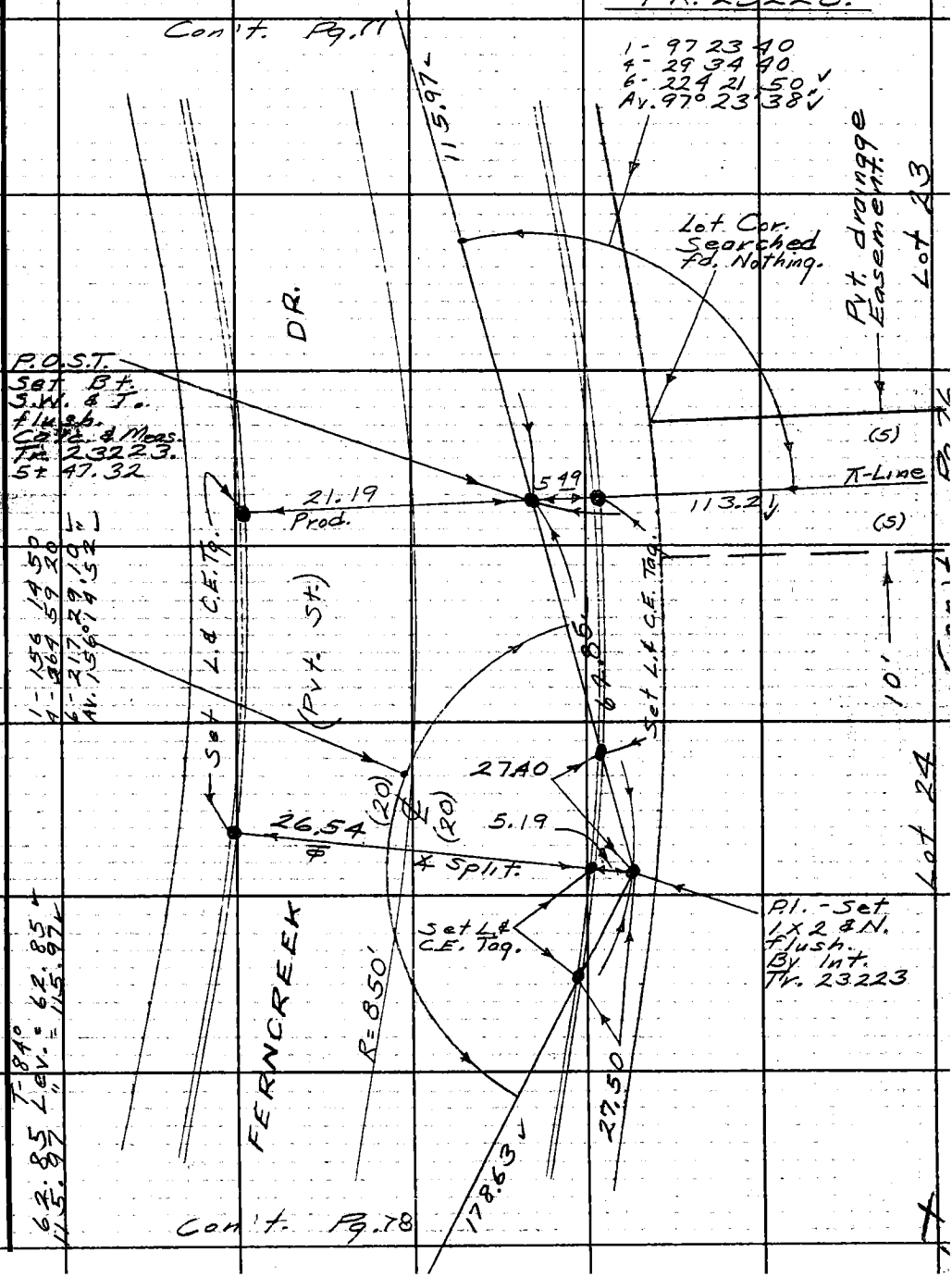
PWFB 0317 481

Notes Ck'd by L. Cavataio	Survey of Rolling Hills #5
Map No.	JN 373134 Tape 167 Std 84 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 4-70
Date	Indexed C. J. GALLT JUN 4 '70

F. B. ~~3719~~ PG. ~~75~~

TR. 23223.



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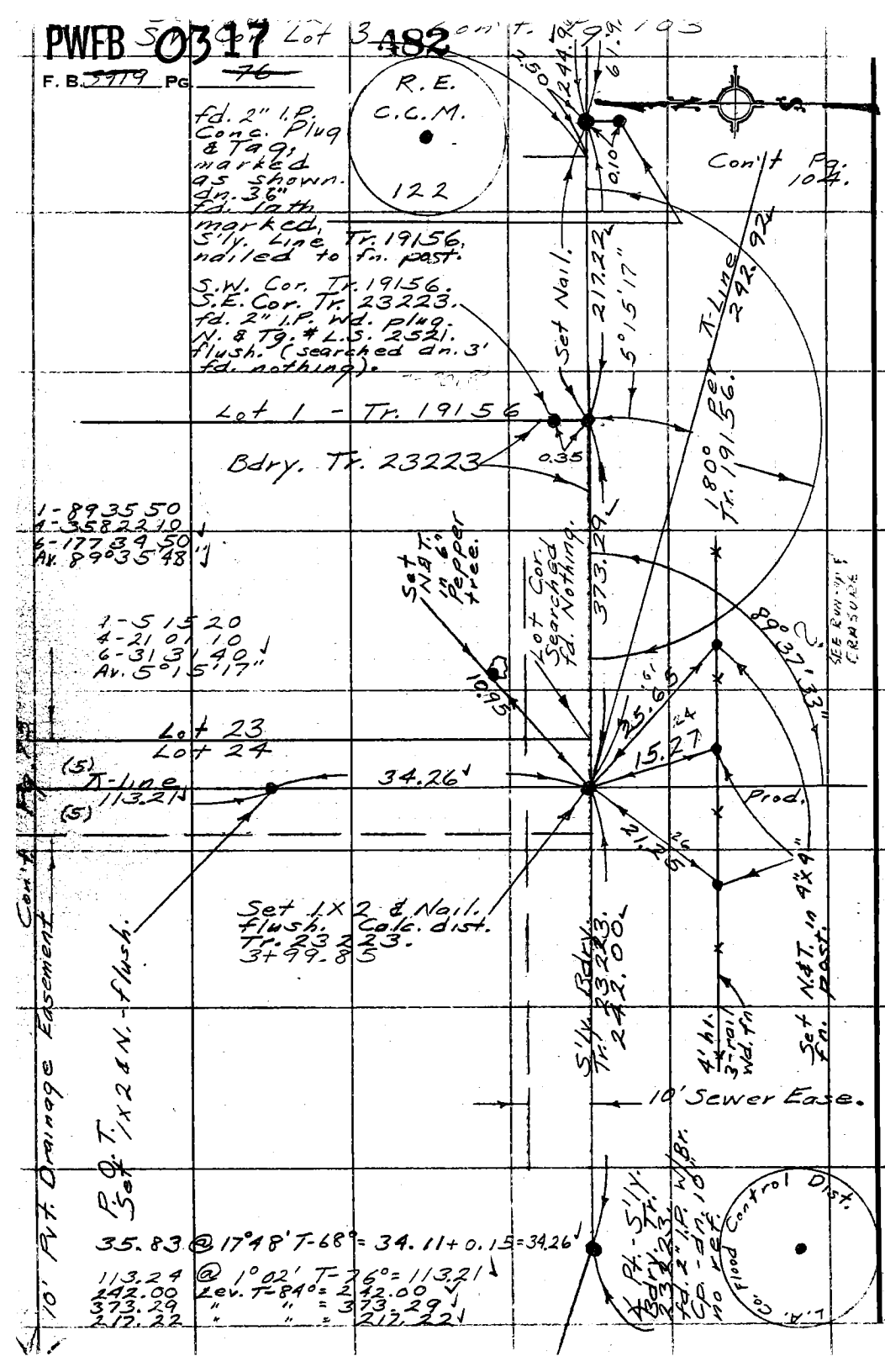
76F309S CE#310 3-68

PWFB 0317

F. B. 5979 Pg. 76



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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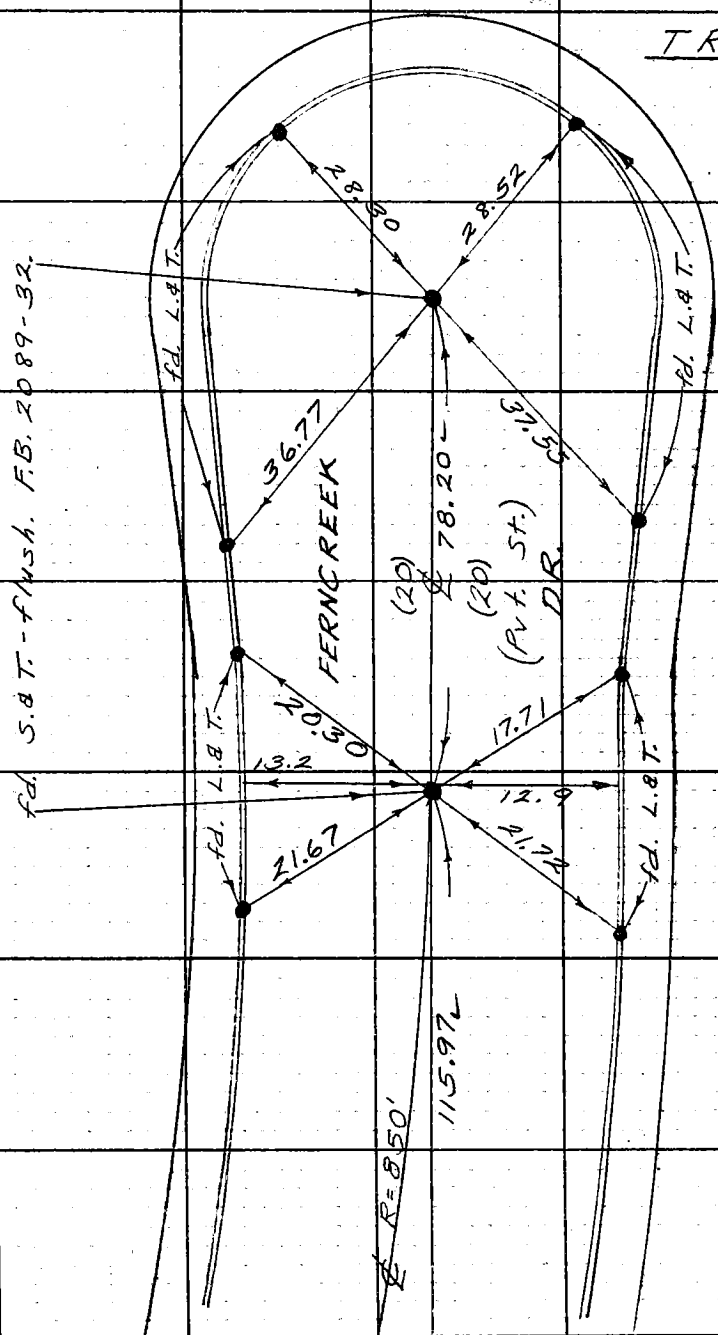
PWFB 0317 483

Notes Ck'd by [illegible]	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 167 Std 84° °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 4-70
Date	Indexed C. J. GALLI JUN 4 70

F. B. ~~5719~~ PG. ~~77~~

TR. 23223



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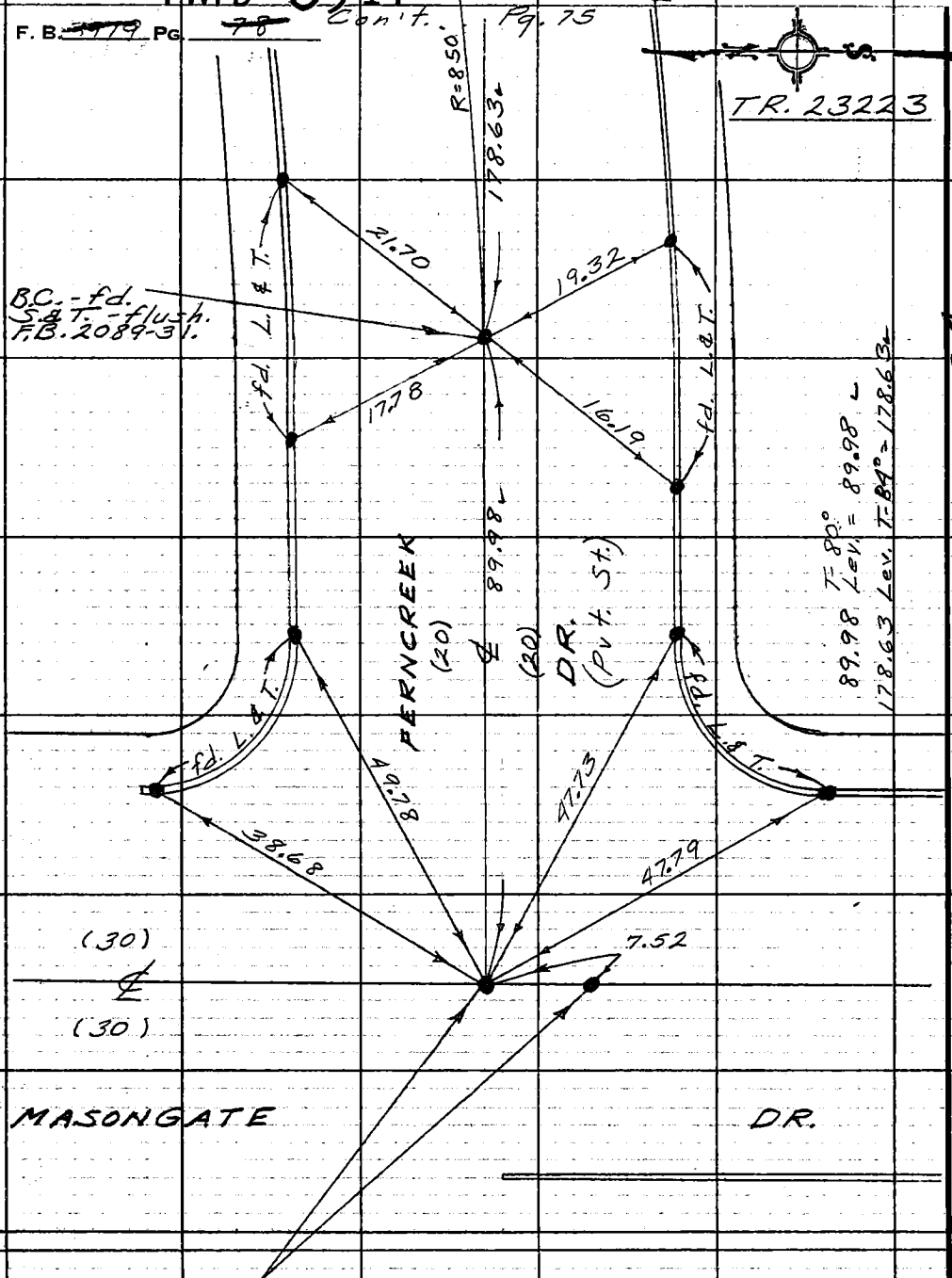
WS. 27, C-2

76F309S CE#310 3-68

Cont'd Pg. 75

PWFB 0317 484

F. B. ~~3979~~ Pg. ~~78~~ Con't. Pg. 75



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Profile No. | Notes Red | Plotted | Job No. 3731.34 | Division No. 11 | F.B. 3919 | PG. 79
Date | Date | Survey of Rolling Hills #5
X-Sec. No. | Notes Chkd. | Checked | Survey by English | Notes Ed. | Date 3-70
Date | Date | Map No. | Indexed C. J. GALLI | Date JUN 4 70

ROLLING HILLS ESTATES
S.S. DIST. Nº 5.
J.N. 3731.34.
PALOS VERDES AREA

CROSS-SECTIONS.

March 19, 1970
English
Shoemaker
Clifford
Tullier

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

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403 Los Angeles County Engineering Bldg.

76-L.298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 3919 PG. 80 | Job No. 3131.54 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Rolling Hills #5 | Date | No. | X-Sec.
Survey by English Notes Ed. | Notes Chkd. | Checked | No.
Indexed G.L.GALLI | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd. — W'ly. half only.	
fd. B.M. F.H. 15	5 49	247.78		242 291	B.M. F.H. 15, el.= 242.291, Pg.33 Hawthorne Blvd. W. side - So. edge of dr. to "El Toro Plaza".	
1+00			9.38	238.40		T-line - Pg.44
			9.62	238.16		3^{Z} R edg.
			9.73	238.05		5^{Z} " B.L.
			9.09	238.69		" " T.C.
			9.29	238.49	$2\frac{3}{}$ L, S.M.H. rim	
				230.30	No Inlet S. —	-8.19 = Bot. S. end of channel
				230.19	8" Outlet N.	Rod Dia. mags. 7.62 + .68 = -8.30
			8.79	238.99	$10\frac{8}{}$ L. ctr. W. ½	
			8.16	239.62	$26\frac{5}{}$ L. e.g.	
			8.17	239.61	$27\frac{5}{}$ " b.c.	
			7.66	240.12	$27\frac{5}{}$ " T.C.	
T.P.	10.69	258.06	0.41	247.37		
3+18 04			3.74	254.32	Top: cb.	T-line, pg. 44
			4.24	253.82		$0\frac{3}{}$ R. b.c.
			4.31	253.75		$1\frac{3}{}$ " e.g.
			4.71	253.35		17 " ctr. W. ½
			5.20	252.86		32 " e.g.
			5.24	252.82		34 " b.c.
			4.60	253.46		34 " T.C.
	10.39	268.18	6.27	15.179		

76-L298 CE 307 3-61

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Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Long Beach Hills #5
Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 5-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3[illegible] Pg. 81

STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd. - W'ly. ½ only
4+72.85		268.18	4.09	264.09	& Split - See pg. 54, 47± 'R top cb.
			4.57	263.61	48± " b.c.
			4.58	263.60	" " e.g.
			5.30	262.88	63.7 " ctr. W. ½
			5.92	262.26	78± " e.g.
			6.03	262.15	80.3 b.c
			5.39	262.79	80.3 T.C.
T.P. 7+00	10.60	278.55	0.23	267.95	T.P.
			0.94	277.61	8' R. T.C.
			1.44	277.11	8.3 " B.C.
			1.48	277.07	9 " e.g.
			2.02	276.53	24± R ctr. W. ½
			2.72	275.83	39 " e.g.
			2.80	275.75	41 " b.c.
			2.17	276.38	41 " T.C.
T.P. 8+00	11.74	289.97	0.32	278.23	T.P.
			5.29	284.68	6.8 R
			5.74	284.21	6.8 R
			5.79	284.18	7.8 R Typ.
			6.19	283.78	23.3 R
			6.65	283.32	38.0 R
			6.80	283.17	40 R
			6.20	283.77	40 R
T.P. 9+00	10.50	300.28	0.19	289.78	T.P.
			8.94	291.34	6.8 R
			9.45	290.83	6.8 R Typ.
			9.48	290.80	7.8 R
			9.79	290.49	23.3 R
			10.07	290.21	38 R
			10.18	290.10	40 R

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd. - W'ly. ½ only	
9+78 ±		300.28	9.75	290.53	F.L. 18" Conc. S.D. pipe -	38' R. - See pg. 55
			11.55	288.73	38' L. - F.L. 18" Conc. S.D. pipe -	" "
10+00			2.50	297.78		6.5 R.
			2.98	297.30		6.5 "
			3.00	297.28		7.5 "
			3.34	297.04		23.5 "
			3.72	296.56		38.0 " Typ.
			3.83	296.45		40.0 "
			3.16	297.12		40.0 "
T.P.	11.57	311.66	0.19	300.09		T.P.
11+00			7.77	303.89		℄
			8.16	303.50		20 R. ctr. W. ½
			8.48	303.18		38 " e.g.
			8.63	303.03		40 " b.c.
			8.01	303.65		40 " t.c.
12+00			1.02	310.64		6.9 " t.c.
			1.55	310.11		6.9 " b.c.
			1.54	310.12		7.9 " e.g.
			1.79	309.87		23.5 " Ctr.
			2.04	309.62		38 " e.g.
			2.16	309.50		40 " b.c.
			1.55	310.11		40 " t.c.
T.P.	9.35	320.66	0.35	311.31		
BM. F.H. 14	11.20	324.89	6.97	313.69	BM. F.H. 14 El. 313.688	F.B. 3919-32

F.B. 3919 Pg. 82 | Job No. 3731.34 | Division No. 11 | Notes Red | Date | Plotted | Date | Profile No. | X-Sec. No.

Survey of Rolling Hills #5 | Notes Chkd. | Date | Checked | Date | No.

Survey by English | Notes Ed | Date

Indexed [illegible] 4/70

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd. – W'ly. 1/2 only
13+00		324.89	7.82	317.07	7 R. t.c.
			8.33	316.56	7 " b.c.
			8.34	316.55	8 " e.g.
			8.59	316.30	23.5 " ctr.
			8.87	316.02	38 " e.g.
			9.00	315.89	40 " b.c.
			8.36	316.53	40 " t.c.
14+00			1.40	323.49	7 R.
			1.92	322.97	7 "
			1.93	322.96	8 "
			2.16	322.73	23.5 "
			2.45	322.44	38 " Typ.
			2.58	322.31	40 "
			1.98	322.91	40 "
T.P.	11.48	333.89	2.48	322.41	TP #53 fd.
15+00			3.89	330.00	7 "
			4.43	329.46	7 "
			4.42	329.47	8 "
			4.63	329.26	23.5 " Typ.
			4.94	328.95	38 "
			5.06	328.83	40 "
			4.45	329.44	40 "
TP.	10.61	342.71	1.79	332.10	T.P.

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. 3010 PG. 83
X-Sec. No. ____ Date ____ Date ____ Survey of Rolling Hills #5
Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 5-70
Date ____ Date ____ Map No. 1 Indexed C. J. GALLI Date JUL 4 [illegible]

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd. — W'ly. 1/2 only		
16+00		342.71	6.31	336.40		7 R.	
			6.80	335.91		7 "	
			6.82	335.89		8 "	
			7.05	335.66		23.5 "	Typ.
			7.28	335.43		38 "	
			7.43	335.28		40 "	
			6.81	335.90		40 "	
T.P.	9.89	352.34	0.26	342.45		T.P.	
17+00			9.44	342.90		7 "	
			10.00	342.34		7 "	
			9.98	342.36		8 "	
			10.19	342.15		23.5 "	
			10.46	341.88		38 "	Typ.
			10.62	341.72		40 "	
			10.03	342.31		40 "	
18+00			2.99	349.35		7 "	
			3.50	348.84		7 "	
			3.49	348.85		8 "	
			3.76	348.58		23.5 "	
			4.07	348.27		38 "	Typ.
			4.25	348.09		40 "	
			3.63	348.71		40 "	
18+37 (40' R.)	10.57	361.73	1.18	351.16	fd. B.M. F.H.-13, el.: 351.164, Pg. 32		
18+73.03			8.09	353.64	Int. ℄ Hawthorne Blvd & ⊼ Line W'ly.		

F.B. 3919 Pg. 84 | 3731.34 Job No. Division No. 11 Notes Red Plotted Profile
Survey of Rolling Hills #5 Date Date No. X-Sec.
Survey by English Notes Ed. Notes Chkd. Checked
Indexed C.J. GALLI Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd. - W'ly. 1/2 only
19+00		361.73	6.39	355.34	℄
			6.59	355.14	20 R ctr.
			7.09	354.64	38 " e.g.
			6.99	354.74	40 " F/L. (No Cb)
T.P.	9.91	371.48	0.16	361.57	T.P.
20+00			9.22	362.26	6.2 T.C.
			9.76	361.72	6.2 B.C.
			9.79	361.69	7.2 " e.g.
			10.05	361.43	23.5 " ctr.
			10.43	361.05	37.3 " e.g.
			10.55	360.93	39.3 " b.c.
			9.90	361.58	39.3 " t.c.
21+00			2.84	368.64	1.5 R T.C.
			3.33	368.15	1.5 " B.C.
			3.34	368.14	2.5 " E.G.
			3.71	367.77	19.1 " Ctr. Pv.
			4.03	367.45	31.3 " E.G.
			4.23	367.25	33.3 " B.C.
			3.60	367.88	33.3 R T.C.
T.P.	10.77	381.78	0.47	371.01	T.P.
22+00			6.69	375.09	3.1 "
			7.19	374.59	3.1 "
			7.20	374.58	4.1 " Typ.
			7.40	374.38	20.6 "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3731.37 Division No. 11 F.B. 3919 Pg. 85
X-Sec. No. ____ Date ____ Date ____ Survey of Rolling Hills #5
Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 5-70
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STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Blvd.	W'ly. 1/2 only	
22+00		381.78	7.71	374.07		34 7 R	e.g.
			7.85	373.93		36 7 "	b.c.
			7.20	374.58		36 7 "	t.c.
23+00			0.25	381.53		6 6 "	t.c.
			0.72	381.06		6 6 "	b.c.
			0.71	381.07		7 6 "	e.g.
			1.05	380.73		24.1 "	ctr.
			1.25	380.53		37 7 "	e.g.
			1.39	380.39		39 7 "	b.c.
			0.73	381.05		39.7 "	T.C.
T.P.	12 01	393.48	0.31	381.47		T.P.	
24+00			5.59	387.89		6 9 "	
			6.07	387.41		6 9 "	
			6.08	387.40		7 9 "	
			6.31	387.17		24.4 "	Typ.
			6.61	386.87		31 1 "	
			6.76	386.72		33 1 "	
			6.11	387.37		33 1 "	
	10.78	404.01	0.25	393.23			
25+00			9.65	394.36		7 "	
			10.14	393.87		7 "	
			10.17	393.84		8 "	Typ.
			10.40	393.61		24 5 "	

F.B. 3919 Pg. 86 | Job No. 3931.34 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Rolling Hills #5 | Date | Date | No. | X-Sec.
Survey by English | Notes Ed. | Notes Chkd. | Checked | No.
Indexed C. J. GALLI | Date | Date | Date

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STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd. - W'ly. 1/2 only
25+00		404.01	10.73	393.28	31 R e.g.
			10.87	393.14	33 " b.c.
			10.20	393.81	33 " t.c.
26+00			3.24	400.77	6 9 " t.c.
			3.72	400.29	6 9 " b.c.
			3.75	400.26	7 9 " e.g.
			4.00	400.01	24 9 " c.l.
			4.31	399.70	31 " e.g.
			4.45	399.56	33 " b.c.
			3.79	400.22	33 " t.c.
T.P.	10.31	413.71	0.61	403.40	T.P.
27+00			6.48	407.23	6 1 "
			6.99	406.72	6 9 "
			6.98	406.73	7 9 "
			7.25	406.46	24 4 " Typ.
			7.56	406.15	31 "
			7.69	406.02	33 "
			7.02	406.69	33 "
27+38			4.00	409.71	Sec. taken @ 90° to & Hawthorne Blvd. 7 "
			4.49	409.22	7 " Typ.
			4.48	409.23	8 "
			4.82	408.89	24 4 "

Profile Notes Red. Plotted Job No. Division No. F.B.
No. Date Date Survey of Pg.
X-Sec. Notes Chkd. Checked Survey by Notes Date
No. Date Date Map No. Indexed D.T. GALLI Date JUN 4 70

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STATION	B.S.	H.I.	F.S.	ELEV.	Hawthorne Blvd	W'ly. ½ only
27+38		413.71	5.07	408.64		31 R e.g.
			5.21	408.50		33 " b.c.
			4.57	409.14		33 " t.c.
					7.5 offset Line	- Pg. 60
27+90			5.45	408.26	" " "	- B.B.
T.P.	10.77	424.34	0.14	413.57	T.P.	
28+10			5.15	419.19	7.5 offset Line	T.B.
T.P.	10.03	431.23	3.14	421.20	T.P.	
28+53			6.48	424.75	7.5 Offset Line	- e.p.
			6.76	424.47		8.5 - R. E.P.
			5.94	425.29	10' L pvmt.	
28+61.0			5.87	425.36	INT. 7.5 offset Line & ℄ Line Saddle	bow
29+00			3.11	428.12	7.5 Offset Line	
			3.55	427.68		13.2 R. ep.
			2.45	428.78	6.0 L e.p.	
T.P.	8.12	438.34	1.01	430.22		
30+00			7.51	430.83	7.5	Offset
			8.10	430.24		11.1 R. ep
			7.30	431.04	4.8 L. e.p.	
31+00			5.81	432.53	7.5	Offset
			6.05	432.29		11.9 R. ep.
			5.66	432.68	3.8 L. e.p.	
32+00			3.40	434.94	7.5	offset
			3.46	434.88	11.6	R. e.p.
			3.28	435.06	4.5 L e.p.	
T.P.	5.50	441.69	2.15	436.19	T.P.	
BM F.H. 18						
32+00	11.22	446.83	6.08	435.61	20 L. - fd. B.M. F.H. 18	el. = 435.614, Pg. 37

F.B. 3919 Pg. 88 Job No. 3731.34 Division No. 11 Notes Red Plotted Profile
Survey of Rolling Hills #5 Date Date No.
Survey by Enalish Notes Ed Notes Chkd. Checked X-Sec.
Indexed C.J. GALL Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
32+31		446.83	10.69	436.14		7^5 Offset
			11.24	435.59		10^6 R. e.p.
32+32			10.67	436.16	π-line - Wildhorse Lane - Pg. 63	
			10.91	435.92		7^5 R. F.L.
			10.64	436.19		15^5 R. e.p.
33+00			5.87	440.96		π-line
			5.83	441.00		3 R. brk.
			5.07	441.76		14^9 R. e.p.
			5.87	440.96	7.7 L e.p.	
T.P.	10.60	457.12	0.31	446.52		
34+00			8.72	448.40		π-line
			8.76	448.36		14^6 R. pv.
			8.62	448.50	7^2 L. e.p.	
35+00			2.55	454.57		π-line
			2.42	454.70		16^4 R. pv.
			2.56	454.56	7.5 L e.p.	
T.P.	8.55	465.25	0.42	456.70		
36+00			4.62	460.63		π-line
			3.98	461.27		17^0 R. e.p.
			4.73	460.52	13.3 L e.p.	
T.P.	11.12	476.19	0.18	465.07		
37+00			7.02	469.17		π-line - Pg. 66
			6.78	469.41		12^8 R e.p.
			6.92	469.27	7.6 L e.p.	
T.P.	10.04	485.79	0.44	475.75	T.P.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 3714 Pg. 67
X-Sec. No. ____ Date ____ Date ____ Survey of Sotting Hills #5
Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 5-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLY Date JW 4-70

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STATION	B. S.	H. I.	F. S.	ELEV.		
38+00		485.79	4.13	481.66		π-line Pg. 66
			3.93	481.86		12.6 R e.p.
			4.07	481.72	7.6 L e.p.	
T.P.	11.34	496.69	0.44	485.35		
fd. B.M. SY5975			5.65	491.04	B.M. SY5975, el = 491.039, Pg. 22 & 38	
					P.V. Dr. No. & Wildhorse Lane, Ho # 4501	
		Saddlebow Lane			7.5 Offset Line - Pg. 60	
fd. B.M. F.H. 17	6.04	436.35		430.31	B.M. F.H. 17, el. = 430.310, Pg. 36	
					Ho. # 2505	
1+00			11.01	425.34		7.5 off. - Pg. 60
2+00			6.35	430.00		" "
			5.94	430.41		8.2 R. e.p.
			6.51	429.84	6.8 L. e.p.	
3+00			1.31	435.04		"
			0.95	435.40		8.4 R. e.p.
			1.48	434.87	6.5 L e.p.	
T.P.	11.29	446.80	0.84	435.51		
4+00			7.33	439.47		"
			6.98	439.82		8.1 R. e.p.
			7.45	439.35	6.3 L. e.p.	

F.B. 3919 PG. 90 Job No. 3731.34 Division No. 11 Notes Red Date Plotted Date No. Profile
Survey of Rolling Hills #5 Notes Chkd. Date Checked Date No. X-Sec.
Survey by English Notes Ed. Date
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STATION	B.S.	H.I.	F.S.	ELEV.	Saddlebow Lane — 7⁵ Offset Line
5+00		446.80	1.68	445.12	7⁵ off.
			1.51	445.29	8⁴ R. e.p.
			1.78	445.02	6² L. e.p.
T.P.	11.65	458.22	0.23	446.57	
6+00			4.69	453.53	"
			4.51	453.71	7⁹ R. e.p.
			4.99	453.23	6.9 L. e.p.
T.P.	9.90	467.73	0.39	457.83	
7+00			3.66	464.07	"
			3.61	464.12	8⁰ R. e.p.
			3.89	463.84	7.⁷ L. e.p.
T.P.	11.60	478.96	0.37	467.36	
8+00			2.30	476.66	"
			2.06	476.90	7² R. e.p.
			2.57	476.39	7.⁷ L. e.p.
fd. fd	3.80	482.68	0.08	478.88	
B.M. A-3			6.01	476.67	B.M. A-3, el.= 476.666, pg. 21
					P.V. dr. No. & Saddlebow Ln.
					Ho. # 4425, Bench N. & lead.
fd.					
B.M. F.H. 13	10.30	361.46		351.16	B.M. F.H. 13, el = 351.164, pg. 32.
1+00			7.81	353.65	INT. ⊼ Line & Hawthorne Blvd. - Pg. 57
1+38			8.96	352.50	" e.g.
1+40			8.84	352.62	" F.l.
1+45.0			5.32	356.14	43.⁰ L. e.p.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3101.31 Division No. 11 F.B. 3919 PG. 91
Date ____ Date ____ Survey of Rolling Hills #5
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by English Notes Ed Date 5-70
Date ____ Date ____ Map No. ____ Indexed C. J. GAITS Date JUN 4 '70

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F.B. 3919 Pg. 92 Job No. 31307 Division No. 11 Notes Red Plotted Profile
Survey of Rolling Hills #5 Date Date No. X-Sec.
Survey by English Notes Ed. Notes Chkd. Checked No.
Indexed O.K. (GALL) Date Date

STATION	B. S.	H. I. 361.46	F. S.	ELEV.		
						π-Line — Pg. 70
T.P.	2 62	361.62	2 46	359.00		
1+50			8.41	353.21	π Line	
1+52.8			9.28	352.34		13° R e.p.
2+00			7.68	353.94	π-line	
			8.87	352.75		16 R. pr.
			5.63	355.99	30 L. pr.	
2+50			5.86	355.76		π-line
			4.85	356.77	22 L. B.B.	
2+78°			4.03	357.59	B.B.	π-line
2+85.			3.8	357.8	B.B.	10 R.
T.P.	7.72	368.89	0.45	361.17	T.P.	
T.P.	11 21	379.29	0 81	368.08	T.P.	π Line
3+06			4.6	374.7		Top of Bank
			4.6	374.7	3' L B.B.	
T.P.	7.54	386.19	0.64	378.65		
			4.2	382.0	18' L T.B.	
3+12			10.9	375.3		10' R. T.B.
3+30			9.7	376.5	Brk.	π-line
3+60			4.7	381.5		"
			3.8	382.4		
4+00			4.5	381.7	20' L Gnd	π Line
			4.3	381.9		14.6 R T.B.
			10.1	376.1		27 R B.B.
			10.2	376.0		37 R Gnd
			2.1	384.1	45' L Gnd.	
5+00	6.79	390.74	2.24	388.95		π Line
			8.3	382.4		20' R.
			4.5	386.2	30 L.	

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STATION	B.S.	H.I.	F.S.	ELEV.	5' Offset Line - Pg. 71
6+00		390.74	2.9	387.8	"
			4.0	386.7	8' R Brk
			4.8	385.9	20 R Gnd
			1.9	388.8	5' L.
6+25			1.8	388.9	π Line
			1.7	390.0	3' R T.B.
			4.3	386.4	8' R B.B.
			5.3	385.4	20' R Gnd.
			1.8	388.9	5' L Gnd.
T.P. 7+00	3.22	390.25	3.71	387.03	π Line
			2.9	387.3	
			4.9	385.3	20' R. Gnd.
			2.7	387.5	5' L Gnd
8+00			4.2	386.0	π Line
			4.8	385.4	8. R.
			5.7	384.5	20 R
			3.7	386.5	5 L Gnd.
8+56.			8.3	381.9	π Line
8+70			10.5	379.7	π Line
			10.6	379.6	8' R
			10.4	379.8	20' R
			10.2	380.0	5 L.
fd. T.P.	4.87	391.02	4.10	386.15	
B.M. F.H. 12			0.84	390.18	B.M. F.H. 12, El. 390.211 F.B. 3919-31
fd. B.M. F.H. 10	8.72	417.10		408.38	B.M. F.H. 10, el. = 408.379, pg. 29
	Con't. from pg. 115				Spk. in S.D. conc. ditch
4+00			9.3	407.8	π line -Pg. 76
			9.5	407.6	5' R.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. 3919 PG. 93
No. ____ Date ____ Date ____ Survey of Rolling Hills #5
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No. ____ Date ____ Date ____ Map No. 1 Indexed C. J. GALLI Date [illegible]

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STATION	B.S.	H.I.	F.S.	ELEV.	π line - Pg. 73
4+00		417.10	9.8	407.3	22' L. F/L Ditch
4+06 5			8.8	408.3	π Line Bot brk
			9.1	408.0	Bot Brk 6.7 R. Gnd over C.I.P.
			11.68	405.42	6.7 R. F/L 24" C.I.P. Drain outle
			8.6	408.5	22' L Bot brk
T.P.	9.90	423.22	3.78	413.32	
4+28.0			4.0	419.2	π Line Top brk
			3.7	419.5	5' R. " "
4+34.1			2.7	420.5	π Line Gnd.
			2.3	420.9	5' L Top brk
			2.1	421.1	22' L " "
T.P.	6.17	427.19	2.20	421.02	
			5.6	421.6	π Line
			6.1	421.1	5' R Gnd
			4.8	422.4	22' L Gnd
T.P.	5.96	427.64	5.51	421.68	
5+32.1			5.0	422.6	π Line
			4.7	422.9	5' R Gnd
			4.7	422.9	22' L Gnd
5+38.3			10.62	417.02	0.1 R F/L C.I.P. Dra.

F.B. 3919 Pg. 94 | Job No. 3731.34 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Rolling Hills #5 | Date | Date | No.
Survey by English Notes E.S. | Notes Chkd. | Checked | X-Sec.
Indexed C.J. GALLI | Date | Date | No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
						π Line Pg. 73.
		427.64				
5+42.1			4.67	423.37		π Line Top Cb.
			4.64	423.00		5' R " "
			4.59	423.05	22' L	Top Cb.
			5.63	422.01		π line Bot Cb.
			5.49	422.15		5' R " "
			5.62	422.02	4.5 L	Bot Cb.
			5.20	422.44	22 L	" "
5+46.2			5.25	422.39		π Line
			5.09	422.55		5' R. Edge Gutter
			5.24	422.40	1.5 L	Cor Edge Gutters
			5.35	422.29	4.5 L	F/L Gutter
			5.25	422.39	7.5 L	Cor Edge Gutters
			4.94	422.70	17° L	Edge Gutter
5+37.42			5.26	422.38	Int.	π Line & Semi Φ Ferncreek Dr
5+55.2			5.17	422.47		π Line Ctr Pumt
			5.03	422.61		5' R Pumt
			5.28	422.36	1.5 L	Pumt
			5.34	422.30	4.5 L	"
			5.26	422.38	7.5 L	"
			4.87	422.77	22 L	"

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 3919 Pg. 95
X-Sec. No. ____ Date ____ Date ____ Survey of Rolling Hills #5
Notes Chkd. ____ Checked ____ Survey by English Notes E.S. Date 5-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date JUN 4 70

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	⊼ Line Pg. 73.	
		427.64				
5+64.3			5.25	422.39	4.4' L F/C Gutter	
5+66.4			5.07	422.57		1.6 R Edge Gutter
			5.03	422.61		S R " "
			5.03	422.61	10' L Edge Gutter	
			4.96	422.68	22' L " "	
5+68.2			5.24	422.40	⊼ Line Bot Cb.	
			5.20	422.44		S' R " "
			5.23	422.41	1.4 L Bot Cb.	
			5.10	422.54	4.4 L " "	
			5.20	422.44	7.4 L " "	
			5.11	422.53	22 L " "	
5+68.3			4.57	423.07	⊼ Line Top Cb	
			4.57	423.07		S' R " "
			4.49	423.15	22' L Top Cb.	
5+78.3			3.6	424.0	⊼ Line Ground.	
B.M. F.H. 3 fd.			3.98	423.66	B.M. F.H. 3; El. 423.663 F.B. 3919-25 Ferncreek Dr. S. Side 11 ft. W'ly of W. edge of E'ly drive to Ho # 4712. Bt. Spk. in conc. cb.	

F.B. 3919 Pg. 96 Job No. 3731.34 Division No. 11 Notes Red Plotted Profile
Survey of Rolling Hills #5 Date Date No.
Survey by English Notes E.S. Notes Chkd. Checked X-Sec.
Indexed C.J. GALLI Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	π Line 20' Offset ~ Pg. 103 & 106.
fd. B.M. F.H. 9	4.06	380.83		376.77	B.M. F.H. 9, el= 376.775, Pg. 28, S.E. horse correl.
TP	0.12	369.13	11.82	369.01	
TP	0.62	358.00	11.75	357.38	
TP	0.10	346.94	11.16	346.84	
TP	3.45	338.58	11.81	335.13	
1+00			11.5	327.1	Pg. 103 & 106 π Line ~ Slope
			12.0	326.6	20 R
			8.0	330.6	20 L
1+06			14.9	323.7	π Line F/L
			15.7	322.9	20 R F/L
			13.6	325.0	20 L F/L
1+20			7.9	330.7	π Line
			4.6	334.0	
			8.7	329.9	20 L
T.P.	12.10	349.88	0.80	337.78	
T.P.	12.25	362.05	0.08	349.80	
T.P.	10.98	372.58	0.45	361.60	
1+73.8			7.1	365.5	π Line Brk
1+76			7.1	365.5	π Line
			6.8	365.8	20 R Brk
			5.7	366.9	20 L Brk

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3[illegible] Division No. 11 F.B. 3919 PG. 97
X-Sec. No. ____ Date ____ Date ____ Survey of Rolling Hills #5
Notes Chkd. ____ Checked ____ Survey by E. F. ENGLISH Date E. F. ENGLISH 5-70
No. ____ Date ____ Date ____ Map No. ____ Indexed G. L. GALLI Date JUN 1970

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STATION	B.S.	H.I.	F.S.	ELEV.	Π Line 20'	Offset Pg 103
		372.58				
2+04.7			5.1	367.5	Π	Line Brk.
			5.2	367.4		20 R Brk.
			4.8	367.8	20 L Brk.	
T.P.	11.75	383.61	0.72	371.86		
2+18			5.3	378.3	Π	Line
			7.7	375.9		20 R
			5.3	378.3	20 L	
2+26			0.2	383.4	Π	Line
			0.5	383.1		20 R
			2.3	381.3	20 L	
T.P.	11.41	394.42	0.60	383.01		
T.P.	11.39	405.21	0.60	393.82		
T.P.	4.18	408.00	1.39	403.82		
2+56			8.5	399.5	Π	Line
			12.5	395.5		20 R Brk
			12.5	395.5		25 R Brk
			7.2	400.8	20 L	
2+59.5			4.6	403.4	20 L Brk	
2+62			4.6	403.4	Π	Line Brk
			12.4	395.6		20 R

F.B. 3919 Pg. 98 | Job No. 3731.34 | Division No. 11 | Notes Red | Date | Plotted | Date | Profile No. | X-Sec. No.

Survey of Rolling Hills #5 | Notes Chkd. | Date | Checked | Date

Survey by E. English | Notes E.S. | Date

Indexed C.J. GALLY

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		408.00				℄ Line 20' offset - Pg. 105 & 106
2+62			12.4	395.6		25 R
3+0.0			4.1	403.9	℄	Line
			4.0	404.0		98 R
			12.1	395.9		20 R
			13.4	394.6		20-1 R
			13.4	394.6		25 R
			3.6	404.4	20 C	
TP.	6.74	411.60	3.14	404.86		
3+26.7			6.5	405.1	℄	Line
			6.9	404.7		13.3 R
			9.9	401.7		20 R
			11.0	400.6		20-1 R
			11.0	400.6		25 R
			6.3	405.3	20 L	
3+27.0			6.5	405.1	℄	Line
			6.9	404.7		13.3 R
			11.0	400.6		20 R
			11.0	400.6		25 R
3+ 72			6.4	405.2	℄	Line
			7.3	404.3		16.4 R

Profile Notes Red Plotted Job No. 3131.37 Division No.
No. X-Sec. Date Date Survey of Rolling Hills #5
Notes Chkd. Checked Survey by E. Englund Notes E.S. Date 5-25-70
No. Date Date Map No. Indexed G.T. GALLI Date
F.B. 3917 PG. 99

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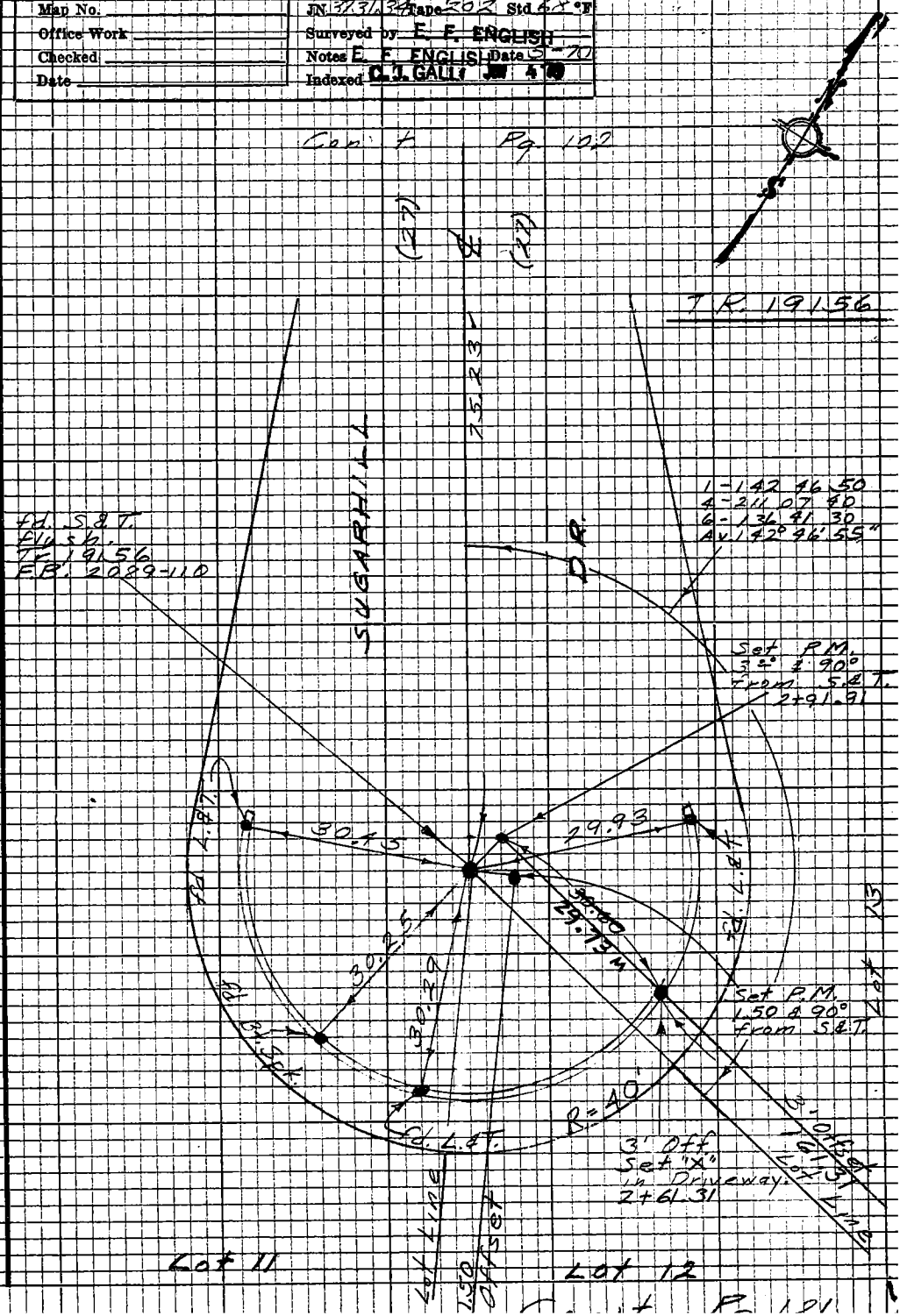
F.B. 3919 Pg. 100 | Job No. 3731.34 Division No. 11
Survey of Rolling Hills #5 Notes Red Plotted Profile
Survey by E. Engkvist Notes E.S. Date No. X-Sec.
Indexed D.J. GATTI Date Notes Chkd. Checked Date No.

STATION	B.S.	H.I.	F.S.	ELEV.		
					π Line 20' offset - Pg. 105	
3+72		411.60	9.9	401.7		22 R
			9.9	401.7		25 R
			5.4	406.2	20 L	
4+00			7.3	404.3	π	Line
			9.2	402.4		14 R
			9.3	402.3		20 R
			10.3	401.3		25 R E.P.
			3.9	407.7	20 L	
4+32			8.8	402.8	π	Line
			9.7	401.9		11.3 ℄ E.L.
			6.0	405.6	20 L	
4+46.6			9.12	402.48	π	Line E.P.
			9.35	402.25	π	Line F/L
			9.65	401.95	INT Semi ℄ Sugarhill Dr & π Line	Pg. 102
			8.22	403.38	21 4 F/L	
			7.63	403.97	27 2 E.P.	
B.M. F.H. 8			10.85	400.75	B.M. F.H. 8, El. 400.758 F.B. 3919-27 Sugarhill Drive E. End. 10' W. of C.B. Spk. in conc. cb.	

PWFB 0317

485

Notes Ck'd by	Survey of Sitting Hill #5	F.B. 3919 Pg. 191
Map No.	JN 3/31/34 Tape 202 Std 68 °F	
Office Work	Surveyed by E. F. ENGLISH	
Checked	Notes E. F. ENGLISH Date 5-70	
Date	Indexed C. J. GALLI JN 4 70	



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WS 27 C-2

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76P209S CE #310 5-66

PWFB 0317 486

F.B. 3979 PG. 122

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PWFB 0317 487

Notes Ck'd by Cavatalo	Survey of Rolling Hills #5
Map No.	JN 37.31.34 Tape 202 Std 68 °F
Office Work	Surveyed by E. F. ENGLISH
Checked	Notes E. F. ENGLISH Date 5-70
Date	Indexed C. J. GALLI JUN 4 70

F. B. ~~3919~~ PG. ~~103~~

Con't. Pg. 121

Bdry. ∠ Pt. - Tr. 19156 - lot #11 fd. 2" I.P. conc. plug N. & Tag. R.E. 9171. flush. no ref. near S'ly. side of canyon bottom.

Rec. = 152°-07'-40"

314.09
78.00

1 - 84 44 50
4 - 338 59 10
6 - 148 28 40
Av. 84°44'47"

95.33 @ 25°01' T-74° = 86.39

85.99 @ 29°36' T-74° = 74.77
1.09
75.86

61.92 Lev. T-68° = 61.92
60.00 " " = 60.00

114.06 C.&N.

1640.83

Lot Cor. - Tr. 19156 fd. nothing. Set "

16+60.83

Lot 11
Lot 9

20' Offset Set 1" I.P. P.R. Tag. - flush. by prop. Tr. 19156. 1+00

60.29
86.39
75.86
20' Offset

2+62.25
1+75.86

20' Offset Set 1x2 & N. flush. Brk.

Lot 9
Lot 8

387.76

1 - 88 21 00
4 - 353 24 10
6 - 170 06 20
Av. 88°21'03"

P.O.T. - Set 1x2 & N. flush.

211.41 @ 3°49' T-78° = 210.93
34.03 Lev. " = 34.03
= 244.96

Used 300' tape #167

244.96
S'ly. Bdry. Tr. 19156.

Set 1x2 & N. flush.

Set "X" in rock. 20+00 (steep side hill)

60.00

173.63 @ 3°18' T-78° = 173.33
3.70 Lev. " = 3.70
210.73 @ 4°59' T-76° = 209.92
0.81 Lev. " 0.81
387.76

61.92
90°
84°44'47"
T-Line
Calc 412.2

Con't. Pg. 76

Con't. Pg. 104

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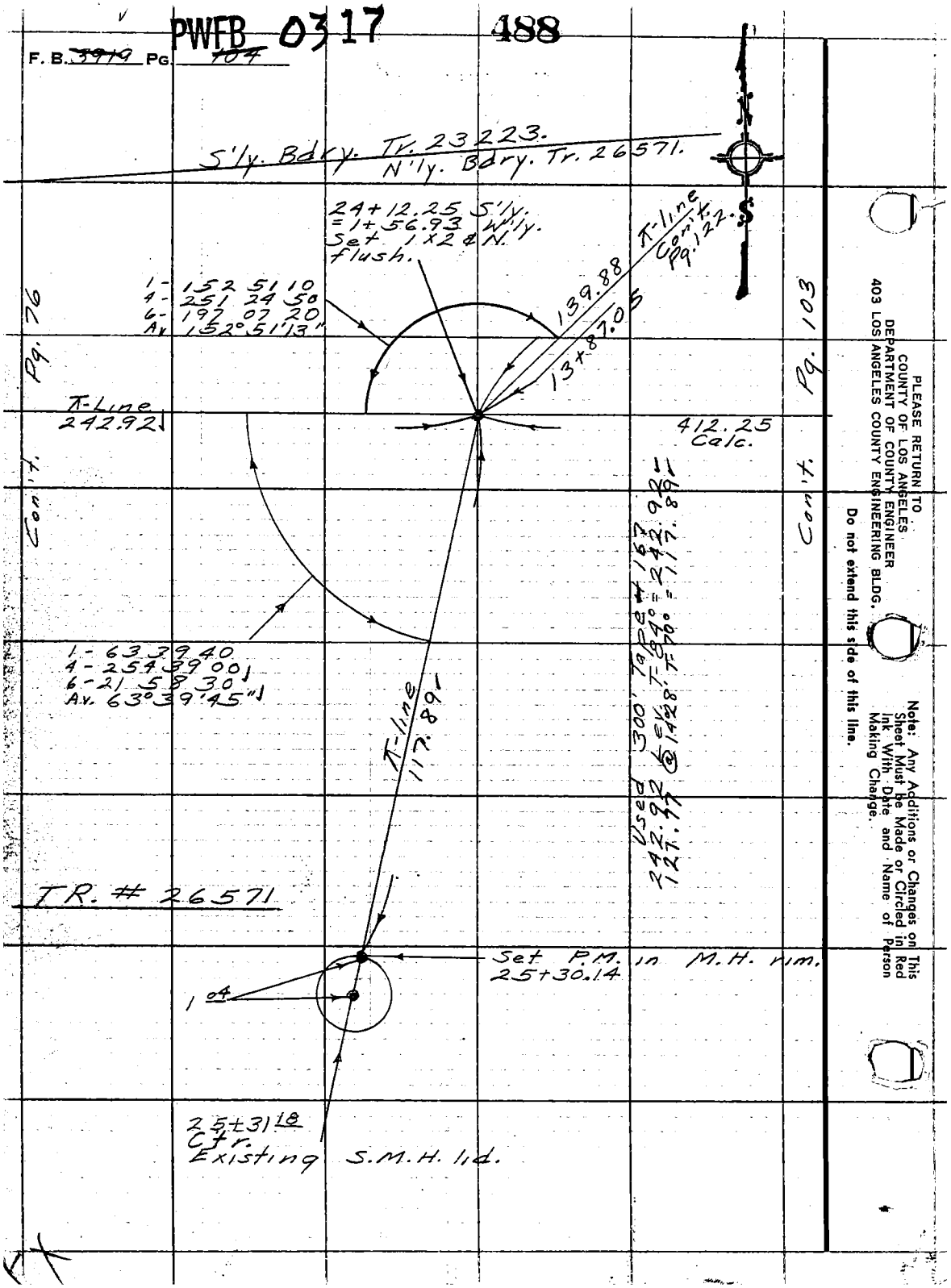
76F309S CE#310 3-68

PWFB 0317

488

F. B. 3919 PG. 104



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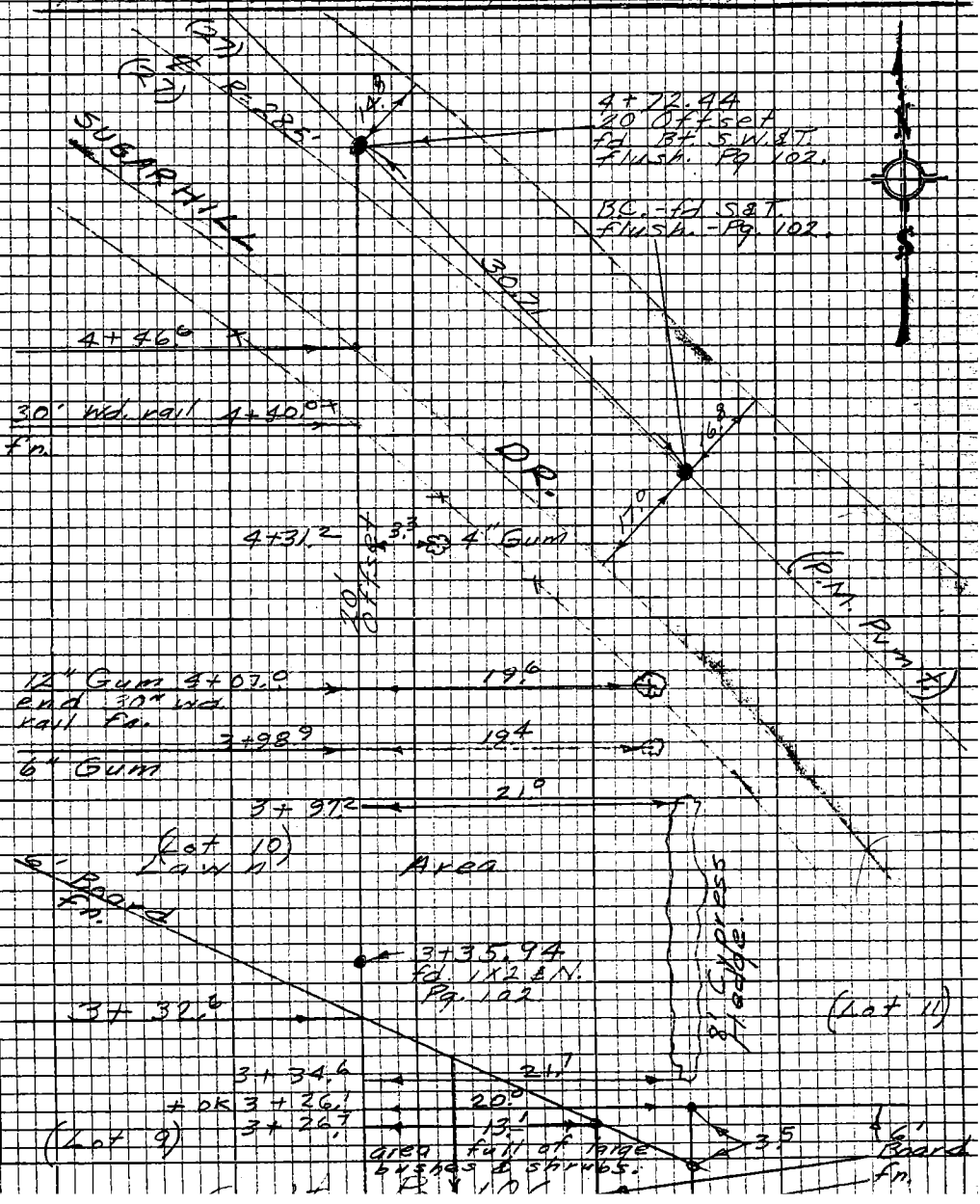
Notes Ck'd by	Survey of Rolling Hill #5	F.B. 3719 Pg. 105
Map No.	JN 3731.34 Tape 202 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. 1 Date 5-70	
Date	Indexed C.J. GALLY JUN 4 70	

Topography from S'ly Bdry. Tr. 19156 to Sugarhill Dr. along E'ly line of Lots 9 & 10 Tr. 19156. See Pgs. 102 & 103.



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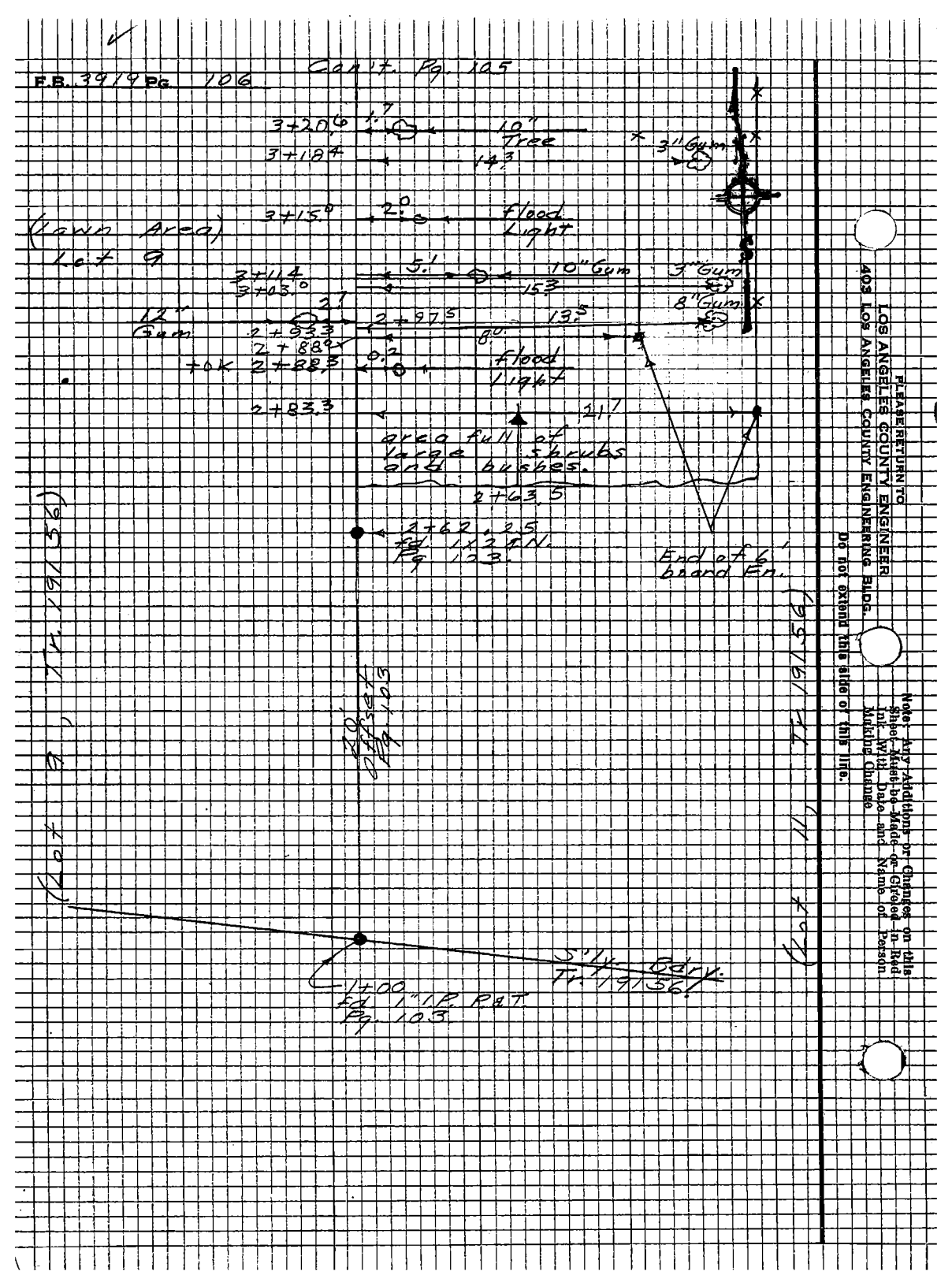
76P309B CE #310 5-66

F.B. 3919 Pg. 106

Cont. Pg. 105



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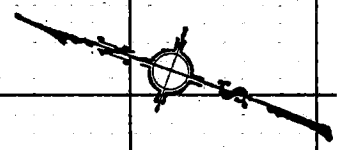
Map No.	JN 373/34 Tape 202 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 5-70
Date	Indexed C. J. GALLI JUN 4 70

F. B. 3919 PG. 107



20+00
fd. "X" in rock.
Pg. 103.
(steep side hill).

5° Wood ℄
20.°
20+78.3
20+78.5
4.°
4" Pepper
20+82°
Chain Link Fn.

14" Tree
13.5
21+89.5
T line
21+97.°
4-8" Tree

22+06.°
3.8
9 & 11" Tree
14.°
2-8" Tree
14" Tree
15.5
22+08.5
22+11.°
20.°
Clump of 9 Trees 5 to 12"

4.5
18.°
22+33.°
barbwire Fn
22+38.7
4°
into ground.

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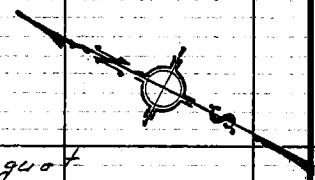
76F309S CE#310 3-68

Con't. Pg. 108

F. B. 3919 Pg. 108

Cont. Pg. 107.



22+47 — 2.0 — 2" Logan

2" Redwood — 0.4 — 22+64.3

2" Fig — 4.6 → 22+79.8

2½" Apple — 2.2 → 22+91.0

2" Redwood — 3.4 → 23+09.2

17.5 → 23+28.0

6" Tree — 14.0 → 23+37.5

℄ - Line Pg. 104

23+51.5 — 6.5 — 2" Redwood

23+86.0 — 10.5 — 2-5" Apricot

Cont. Pg. 109.

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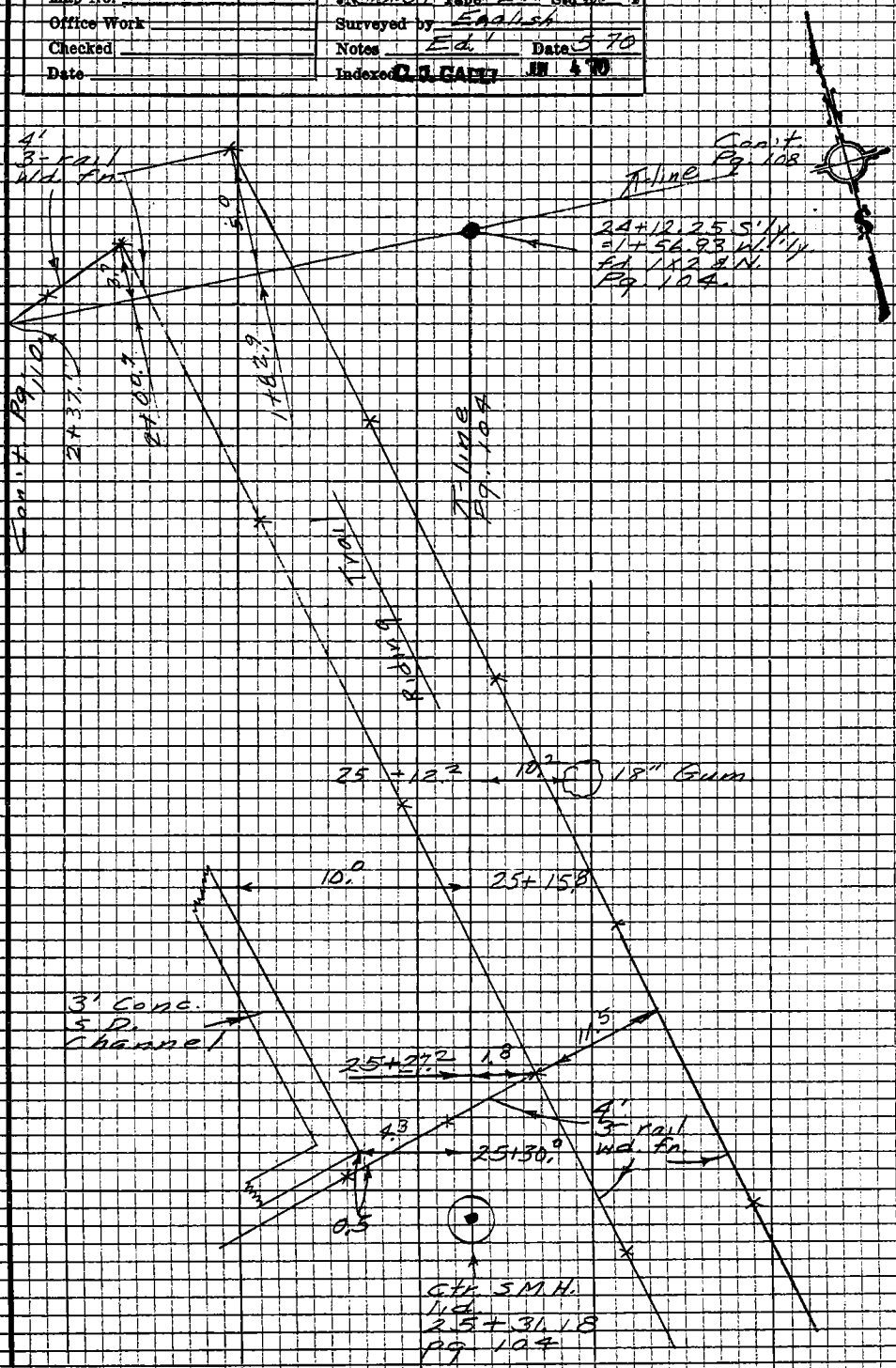
Notes Ck'd by		Survey of Rolling Hills #5	F.B. 3919 Pg. 109
Map No.		JN 3131.34 Tape 202 Std 68 °F	
Office Work		Surveyed by English	
Checked		Notes Ed.	Date 5 70
Date		Indexed C. J. CAELI	JN 4 70



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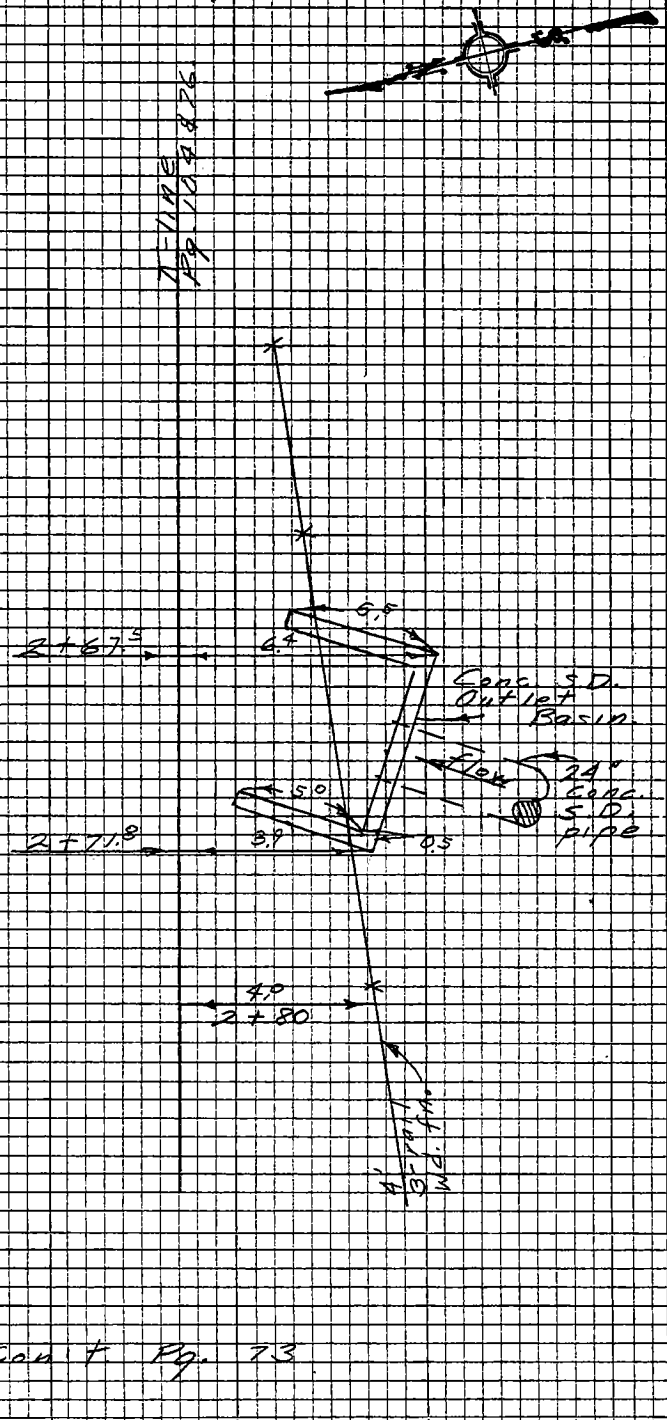
76P3095 CE #310 5-66

F.B. 3919 Pg. 110

Cont. Pg. 109



Cont Pg. 73

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STATION	B.S.	H.I.	F.S.	ELEV.		
					π-line	— Pg. 107
Fd. B.M. F.H. 9	11 35	388.12		376 77	B.M. F.H. 9, el=376.775, Pg. 28,	S.E. Cor. Horse Correl.
	7.45	390.06	5.51	382.61		
20+00			6.1	384.1	π-line	-Pg. 107
			15.9	368.2		20 R
			+4.6	394.7	12 L Ed drive	(dirt)
			+4.6	394.7	20 L	
20+24			1.0	389.1	π	Line
			13.4	376.6		20 R
			+3.2	393.3	4.5 L Ed. drive	(dirt)
			+3.0	393.1	20 L	
20+25			1.2	388.8	π	Line
			9.8	380.2		20 R
			+3.2	393.3	4.5 L Ed. drive	(dirt)
			+3.0	393.1	20 L	
T.P.	6.85	396.07	0.84	389.22		
20+47			5.4	390.7	π	Line Ed. drive
			14.0	382.1		15 R Brk
			15.9	380.1		20 R
			4.4	391.7	20 L Ed drive	
			+4.2	400.3	25 L	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 39 PG. 111
No. ____ Date ____ Date ____ Survey of Rolling Hills #5
X-Sec. Notes Chkd. ____ Checked ____ Survey by Engleh Notes Ed. Date 5-70
No. ____ Date ____ Date ____ Map No. 1 Indexed C.J. GALLA Date JUN 4 70

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F.B. 3419 PG. 112 | Job No. 3731.34 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Rolling Hills #5 | Date | Date | No. | X-Sec.
Survey by E. English | Notes E.S. | Notes Chkd. | Checked | No.
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	π-line Pg. 107
		396.07			
20+16			4.3	391.8	π Line end dirt drive
			5.2	390.9	9 R " " "
			13.6	382.5	26 R
			4.2	391.9	5 L
			+3.2	399.3	20 L end dirt drive
20+82			6.0	390.1	π Line
			9.8	386.3	9 R
			14.7	381.4	20 R
			0.0	396.1	10 L
			+4.1	400.2	20 L
21+00			3.7	392.4	π Line
			12.5	383.6	20 R
			+4.8	400.9	20 L
T.P.	4.40	393.48	6.99	389.08	
21+68			5.5	388.0	π Line
			12.4	395.9	20 R
			+2.0	395.5	20 L
T.P.	3.39	388.59	8.28	385.20	
21+92			13.3	375.3	20 R
22+11			9.8	378.8	π Line

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	π-line	Pg: 107
		388.59				
22+15			5.5	383.1	20 L	
T.P.	12 29	397 52	3.36	385.23	T.P. Sta 22+21.27	
22+21			12.9	384.6	Brk.	π-line
22+50			2 7	394.8		"
			7 8	389.7		10' R.
			1 9	395.6	10' L.	
23+00			1 6	395.9		π-line
			2 8	394.7		7' R.
			4 4	393.1		10' R.
			0 8	396.7	10 L.	
T.P.	6 12	402 15	1 49	396 03	1X2	
24+00			4 3	397.8		π-line Pg. 108
			7 3	393 8		10 R.
			1 9	400.2	10 L.	
1+56.93 = 24+12.25	11 20	409 35	4 00	398 15		π-line Pg. 109
24+65			3 0	406.3	Brk.	"
			4 3	405.0		10 R.
			2 2	407.1	10 L.	
T.P.	11 15	419 26	1 24	408 11	1X2	
24+87			6 8	412 5		π-line - Pg. 109

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3[illegible] Division No. ____ F.B. 3[illegible] Pg. [illegible]
X-Sec. No. ____ Date ____ Date ____ Survey of Rolling Hills #5
Notes Chkd. ____ Checked ____ Survey by E. English Notes E.S. Date 5-26-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 4 70

76-L298 CE 307 3-61

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F.B. 5919 Pg. 1 Profile
Job No. 2121-21 Division No. Notes Red Plotted No. X-Sec.
Survey of Kollen Hall & Sons Date Date No.
Survey by English Notes Notes Chkd. Checked
Indexed C.I.GADD Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.		
		417 26			T-line	Pg. 109
T.P.	11 69	430 52	0 43	418 83	1X1	
T.P.	2 39	432 12	1 19	429 73	"	
15+06			6 9	430.2	Brk.	
25+31.18			5 96	431.16	S.M.H. rim Pg 109	Rim - Rod = Inv. El.
				418,91	Inv. 4" Outlet	S.E. 431.16 - 12.25 = 418.91
				418.91	Inv. 4" "	S.W. 431.16 - 12.25 = 418.91
T.P.	0 32	425 66	11.84	+25.28	1 2	
T.P.	1 23	415 30	11 59	414 07	"	
el. B.M. F.H. 10	3 51	411 89	6 92	408 38	B.M. F.H. 10, el. = 408.379, Pg. 29	
2+00			10 2	401.7	T-line	Pg. 109
			11 8	400.1	10' R.	
			9 5	402.4	10 L.	
2+56			6 6	405,3	Brk.	
2+69.5			7 30	404 59	5.2 L. F.L. 24" Conc. S.D. pipe	Pg. 110
3+00			5 5	406 4	T-line	Pg. 110
			6 9	405.5	10 R.	
			4 4	407.5	10' L.	
T.P.	5 10	411 74	5 05	406 84	1X2	

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	T-line Pg. 73	
3+99		411 94	4 1	407 8	"	"
			4 2	407.7	15' L.	
Fd. B.M. F.H. 10			3 56	408 38	B.M. F.H. 10, el = 408.379, Pg. 29	
		Cont.	Pg.	93		

Profile Notes Red Plotted Job No. Division No.
No. Date Date Survey of
X-Sec. Notes Chkd. Checked Survey by Engineering Notes Date
No. Date Map No. Indexed C. J. GALLI Date JUN 4 70

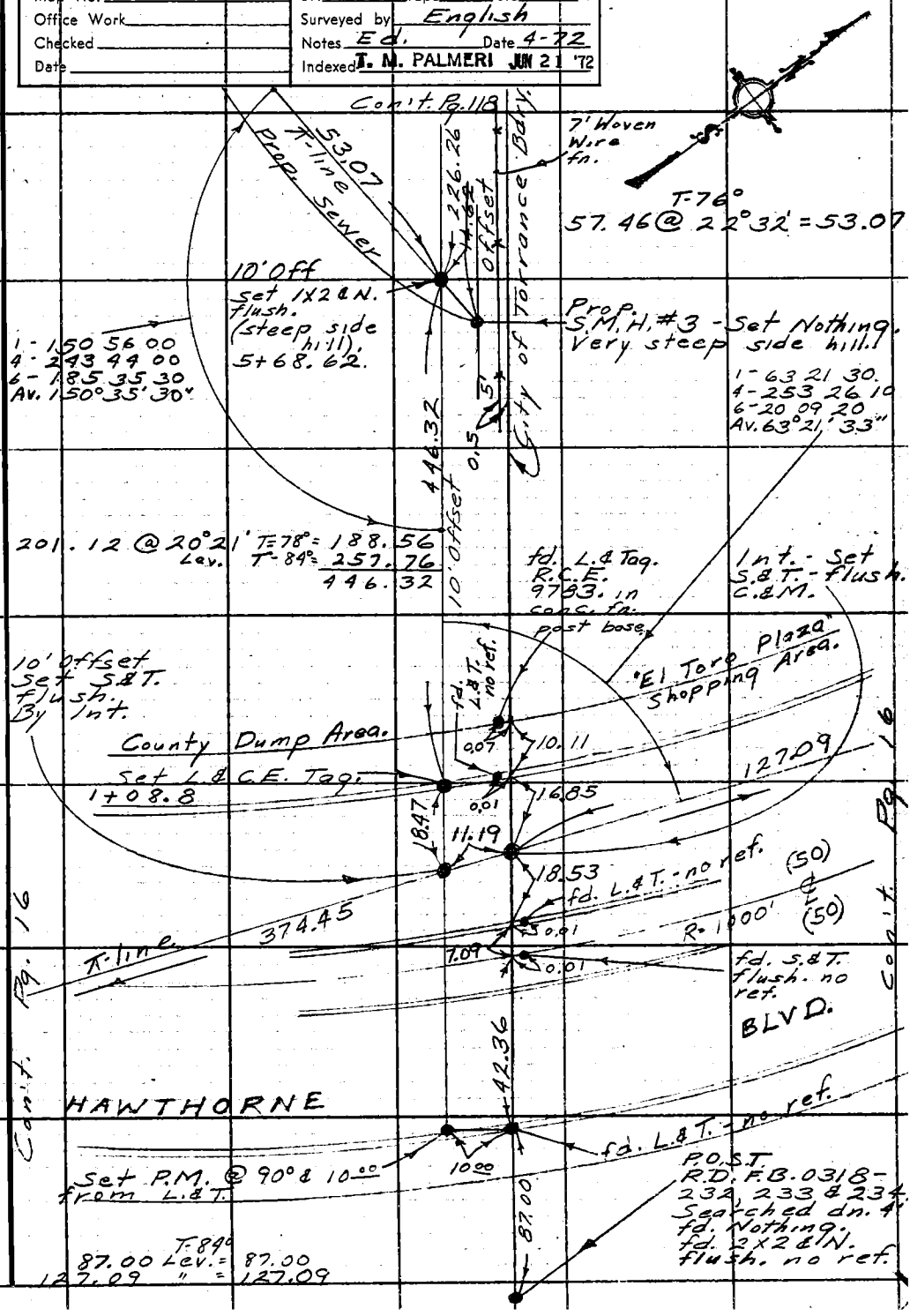
F. B. PG.

PWFB 0318

596

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 3231.34 Tape 2 Std 84 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 4-72
Date	Indexed T. M. PALMERI JUN 21 '72

F. B. ~~3779~~ Pg. ~~117~~



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K5.27, D-2

76F309S CE#310 3-69

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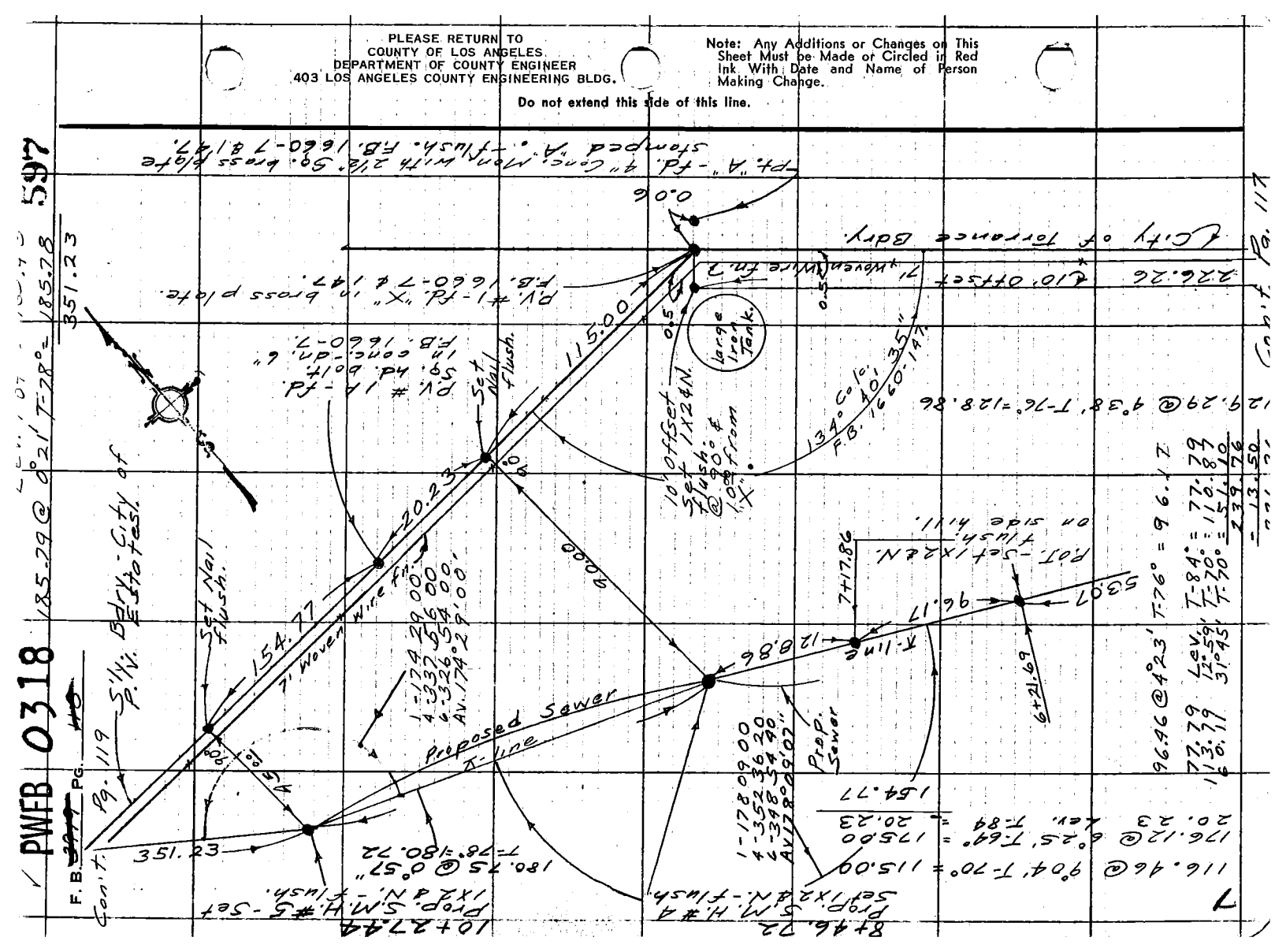
PWFB 0318

597



PWFB 0318 598

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

Survey of Rolling Hills #5
JN 3731.34 Tape 2 Std 84 °F
Surveyed by English
Notes Ed. Date 4-72
Indexed T. M. PALMERI JUN 21 '72

F. B. 3919 Pg. 119

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E89°

Con't. Pg. 118

84.96 Lev. = 84.96
173.06 " = 173.06
147.35 " = 147.35

13+78.67
Prop. S.M.H. #6
Set 1X2 & N. flush.

1 - 92 20 40
2 - 184 41 20
Av. 92°20'40"

1 - 58 16 40
2 - 116 33 30
Av. 58°16'45"

Prop. 17+25.44
S.M.H. #7
Set 1X2 & N. flush.

127° 57' 13"

Exist. S.M.H. #8
Set P.M. in st.
Lid. Set P.M.'s in rim.

58°16'45"

84.96

92°20'40"

Exist. Pump Sta.

"Via Pavion" P.M. Cont.

To: Ho. # 4441

5' offset
Set 1X2 & N. - flush.
By Int.

fd. 2X2 & N. - flush.
no ref.
Scraped dn. 30"
for P.V. #1c, F.B. 1660-8.
fd. nothing.

fd. 6"X6" Conc. Mon.
N. & Tog - R.E. 122 - Pg. 18
lying on top of ground.
Reset dn. 6" - C. & M. (5.04).

351.23

℄ line

75°00'

90°

346.77

℄ line

Prop. 173.06 ℄ line

C. & M. 174.14 Lev. T-84°=174.14

29°21'10"

Prop. Sewer

147.35

149°46'40"

℄ line

Prop. 257.91

℄ line

Prop. Sewer

251.11

50' C. & M.

7.50

28.2

180°

15°10'

P.V. #1c - fd.
2" I.P. conc.
P. & Brad. - dn. 4°
F.B. 1660-7.

108.67 Lev. T-89°=108.67
set P.M. - flush.

1 - 165 51 20
4 - 303 25 20
6 - 275 07 50
Av. 165°51'18"

1 - 127 57 20
4 - 151 48 50
6 - 47 43 20
Av. 127°57'13"

1 - 29 22 10
2 - 58 44 20
Av. 29°22'10"

T-84°
346.77 Lev. = 346.77

257.91 Lev. T-84° = 257.91

1 - 82 39 30
4 - 330 39 04
6 - 135 58 50
Av. 82°39'48"

18+98.50
Prop. S.M.H. #9
Set 1X2 & N. flush.

5' offset
443.62
Prop. Bdry. Tr. 25742

1 - 193 46 40
4 - 215 06 30
6 - 142 40 00
Av. 193°46'40"

Bdry. - City of Estates

Overhead wire fn. S'ly.

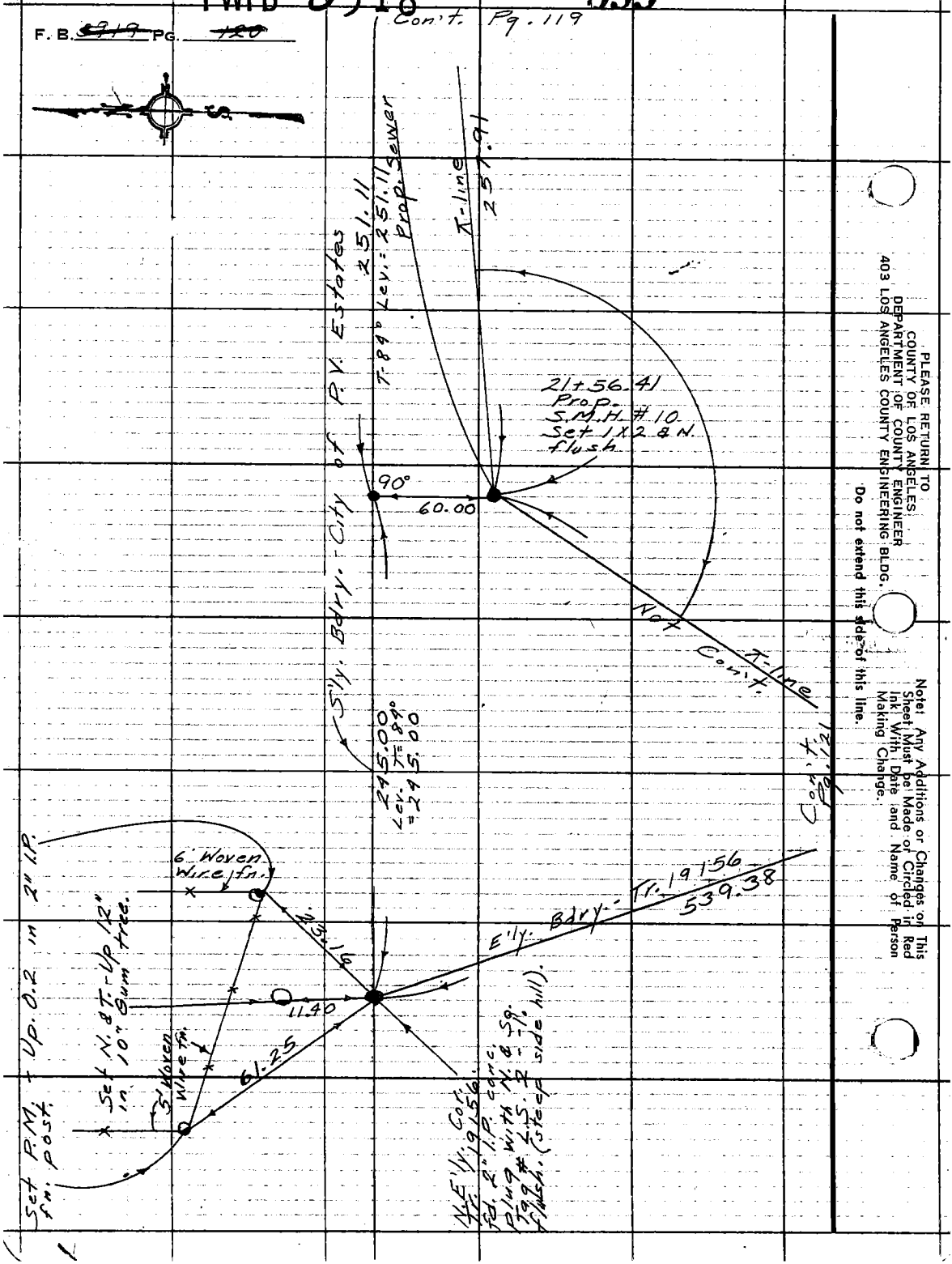
167.16 Lev. T-84° = 167.46

C. & M.
1 - 39 10 20
4 - 139 49 40
6 - 235 02 30
Av. 39°10'25"

76F309S CE#310 3-69

PWFB 0318 599

F. B. ~~5919~~ PG. ~~120~~



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PWFB 0318 600

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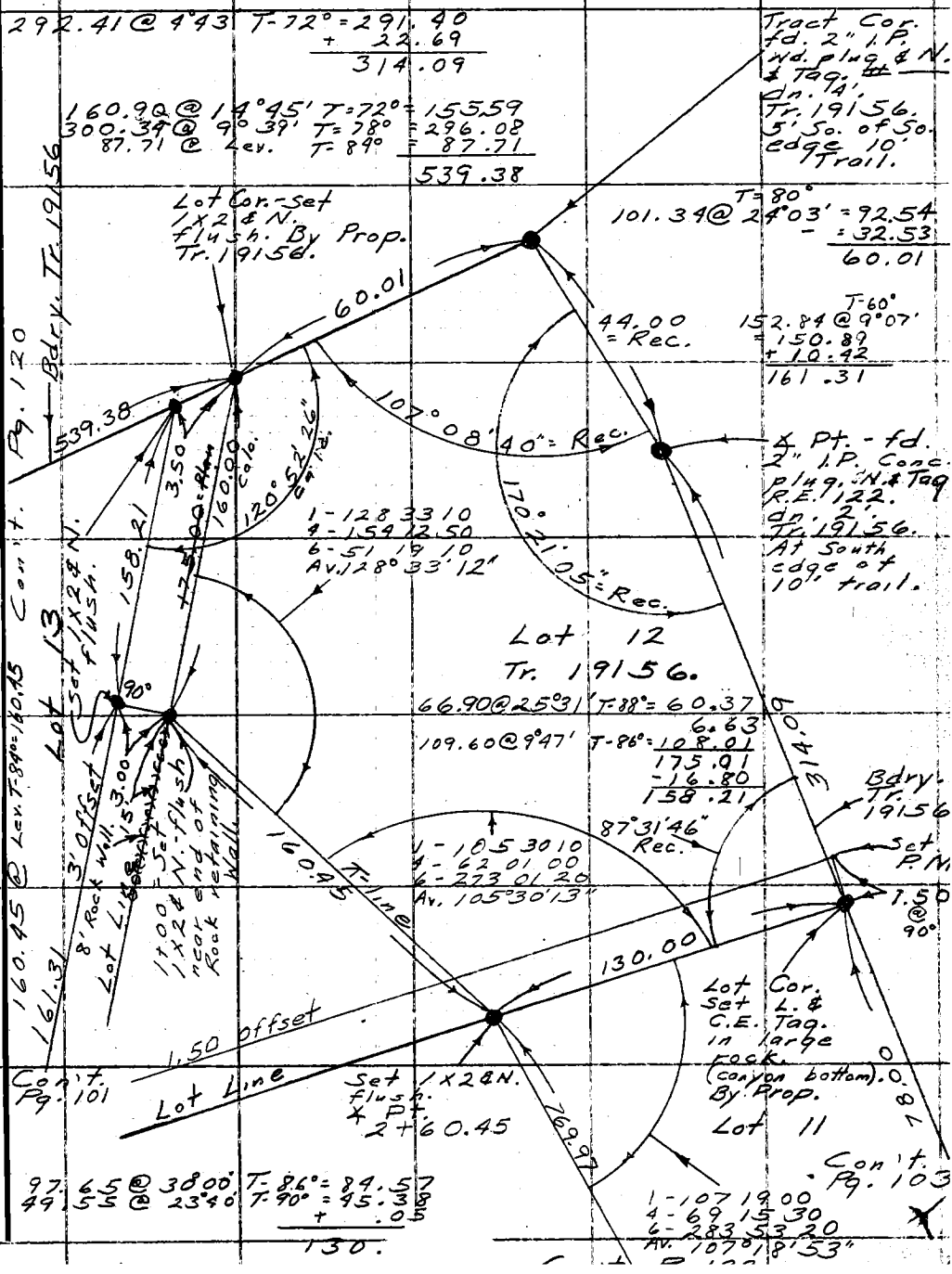
Map No.	JN 373134 Tape 2 Std 84 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 4-72
Date	Indexed T. M. PALMERI JUN 21 '72

F. B. ~~3979~~ Pg. ~~121~~



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76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	
T.B.M.				100 00	THIS ELEVATION IS ASSUMED ON THE RIM OF SEWER M.H. AT STATION 0+00 F.B. 3919-232
0+00				100 00	RIM EL. BOT. 8.42
				-8 42	-7.75
0+02				91 58	F.L. 8" STUB, INLET (SOUTH) 0.67 = 8"
0+25				102 2	GROUND & PROP. SEWER
0+41				106 25	TOP E. EDGE CONC. DRAIN
"				105 30	F.L. CONC. DRAIN
"				106 11	TOP W. EDGE CONC. DRAIN
0+50				108 9	GRD. & PROP. SEWER
0+55				110 36	TOP E. EDGE CONC. DRAIN
"				109 48	F.L. CONC. DRAIN
"				110 35	TOP W. EDGE CONC. DRAIN
0+62.5				115 0	GRD. & PROP. SEWER
0+75				121 1	" " "
0+80				123 48	TOP E. EDGE CONC. DRAIN
"				122 77	F.L. CONC. DRAIN
"				123 72	TOP W. EDGE CONC. DRAIN
0+86				126 7	GRD. & PROP. SEWER
0+87				126 52	TOP E. EDGE CONC. DRAIN

F.B. 3414 PG. 234 Job No. 0507.9K Division No. 45 Notes Red ____ Plotted ____ Profile ____
Survey of LATIGO LANE PUMP STATION Date ____ Date ____ No. ____
Survey by M. SOTRO Notes M.S. Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ No. ____

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

Survey of Rolling Hills #5
JN 3731.34 Tape Std °F
Surveyed by English
Notes Ed! Date 5-72
Indexed J. M. PALMER JUN 21 '72

F. B. 3919 Pg. 123

ROLLING HILLS ESTATES
J.N. 3731.34.

S.S. District # 5.
Palos Verdes Area.

Topography:
At back of Lots
on S'ly. side of
Sugarhill Dr.
Tr. # 19156.
along proposed
sewer line.

May 1972
English
Shoemaker
Creosom
Johnson

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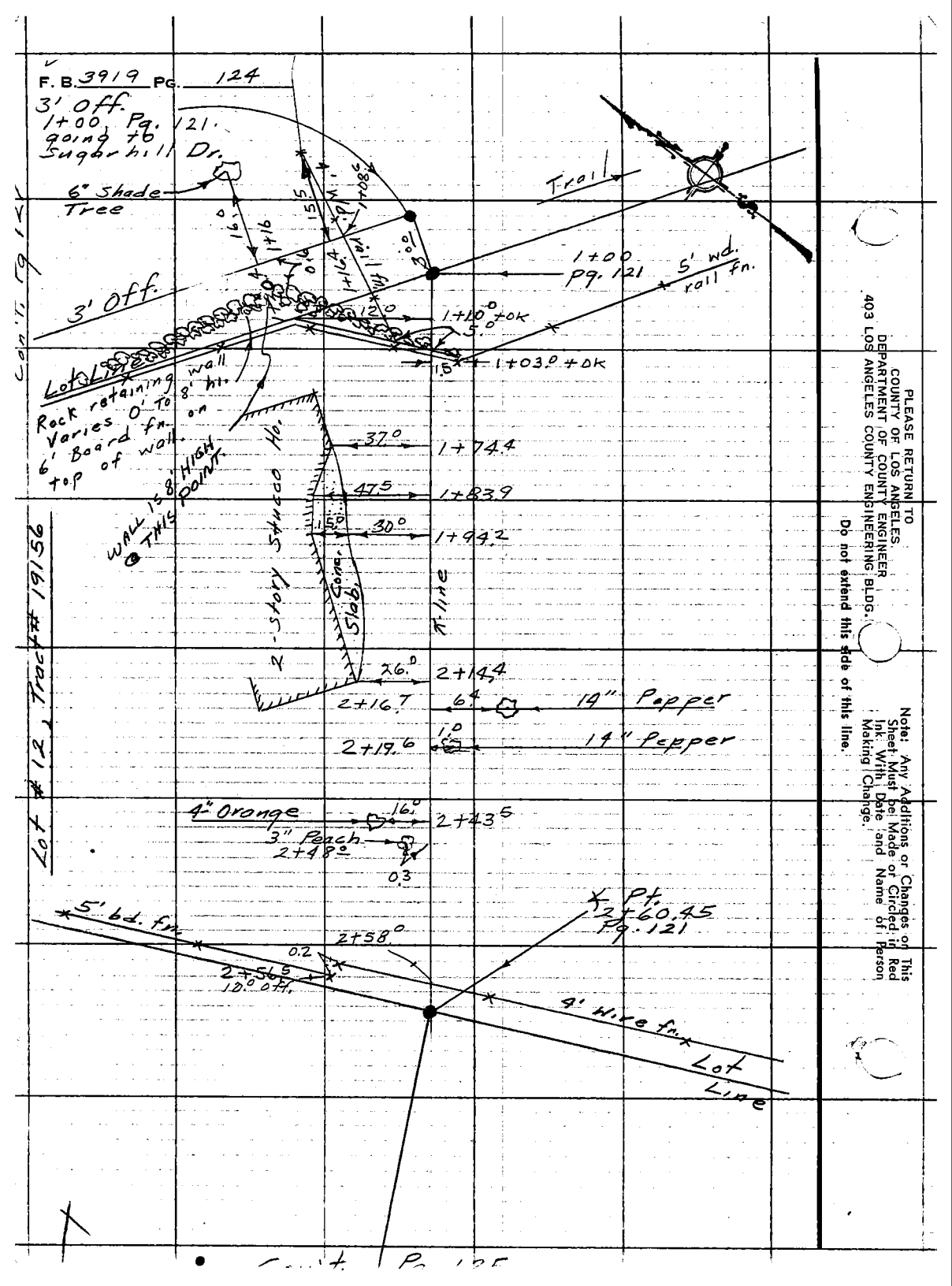

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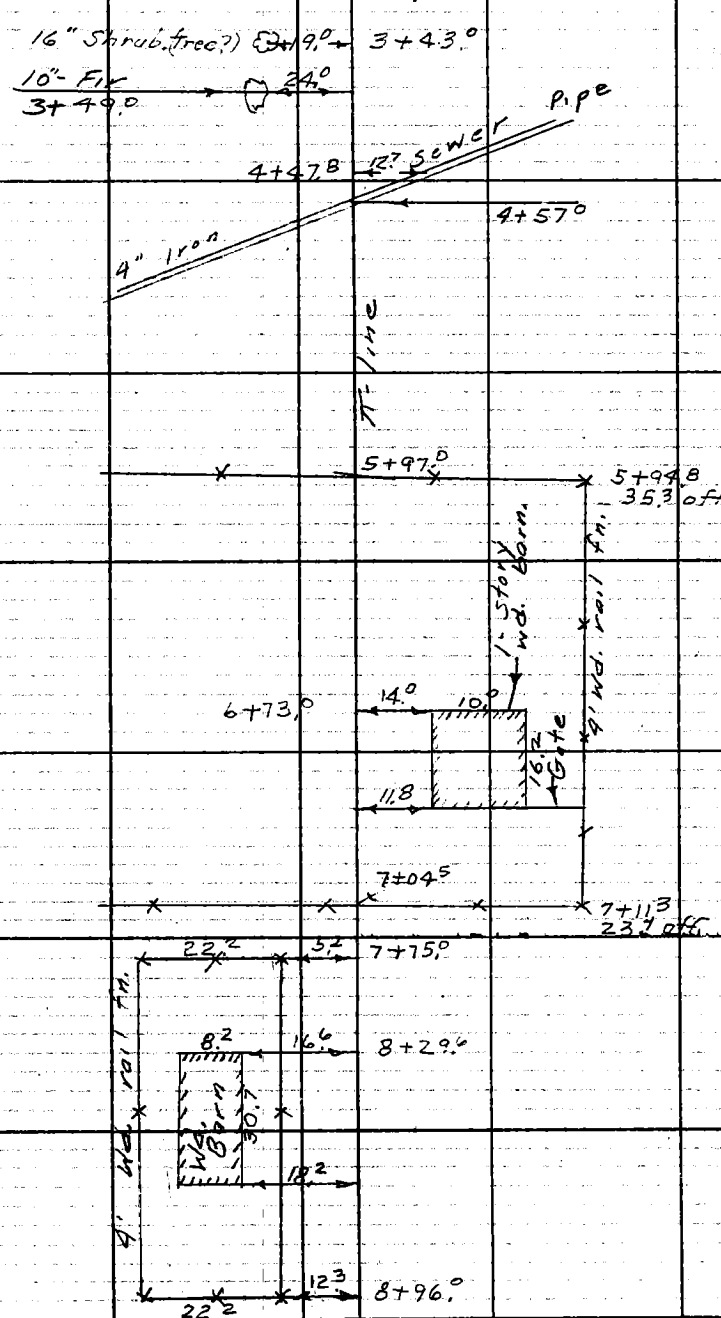
Notes Ck'd by	Survey of Rolling Hills #5	F. B. 3919 Pg. 125
Map No.	JN 3731.34 Tape Std. °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 5-72	
Date	Indexed T. M. PALMERI JUN 21 '72	

Con't. Pg. 124



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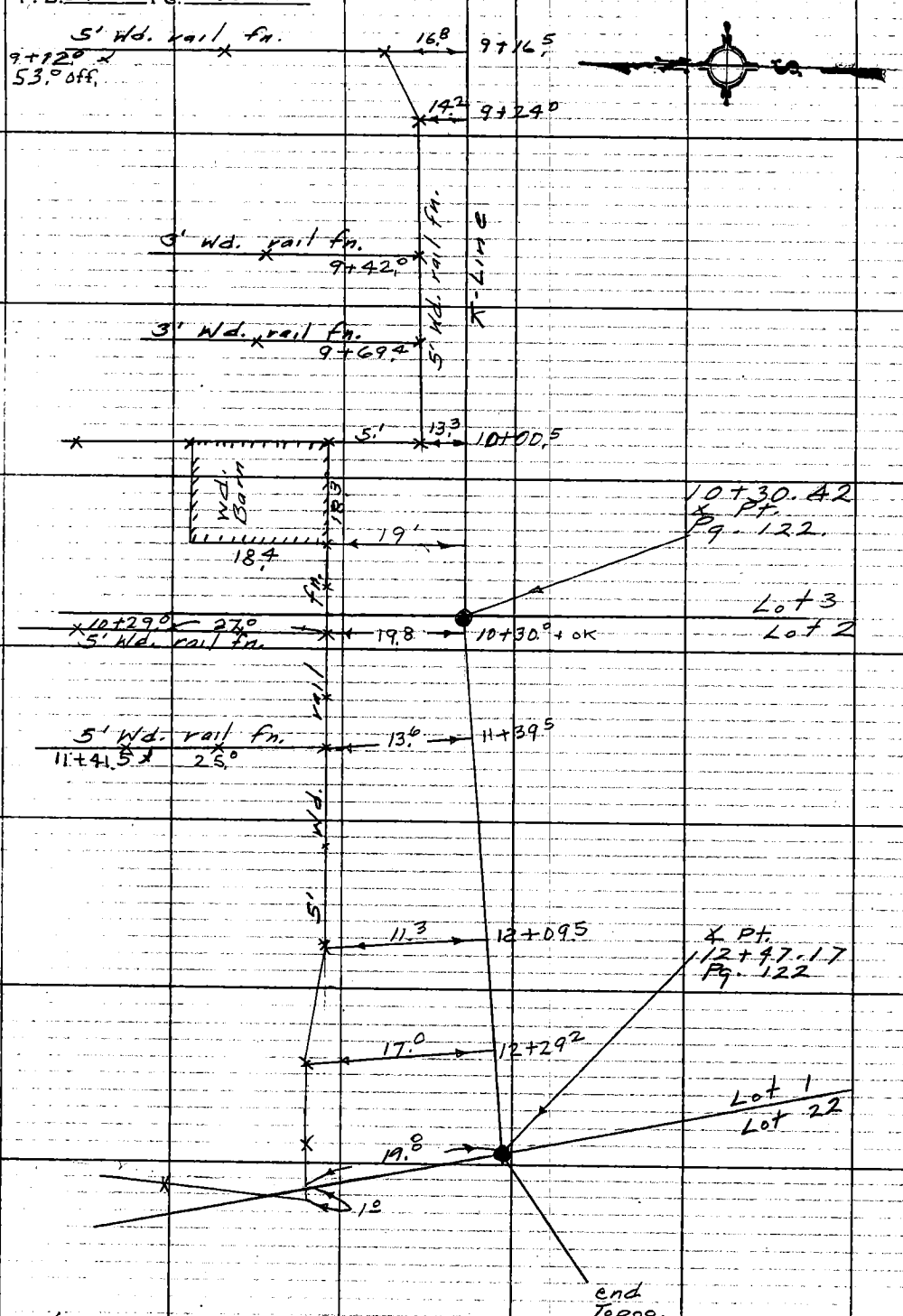
76F309S CE#310 3-69

Con't Pg. 126

Con't. Pg. 125

F. B. 3919 Pg. 126



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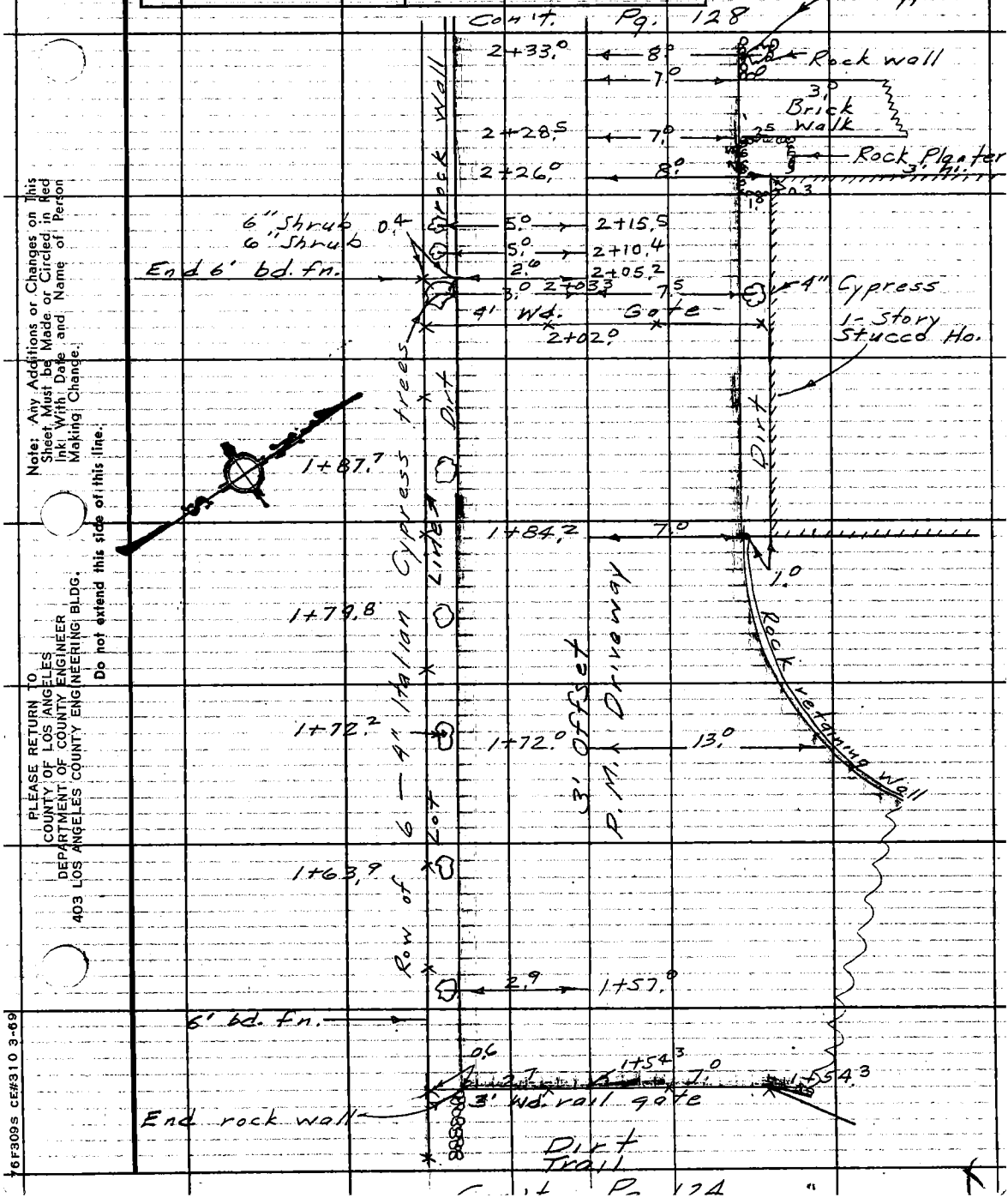
Notes Ck'd by	Survey of Rolling Hills #5	F. B. 3919 Pg. 127
Map No.	JN 3731.34 Tape Std. °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 5-72	
Date	Indexed T. M. PALMERI JUN 21 '72	



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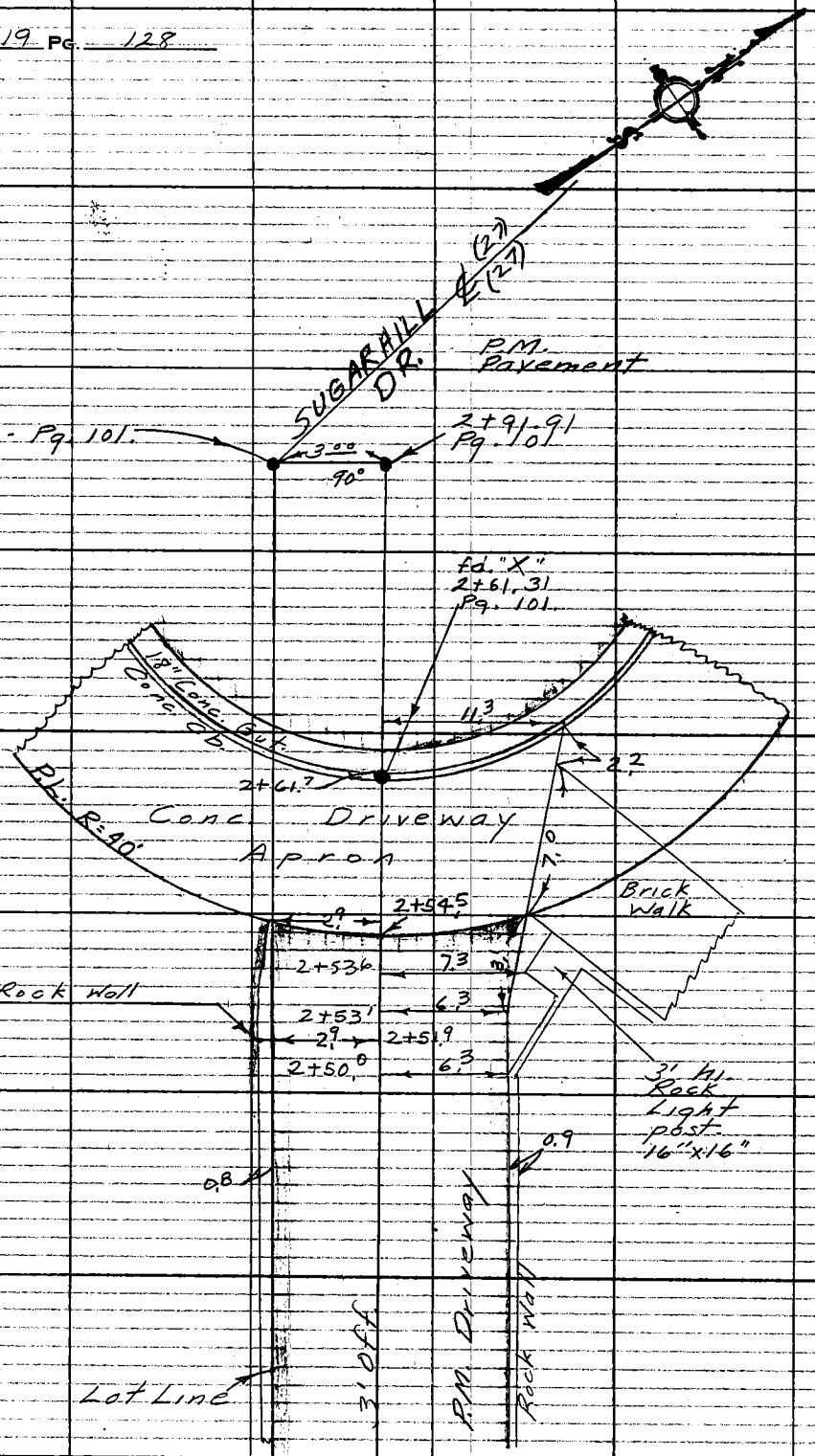
76F309S CE#310 3-69

F. B. 3919 Pg. 128



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Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chk'd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 3731.34 Division No. 11

Survey of Rolling Hills Estates #5

Survey by English Notes Ed. Date 5-72

Map No. ____ Indexed M. PALMERI Date JUN 21 '72

F. B. 3919 PG. 129

ROLLING HILLS ESTATES

J.N. 3731.34.

S.S. District # 5.

Palos Verdes Estates

Cross-Sections:

For sewer service

of Houses on S'ly.

side of Sugarhill Dr.

May 1972

English

Shoemaker

Creason

Johnson.

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

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76-L-298 CE 307 5-66

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F. B. 3919 PG. 130 | Job No. 3731.34 | Division No. 11 | Profile
Survey of Rolling Hills Estates #5 | Plotted | No.
Survey by English Notes Ed. | Notes Red | Date | X-Sec.
Indexed T. M. PALMERI | Date | Notes Chk'd. | Date | Checked | Date | No.

T-line Pg. 124

STATION	B. S.	H. I.	F. S.	ELEV.	
Fd. B.M. F.H. 8	1 94	402 70		400 76	B.M. F.H. 8, el.= 400.758, Pg. 27
T.P.	0 90	392 57	11 03	391 67	E. end of Sugarhill Dr., Spk. in cb.
T.P.	0 35	382 85	10 07	282 50	10' W. of C.B.
1+00			6 04	376 81	1x2 T-line Pg. 124
			5 7	377 1	10' R.
			7 4	375 4	10' L.
T.P.	9 60	390 69	1 76	381 09	2x4
1+10			11 0	379 7	T-line
			4 7	386 0	12' R. T.B.
1+34			4 5	386 2	T-line T.B.
1+50			4 4	386 3	"
			4 2	386 5	20' R.
			4 4	386 3	35' L. T.B.
			14 6	376 1	20' L.
2+00			5 0	385 7	T-line T.B.
			4 2	386 5	20' R.
			15 9	374 8	20' L.
T.P.	3 73	390 89	3 53	387 16	Conc.
2+20			5 3	385 6	T-line Brk.
2+56			10 8	380 1	" "
2+60			9 7	381 2	" "

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
						π-line Pg. 124
2+60		390 89	7 0	383 9		20' R.
			18 0	372 9	20' L.	
T.P.	7 11	388 24	9 76	381 13	1X2	
3+00			5 9	382 3		π-line
			5 6	382 6		4.5 R. Brk.
			+4 3	392 5		21' R. T.B.
			6 3	381 9	9 T.B.	
			15 0	373 2	25 Brk	
			20 9	367 3	35 Bot Brk	
			21 5	366 7	50 Top Brk	
3+63			4 1	384 1		π-line Brk.
4+00			2 3	385 9		"
			+9 7	397 9		15 R
			9 9	378 3	16' L T.B.	
			29 6	358 6	28' L Bot. Brk	
			29 5	358 7	40' L End.	
T.P.	8 90	394 05	3 09	385 15	1X2	
4+50			5 7	388 3		π-line
5+00			4 9	389 1		π-line
			5 0	399 0		20' R
			12 0	382 0	13 L T.B.	
			20 1	373 9	23 L Brk	
			22 5	371 5	44 L Brk	
5+00			26 4	367 6	48 L Side hill	
5+50			4 9	389 1		π-line
T.P.	4 29	396 28	2 06	391 99	4X4	
6+00			5 8	390 5		π-line
			+2 7	399 0		16' R
			11 1	385 2	11' L T.B.	

Profile Notes Red ____ Plotted ____ Job No. 3731.37 Division No. 11 F.B. 3919 Pg. 131
No. ____ Date ____ Date ____ Survey of Rolling Hills #5
X-Sec. Notes Chk'd. ____ Checked ____ Survey by English Notes Ed. Date 5-72
No. ____ Date ____ Date ____ Map No. ____ Index Ed. M. PALMERI Date JUN 21 '72

76-L-298 CE 307 5-66

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F. B. 3919 PG. 132 | Job No. 3231.34 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Rolling Hills #5 | Date | Date | No.
Survey by English | Notes Ed | Notes Chk'd. | Checked | X-Sec.
Indexed L. M. PALMERI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.			
							π-line Pg. 125
			20.2	376.1	25' L	Brk	
6+00			20.8	375.5	36' L	Brk	
6+00			23.6	372.7	40 L	Side Hill	
6+50			5.8	390.5			π Line
7+00			7.4	388.9			π Line
			0.0	396.3			17 R
			15.6	380.7	18' L	Brk.	
			15.7	380.6	27' L	Brk	
			24.6	371.5	40 L	Side Hill	
7+50			5.8	390.5			π-line
8+00	11.09	401.53	5.84	390.44	1X2		"
			8.3	393.2			5 R. Brk.
			7.7	393.8	Flat.		20 R
			18.8	382.7	16' L	Brk	
			22.8	378.7	34' L	Brk	
			27.8	373.7	40' L	Brk	
8+50			11.9	389.6			
9+00			12.1	389.4			π-line
			6.9	394.6			20 R.
			18.0	383.5	20 L		
			27.1	374.4	40 L.		
9+50			7.7	393.8			π-line
10+00	2.39	396.91	7.01	394.52	T.P.-1X2		π-line
			11.7	385.2	20' L.	Brk.	
			15.4	381.5	36 L.	T.B.	
10+50			6.5	390.4			
11+00			5.5	391.4			π-line
			8.4	388.5	10 L	T.B.	

76-L-298 CE 307 5-66

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Profile Notes Red ____ Plotted ____ Job No. 3731.34 Division No. 11
No. ____ Date ____ Date ____ Survey of Rolling Hills #5
X-Sec. Notes Chk'd. ____ Checked ____ Survey by English Notes Ed Date 5-72
No. ____ Date ____ Date ____ Map No. ____ Index M. PALMERI Date JUN 21 '72

F.B. 3919 Pg. 133

STATION	B. S.	H. I.	F. S.	ELEV.	
					T-line Pg. 126
11+00		39691	14 2	3827	18 L. Brk.
			21 0	3759	26 L. Brk.
			24 9	3720	29 L. B.B.
			25 5	3714	37 L. Brk.
11+50			4 0	3929	T-line
12+00	2 84	39750	2 25	39466	1x2 "
			8 2	3893	11 L. Brk.
			10 2	3873	13 L. "
			11 5	3860	16 L. "
			14 7	3828	19 L. "
			14 7	3828	26 L. T.B.
			23 0	3745	38 L. B.B.
			22 3	3752	95 L. "
			19 8	3777	46 L. Brk.
12+30			4 5	3930	Brk. T-line
12+47			8 3	3892	" "
12+77			11 6	3859	" "
12+85			17 4	3801	" "
13+00			17 6	3799	B.B. "
			12 5	3850	21 R. T.B.
			17 0	3805	10 L. B.B.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
						π-line Pg. 126
13+00		397 50	11 3	386 2	18' L.	
13+48			15 2	382 3	B.B.	π-line
13+65	11 14	405 07	3 57	393 93	T.B.	" T.P.
13+87 05			7 2	397 9		π-line Pg. 104
			9 5	395 6		20 R. T.B.
			3 8	401 3	20 L.	
T.P.	8 52	412 09	1 50	403 57	1 x 2	
fd. B.M. F.H. 10			3 69	408 40	B.M. F.H. 10, el = 408.379, Pg. 29	

F. B. 3919 PG. 134 | 3131.5' Job No. Division No. 11 Notes Red Plotted Profile
Survey of Rolling Hills #5 Date Date No.
Survey by English Notes Ed. Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date No.

76-L-298 CE 307 5-66

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403 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. 5231.39 Division No. 11
No. ____ Date ____ Date ____ Survey of Rolling Hills Est. Date 5-72
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Engineering Notes Ed. #5
No. ____ Date ____ Date ____ Map No. ____ Index T.M. PALMER Date JAN 21 '72

F. B. 3919 Pg. 135

STATION	B. S.	H. I.	F. S.	ELEV.	3' offset Pg. 124
Cross Sections along the S'ly. bdry. of Lot 13, Tr. 19156.					
to the E'ly. end of Sugarhill Dr. - Pgs. 101 & 124.					
fd:					
1+00				376.81	1x2, T-line, Pg. 130.
1+00				376.72	3' off. Pg. 124
				376.6	to R.
1+20				379.5	3' off.
1+50				387.2	"
				387.4	6' R.
				387.4	2' L.
1+54.3				388.22	edge P.M. Dr. 3' off.
1+75				390.12	"
2+00				394.37	"
				394.60	7' R. edge Dr.
				394.44	3' L. edge Dr.
2+02.5				394.75	brk. 3' off.
2+25				395.80	" "
2+47				400.56	" "
2+54.5				400.89	edge conc. wlk. " Pg. 128
2+61.4				400.15	Gut. - F.L. "
2+63				400.30	edge gut "

76-L-298 CE 307 5-66

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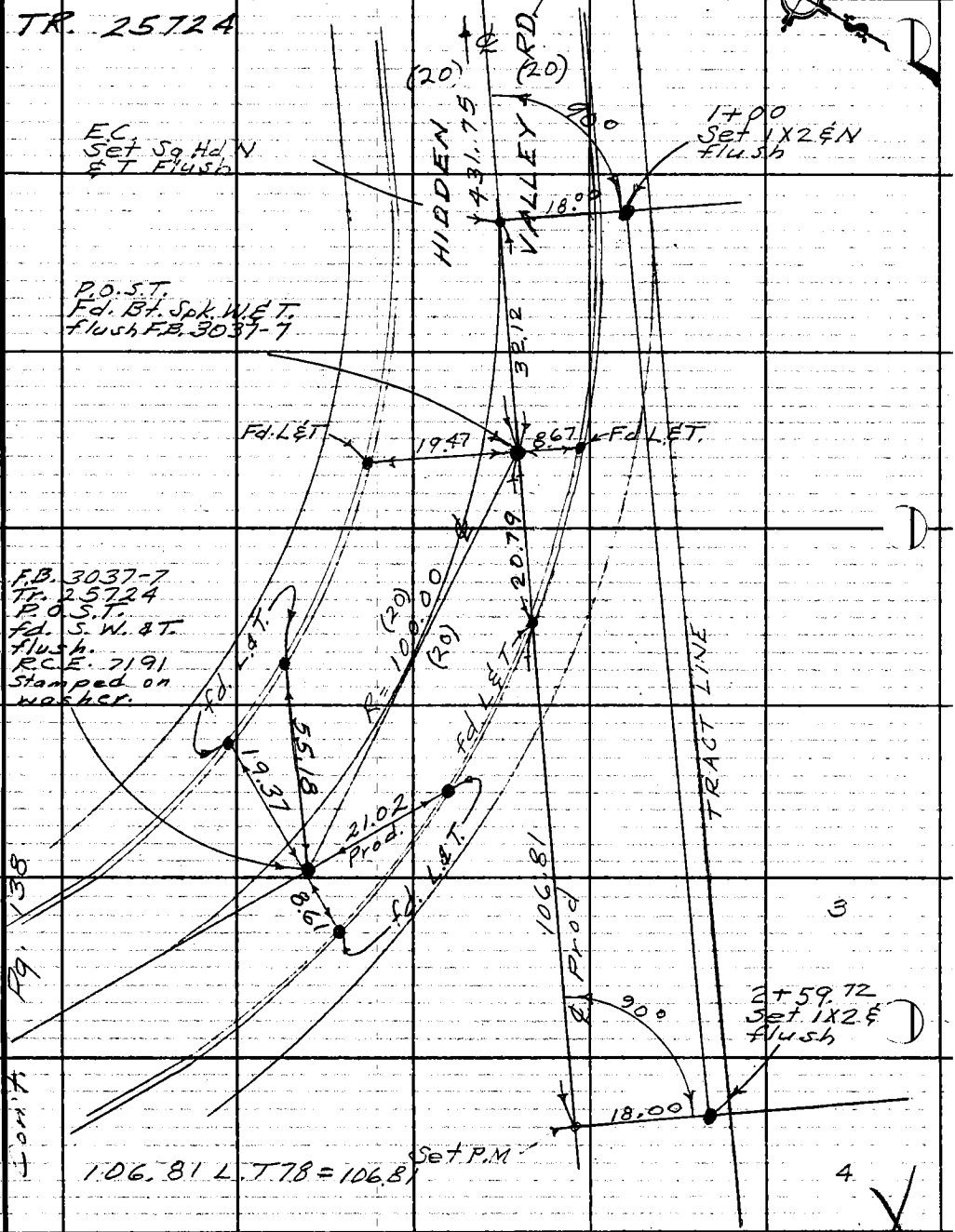
STATION	B. S.	H. I.	F. S.	ELEV.		
					3' Off.	Pg. 128
2+91.9				400.70	Pvmt.	" "
				40079		10 R.
				40057	10' L	
Fd BM F.H. 8				400.76	BM, F.H. 8, el.=400.758	Pg. 21 & 120

F. B. 3919 Pg. 136 | Job No. 3731.34 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Rolling Hills #5 | Date | Date | No.
Survey by English Notes Ed. | Notes Chk'd. | Checked | X-Sec.
Indexed T. M. PALMER | Date | Date | No.

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 010 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 5-72
Date	Indexed T. M. PALMERI JUN 21 '72

F. B. ~~3919~~ Pg. ~~137~~

Con't. Pg 145



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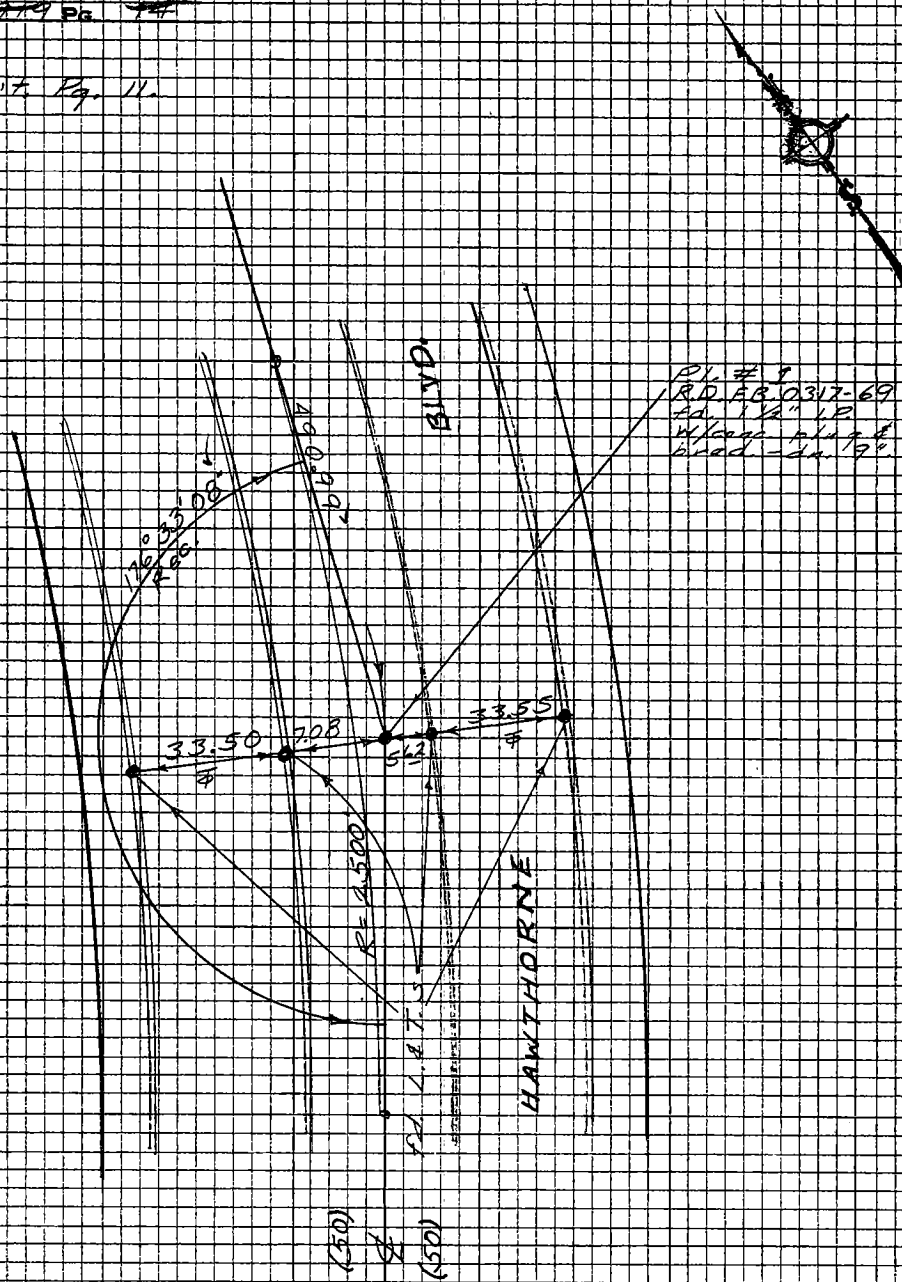
76F309S CE#310 3-69

PWFB 0317

480

F.B. ~~3919~~ Pg. ~~14~~

Con't. Pg. 11.



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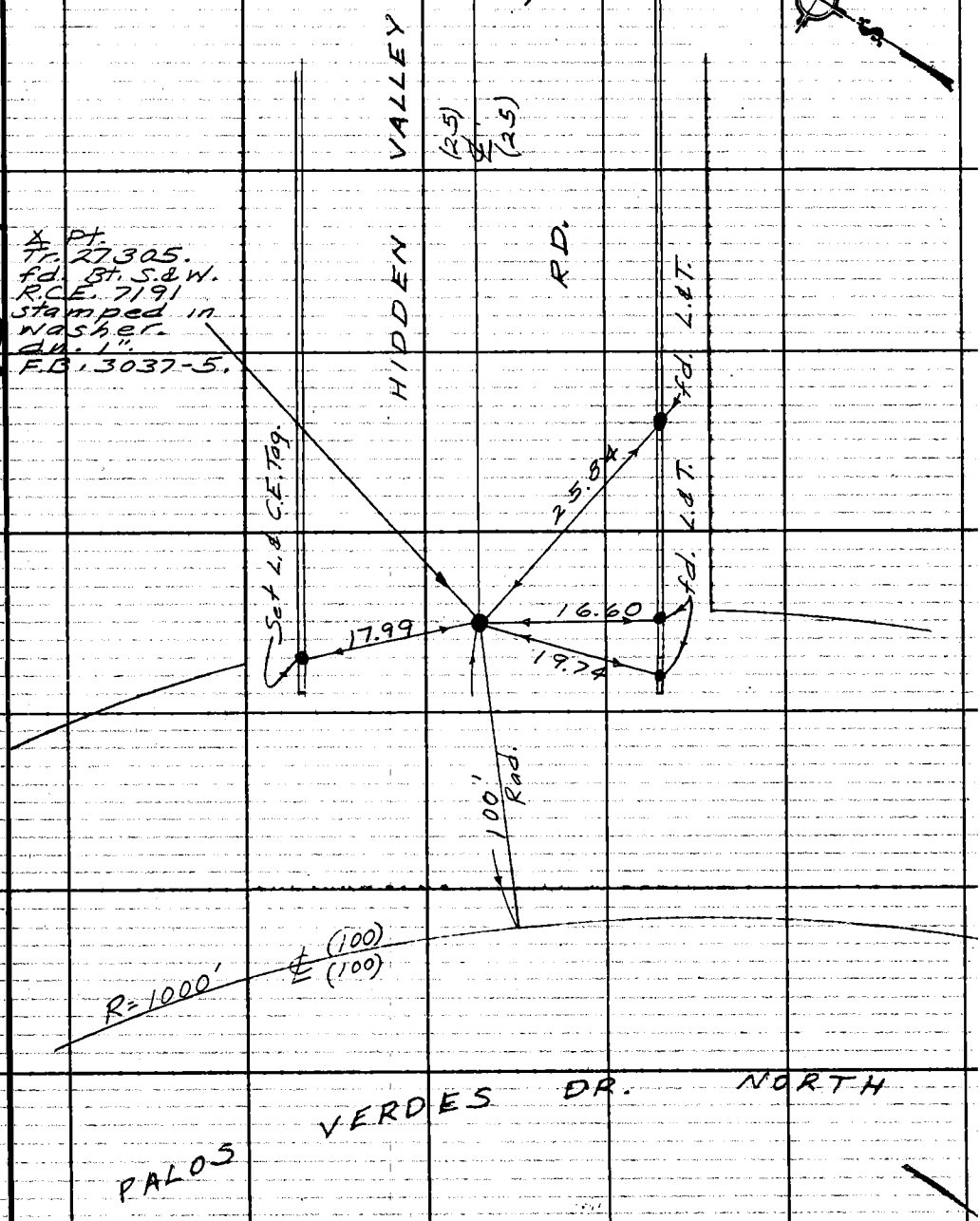
PWFB 0317 491

Notes Ck'd by	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 010 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 5-72
Date	Indexed T. M. PALMERI JUN 21 '72

F. B. ~~3919~~ PG. ~~139~~

Con't. Pg. 138



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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NS 27, C-2

6F309S CE#310 3-69

PWFB 0317

492

F. B. ~~3919~~ Pg. T40

W.S. 27, C-2

Rod. Pt. fd. Bt. S.W.&T. Tagged R.C.E. 7191. F.B. 4014-112.

12' Offset Set 1x2 & N. - flush. By Int.

fd. 2x2 N. & Tag R.C.E. 7191 flush. Tr. 27089. Set Nail. 6+56.07

Set Nail in 2x2 - C.&M.

Meas. 12.00

East Bdry.

DR.

36.23 Rad.

Lot 7

82.79

4 Wd. rail fn.

15' Esmt.

Lot 8

15.36

11.18

600' M.S.L.

90°

3.01 Set 5.0 Offset

N. Line

PLEASANT HILL (25)

Rad. Line fd. 4014-112.

1 - 82 41 40
4 - 330 47 10
6 - 136 10 40
Av. 82° 41' 47"

53.53 Prod.

1 - 167 05 38
4 - 308 22 57
6 - 282 34 18
Av. 167° 05' 43"

fd. 2x2 & N. flush. no ret.

6' Wd. fn.

Set Nail.

12.00

90°

1.0

Bdry. Lot 6

N'ly. Cor. Tr. 27305. fd. 2" I.P. Conc. P & Tag. R.C.E. 8781. dn. 6" Under fn.

198.84 Lev. T-68° = 198.84
53.53 " " = 53.53
82.79 " " = 82.79

L.P.T. Cor. fd. 2" I.P. Wd. Plug & Tag. R.C.E. 7191. dn. 6". Tr. 27089.

Pl. - fd. S.&T. Tagged R.C.E. 7191. F.B. 4014-112.

Tr. line. fd. Bt. S.&T. - flush. F.B. 4014-112.

198.84 12.0 Offset

Lot 8 Tract 27089 Lot 6 Tract 27305

S 00° 00' 00" W
S 00° 15' 58" E
N 00° 15' 58" W
N 00° 00' 00" E

12.00

Prod. N.L. Lot 6 Tr. 27305 Tag. S 89° 44' 02" E 296.75

PLEASANT HILL

(25) ℄ (25)

52.64 Meas.

296.75 Rec.

+25.04

12.00

DR.

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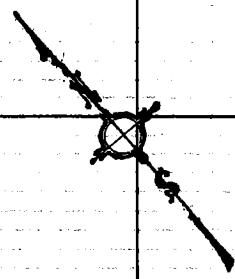
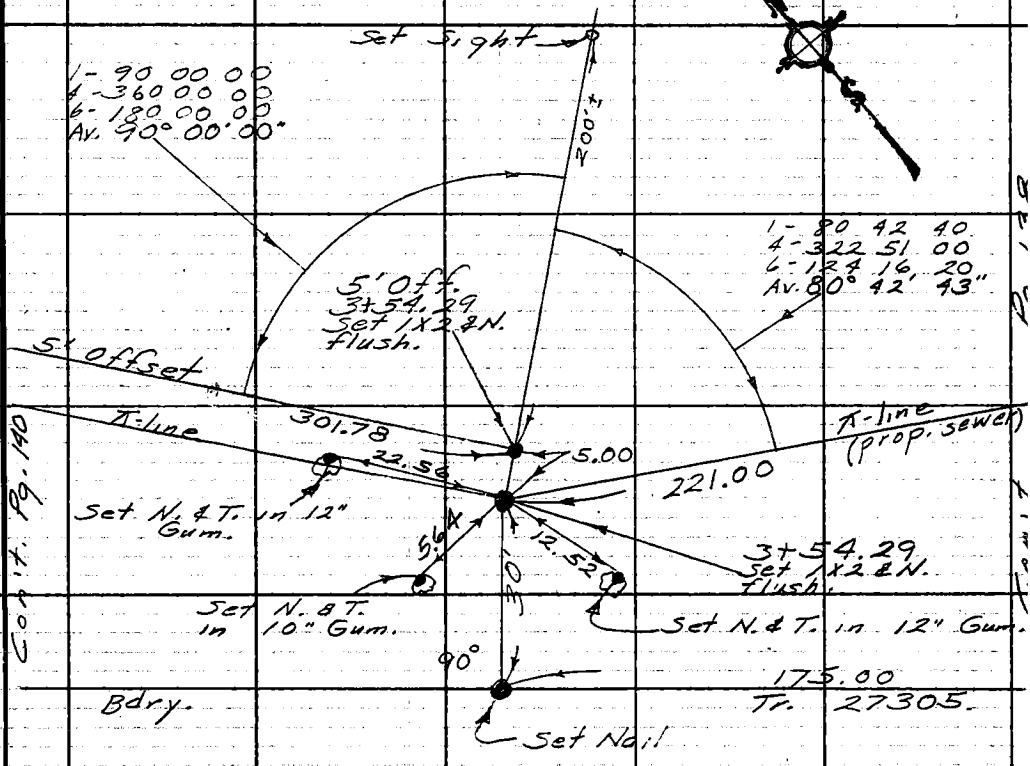
493

Notes Ck'd by T. AGL
Map No.
Office Work
Checked
Date

Survey of Rolling Hills #5
JN 3731.34 Tape 2 Std 84 °F
Surveyed by English
Notes Ed. Date 5-72
Indexed T. M. PALMER JUN 21 '72

F. B. 5919 Pg. 141





T=84°
301.78 Lev. = 301.78

T=84°
175.00 Lev. = 175.00

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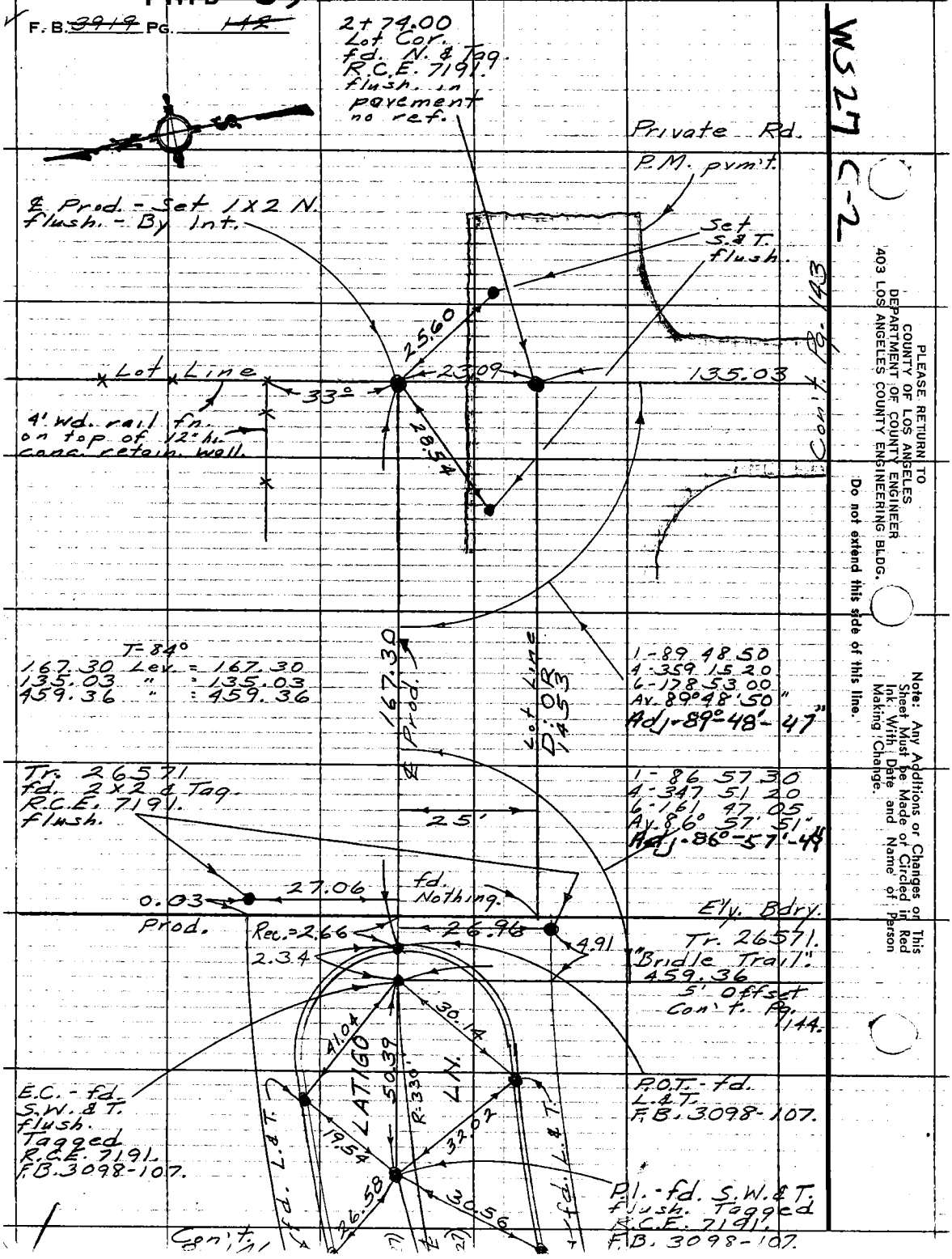
6F309S CE#310 3-69

PWFB 0317 494

F.B. ~~3919~~ PG. ~~142~~



WS27 C-2

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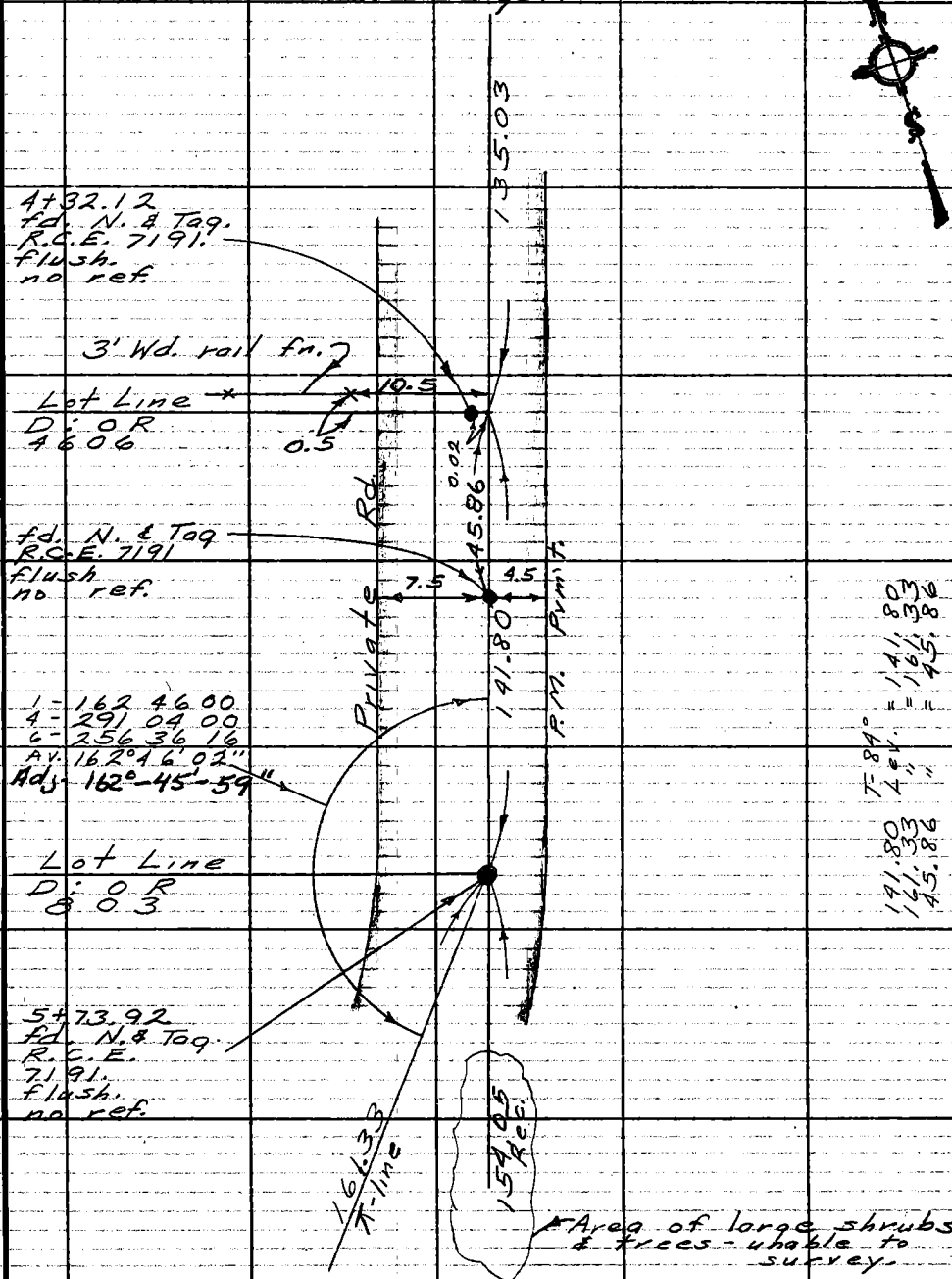
PWFB 0317 495

Notes Ck'd by T. ABE	Survey of Rolling Hills #5
Map No.	JN 3731.34 Tape 2 Std 84 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 5-72
Date	Indexed T. M. PALMERI JUN 2 '72

F. B. ~~3919~~ PG. ~~143~~

Con't. Pg. 142



Con't. Pg. 144

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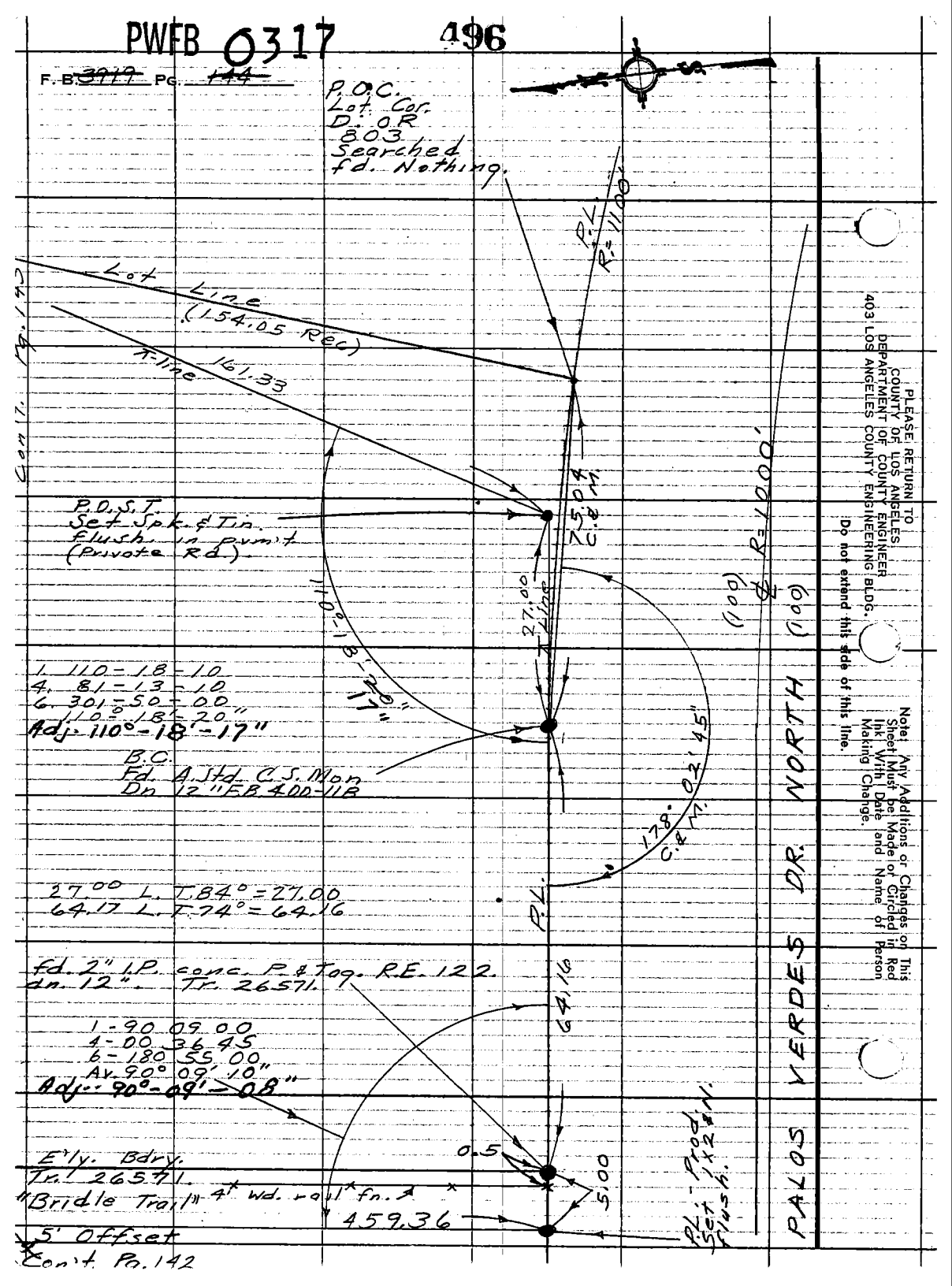
76F309S CE#310 3-69

PWFB 0317 496

F. B. 3919 Pg. 144



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Notes Ck'd by	Survey of Rolling Hills Est. Sec. 5
Map No.	JN 3731.34 Tape 2 Std 84 °F
Office Work	Surveyed by E. English
Checked	Notes E.S. Date 5-72
Date	Indexed T. M. PALMER JUN 21 '72

F. B. 3917 Pg. 45

W.S. 27 6-V

431.76 T 80° L. = 431.75

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Fd. L & Tag in conc
R.C.E. 7191 Dn. 6"
Searched for 2"
I.P. per TR 25724
No evidence.

Set P.M.

℄ P.C.

TR. LINE

90°

19.81

436.8

9.19

Fd L & Tag in drive-way R.C.E. 7191
F.B. 3037-7

Fd L & T.

9.11

P.O.S.T.
Fd. L & T.

R = 100.00

31.31

Fd L & T.

9

TRACT
25724

8

HIDDEN VALLEY ROAD

431.75

(20) ℄ (20)

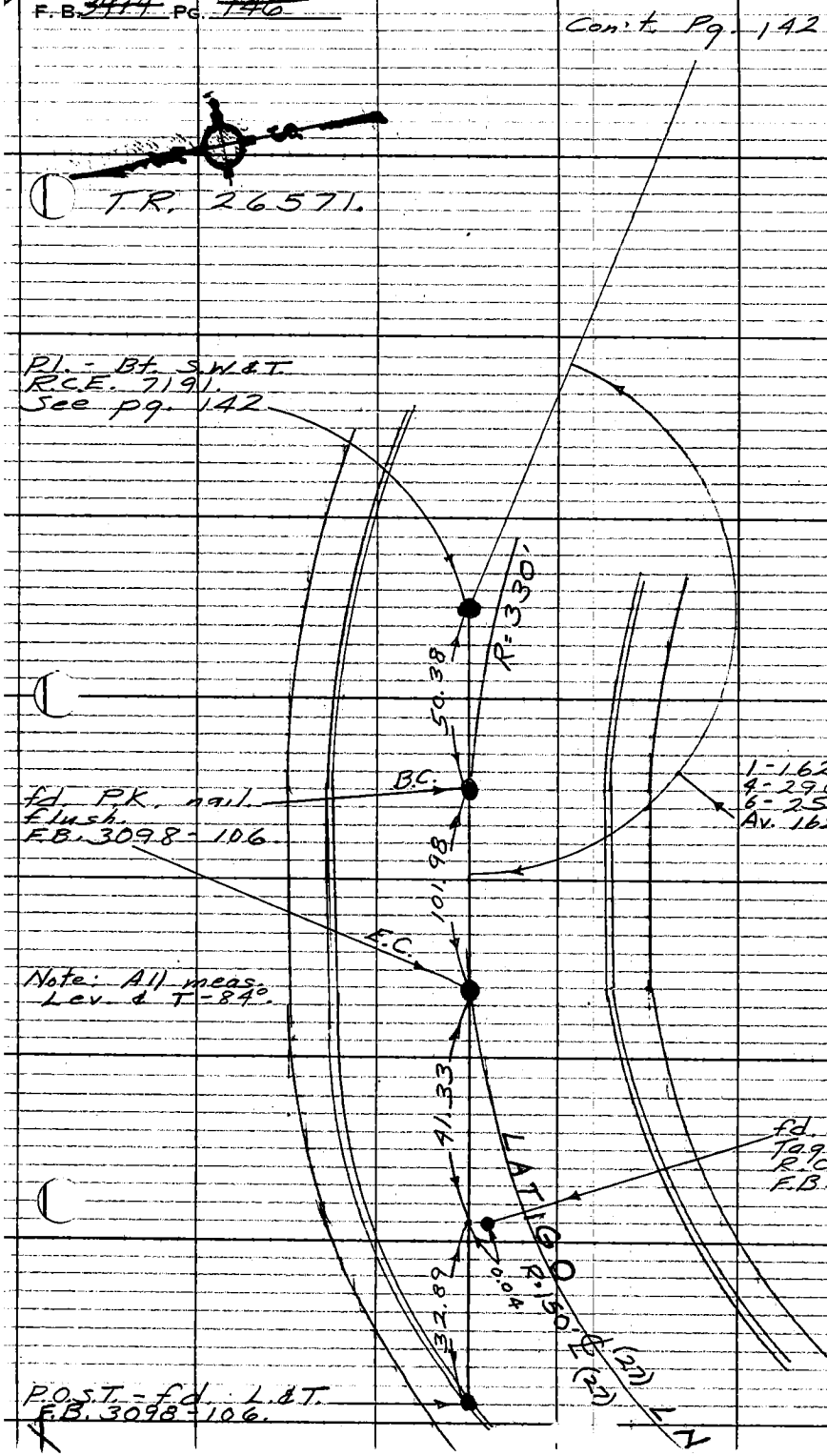
TR. LINE

To Top Pg 137

PWFB 0317

497

F.B. ~~3919~~ PG. ~~146~~



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Notes Ck'd by	Survey of Rolling Hills #5	F. B. 3919 Pg. 147
Map No.	JN 3731.34 Tape Std °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 5-72	
Date	Indexed T. M. PALMER JM 21 72	

ROLLING HILLS ESTATES
J.N. 3731.34

S.S. District # 5
Palos Verdes Estates.

TOPOGRAPHY
IN
Area of Hidden Valley Rd.
W'ly to tract 27089

May 1972
English
Shoemaker
Creason
Johnson

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16F309s CE#310 3-69

2

F.B. 3919 PG. 148

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Notes Ck'd by	Survey of Rolling Hills #5	F. B. 3919 Pg. 149
Map No.	JN 3731.34 Tape Std °F	
Office Work	Surveyed by English	
Checked	Notes E.S. Date 5-72	
Date	Indexed T. M. PALMERI JUN 21 '72	

To Lft Pg. 148

12" Gum 8.3 1+66.0

1.50 Offset Line

Line

1+99.0 4.1 8" Gum

2+18.20 Set 1X2 & N flush 90° 2+18.20 Set 1X2 & N flush

2+27.7 5.0 12" Gum

2+40.7 4.8 9" Gum

2+68.4 3.8 14" Gum

6" Gum 2.7 3+05.8

3+07.8 11.8 24" Gum

3+16.6 10.2 12" Gum

6" Gum 7.0 3+19.4

3+25.6 7.5 5" Gum

3+40.7 7.3 21" Gum

3+43.0 3.6 10" Gum

5" Gum 14.0 3+47.4

To Top Pg. 150

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76F309S CE#310 3-69

F.B. 3919 Pg. 150

To Bot Pg 149

3+54.29 ℄ PT.
F.B. 3919 - 141
Fd 1X2 ℄ N

3+54.29
Fd 1X2 ℄ N.
flush
F.B. 3919-141

3+56.7 ← 10° → 9" Gum

3+68.5 ← 10.1 → 1" Gum

3+74.2 ← 9.5 → 5" Gum

3+77.0 ← 4.9 → 12" Gum

3+81.5 ← 10.0 → 9" Gum

3+95.7 ← 5.8 → 3-2" Gum

4+17.4 ← 8.3 → 9" Gum

4+23.1 ← 5.7 → 6-2" Gum

4+28.9 ← 7.8 → 3" Gum

4+34.4 ← 8.0 → 6" Gum

4+42.0 ← 4.0 → 27" Gum

4+49.8 ← 7.0 → 7" Gum

4+60.8 ← 7.5 → 5" Gum

4+87.0 ← 5.5 → 11" Gum

5+02.0 ← 8.9 → 5" Gum

5+08.0 ← 5.5 → 12" Gum

Offset Line

5+38.5 ← 7.9 → 10" Gum

5+43.0 ← 7.6 → 3" Gum

5+60.7 ← 7.2 → 6" Gum

5+74.0 ← 3.3 → 7" Gum

5+85.5 ← 4.0 → 10" Gum

12" Gum → 10 5+94.5

To Top Pg 151

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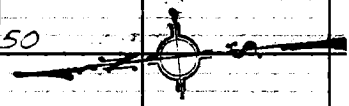
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Rolling Hills S.S.D. #5
JN 3731.34 Tape Std °F
Surveyed by E. English
Notes E.S. Date 5-72
Indexed L. M. PALMER JUN 21 '72

F. B. 3919 Pg. 151

To Bot. Pg. 150



.50 Offset

T Line

6+47.9 — 0.5 — 2" Acassia

6+54.6 — 9.8 — 9" Acassia

6+55.8 — 1.3 — 8" Acassia

6+56.2
6+56.5
21.8
5.4

6+56.07
Lot Cor.
Fd. 2x2 E N flush
F.B. 3919-140

6+56.07
Fd 1x2 E N. flush
F.B. 3919-140

6+71.5 — 8.6 — 16.2

4' Wood Rail Fn.

4' Wood Rail Fn.

T Road

End Survey

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6F309S CE#310 3-69

Profile No.	Notes Red Date	Plotted Date	Job No. 3731.34	Division No.	F.B. 34.1 Pg. 153
			Survey of Rolling Hills Estates		
X-Sec. No.	Notes Chk'd. Date	Checked Date	Survey by E English Notes E.S. Date 6-8-72		
			Map No.	Indexed M. PALMER Date JUN 21 '72	

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403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

ROLLING HILLS ESTATES

JN 3731.34

S.S. District #5

Cross Sections
In Area Of
Hidden Valley Rd
W'ly to tract 27089

June 8 1972
E. English
E. Shoemaker
G. Creason
C Johnson

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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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.		
Fd BM FH 21				418 73	BM. FH 21 El. 418.730 FB 2919-40	
					0.15 M. N'Ely from Palos Verdes	
					Dr. N. & 6' N. Ely from driveway	
					to Ho. #17 Hidden Valley Rd.	
					Bt. Spk in N'ly cb	
					Cross Sections taken from ⊼	
					Line going W'ly Pg-	
0+50		Lenker Rod		425 27	⊼ Line	
				425 29	0.4 R	W/4
				425 48	6.9 R	Crown Pvmt
				425 25	13.4 R	W/4
				425 00	18.0 R	edge gutter
				424 85	20.0 R	bot cb
				425 32	20.0 R	top cb
				425 4	27 R	top brk
				425 01	4.3 L	edge pvmt
				424 85	6.3 L	bot cb
				425 32	6.3 L	top cb
				426 1	13.3 L	ground.

F. B. 3919 PG. 154 | Job No. 3731.34 | Division No. | Notes Red | Plotted | Profile
Survey of Rolling Hills Estates SSD #5 | Date | Date | No.
Survey by E English | Notes E.S. | Notes Chk'd. | Checked | X-Sec.
Indexed T. M. PALMERI | Date | Date | No.

76-L-298 CE 307 5-66

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Profile Notes Red____ Plotted____ Job No. 3731.34 Division No.____
No.____ Date____ Date____ Survey of Rolling Hills Estates S.S.D. #5
X-Sec. Notes Chk'd____ Checked____ Survey by E. English Notes E.S. Date 6-8-72
No.____ Date____ Date____ Map No.____ Index T.M. PALMER Date JUN 21 72

F. B. 3919 Pg. 155

STATION	B. S.	H. I.	F. S.	ELEV.	
1+00				429 07	℄ Line
				429 05	3.5 R Crown pvmt
				428 81	7.8 R W/L
				428 57	18° R edge gutter
				428 29	15.2 R bot cb
				428 14	15.3 R top cb
				428 5	20 R top brk
		Center Rd		429 04	6.7 L W/L
				429 07	1.8 L edge pvmt ℄
				429 02	14° L bot cb
				429 49	14° L top cb
				430 4	21° L ground
1+26.8				431 21	℄ Line & edge gutter
1+33.0				431 26	℄ bot cb
				431 43	dep. cb. ℄ Line top cb
				431 53	4.8 R brk
				430 96	18° R pvmt
				432 32	19° L
1+45.2				431 79	10° R edge pvmt & brk
1+49.5				432 84	℄ Line

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+53.8				433.56	16.6 L Top cb	
				433.03	16.6 L bot cb	
1+57.0				431.5		⊼ Line
				429.3		11.0 R Brk
				425.6		21.7 R Bot Brk
				433.2	10.0 L Top Brk	
1+67.0				431.2		⊼ Line Brk
				425.2		16.0 R
				433.6	16.0 L Top Brk	
2+00				427.9		⊼ Line
				426.8		4.0 R Brk
				425.8		16.0 R Gnd
				435.0	20.0 L Top Brk	
2+18				427.4		⊼ Line Side Slop
				426.2		1.5 R Brk
				425.9		16.0 R Gnd
2+50				428.1		⊼ Line Side Slope
				426.5		4.0 R Brk
				425.9		16.0 R Gnd
				438.0	25.0 L Top Brk	

Lenker Rod

F.B. 3919 PG. 156 Job No. 3131-54 Division No. Notes Red Plotted Profile
Survey of Rolling Hills Estates S.S.D. #5 Date Date No.
Survey by E. English Notes E.S. Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date No.

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Profile Notes Red. Plotted Job No. 3731.34 Division No.
No. Date Date Survey of Rolling Hills Estates S.S.D.#5
X-Sec. Notes Chk'd. Checked Survey by English Notes E.S. Date 6-9-72
No. Date Date Map No. Indexed M. PALMER Date JUN 21 72

F.B. 3919 Pg. 157

STATION	B. S.	H. I.	F. S.	ELEV.		
3+00				433	40	
				426	6	
				425	4	
				439	7	14° Top Brk
3+50				439	3	
				426	6	
				426	3	
				441	0	6° L Top Brk
				441	2	16° L End
4+00				440	9	
				430	7	
				442	1	5° L Top Brk
				442	3	16° L End
4+50				442	1	
				434	0	
				443	4	3° L Top Brk
				443	6	16° L End
5+00				443	0	
				435	7	
				443	7	3° L Top Brk
				444	5	16° L End

Lenker Road

Line
12° R Brk
20° R End

Line
23° R Brk
30 R End

Line
16° R Side Slope

Line
16° R Side Slope

Line
16° R Side Slope

76-L-298 CE 307 5-66

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F. B. 3919 PG. 158 | Job No. 373.34 Division No. Profile
Survey of Rolling Hills Estates S.S. Dist. No. X-Sec.
Survey by E. English Notes F.S. Notes Red Plotted
Indexed T. M. PALMERI Date Date Notes Chk'd. Checked
Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.				
5+50				444.4				Line
				437.8				14.0 R Side Slope
				444.6	1.5 L		Top Brk	
				444.7	16.0 L		Gnd	
5+53				444.7				Line Top Brk
6+00				444.6				Line
				444.8				6.0 R Brk
				443.1				14.0 R Brk
				440.4				18.0 R Side Slope
		Lenker Road		446.3	16 L		Gnd	
6+52.1				445.3				Line
				444.3				16.0 R Gnd
				446.5	16.0 L		Gnd	
7+00				445.6				Line & Brk
				444.5				16.0 R Gnd
				447.1	11.0 L		Brk	
				446.5	16.0 L		Gnd	
Fd.								
B.M. E.H. 20				461.18	B.M. EH 20 El. 461.229 F.B. 3919-39			
					Pleasant Hill Rd. N. Side. In the			
					curb 3' E. of E. edge conc. drive to			
					Ho. #5. Spk in conc. cb.			

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

Survey of Rolling Hills S.S.D.#5
JN 3731.34 Tape Std °F
Surveyed by E English
Notes E.S. Date 5-72
Indexed T. M. PALMERI JUN 21 '72

F. B. 3919 Pg. 159

Rolling Hills Estates

JN. 3731.34

S. S. District # 5

Topography
From
E. End Latigo Road
To
Palos Verdes Drive No

May 1972
E. English
E. Shoemaker
G Creason
C. Johnson

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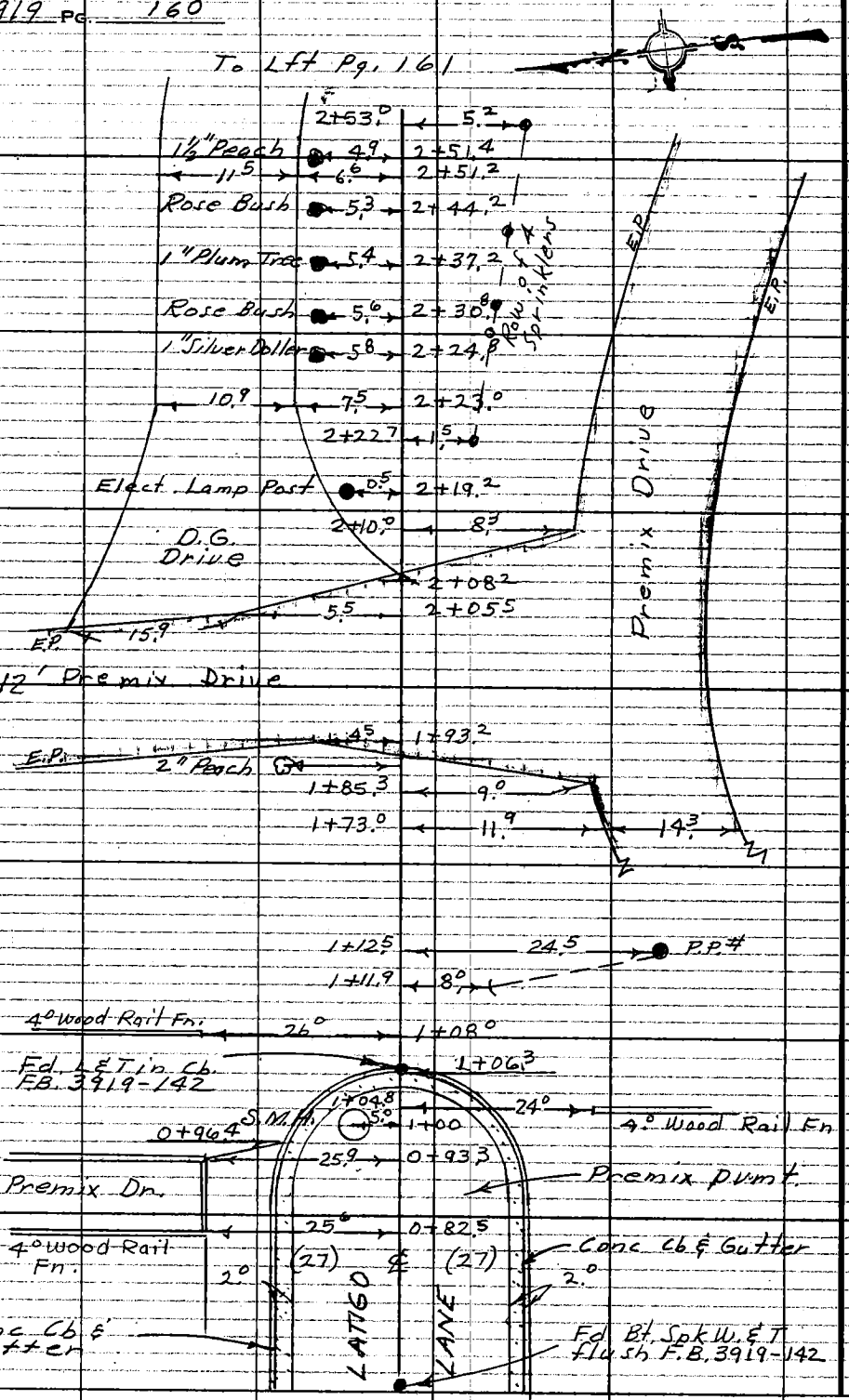
F.B. 3919 Pg. 160

To Lft Pg. 161



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Map No.		J.N. 3731.34 Tape Std. °F	
Office Work		Surveyed by E. English	
Checked		Notes E.S. Date 5-72	
Date		Indexed M. PALMERI JUN 21 '72	

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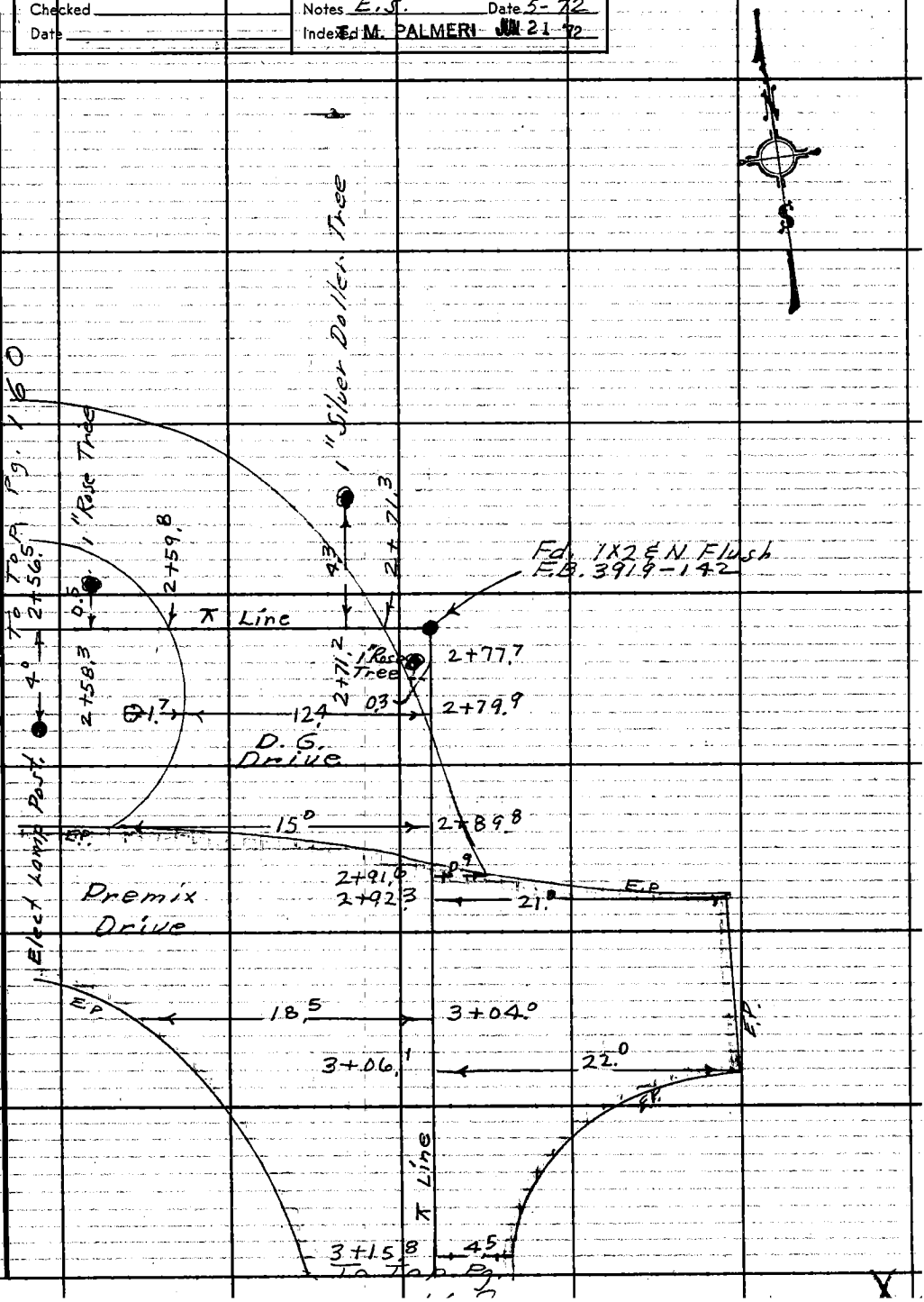

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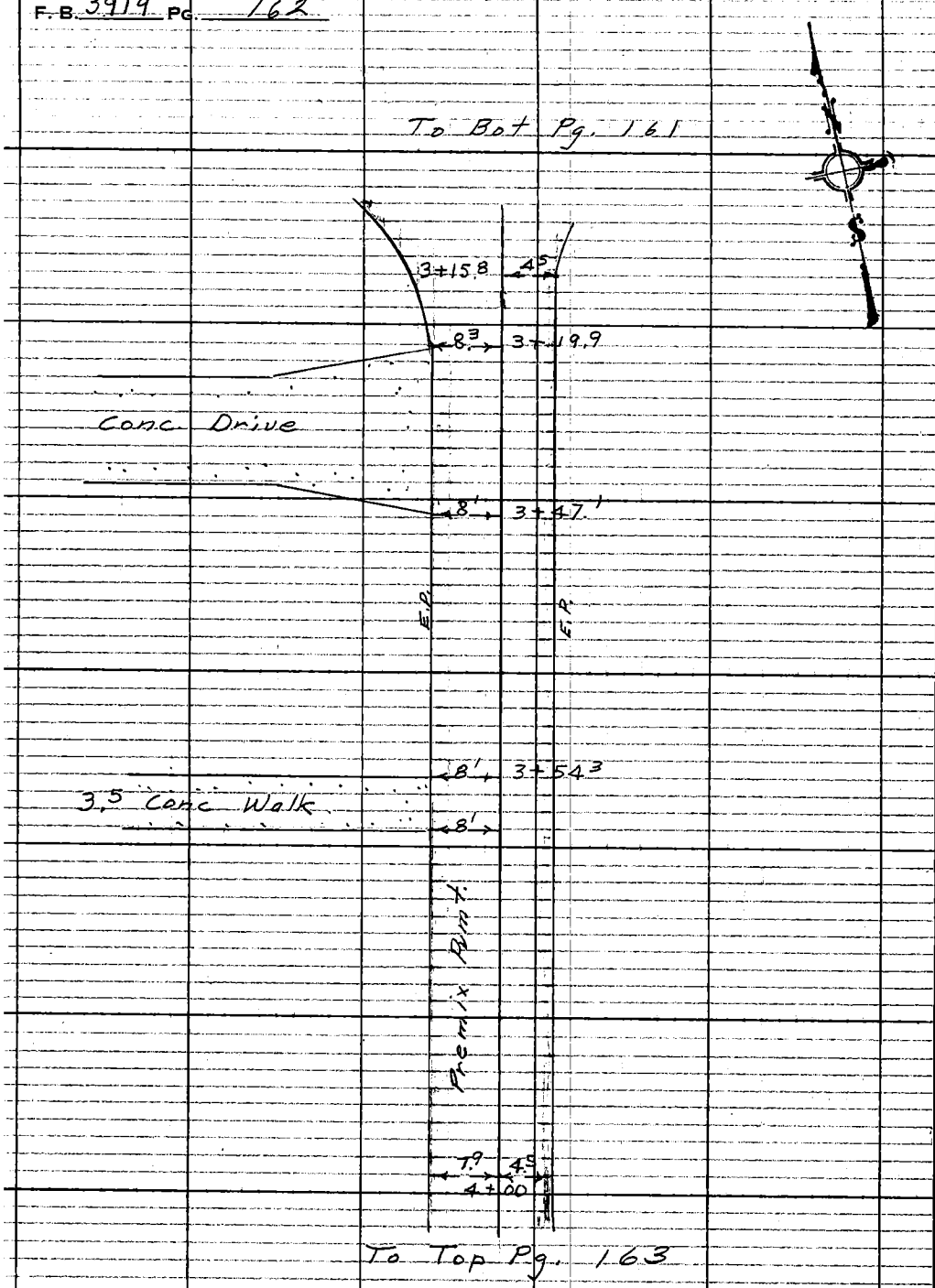
F.B. 3919 PG. 162



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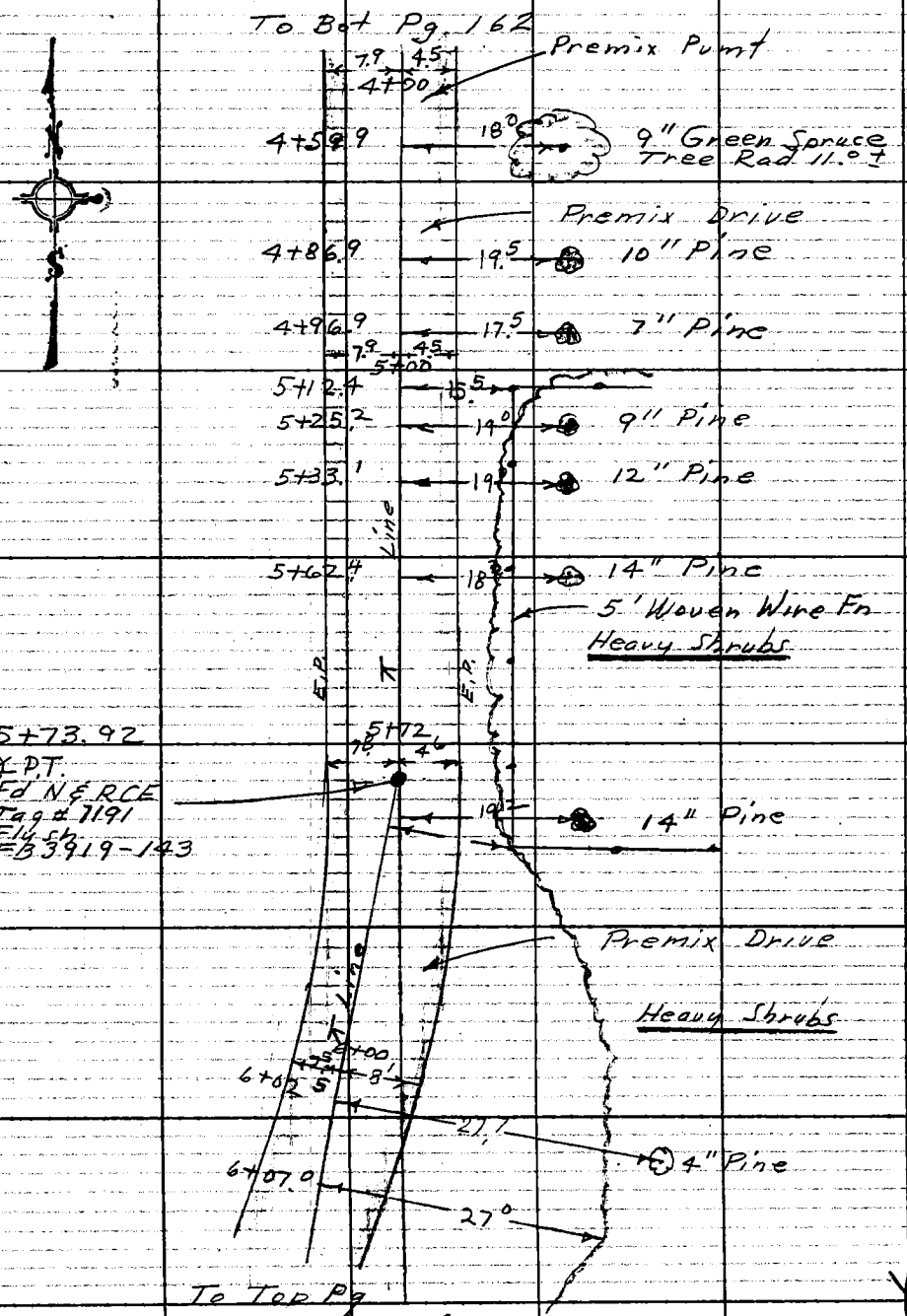
Office Work	Surveyed by E. English
Checked	Notes E.S. Date 5-72
Date	Indexed J. M. PALMERI JUN 21 '72

F. B. 3919 PG. 163



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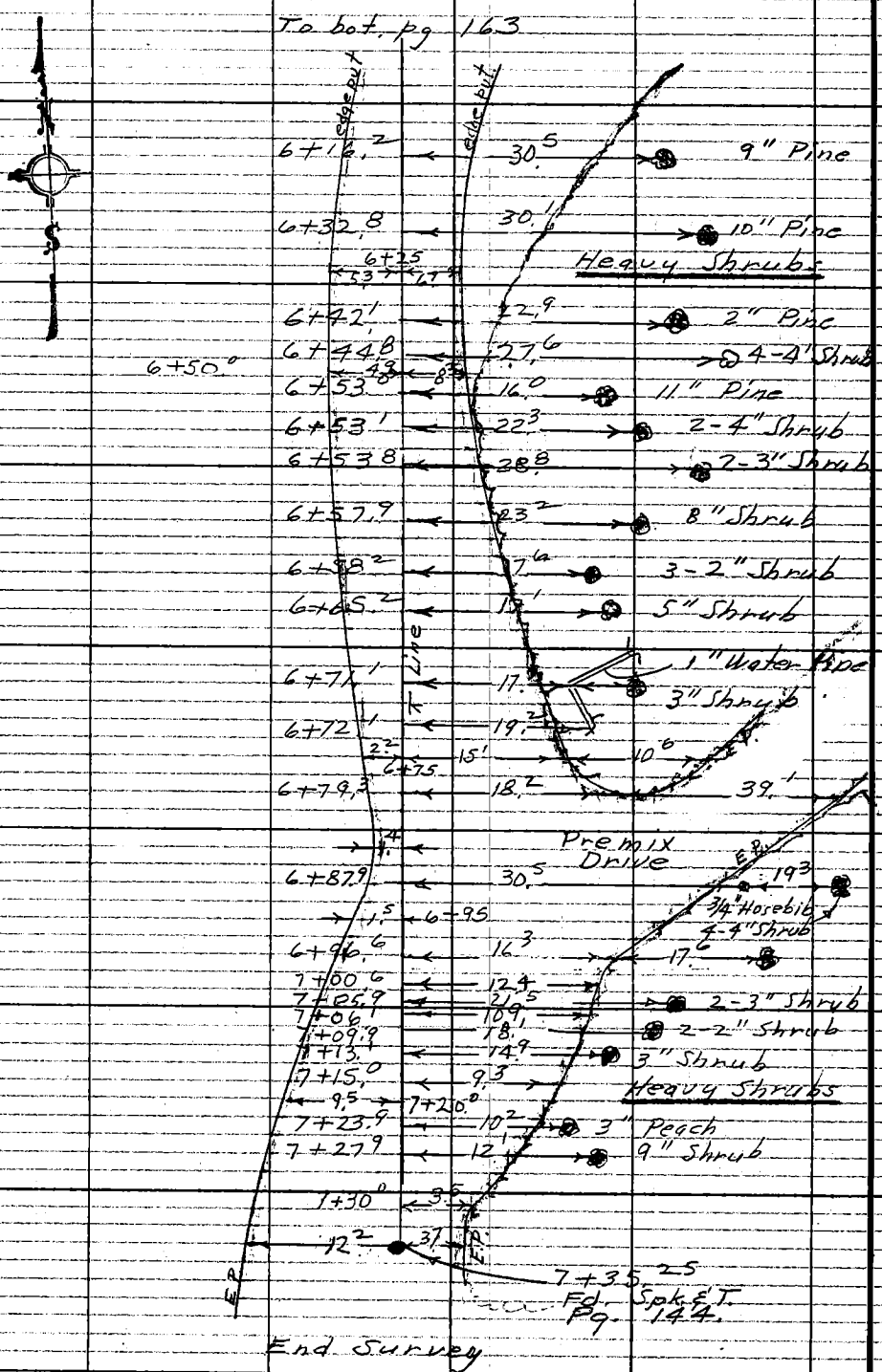
F. B. 3919 Pg. 164



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3731.34

F. B. 3919 Pg. 165

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____ Survey of Rolling Hills Estates S.S.D. #5

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by E. English Notes E.S. Date 6-5-72 Map No. ____ Indexed M. PALMER Date JUN 21 '72

ROLLING HILLS ESTATES

JN 3731.34

S.S. District #5

Cross Sections

From

E. End Latigo Road

To

Palos Verdes Dr. No.

June 5, 1972

E. English

E. Shoemaker

J. Stroud

G Creason

C Johnson

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

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F.B. 3919 PG. 166 | Job No. 3731.34 | Division No. Rolling Hills Estates S.S.D. #5 | Survey of Rolling Hills Estates S.S.D. #5 | Survey by E. English Notes E.S. | Indexed T. M. PALMER | Date | Profile | No. | X-Sec. | No. | Plotted | Date | Checked | Date | Notes Red | Date | Notes Chk'd | Date

STATION	B. S.	H. I.	F. S.	ELEV.	Latigo Ln. & Pg. 160
B.M. F.H. 10				408 38	B.M. F.H. 10 El = 408.379 F.B. 3919 - 29
					Latigo Lane 200± No. of W.E. end.
					80 Ft. No. of S.S. pumping Sta. 10
					ft. W. of W. side of bridle trail
					Center of 6'x6' conc. S.D. ditch
					end. Spk. in conc
0+55.0				442 69	& Latigo Lane
				442 70	3.5 R Crown Pvt
				442 59	12.0 R W/4
				442 45	18.6 R Edge gutter
				442 28	20.6 R Bot. Cb.
				442 94	20.6 R Top Cb
				443 5	30 R Bot. Brk
		Levied Rod		442 61	5.0 L W/4
				442 44	11.6 L Edge gutter
				442 25	13.6 L Bot Cb
				442 89	13.6 L Top Cb
				443 1	25.9 L Top Brk

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+00				444.43		℄ Latigo Lane
				444.36	5° L	S.S.M.H. Rim (Rim-(Rod+Dia)=Inv.)
				434.49	Inv. 8" Inlet E'ly.	(444.36-(9.20+67)=434.49)
				434.51	Inv. 8" Inlet W'ly	(444.36-(9.18+67)=434.51)
				434.33	Inv. 8" Outlet N'ly	(444.36-(9.36+67)=434.33)
1+04.3		Lenker Rod		444.61	edge gutter	℄ Latigo Lane
1+06.3				444.41	Bot. cb.	℄ " "
				445.08	Top cb.	℄ " "
1+04.8 tok				446.4		27° R Gnd
1+07				445.1		⊼ Line
				445.6	27° L Gnd	
1+12				448.3		⊼ Line
				449.6		10° R
				447.6	10° L	
+34				451.1		⊼ Line
				451.9		10 R
				450.4	10 L	
1+50				451.7		⊼ Line
				452.6		10 R
				451.0	10 L	

Profile Notes Red ____ Plotted ____ Job No. 3731.34 Division No. ____ F.B. 3919 PG. 167
No. ____ Date ____ Date ____ Survey of Rolling Hills Estates S.S.D. #5
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. English Notes E.S. Date 6-5-72
No. ____ Date ____ Date ____ Map No. ____ Index Ed M. PALMERI Date JUN 21 '72

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+00				453 33	(Premix Dr.)	⊼ Line = Pg. 160
				453 70		10° R
				452 72	10° L	
2+50				455 4		⊼ Line
				455 6		10 R
				455 5	10° L	
2+73.9				454 4		
2+74.0				454 7	∢ PT	⊼ Line
2+74.1				454 0	10° L	
2+90				455 55		10° R E.P.
2+91.6				455 94		⊼ Line
2+92.0				456 03	10° L	
3+00				456 [illegible]		⊼ Line
				456 06		10° R
				456 95	[illegible]	
3+50				460 91		⊼ Line
				460.87		8' R edge pumt
				460 9		10 R
				460 73	4° L edge pumt	
				460 7	10° L	

Lenker Rod

F. B. 3919 PG. 168 | Job No. 3731.34 | Division No. | Notes Red | Plotted | Profile
Survey of Rolling Hills Estates S.S.D. #5 | Date | Date | No.
Survey by E. English | Notes E.S. | Notes Chk'd. | Checked | X-Sec.
Indexed T. M. PALMERI | Date | Date | Date | No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
4+00				465 40		⊼ Line = Pg. 162
				465 24		7.9 R edge pvmt
				465 1		10° R
				465 24	4.5 L edge pvmt	
				465 1	10° L	
4+50		Lenker Rod		469 30		⊼ Line
				469 18		7.9 R edge pvmt
				469 1		10° R
				469 31	4.5 L edge pvmt	
				469 0	10° L	
5+00				473 22		⊼ Line
				473 05		7.9 R edge pvmt
				472 8		10° R
				473 21	4.5 L edge pvmt	
				472 9	10° L	
5+50				477 12		⊼ Line
				476 93		7.9 R edge pvmt
				476 8		10° R
				477 09	4.5 L edge pvmt	
				476 9	10° L	
5+73.92				479 05	∡ PT	⊼ Line

Profile Notes Red ____ Plotted ____ Job No. 373134 Division No. ____ F.B. 3919 Pg. 169
No. ____ Date ____ Date ____ Survey of Rolling Hills Estates S.S.D. #5
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. English Notes E.S. Date 6-7-72
No. ____ Date ____ Date ____ Map No. ____ Index T.M. PALMERI Date JUN 21 '72

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F. B. 3914 Pg. 120 | Job No. 373.34 | Division No. | Notes Red | Plotted | Profile
Survey of Rolling Hills Estates S.S.D. #5 | Date | Date | No.
Survey by E Engdahl | Notes E.S. | Notes Chk'd. | Checked | X-Sec.
Indexed M. PALMER | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
6+00				481.24		℄ Line = Pg. 163
				481.01		2.5 edge pvmt
				481.9		10°R
				481.39	8.1 L	edge pvmt
				480.9	9.5 L	B.K.
				481.7	20 L	
6+50				485.13		℄ Line
				484.96		5°R edge pvmt
				485.1		10°R
				485.14	8.1 L	edge pvmt
				484.8	8.5 L	
				484.9	30	
6+75				487.05		℄ Line
				487.11		2.2 edge pvmt
				487.49	4.0 L	Crown Pvmt
				487.75	15.1 L	edge pvmt
				487.90	25 L	" "
				486.87	44 L	" "
				487.6	45 L	
7+00				489.47		℄ Line
				489.34		2.5 R edge pvmt

Lenker Rod

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
7+00				489 41	17.4 L	pvmt
				489 63	12.4 L	edge pvmt
				489 9	13° L	gnd
				490 0	25° L	gnd
				490 2	50° L	gnd
7+35 25		Lenker Rod		492 29		⊼ Line = Pg. 164
				492 31		12 R edge pvmt
				492 23	3.7 L	edge pvmt
				492 8	5.5 L	gnd
				492 7	30° L	gnd
				492 9	60° L	gnd
7+50				493 9		⊼ Line
				494 1		20° R
				494 2	13° L	gnd
				494 3	35° L	gnd
				494 5	60° L	gnd
Fd BM 49-3				503 45	BM 49-3 El. 503.405 FB 3919-23	

Palos Verdes Dr. N & Silver Spur Rd N Side
Palos Verdes Dr. N. & 215± E. of Latigo Lane. 52' Ely
of capped 4" water Pipe & 11' Nly of N. edge pvmt.
Brass Cap Wm Marked BM 49-3 1955 RE 5869 in conc. flush.

Profile Notes Red ____ Plotted ____ Job No. 3131.34 Division No. ____ F.B. 3919 Pg. 171
No. ____ Date ____ Date ____ Survey of Rolling Hills Estates S.S.D. #5
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. English Notes E.S. Date 6-8-72
No. ____ Date ____ Date ____ Map No. ____ Indexed M. PALMERI Date JUN 21 72

F. B. 3919 PG. 172 | 3731.34

Job No. Division No. Notes Red Plotted Profile

Survey of Rolling Hills Estates S.S.D. #5 Date Date No.

Survey by E. English Notes E.S. Notes Chk'd. Checked X-Sec.

Indexed Date Date Date No.

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

76-L-298 CE 307 5-66

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Notes Ck'd by	Survey of Rolling Hills Estates SSD#5 F. B. 3919 Pg. 173
Map No.	JN 373134 Tape Std °F
Office Work	Surveyed by E. English
Checked	Notes E. S. Date 6-72
Date	Indexed J. M. PALMERI JUN 21 '72

Rolling Hills Estates

J.N. 373134

S.S. District # 5

Topography in Area of Hidden Valley Rd.

May 1972
E. English
E. Shoemaker
G. Creason
C. Johnson

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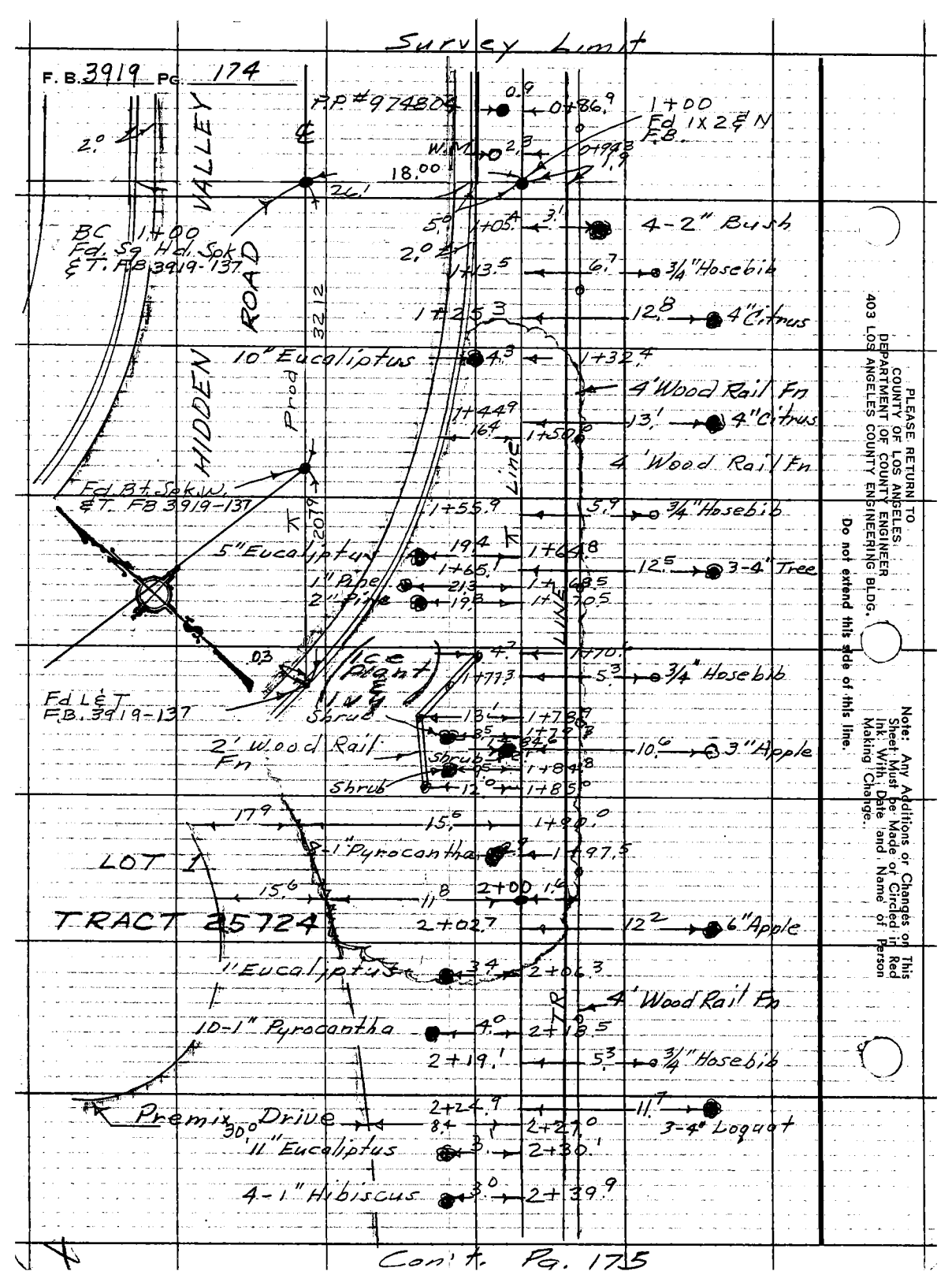

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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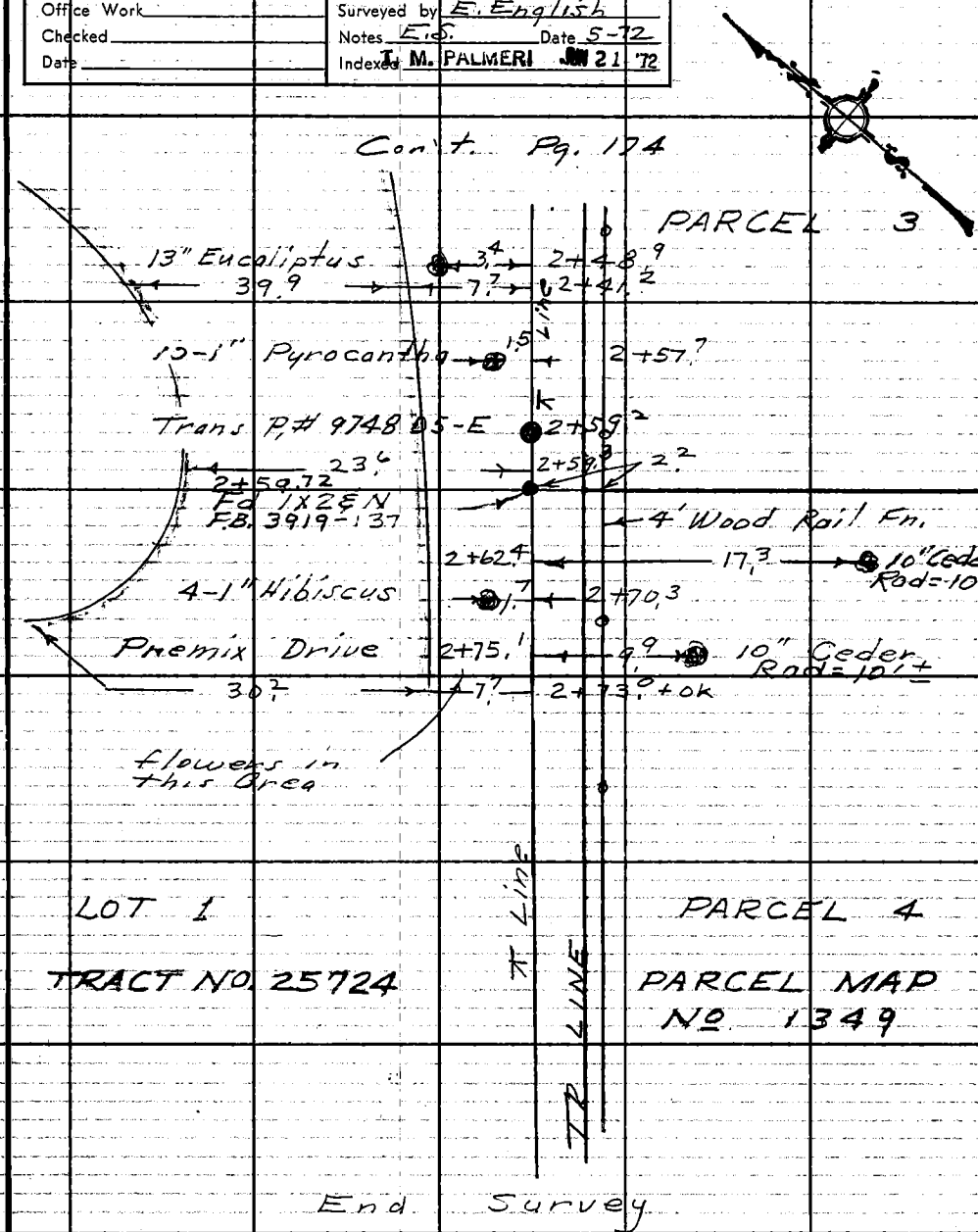
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Rolling Hills Estates SSD #5
Map No.	JN 3731.34 Tape Std °F
Office Work	Surveyed by E. English
Checked	Notes E.S. Date 5-72
Date	Indexed T. M. PALMERI JUN 21 '72

F. B. 3919 Pg. 175



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

3731.34

F. B. 3919 Pg. 177

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

Date | Date | Survey of Rolling Hills Estates S.S.D.#5

X-Sec. No. | Notes Chk'd. | Checked | Survey by E. English Notes E.S Date 6-5-72

Date | Date | Map No. | Index R. M. PALMER Date JUL 21 72

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

ROLLING HILLS ESTATES

J.N. 3731.34

S.S. District #5.

Cross Sections

In Area of

Hidden Valley Road

June 5 1972

E. English

E. Shoemaker

J. Stroud

G Creason

C Johnson

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	π-line Pg. 174
Fd. B.M. F.H. 21				418.73	B.M. F.H. 21, El.=418.730 F.B. 3919-40
					0.15 Mi. N.E'ly from Palos Verdes Dr.
					No. & 6 ft. N.E'ly from driveway to
					Ho. #17 Hidden Valley Rd.
					Bt. Spk in N'ly cb.
					Taken from π Line S.W.'ly Pg.
0+50				410.0	π Line Brk.
				409.4	2.5 R Brk.
				409.34	5.0 R Top cb
				408.88	5.0 R Bot cb
				409.13	7.0 R Edge gutter
				409.29	11.5 R w/4
				409.38	18.0 R w/2
				409.27	24.5 R w/4
				409.13	29.1 R Edge gutter
				409.00	31.1 R Bot cb.
				409.43	31.1 R Top cb.
				409.5	38.1 R Gnd
				410.1	10.0 L Gnd

Lenker Rod

F. B. 3919 PG. 178 Job No. 3731.34 Division No. Notes Red Plotted Profile
Survey of Rolling Hills Estates S.S.D. #5 Date Date No.
Survey by E. English Notes E.S. Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date No.

76-L-298 CE 307 5-66

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Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Rolling Hills Estates SD #5
Notes Chk'd. ____ Checked ____ Survey by E. English Notes E.S. Date 6-5-72
Date ____ Date ____ Map No. ____ Index M. PALMERI Date JUN 21 72

F. B. 3414 PG. 179

STATION	B. S.	H. I.	F. S.	ELEV.		
1+00				412.8		↑ Line Brk
				411.31		5° R Top Cb
				410.84		5° R Bot Cb
				411.05		7° R Edge gutter
				411.24		11.5 R W/4
				411.37		18° R W/2
				411.22		24.5 R W/4
				411.08		29.1 R Edge gutter
				410.89		31.1 R Bot. Cb
				410.95	Dep Cb.	31.1 R Top Cb
				411.63		38.1 R
				413.2	2° L Gnd.	
				413.0	16° L Gnd.	
1+50				416.1		↑ Line
				415.9		4.5 R Brk
				413.8		10° R Brk
				413.19		16.3 R Top Cb
				412.73		16.3 R Bot Cb
				412.91		18.7 R Edge Gutter
				413.20		23.9 R W/4
				413.47		31.5 R W/2

Lenker Road

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+50				413 48		39.1 R W 3/4
				413 45		44.4 R Edge Gutk
				413 37		46.7 R Bot. Cb.
				413 87		46.7 R Top Cb.
				414 5		54.5 R Gnd.
				415 9	2° L Gnd	
				415 5	10° L "	
1+				413 35		18 R Top Cb
				412 88		18° R Bot Cb
1+76				417 7		⊼ Line
				418.1		16° R Brk
				415 42		24° R Edge pvmt
				415 23		24.5 R " drive
				414 51		34.5 R "
2+00				419.6		⊼ Line
				419 45		11.8 R Edge pvmt
				419 30		12.2 R " drive
				419 17		18.6
				418 91		25° R Edge drive
				419 01		25.6 R Edge pvmt
				419 1	2° L Gnd	

Lenker Rod

F. B. 3919 Pg. 180 Job No. 3731.34 Division No. Notes Red Plotted Profile
Survey of Rolling Hills Estates SSD #5 Date Date No.
Survey by E English Notes E.S. Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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Profile Notes Red____ Plotted____ Job No. 3731.34 Division No.____
No.____ Date____ Date____ Survey of Rolling Hills Estates SSD #5
X-Sec. Notes Chk'd.____ Checked____ Survey by E. English Notes E.S. Date 6-5-72
No.____ Date____ Date____ Map No.____ Index Tod M. PALMERI Date JUN 21 '72

F.B. 3919 PG. 181

STATION	B. S.	H. I.	F. S.	ELEV.			T-line Pg. 174
2+00				419 3	10° L	Gnd	
2+50				423 1			T Line
				424 32			7' R Edge pvmt
				424 74			8' R Top burm
				424 56			8' R Edge drive
				425 17			25' R Edge drive
				422 8	10' L	Gnd	
2+59.72				424 1			T Line
				425 41			7' R Edge pvmt
				425 61			8' R Top burm
				425 41			8.5 R Edge drive
				426 05			23 R " "
		Lenker Rd		423 7	2° L	Gnd	
				423 5	10° L	Gnd	
2+84				425 9			T Line = Pg. 175
				426 70			7.7 R
				426 93			3' R
				426 70			8.5 R
				427 00			17 R
				425 7	2° L	Gnd	
				425 9	10° L	Gnd	

F. B. 3919 PG. 182 | Job No. 3731.34 Division No. Notes Red Plotted Profile

Survey of Rolling Hills Estates S.S.D. #5 Date Date No.

Survey by E English Notes E.S. Notes Chk'd. Checked X-Sec.

Indexed T. M. PALMERI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.
Fd. BM F.H-22				402.47
		Lenker Rod		

B.M. F.H. 22; El 402.482. F.B. 3919-41
0.25 Mi. No. from Palos Verdes
Dr. No. & 2' S'Wly from drive-
way to Ho. # 37 Hidden Valley Rd.
Bt. Spk. in N.W. ly cb.

Do not extend notes this side of this line.

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76-L-298 CE 307 5-66

PWFB 0317 503

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

Survey of R.H.E. SS. DIST + S
JN 3731.34 Tape 0257 Std 68 °F
Surveyed by J. BAZEN
Notes N.B. Date 11-22-72
Indexed G.D. BAILEY DEC 5 1972

F. B. 3919 Pg. 183

J.N. 3731.34

ROLLING HILLS ESTATES

S.S. DISTRICT NO. 5

(PUMP STATION SERVICE RD.)

A LINE SURVEY Pgs 183-190
TOPO " " 191-196
X-SECTION " " 197-208

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PARTY
J. BAZEN
E. SHOEMAKER
J. STROUD
R. CLIFFORD

76F309S CE#310 3-69

PWFB 0317 504, 505, 506

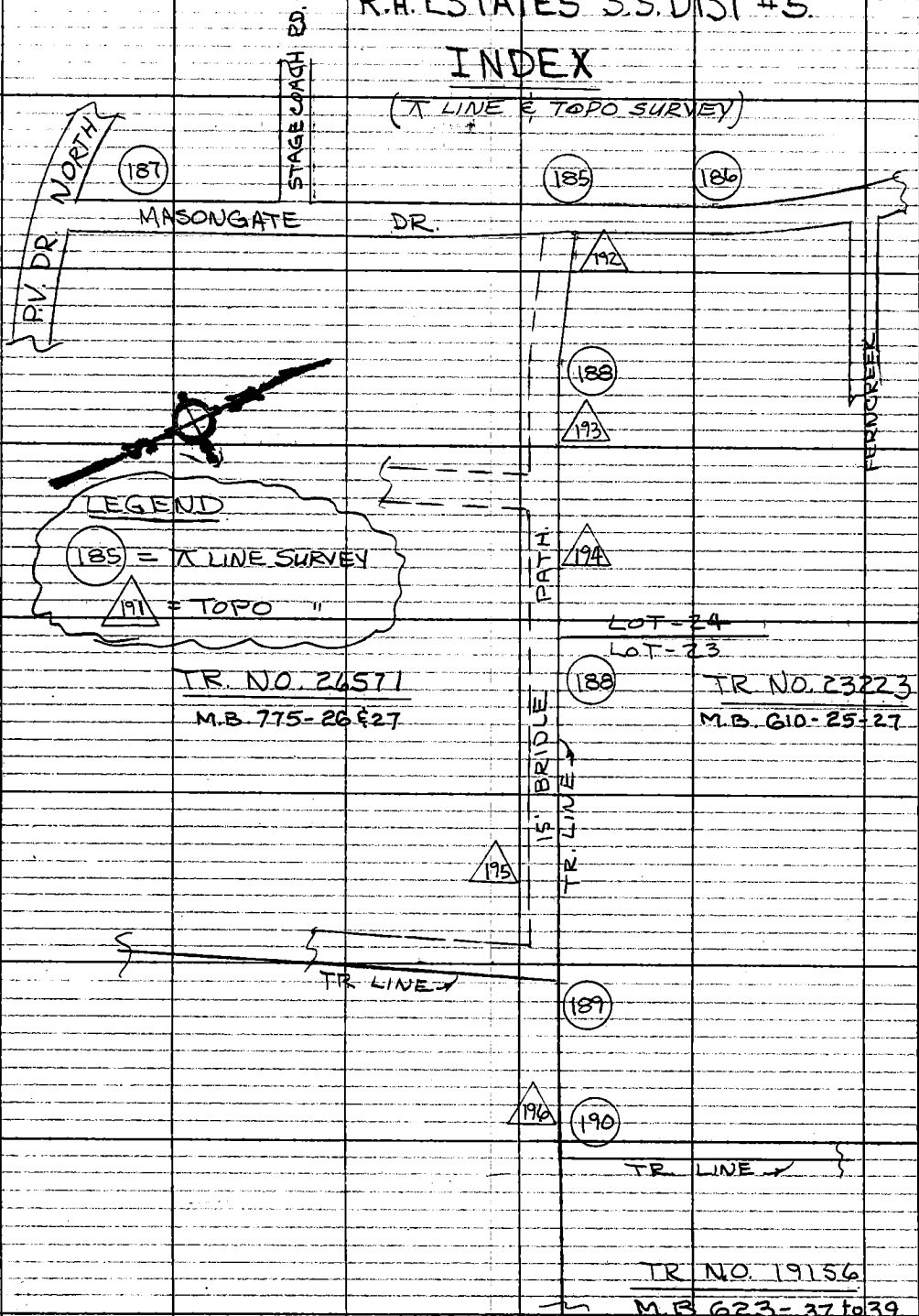
F. B. 399 Pg. 184

J.N. 3731,34

R.H. ESTATES S.S. DIST #5.

INDEX

(℄ LINE & TOPO SURVEY)



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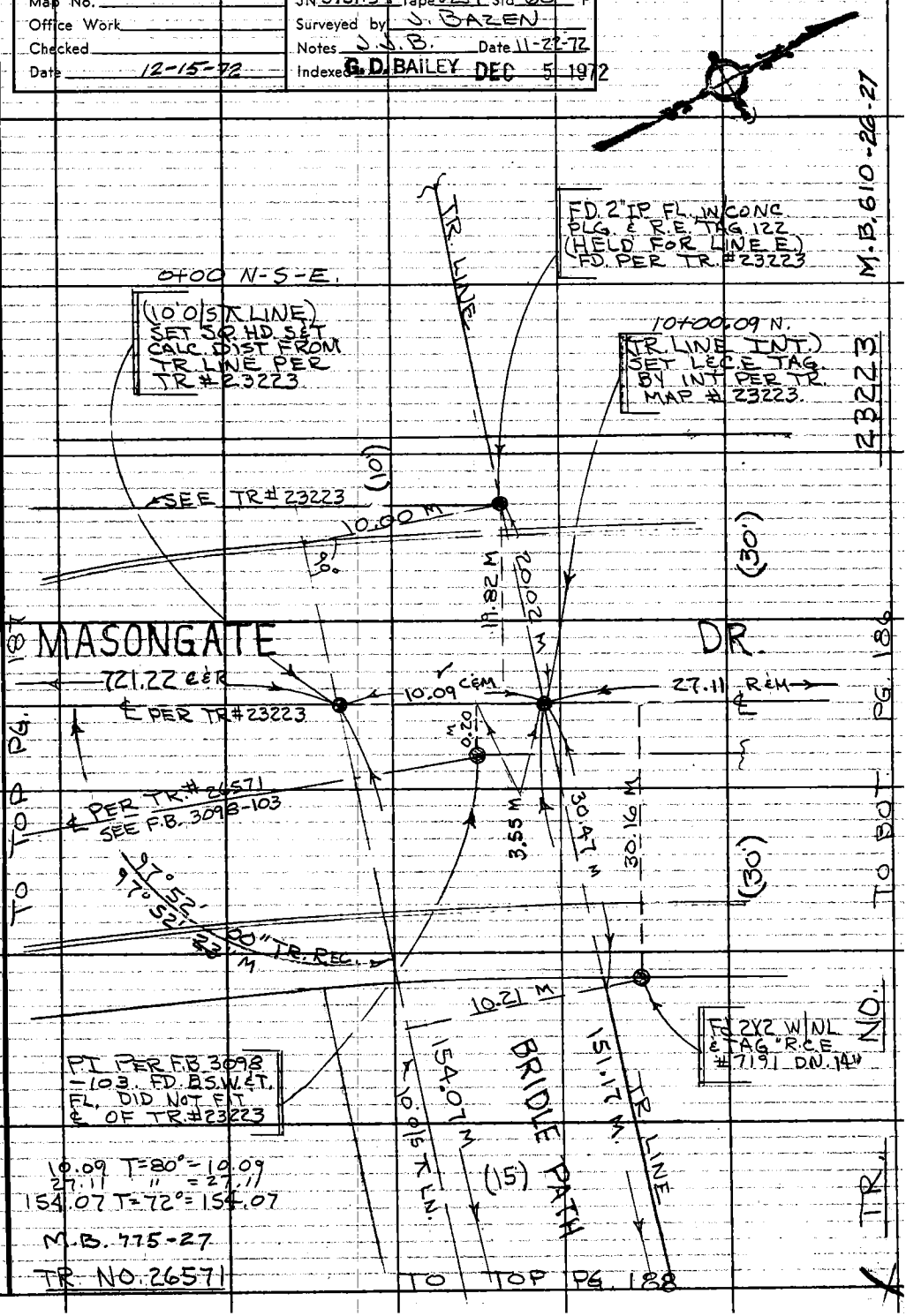
PWFB 0317 507

Notes Ck'd by J.F. MUNOZ	Survey of R.H.E. SS. DIST-5
Map No.	JN 3731.34 Tape 0257 Std 68 °F
Office Work	Surveyed by J. BAZEN
Checked	Notes J.J.B. Date 11-22-72
Date 12-15-72	Indexed G.D. BAILEY DEC 5 1972

F. B. ~~3919~~ PG. ~~185~~



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76F309S CE#310 3-69

PWFB 0317

508

F. B. ~~3217~~ Pg. ~~136~~

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11+11.95 N.
P.I. - PER
TR. 23223 REC.
(NO F.B. REF)

11.86 T=74°=11.86
72.89 " =72.89

23223
MB 610-26 & 27

DR.

(30')

72.89 R&M PER TR. MAP

(30')

10+39.06 N.
FD LET T
(NO REF)

OF 16' P.V. WATER CO
(SEE TR. MAP

EASMT.
NO. 23223)

TR NO.

FD L.E.T.

296.29 M

11.86 R&M

27.58 M

FD L.E.T.

MASONGATE

10+27.20 N.
B.C. - FD SM
SET PER TR
MAP # 23223
(SEE F.B. 2089
-30 FOR TIES)

27.11 R&M

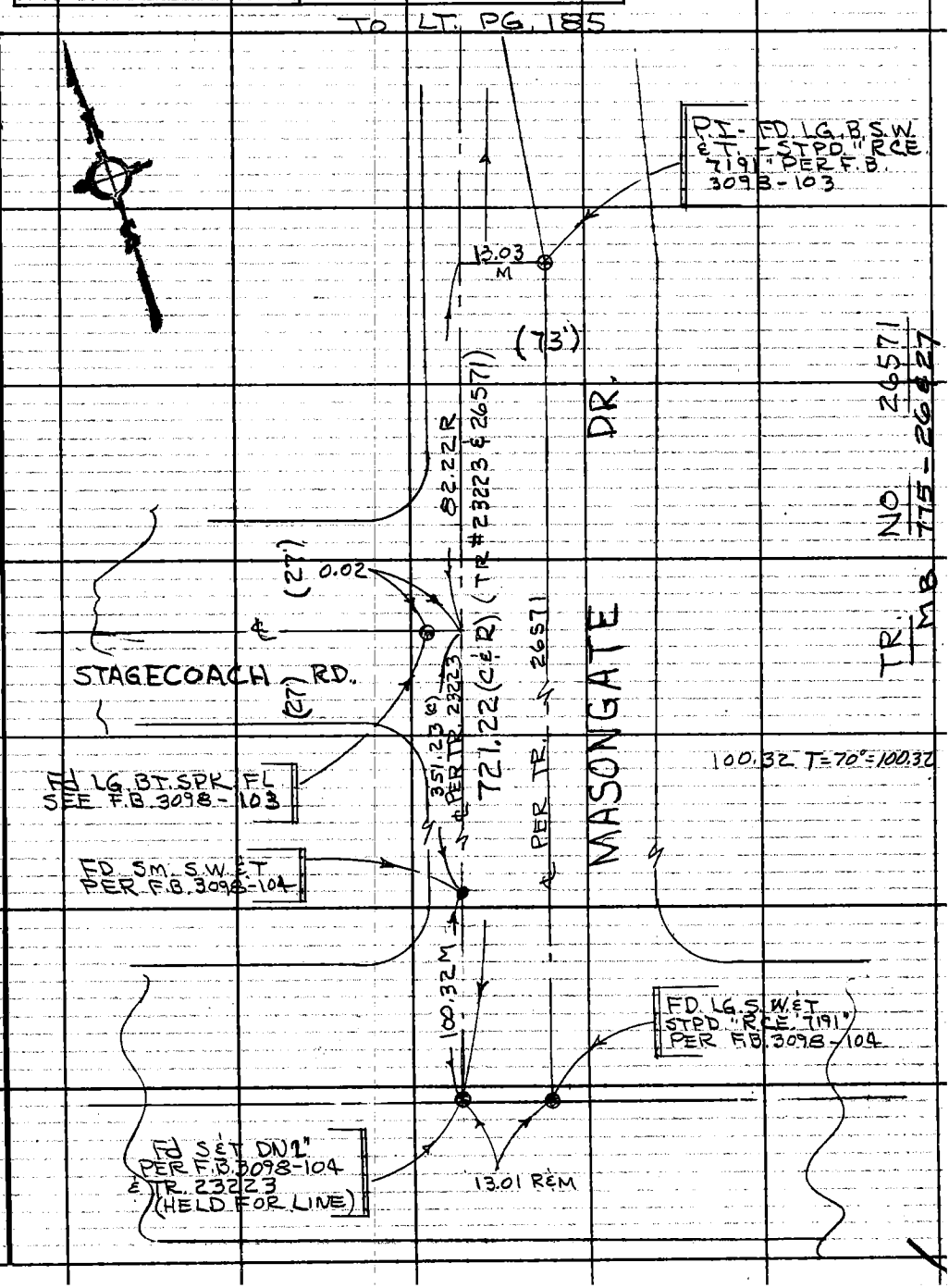
B.C.
PER TR. MAP

PWFB 0317

509

Notes Ck'd by J.F. MUNOZ	Survey of R.H.E. S.S. DIST.-5
Map No.	JN 3731.34 Tape 0257 Std 68 °F
Office Work	Surveyed by J. BAZEN
Checked	Notes J.J.B. Date 11-22-72
Date 12/15/72	Indexed G. D. BAILEY DEC 5 1972

F. B. ~~5919~~ PG. ~~187~~



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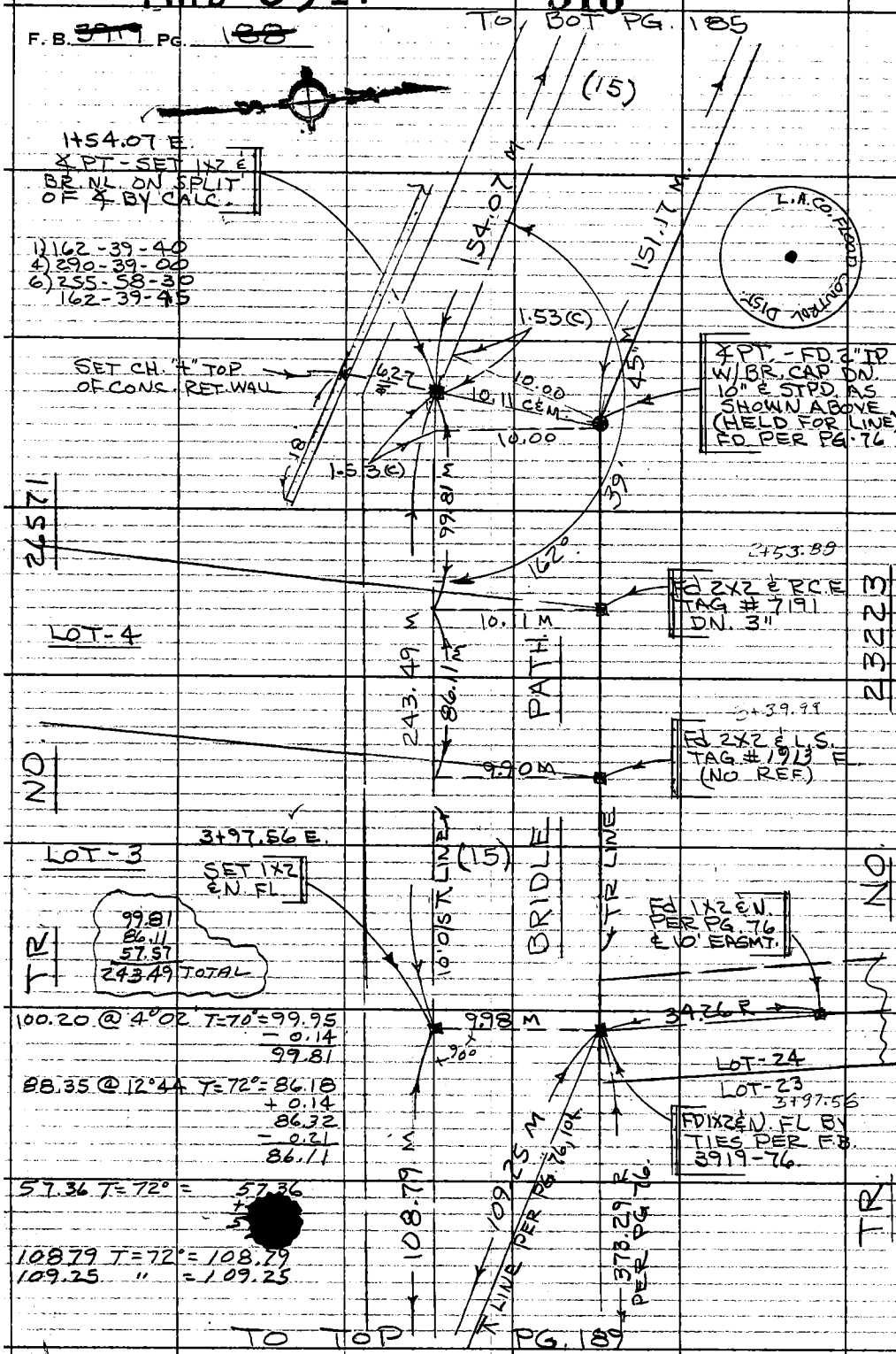
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

PWFB 0317

510

F.B. ~~3919~~ PG. ~~188~~



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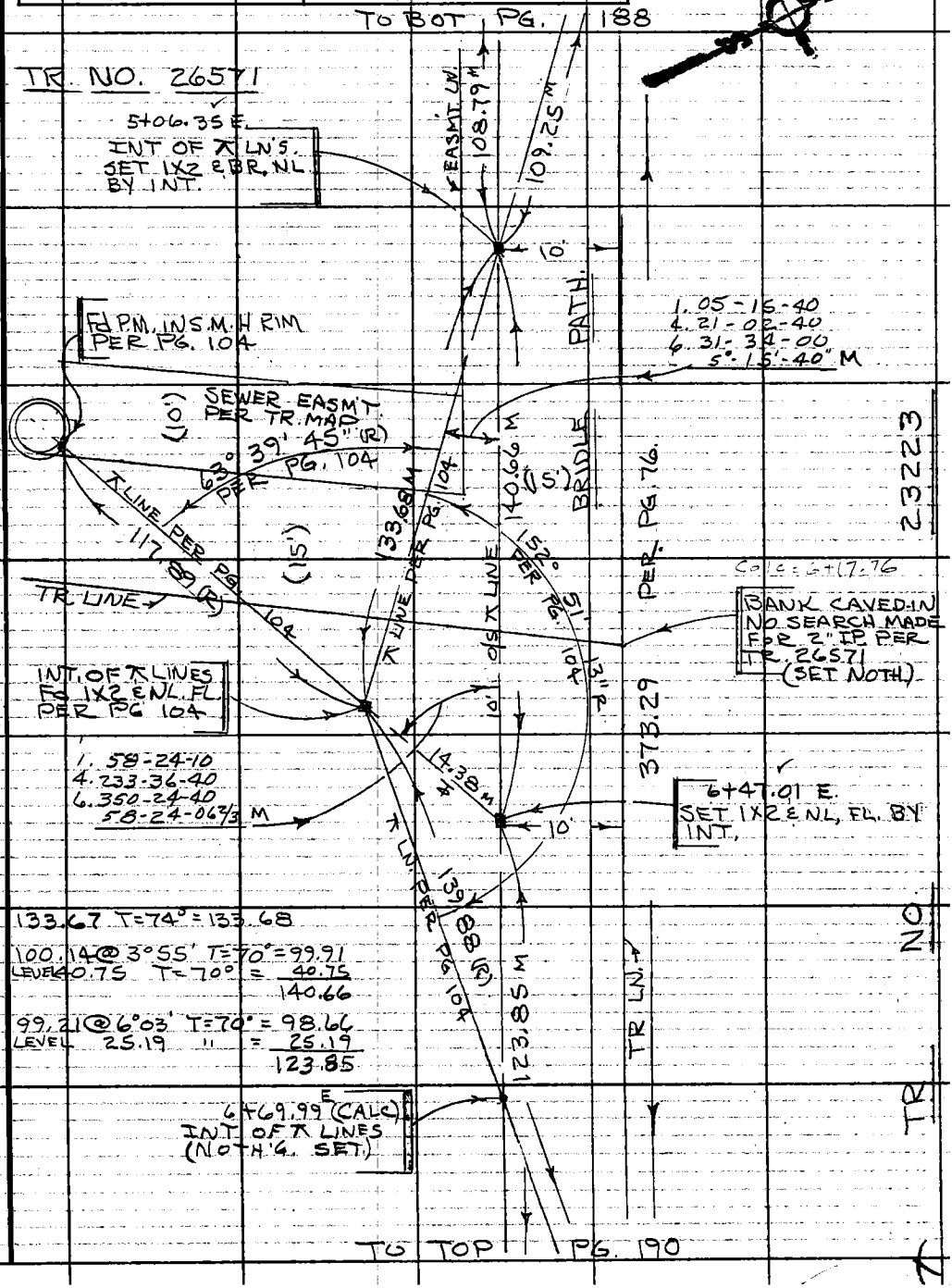
PWFB 0317 511

Notes Ck'd by J.F. MUNOZ	Survey of R.H.E. S.S DIST-5
Map No.	JN 3731.34 Tape 0257 Std 68 °F
Office Work	Surveyed by J. BAZEN
Checked	Notes J.J.B. Date 11-27-72
Date 12/5/72	Indexed G. D. BAILEY DEC 6 1972

F. B. ~~3919~~ Pg. ~~189~~



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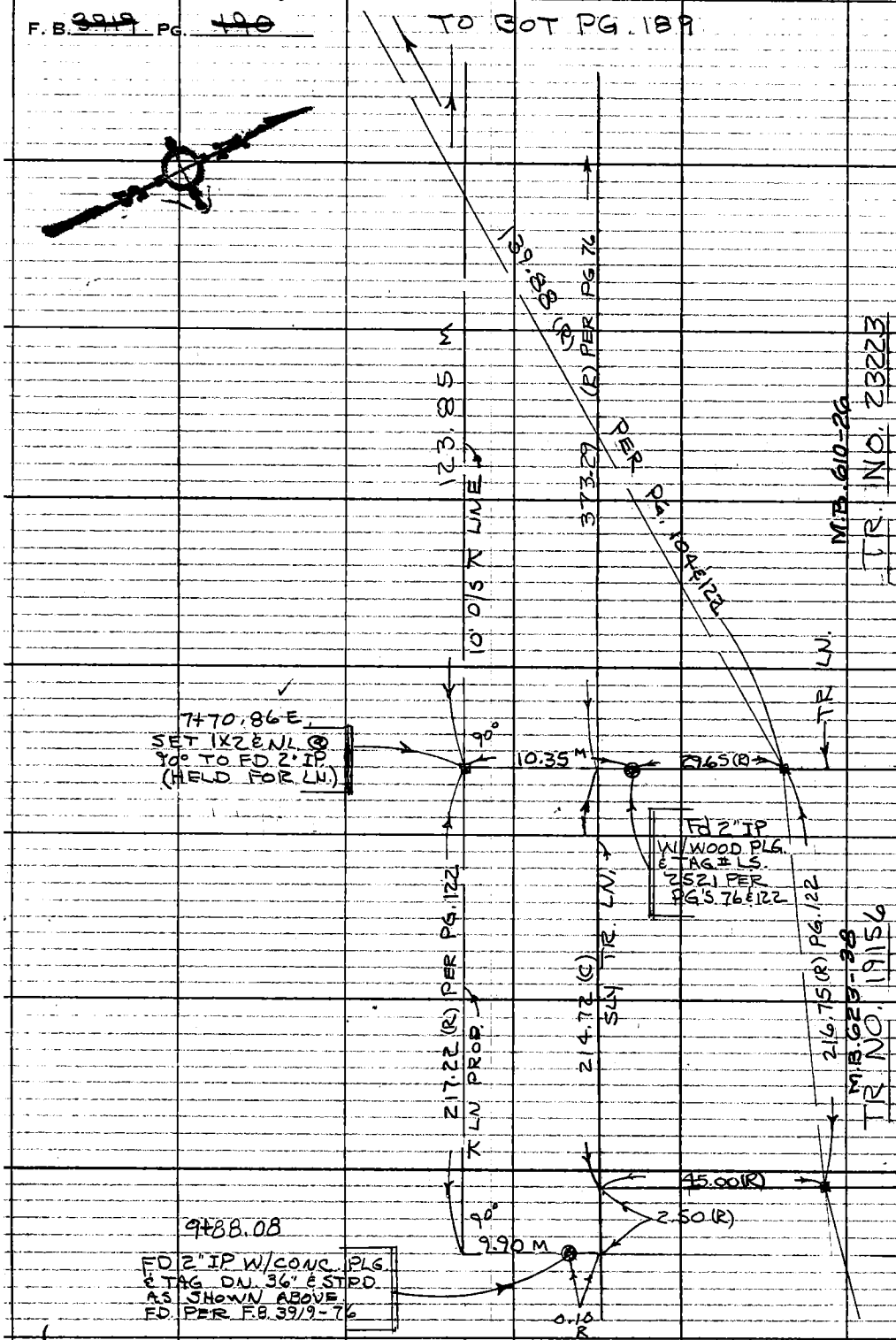
76F309S CE#310 3-69

PWFB 0317 512

F. B. ~~3919~~ PG. ~~190~~



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Notes Ck'd by	Survey of R.H.E. SS DIST-5
Map No.	JN 3731.34 Tape 0257 Std 68 °F
Office Work	Surveyed by J. BAZEN
Checked	Notes J.J.B. Date 11-28-72
Date	Indexed G. D. BAILEY DEC 6 1972

F. B. 3919 Pg. 191

J.N. 3731.34

ROLLING HILLS ESTATES S.S. DIST#5

(PUMP STATION SERVICE RD.)

TOPO. SURVEY

PG'S -191 - 196

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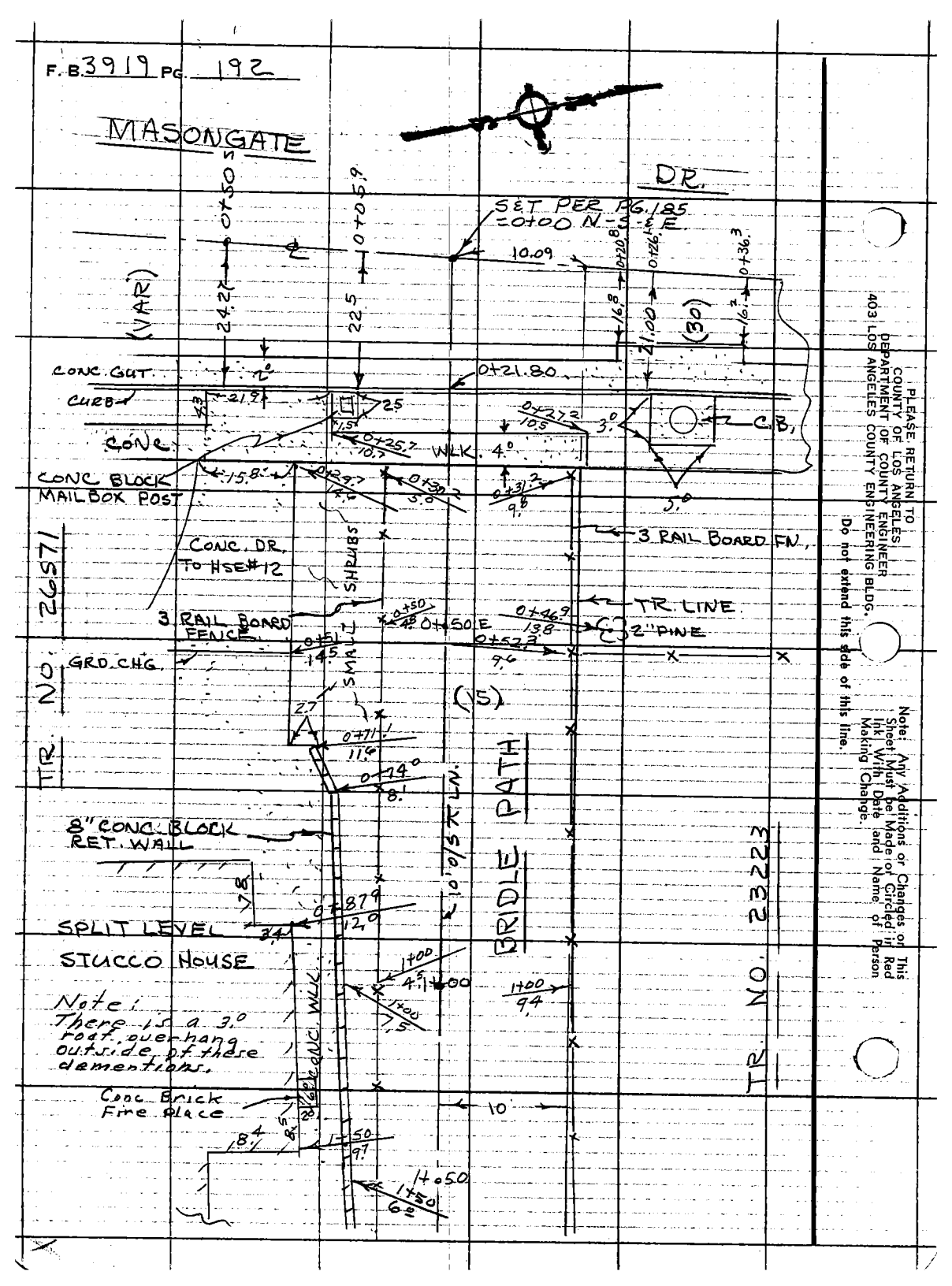
PARTY

J. BAZEN
E. SHOEMAKER
J. STROUD
R. CLIFFORD

76F309S CE#310 3-69

F.B. 3919 PG. 192



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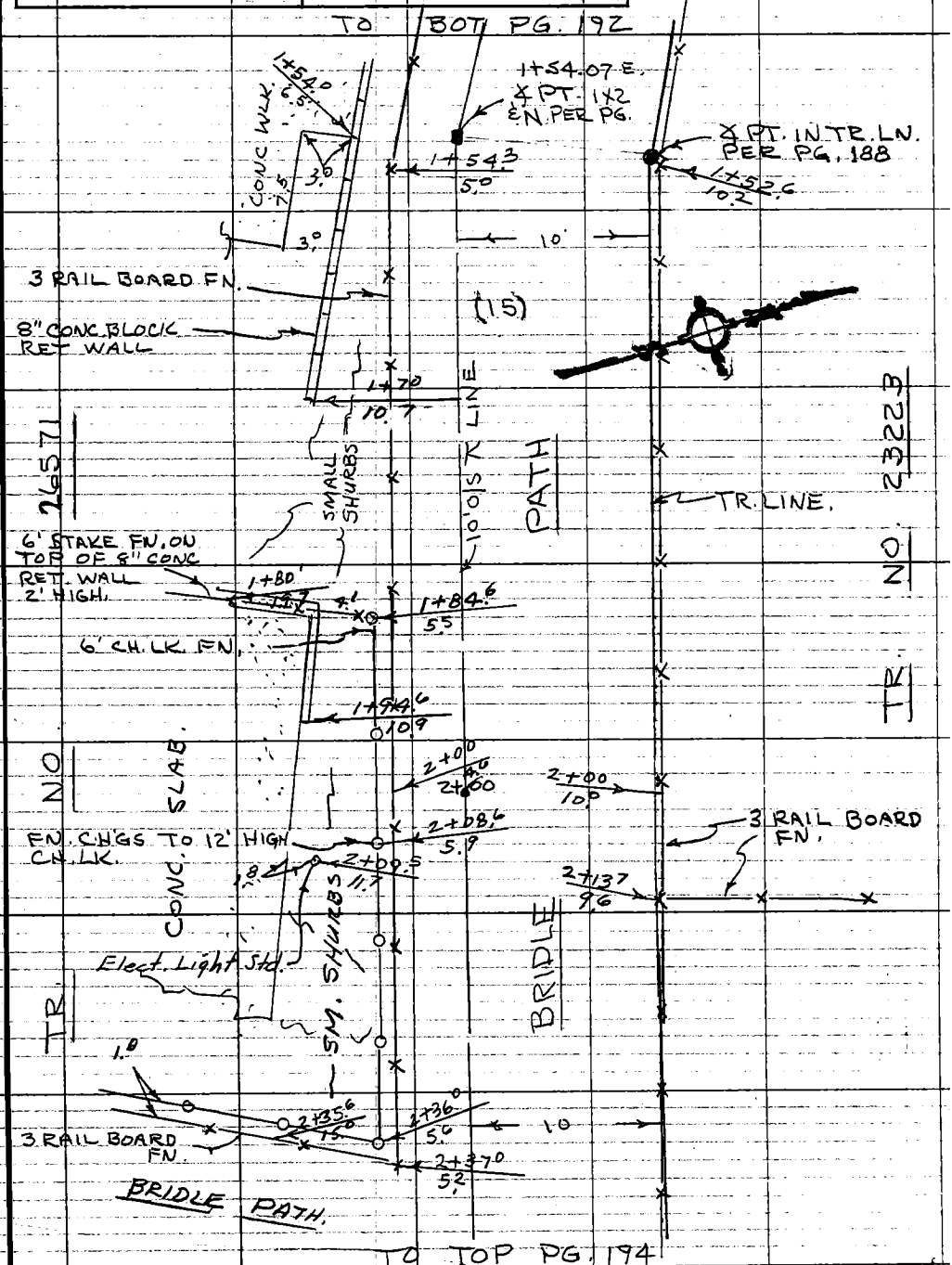
Notes Ck'd by	Survey of R.H.E S.S. DIST-5
Map No.	JN 3731.34 Tape 0257 Std 68 °F
Office Work	Surveyed by J. BAZEN
Checked	Notes J.J.B. Date 11-28-72
Date	Indexed G. D. BAILEY DEC 6 1972

F. B. 3919 PG. 193



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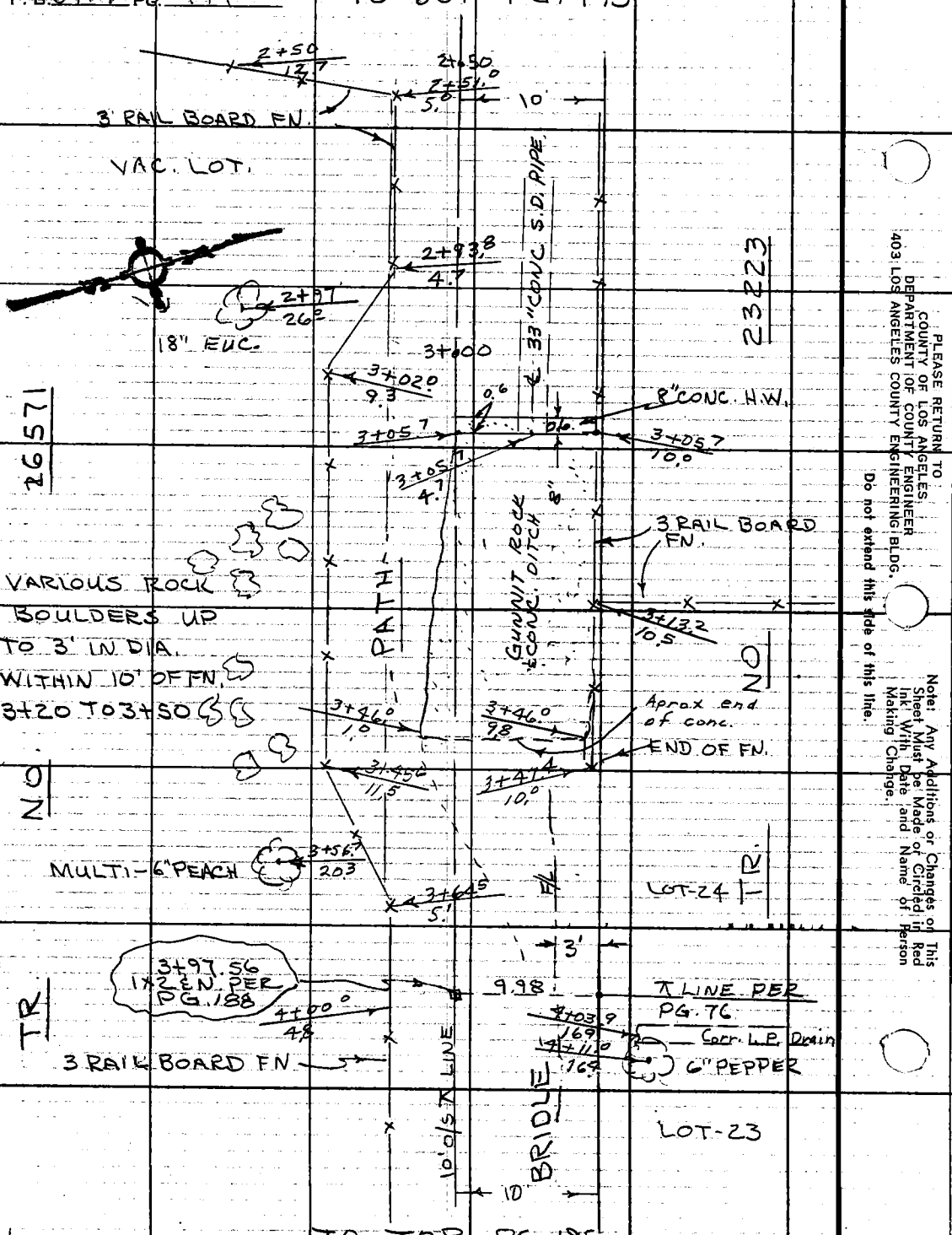
16571

76F309S CE#310 3-69

F.B. 3919 Pg. 194

TO BOT PG. 193



TO TOP PG. 195

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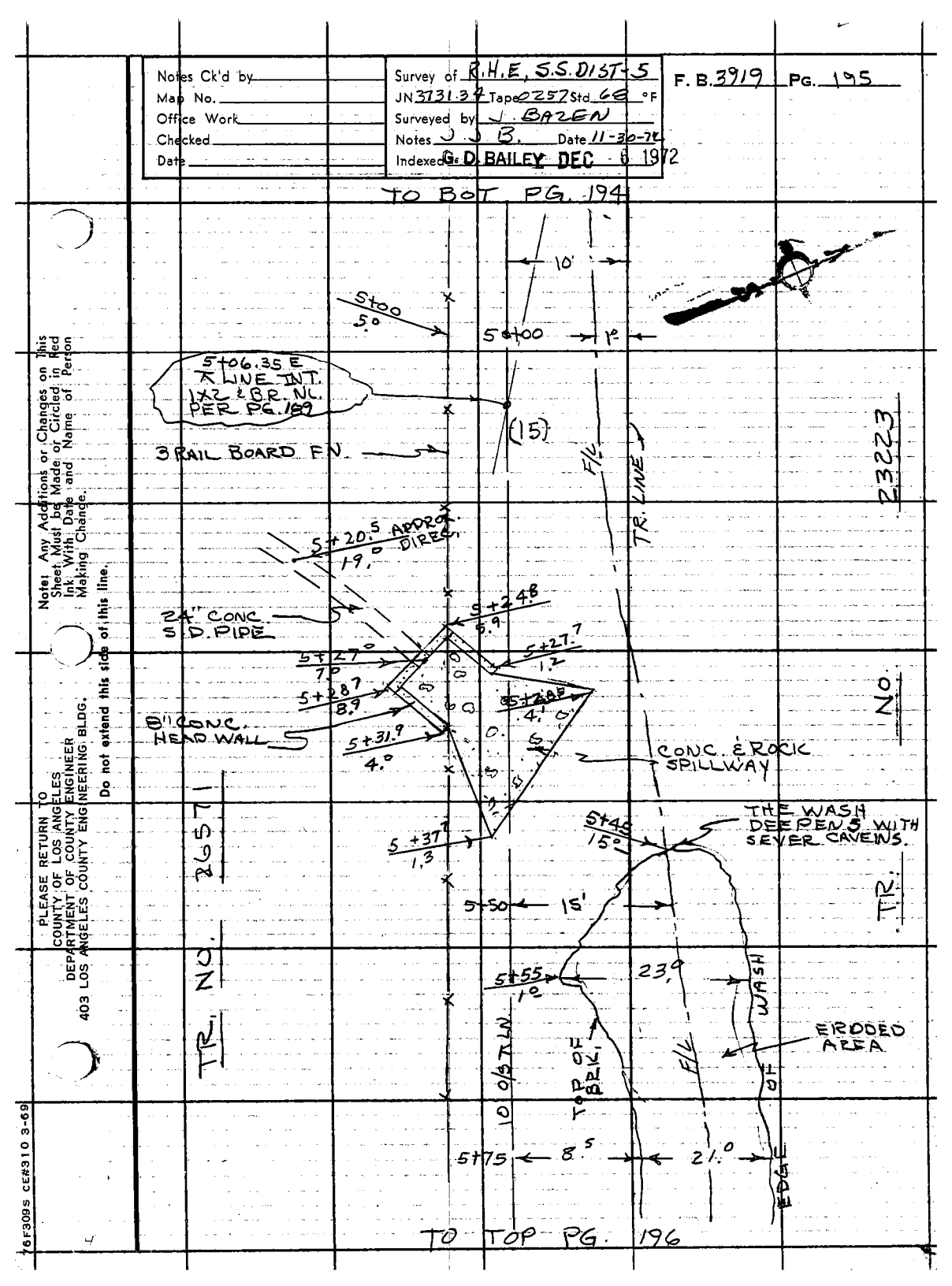
Map No.	JN 3731.34 Tape 0257 Std. 68 °F
Office Work	Surveyed by J. BAZEN
Checked	Notes J. J. B. Date 11-30-72
Date	Indexed G. D. BAILEY DEC 6 1972

F. B. 3919 Pg. 195

TO BOT PG. 194



TO TOP PG. 196

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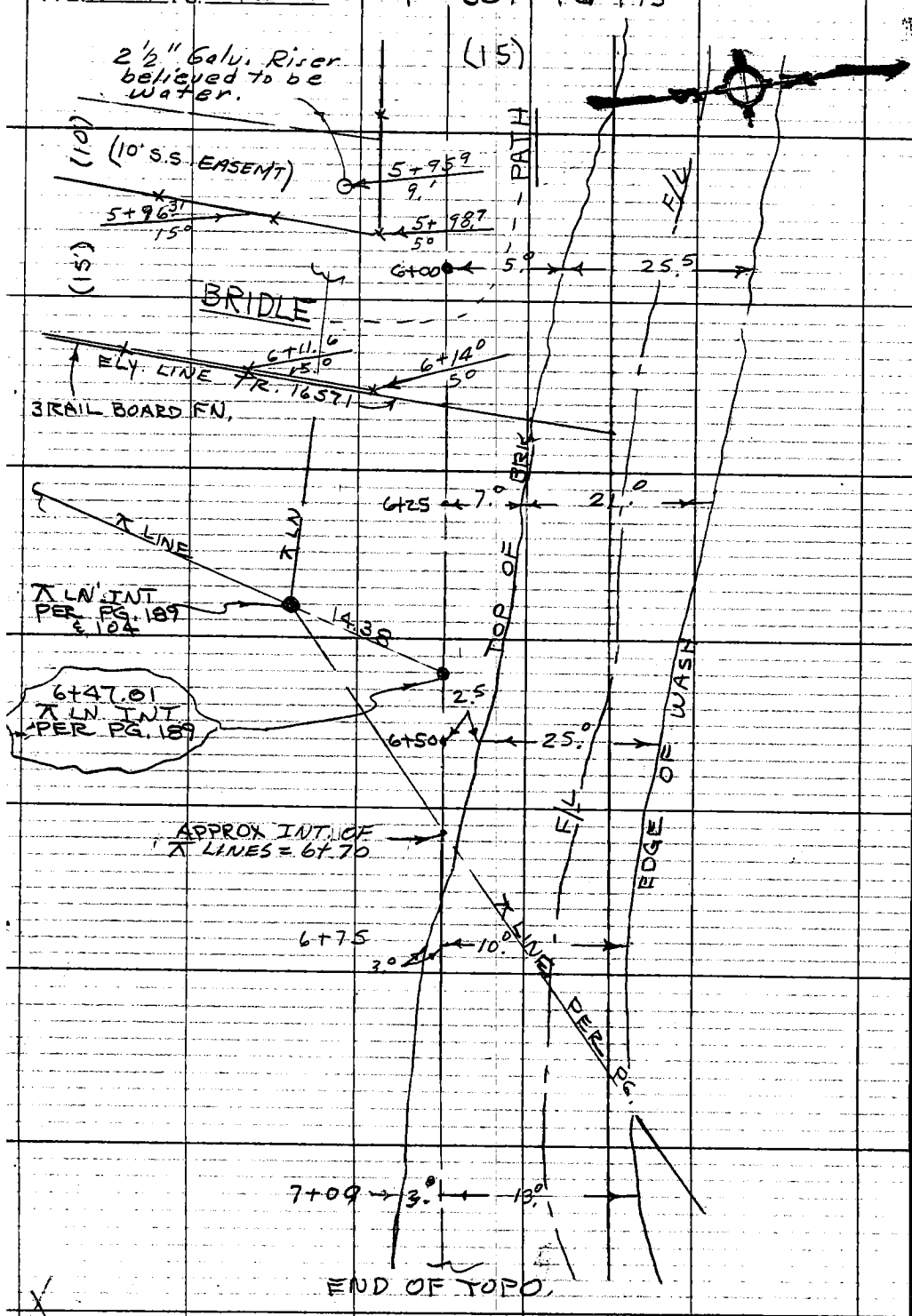
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3919 PG. 196

TO BOT PG 195



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F. B. 3913 PG. 197

Profile No. | Notes Red | Plotted | Job No. 3731.34 Division No. 11
Date | Date | Survey of R.H.E. S.S DIST #5
X-Sec. No. | Notes Chk'd. | Checked | Survey by J. BAZEN Notes J.J.B. Date 11-29-72
Date | Date | Map No. | Indexed D. BAILEY Date DEC 6 1972

J.N 3731.34

ROLLING HILLS ESTATES S.S. DIST. #5

(PUMP STATION SERVICE RD)

X-SECTION SURVEY

(PAGES 197 - 208)

(USED LENKER ROD)

STATION	B. S.	H. I.	F. S.	ELEV.
	PARTY			
	J. BAZEN			
	E. SHOEMAKER			
	L. STROUD			
	R. CLIFFORD			

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403 Los Angeles County Engineering Bldg.

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. F.H. 2				426.08	B.M. F.H. 2 ELEV = 426.084 PER F.B. 3919-25
					MASONGATE DR. & FERNCREEK DR., FD. SM.
					BT. SPK IN W. cb., 5' SLY OF FERNCREEK ℄ PROD.
GOING N. ON ℄ MASONGATE FROM 10' O/S LINE.					
					RT. & E. ONLY
0+00				427.64	℄ & 10 O/S ⊼ LN. INT.
0+20 8				427.13	16 8 RT. edge S.D. APRON
"				426.96	19 0 " " OF GUT.
"				426.78	21 0 " BOT cb.
"				427.40	21 0 " T. cb.
0+26 1				426.41	21 0 F/L OF GUT @ C.B.
0+36 3				427.20	℄ PVT.
"				427.16	10 5 1/4 PVT.
				427.00	16 2 edge S.D. APRON
				426.80	18 3 edge of GUT.
				426.65	20 2 BOT cb.
				427.26	20 2 T. cb
				427.6	25' Toe slope
				429.3	30' P/L

NOTE: C.B. FULL OF MUD - UNABLE TO GET F/L OF PIPES

F. B. 3919 Pg. 198 Job No. 3731.34 Division No. 11 Notes Red Plotted Profile
Survey of R.H.E. SS. DIST-5 Date Date No.
Survey by J. BAZEN Notes J.J.B. Notes Chk'd. Checked X-Sec.
Indexed G.D. BAILEY Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No 373634 Division No. 11
No. ____ Date ____ Date ____ Survey of R.H.E. S.S. DIST #5
X-Sec. Notes Chk'd. ____ Checked ____ Survey by BAZEN Notes J.J.B. Date 11-29-72
No. ____ Date ____ Date ____ Map No. ____ Index Co. D. BAILEY Date DEC 6 1972

F. B. 3919 PG. 199

STATION	B. S.	H. I.	F. S.	ELEV.	
GOING S. ON ℄ MASON GATE					LT. & RT. (ONLY)
0+00				427.64	℄ ℄ 10.0/S K LINE INT.
0+25				428.17	℄ PROFILE
0+50				428.98	℄
11				428.95	12' 1/4 PVT.
11				428.57	22 3/4 cd. OF GUT.
11				428.41	24 3/4 BOT. Curb.
11				429.05	24 3/4 T. "
11				429.22	33 3/4 BK. OF WLK.
GOING, E. ON	10'0/S K LINE				LT. & N. K RT. & S.
0+00				427.64	℄ ℄ 10.0/S K LINE INT.
0+11				427.54	K 1/4 PVT.
0+19 ±				427.10	K K cd. GUT.
0+21 ±				426.97	K K BOT. cb.
"				427.59	K Top cb.
0+25 ±				427.88	10' ± INT. WLK & DR.
0+27 ±				427.60	10 1/2 COR. OF WLK. (UNDER 3" OF FILL)
0+29 ±				428.04	14 ± BK. OF WLK @ DR
0+30 ±				428.7	K DIRT FILL ON WLK.
11 ±				427.88	5' ± TOE FILL-BK. OF WLK
0+31 ±				427.64	10 1/2 COR OF WLK (UNDER 12" OF FILL)

76-L-298 CE 307 5-66

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Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Notes Red ____ Date ____ Notes Chk'd ____ Date ____ Checked ____ Date ____

Job No 3731.34 Division No. 11

Survey of R.H.E. S.S. DIST #5

Survey by BAZEN Notes J.J.B.

Indexed by D. BAILEY

F.B. 3713 PG. 200

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LT & N.	RT. & S.
CONT. GOING E. ON 10'O/S ℄ LINE						
0+31 E				428.8	10' INT. P/L's	
0+43'				432.1		2' TOE OF BRK
"				433.9		5' R/W TOP OF BRK
0+50				433.6		2' TOE " BRK
"				435.0		5' R/W TOP OF BRK
"				434.0	7' TOE OF BRK,	
				434.4	10' P/L TOP "	
				435.0	20' GRD.	
0+51 L				432.61		14 E ed OF DR, & TOE OF SLOPE
0+75±				436.2		4' bOT. BRK.
				436.6		5' TOP "
				436.3		8' GND. @ WALL
				437.51		8' TOP "
				433.11		9' BOT. WALL (conc)
				436.6	10' P/L	
				436.3	20' GND.	
1+00				437.2		3' BOT BRK
				437.6		5' R/W TOP "
				437.0		15 GND. @ WALL

76-L-298 CE 307 5-66

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403 Los Angeles County Engineering Bldg.

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Profile Notes Red ____ Plotted ____ Job No. 373134 Division No. 11 F. B. ____
No. ____ Date ____ Date ____ Survey of R.H.E. S.S. LIST #5 Pg. 201
X-Sec. Notes Chk'd ____ Checked ____ Survey by BRAEN Notes J.J.B. Date 11-29-72
No. ____ Date ____ Date ____ Map No. ____ Index A. D. BAILEY Date DEC 6 1972

STATION	B. S.	H. I.	F. S.	ELEV.	LT. & N.	RT. & S.
CONT- E. ON 10'O/S ℄ LINE						
1+00				437.56		7' TOP WALL
"				432.56		12' BOT " (CONC)
"				437.2	10' P/L	
"				437.2	20' GND.	
1+70				437.1		℄
"				437.0		5' R/W TOP OF BRK
"				435.2		10' GND @ WALL
				437.65		10' TOP "
2+00				434.1		5' R/W
				434.3		0' GND.
				434.43		5' CONC. SLAB
				434.1	10' P/L	
				433.6	20' GND.	
2+28				431.5		2' GND.
"				434.0		10' " TOP BRK
2+37				430.4		℄
"				430.8		10' GND
2+50				428.7		5' R/W
"				429.7		15' GND.
℄ "				429.1		25' "

76-L-298 CE 307 5-66

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F. B. 3919 PG. 202 | Job No. 373134 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of R.H.E. S.S. DIST #5 Date ____ No. ____ X-Sec. ____
Survey by BAZEN Notes J.J.B. Notes Chk'd. ____ Checked ____
Indexed G.D. BAILEY Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	LT. ℄ N.	℄	RT. ℄ S.
CONT. E. ON 10' O/S ℄ LINE.							
2+50				428.2	10' P/L		
				427.4	20' GND.		
2+70 (BRK)				425.4			5' R/W
"				424.9	10' P/L		
				424.3	20' GND.		
3+00				417.6			7' BOT BRK
				418.7			12' TOP "
				417.5			19' BOT BRK.
				418.4			25' GND.
				417.4	9' TOE FILL		
				422.5	15' TOP "		
3+05				416.4			℄ GND.
3+05.7				415.74			℄ TOP H.W. & SWALE.
				412.58	47' F/L 33" D PIPE & F/L CONC DITCH.		
				417.14	10' TOP CONC. H.W.		
3+06				415.80	10' " " " SWALE & TOE SLOPE		
3+25				412.70			0' TOP CONC SWALE
				411.17	1.8' BOT CONC SWALE		
				411.31	6.7' " " "		
				413.32	10' TOP " "		

76-L-298 CE 307 5-66

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Profile Notes Red____ Plotted____ Job No 3231.34 Division No. 11
No.____ Date____ Date____ Survey of R.H.E. 35, DIST. #5
X-Sec. Notes Chk'd.____ Checked____ Survey by J.J.B. Notes J.J.B. Date 11-30-72
No.____ Date____ Date____ Map No.____ Index G.D. BAILEY Date DEC 6 1972

F. B. 3919 PG. 203

STATION	B. S.	H. I.	F. S.	ELEV.	LT. ℄ N.	℄	RT. ℄ S.
CONT'D E. ON 10' O/S ℄ LINE							
3+25				415.39	20' GND.		
3+46				410.49			1% TOP CONC SWALE
)				410.5	5' TOP OF GND.		OVER F/L OF "
)				410.47	9% TOP OF CONC. SWALE		
3+50				410.3		℄	
				410.7			10' TOE SLOPE
				412.5			15' GND.
				414.6			25' "
				409.9	5' F/L DITCH		
				410.4	10' P/L		
				412.5	20' GND.		
3+65				409.3			5' TOE SLOPE
"				411.2			15' GND.
4+00				407.6		℄	
				407.7			7' TOE SLOPE
				409.8			15' GND
				411.7			20' TOE OF NEW FILL
				407.5	7' F/L DITCH		
				408.0	10' P/L		
				409.0	20' GND.		

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F. B. 3917 PG. 204 | Job No. 373134 Division No. 11 | Notes Red | Plotted | Profile
Survey of R.H.E. S.S. DIST. #5 | Date | Date | No.
Survey by BAZEN Notes J.S.B. | Notes Chk'd. | Checked | X-Sec.
Indexed G.D. BAILEY | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LT. & N.	℄ RT. & S.
CONT: E. ON 10'0/S ℄ LINE						
4+25				406.9		℄
				407.0		5' TOE SLOPE
				410.2		15' GND.
				411.5		25' "
4+50				406.3		4' TOE SLOPE
				408.8		15' GND
				410.0		25' "
				405.8	9' F/L DITCH	
				406.0	10' P/L	
				406.1	17.5 TOE SLOPE	
5+00				406.5		5' GND
				407.5		15' GND
				408.4		25' "
				405.9	2.5' BRK.	
				404.7	11' F/L DITCH	
				405.4	15' TOE SLOPE	
5+25				405.2		℄
"				405.6		3' TOE OF BRK
"				407.5		6' TOP " "
"				407.5		15' GRND.

76-L-298 CE 307 5-66

4042-S

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Profile Notes Red ____ Plotted ____ Job No. 3731.34 Division No. 11
No. ____ Date ____ Date ____ Survey of E.W.E. S.S. DIST. #5
X-Sec. Notes Chk'd. ____ Checked ____ Survey by BRAZEN Notes J.J.B. Date 11-30-72
No. ____ Date ____ Date ____ Map No. ____ Index & D. BAILEY Date DEC 6 1972

F. B. 3919 PG. 205

STATION	B. S.	H. I.	F. S.	ELEV.	LT. & N.	℄	RT. & S.
CONT: E. ON 10' O/S ℄ LINE							
5+25				407.8			25' GRD.
"				408.5			35' "
5+27[0]				404.54			7' F/L 24" DI PIPE
				408.17			7' TOP CONC. H.W.
5+27[7]				404.36			12' TOP OF SLOPING H.W.
5+28[5]				404.19	4' COR. OF CONC. SPILLWAY		
5+31[9]				404.33			4' TOP OF " "
5+37[7]				404.14			13' COR. CONC. S.P.W.AY.
"				404.8			3' TOE OF BRK
"				405.7			4' TOP " "
5+45				402.9	15' TOP OF FALLS		
5+50				403.3		℄	BOT BRK
				404.7			5' TOP "
				405.2			15' GND.
				406.0			25' "
				406.7			35' "
				403.0	3' EDGE OF CAVAIN.		
				399.1	4' BOT " "		
				398.3	15' F/L OF DITCH		BOT STEEP SLOPE
				405.9	25' SIDE SLOPE		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LT. & N. ⊼ RT. & S.
CONT: E. ON 10' O/S ⊼ LINE					
5+55				403.2	1° TOP edge CAVEIN
				400.1	1° BOT "
5+75				402.0	2° TOE BRK.
				403.2	5° TOP "
				403.2	15' GND
				404.0	25' "
				405.4	35' "
				401.7	8° TOP OF STEEP BANK
				391.3	19' F/L WASH.
				393.0	24' BASE OF VERTICL BANK
6+00				401.2	5' BRK.
				401.9	15 GND.
				402.9	25' "
				403.8	35' "
				400.6	5° TOP OF STEEP BANK
				388.0	17° F/L WASH.
				394.6	30° BASE OF VERTICAL BANK
6+02				400.2	⊼ BRK
6+25				398.0	5' GND
"				400.0	15' "

F. B. 3717 PG. 206 | Job No. 3731.34 | Division No. 11 | Notes Red | Plotted | Profile
Survey of R.H.E. S.S. DIST. #5 | Date | Date | No.
Survey by BAZEN | Notes J.J.B. | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY | Date | Date | Date | No.

76-L-298 CE 307 5-66

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Profile Notes Red ____ Plotted ____ Job No. 3731.34 Division No. 11
No. ____ Date ____ Date ____ Survey of R.H.E. S.S. Dist #5.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Bazen Notes Bazen Date 12-1-72
No. ____ Date ____ Date ____ Map No. ____ Index C. D. BAILEY Date DEC 6 1972

F. B. 3919 Pg. 207

STATION	B. S.	H. I.	F. S.	ELEV.	LT. & N.	& RT. & S.
CONT: E ON 10'0/S ℄ LINE						
6+25				401.3		25' GND
				402.7		35' "
				395.5	7' edge OF BANK	
				385.2	18' F/L WASH	
				385.8	25 BASE OF VERTICAL BANK	
6+50				398.3		13' GND
				400.2		25' "
				392.7	2 TOP OF BANK	
				383.4	16' F/L OF WASH	
				384.5	22.5 BASE OF NEAR VERTICAL BANK	
				397.8	31.5 TOP OF VERTICAL BANK - TOC OF SLOPE	
6+75				392.1		3 TOP OF BANK
				396.4		15 GND
				399.4		25 "
				382.2	5' F/L WASH	
				382.6	10' TOC OF SLOPE	
				388.7	20' SIDE " "	
				392.8	30' " " "	
7+00				392.0		3' TOP OF BANK
				381.8	4' F/L OF WASH	

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Profile ____ Plotted ____ Notes Red ____ Division No. 11 Job No. 3731.34
X-Sec. ____ No. ____ Date ____ No. ____ Date ____ Notes Chk'd. ____ Checked ____ Date ____ Date ____
Survey of RALE SS Dist #5
Survey by Bazen Notes Bazen
Indexed by D. BAILEY
Pg. 5111 Pg. 208

STATION	B. S.	H. I.	F. S.	ELEV.	LT. & N	RT & S.
CONT. E. ON ℄ LINE				10'd/s		
7+00				381.1	13' TOE OF SLOPE	
				385.0	20' SLOPE 1 "	
				392.0	30' " " "	
7+25				388.1		℄ & side slope.
				384.4	6.5 L Top brk.	
				380.5	13' L Bot "	
				379.1	18.5 L F/L of wash.	
				380.8	22' L Bot brk.	
				386.1	25.5 L Brk.	
				393.5	35 L Side slope	
7+50				385.6		℄ & side slope
				384.1	4.5 L Top brk.	
				378.2	10.5 L Bot "	
				378.1	18' L F/L of wash.	
				379.0	22.5 L Bot brk.	
				385.8	27' L Top brk.	
				386.3	31' L Brk & Toe of slope.	
				389.2	35' L Side slope.	
Fd. BM-FH-10				408.39	BM FH-10 El 408.379 FB 3919-29 Spk in conc of 4x6' Conc. S.D. ditch end.	

NOTES RED. JOB NO. 0301.02 SURVEY OF S.S. DIST. #5 F.B. PG. 209

DATE SURVEY BY W. A. RICHARDS

NOTES CHKD. NOTES BY W.A.R. DATE 11-22-76

DATE INDEXED H. HOLMAN DATE JUL 12 1979

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

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						J.N. 0301.02 BENCH LEVELS FOR ROLLING HILLS ESTATES S.S. DIST. # 5 PALOS VERDES AREA BASED ON PRECISE LEVEL LINE # 49 (L.A.CO.ENGR.) REF: FB. 3919-19 TO 42, INC. LEVEL N1-2 LOVAR RODS #19, #20.
				RICHARDS MOODY TURRILL BUSTRUM		

76540 S & E-353 4-54

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO 0301.02 SURVEY OF S.S.O. DIST. # 5 NOTES RED
SURVEY BY W.A. RICHARDS DATE
NOTES BY W.A.R. DATE 11-22-76 NOTES CHKD.
INDEXED DATE DATE

F.B. 11 PG. 210
2

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(FD)		✓				
B.M. FH-22	402.482					BM FH-22 ELEV. = 402.482 FB. 3919-41
+	1.919		1.941			HIDDEN VALLEY RD., W. SIDE, 0.25 MI,
℄	404.401	-6.239	6.238			N'ELY FR. PALOS VERDES DR. N,
−	8.158		8.179			BT. SPK. IN CB, 2° S/O DR. TO #0, #37
T.P.	396.243	✓				—
+	3.424		3.462			
℄	399.667	-3.868	3.868			
−	7.292		7.330			
T.P.	392.375	✓				—
+	4.506		4.539			
℄	396.881	-1.801	1.801			
(FD.)	− 6.307		6.340			
BM FH-11	390.574	✓			390.577	BM FH-11 ELEV. = 390.577 FB. 3919-30
+	5.170		5.222			HIDDEN VALLEY RD., N.E'LY END.
℄	395.744	-6.382	6.380			BT. SPK. IN C.B., 1.° W/O E'LY END,
−	11.552		11.602			
T.P.	384.192	✓				—
+	0.272		0.243			
℄	384.464	-11.549	11.549			
−	11.821		11.792			
T.P.	372.643	✓				—
+	0.270		0.415			
℄	372.913	-11.380	11.378			
−	11.650		11.793			
T.P.	361.263	✓				—
+	0.627		0.691			
℄	361.890	-10.900	10.899			
−	11.527		11.590			
T.P.	350.363	✓				—

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED _____ JOB NO. 0301.02 SURVEY OF S.S. 01ST. # 5
DATE _____ SURVEY BY W. A. RICHARDS
NOTES CHKD _____ NOTES BY W. A. R. DATE 11-22-76
DATE _____ INDEXED L. L. HOLMAN DATE JUL 12 1977

F.B. 3919 PG. 211

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(CONT)						
T.P.	350.363					—
+	1.020		1.140			
≠	351.383	-10.312	10.311			
—	11.332		11.451			
T.P.	340.051					—
+	0.398		0.530			
≠	340.449	-9.530	9.530			
—	9.928		10.060			
T.P.	330.521					—
+	0.400		0.272			
≠	330.921	-11.484	11.486			
—	11.884		11.758			
T.P.	319.037					—
+	0.592		0.911			
≠	319.629	-10.303	10.304			
—	10.895		11.215			
T.P.	308.734					
+	0.275		0.594			
≠	309.009	-7.023	7.025			
(SET) —	7.298		7.619			
B.M. F.H. 23	301.711					BM FH. 23 ELEV.= FB. 3919-211
+	3.863		3.658			RAIL FENCE ALONG ELY. R. HO. # 59
≠	305.574	-7.884	7.884			45' ± S/O N. W. COR. OF FENCE
—	11.747		11.542			BT. SAK. IN TOP OF 4" X 4" POST.
T.P.	293.827					—
+	0.532		0.770			
≠	294.359	-9.430	9.430			
(SET) —	9.962		10.200			
BM FH. 24	284.397					BM FH 24 ELEV.= FB. 3919-211

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM FH. 24	284.397	✓				CONT.
+	0.830	✓	0.885			RAIL FENCE ALONG ± WLY. PL. HO. # 62
⊼	285.227	-9.043	9.043			BT. SPK. IN TOP OF 4" X 4" POST,
−	9.873		9.928			15' ± S/O N. E. COR. RAIL FENCE
T.P.	275.354	✓				—
+	2.389	✓	2.440	2.328		
⊼	277.743	-8.662	8.671	8.672		
(SET) −	11.051		11.111	11.000		
BM FH 25	266.692	✓				B.M. FH. 25 ELEV. = FB. 3919-212
+	10.855	✓	11.059			NAIL IN CONC. BOT. CONC. HDWL,
⊼	277.547	+5.127	5.129			OF MAIN DRAINAGE CHANNEL INLET S.D.
(SET) −	5.728		5.930			THRU DUMP AREA
BM FH. 26	271.819	✓				B.M. FH. 26 ELEV. = FB. 3919-212
+	6.880	✓	7.084			L. & C.E. TAG TOP N-W. WING WALL
⊼	278.699	+1.090	1.089			OF CONC. HDWL., 0.2 S/O N. END.
−	5.790		5.995			
T.P.	272.909	✓				—
+	11.825	✓	11.750			
⊼	284.734	+9.460	9.463			
(SET) −	2.365		2.287			
BM FH. 27	282.369	✓				B.M. FH. 27 ELEV. = FB. 3919-212
+	1.518	✓	1.524			3" BT. SPK. IN 4" X 4" COR. F.P. @
⊼	283.887	-0.962	0.963			N.W. COR. RAIL FENCE @ LOT # 59
−	2.480		2.487			
T.P.	281.407	✓				—
+	11.913	✓	11.885			
⊼	293.320	+7.160	7.158			
−	4.753		4.727			
T.P.	288.567	✓				—

NOTES RED ____ DATE ____
NOTES CHKD ____ DATE ____
JOB NO. 0301.02 SURVEY OF S.S. DIST. #5
SURVEY BY W. A. RICHARDS
NOTES BY W. A. R. DATE 11-22-76
INDEXED ____ DATE ____
F.B. ____ PG. 212
4

765420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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6+14.7

Do not extend notes this side of this line

NOTES RED _____ JOB NO. 0301.02 SURVEY OF S.S. DIST. #5
DATE _____ SURVEY BY W.A.R. & RICHARDS
NOTES CHKD _____ NOTES BY W.A.R. DATE 11-22-76
DATE _____ INDEXED K.H. HOLMAN DATE JUL 12 1979

F.B. _____ PG. 213
5

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	288.567 ✓					—
+	11.655 ✓		11.466			
℄	300.222	+ 4.799	4.800			
(SET) −	6.856	✓	6.666			
B.M. F.H. 28	293.366					B.M. F.H. 28 ELEV.= FB. 3919-213
+	10.590		10,645			L. & C.E. TAG IN ROCK ON & PROPOSED
℄	303.956	+10.110	10,112			SEWER, PROD. W'LY 55' FROM STA.
−	0.480	✓	0.533			
T.P.	303.476 ✓					—
+	10.098 ✓		9.969			
℄	313.574	+ 7.032	7.031			
(SET) −	3.066 ✓		2.938			
B.M. F.H. 29	310.508					B.M. F.H. 29 ELEV.= FB. 3919-213
+	11.535 ✓		11.564			L. & C.E. TAG IN ROCK (ENGLISH)
℄	322.043	+11.185	11.184			78' E. OF TR. & PT.
−	0.350 ✓		0.380			
T.P.	321.693 ✓					—
+	9.460 ✓		9.465			
℄	331.153	+9.065	9.067			
−	0.395 ✓		0.398			
T.P.	330.758 ✓					
+	11.891 ✓		11.789			
℄	342.649	+11.548	11.549			
−	0.343 ✓		0.240			
T.P.	342.306 ✓					
+	10.440 ✓		10.320			
℄	352.746	+ 8.912	8.911			
(SET) −	1.528 ✓		1.409			
B.M. F.H. 30	351.218 ✓					BM FH 30 ELEV.= FB. 3919-213,214

76S420 S & E-353 4-54

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NOTES RED
DATE
NOTES CHKD
DATE

JOB NO 0301.02 SURVEY OF SS. 01ST. #5
SURVEY BY W. A. RICHARDS DATE 11-22-76
NOTES BY W. A. R. DATE
INDEXED DATE

F.B. 1 Pg. 214

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM FH.30	351.218 ✓					3" BT SPK. IN 4" GUM TREE ON SLY SIDE OF WASH OPP. HO.# 25919 ON CHALMETTE LANE
+	4.430 ✓		4.361			
⇈	355.648	+3.775	3.772			
−	0.655		0.589			
T.P.	354.993 ✓					
+	11.823 ✓		11.885			
⇈	366.816	+11.564	11.565			
−	0.259		0.320			
T.P.	366.557 ✓					
+	11.734 ✓		11.598			
⇈	378.291	+11.419	11.418			
−	0.315		0.180			
T.P.	377.976 ✓					
+	7.470 ✓		7.494			
⇈	385.446	+1.360	1.363			
(F.D.) −	8.830		8.857			B.M. FH. 9 ELEV. = 376.775 FB. 3919-28 CHALMETTE LANE, 150' ± S/O S. END BEHIND HO.# 25919, S.E. COR. OF HORSE CORRAL. BT SPK. IN 4" X 4" COR. F.P. UP 8" FROM CONC. BASE
B.M. FH.9	376.616 ✓					
+	1.195 ✓		1.075			
⇈	377.811	-3.630	3.625			
(SET) −	4.825		4.700			B.M. FH.31 ELEV. = [illegible] FB. 3919-214 TOP CAP OF 2" I.P. F.P. AT N. ELY END OF CONC. HOWL FOR 18" S.D.
B.M. FH. 31	372.986 ✓					
+	4.085 ✓		4.000			
⇈	377.071	+3.960	3.461			
−	0.625		0.539			
T.P.	376.446 ✓					
+	10.319 ✓		10.348			
⇈	386.765	+10.130	10.132			
−	0.189		0.216			
T.P.	386.576 ✓					

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO. 0301.02 SURVEY OF S.S. - 0157,
DATE _____ SURVEY BY W.A. RICHARDS
NOTES CHKD _____ NOTES BY W.A.R. DATE 11-22-76
DATE _____ INDEXED _____ DATE JUL 12 1979

F.B. 1 PG. 215

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	386.576 ✓					—
+	11.908 ✓		11.818			
=	398.484	+11.504	11.504			
−	0.404		0.314			
T.P.	398.080 ✓					—
+	10.708 ✓		10.580			
=	408.788	+10.205	10.205			
(F.D.) −	0.503 ✓		0.375			
B.M.F.H.10	408.285					B.M. F.H-10 ELEV.= 408.379 F.B. 3919-29 LATIGO LANE, 200'± N/O N.E. END 80'± N/O S.S. PUMP STA. C, 10' W/O WEST SIDE OF BRIDLE TRAIL. A BT. SPIKE IN CTR. OF 6'X6' CONC. S.D.
END OF DAY	" 11-22-76					
START "	" 11-23-76					
+	11.725		11.759			
=	420.010	+11.086	11.088			
−	0.639		0.671			
T.P.	419.371					—
+	11.837		11.941			
=	431.208	+11.594	11.593			
−	0.243		0.348			
T.P.	430.965					—
+	11.404		11.533			
=	442.369	+0.188	0.191			
−	11.216		11.342			
T.P.	431.153					—
+	0.307		0.358			
=	431.460	-5.074	5.074			
(F.D.) −	5.381		5.432			BM FH-2 ELEV.= 426.084 F.B. 3919-25 MASONGATE DR. W. SIDE FERNCREEK DR. BT. SPK. IN CB. S S/O ℄ PROD.
B.M.F.H.2	426.079					

PWFB 0318

602

Notes Ck'd by	Survey of R.H.E.S.S. DIST 5
Map No.	JN 3731.34 Tape 214 Std 84 °F
Office Work	Surveyed by J. BAZEN
Checked	Notes J.J.B. Date 11-22-76
Date	Indexed by B. HOLMA, JUL 1 2 1979

F. B. ~~3919~~ Pg. ~~217~~

J.N. 3731.34

ROLLING HILLS ESTATES

S.S. DIST. NO. 5

(ADDITIONAL SURVEY OF AREA WEST OF "DUMP AREA")

FOR INDEX SEE F.B. 3919-6

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

11-24-76
J. BAZEN
E. SHOEMAKER
D. PETERSON

16F309S CE#310 3-69

PWFB 0318

603

F.B. ~~3919~~ PG. ~~218~~

300' TAPE # — STD. 84°

148.88 @ 4°14' T=84° = 147.47
170.73 @ 13°53' " = 165.74
150.13 @ 14°15' " = 145.51
458.72 M

61.54 @ 13°35' T=86° = 59.82
215.09 @ 20°54' " = 200.92
74.60 LEVEL " = 74.60
335.34 C&M

198.70 @ 4°07' T=84° = 198.19
LESS - 74.60
123.59 C&M

210.05 @ 1°15' T=82° = 210.00 M

Fd 6"X6" CONC MON DN - 6" W/ NE P.E. TAG. #122 - PER F.B. 3919-18 & 119 (HELD)

5.00

S 12° 54' W

P.O.T. SET L&C.E. TAG IN CONC. H.W.

N 30° 11' E R&M 123.54 M

N 15° 33.45

INT - Fd NAIL IN CONC. APRON NO REF. 16+10

P.O.T. - SET L&C.E. TAG IN CONC. H.W.

117.0' PER TR. NO. 25724

9.41

1) 117-12-30
2) 108-50-00
3) 343-15-00
117-12-30

219

PB

TO P

TO

210.00 M

(95.57)

(95.58)

FD. COR. - Fd NOTH DN. 5 - SET 18" 2X2 W/ N&C.E. TAG FL. BY PROP. N.E.S. PER TR. MAP 25724

LOT - 14

0.17

122.59 (C&M)

Fd 1 3/4" I.P. CONC. PLG. & R.E. TAG #122 DN. 2" PER F.B. 3919-18

15.37

90°

P.O.L. - SET 1X2 E.N. FL.

LOT - 13

SET 1X2 E.N. FL. @ 90° TO P/L 5.00

TR. NO. 25724
M.B. 670 - 27

T.R. LN.

Fd NOTH. DN. 12' R

S 0° 15' W 458.72 M

116.77

PROP. COR - Fd 1 1/4" I.P. FL. W/ CONC. PLG & L.S. TAG. #2485 PER F.B. 3919-17 (HELD)

5.00

Set 1X2 E.N. @ 90°

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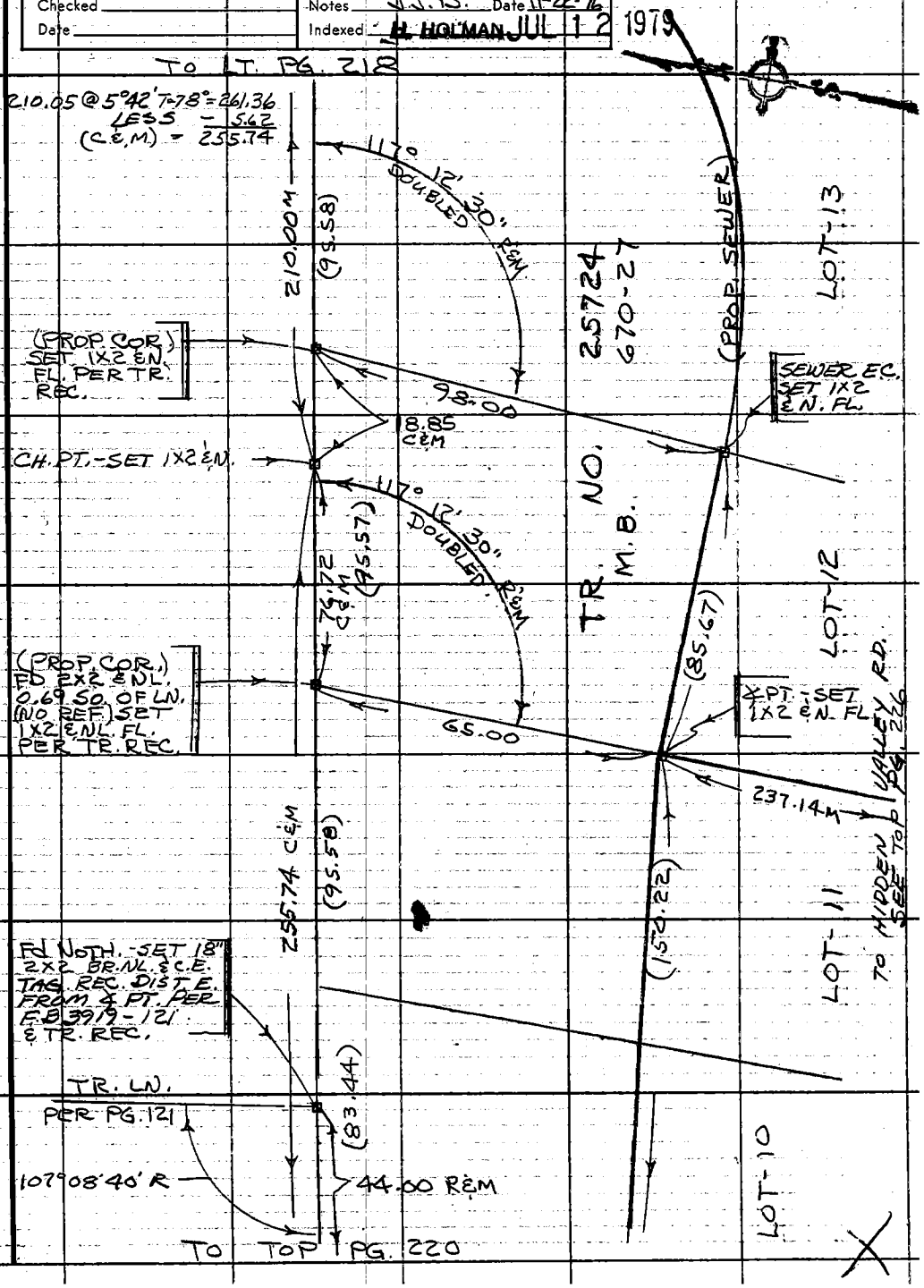
PWEB 0318 604

Notes Ck'd by	Survey of R.H.E. 55. DIST 5
Map No.	JN 3731.34 Tape 214 Std 84 °F
Office Work	Surveyed by J. BAZEN
Checked	Notes J.J.B. Date 11-22-76
Date	Indexed H. HOLMAN JUL 12 1979

F. B. ~~3919~~ Pg. ~~219~~



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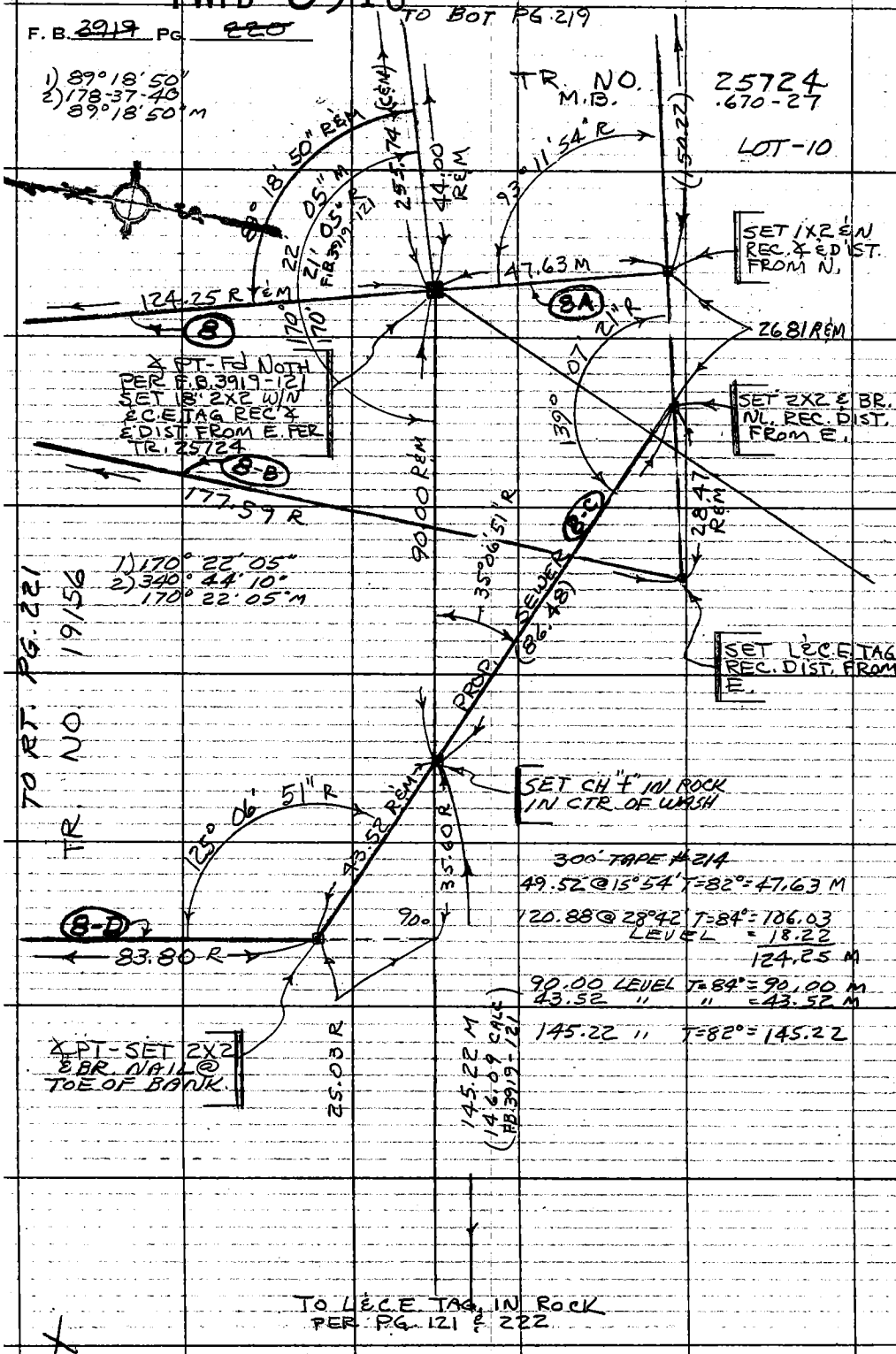
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

PWFB 0318 605



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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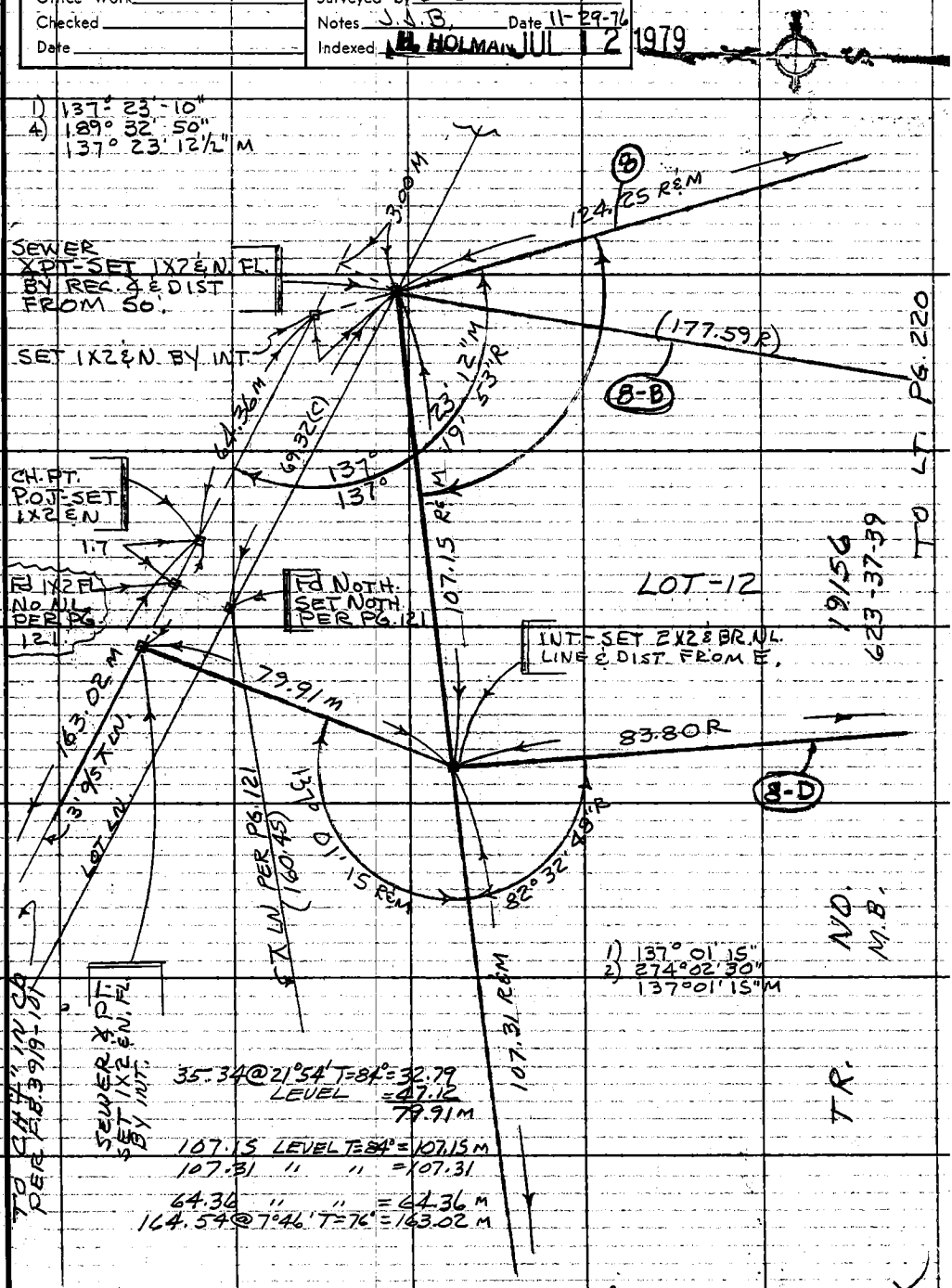
PWFB 0317

498

Notes Ck'd by	Survey of F.H.E. SS DIST #5
Map No.	JN 3731.34 Tape 214 Std 84 °F
Office Work	Surveyed by J. BAZEN
Checked	Notes J.J.B. Date 11-29-76
Date	Indexed H. HOLMAN JUL 12 1979

F. B. 3919 PG. 221



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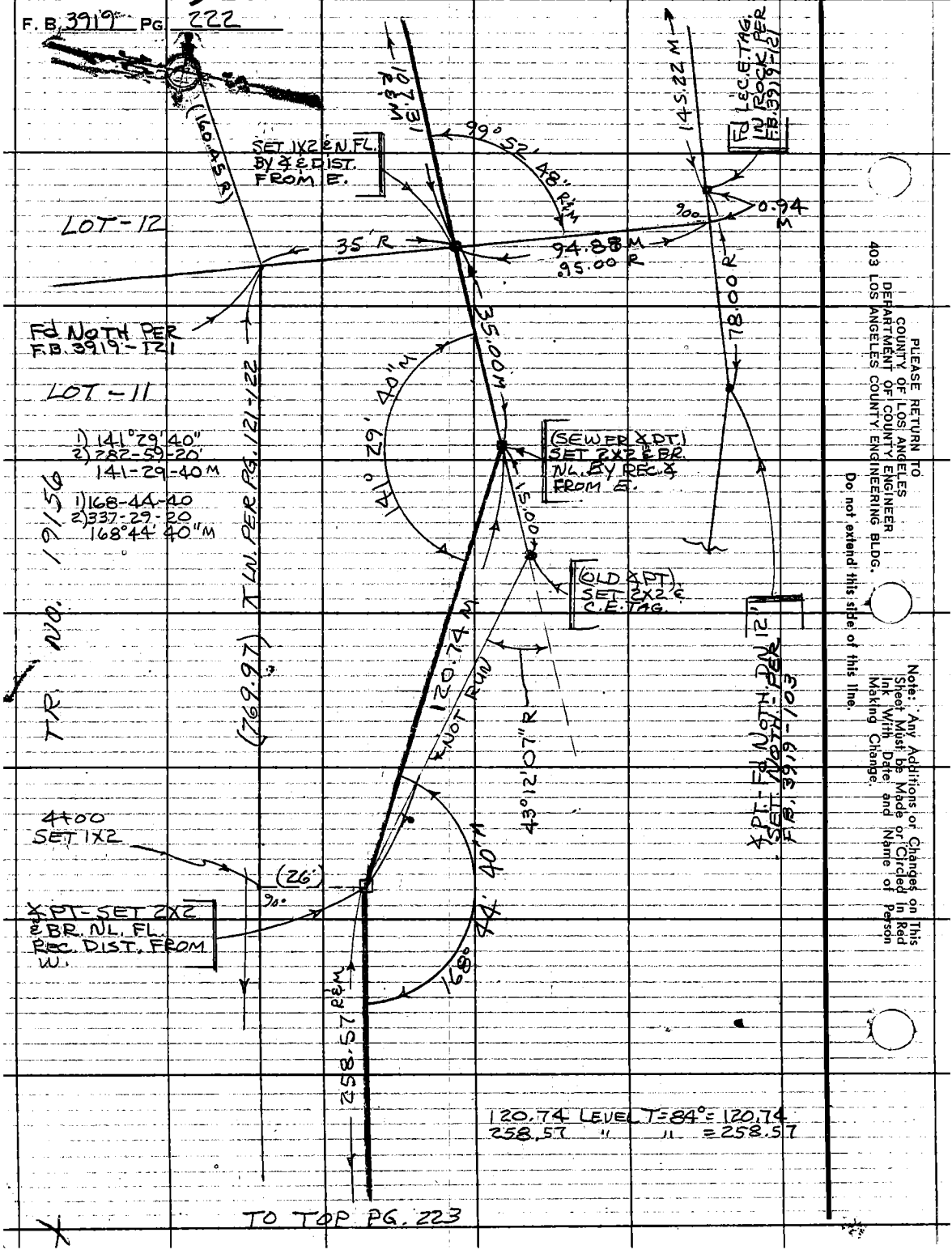
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

PWFB 0317 TO BOT PG. 221 499 TO BOT PG 220

F. B. 3919 PG 222



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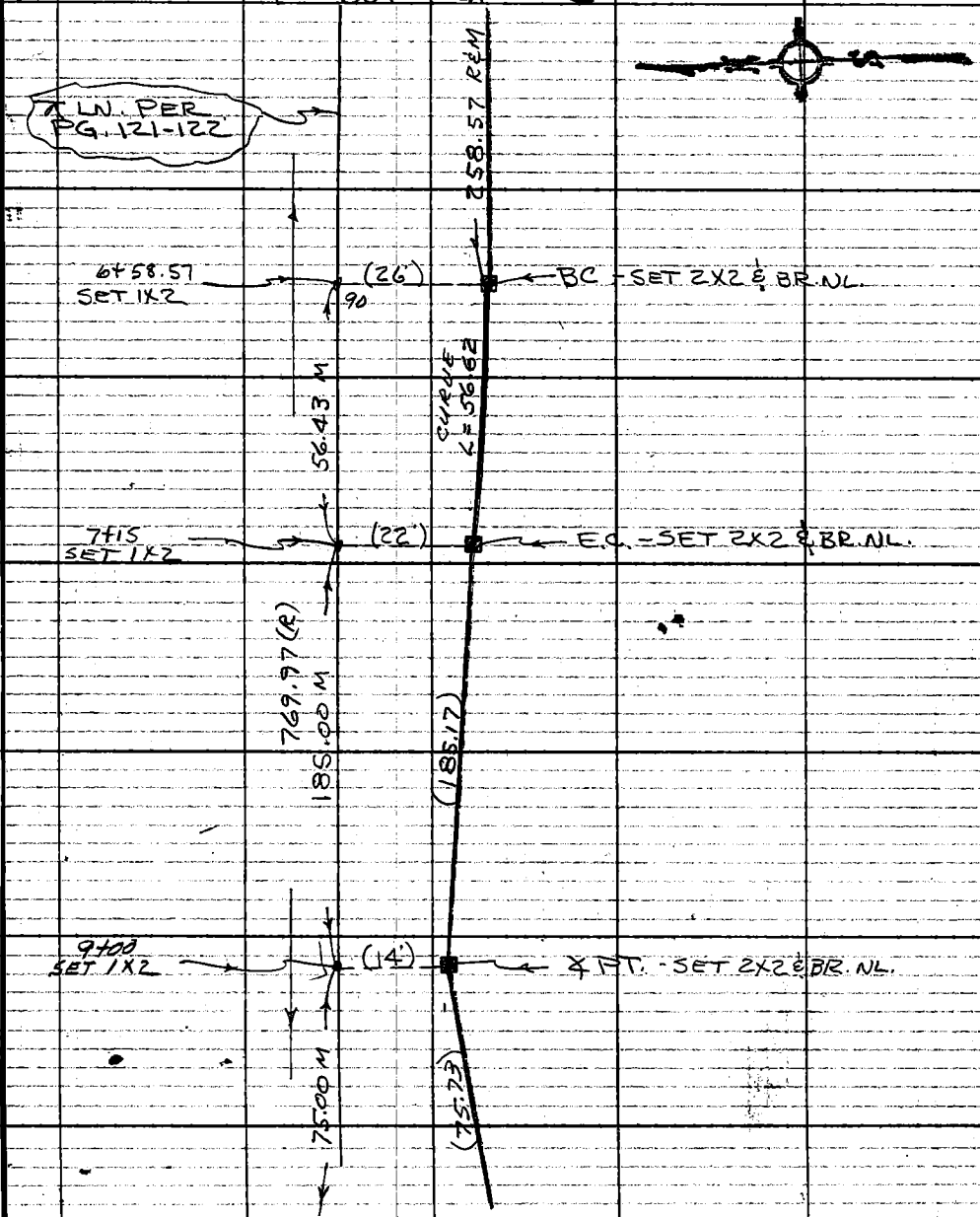
PWFB 0317 500

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

Survey of R.N.E. S.S. DIST. 5
JN 3731, 34 Tape 214 Std 84 °F
Surveyed by J. BAZEN
Notes J. J. B. Date 12-1-76
Indexed L. HOLMAN JUL 12 1979

F. B. 3919 PG. 223

TO BOT PG. 222



TO TOP PG. 224

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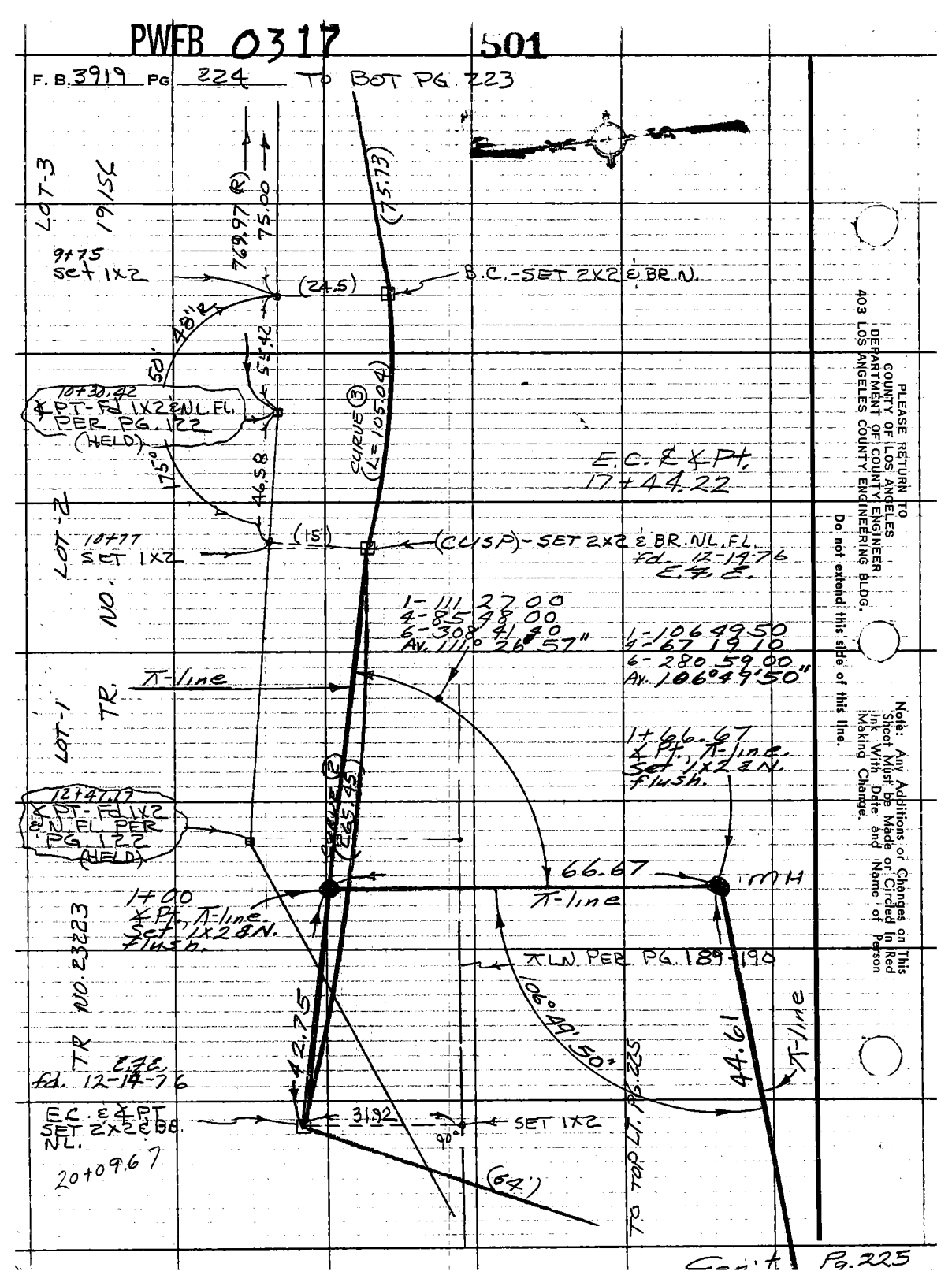
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

PWFB 0317 501

F. B. 3919 Pg 224 To BOT PG. 223



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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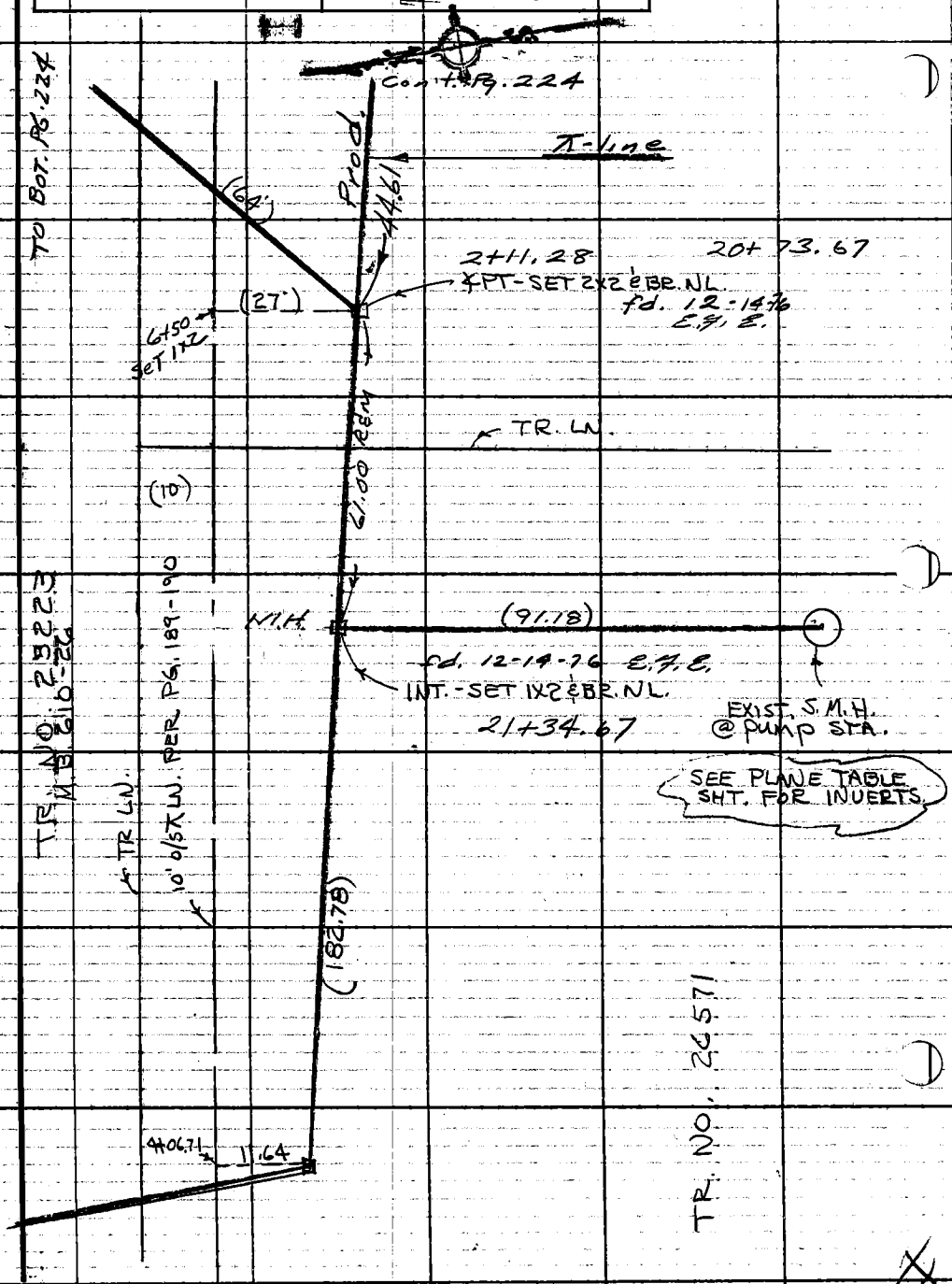
Note: Any Additions or Changes on This Sheet Must be Made or Circled In Red Ink With Date and Name of Person Making Change.

Cont'd Pg. 225

Notes Ck'd by	Survey of R.H.E.S.S. DIST. #5
Map No.	JN 3731, 34 Tape 214 Stg 84 °F
Office Work	Surveyed by V. BAZEN
Checked	Notes V.V.B. Date 12-5-76
Date	Indexed E. HOLMAN JUL 12 1979

F. B. 3919 Pg. 225



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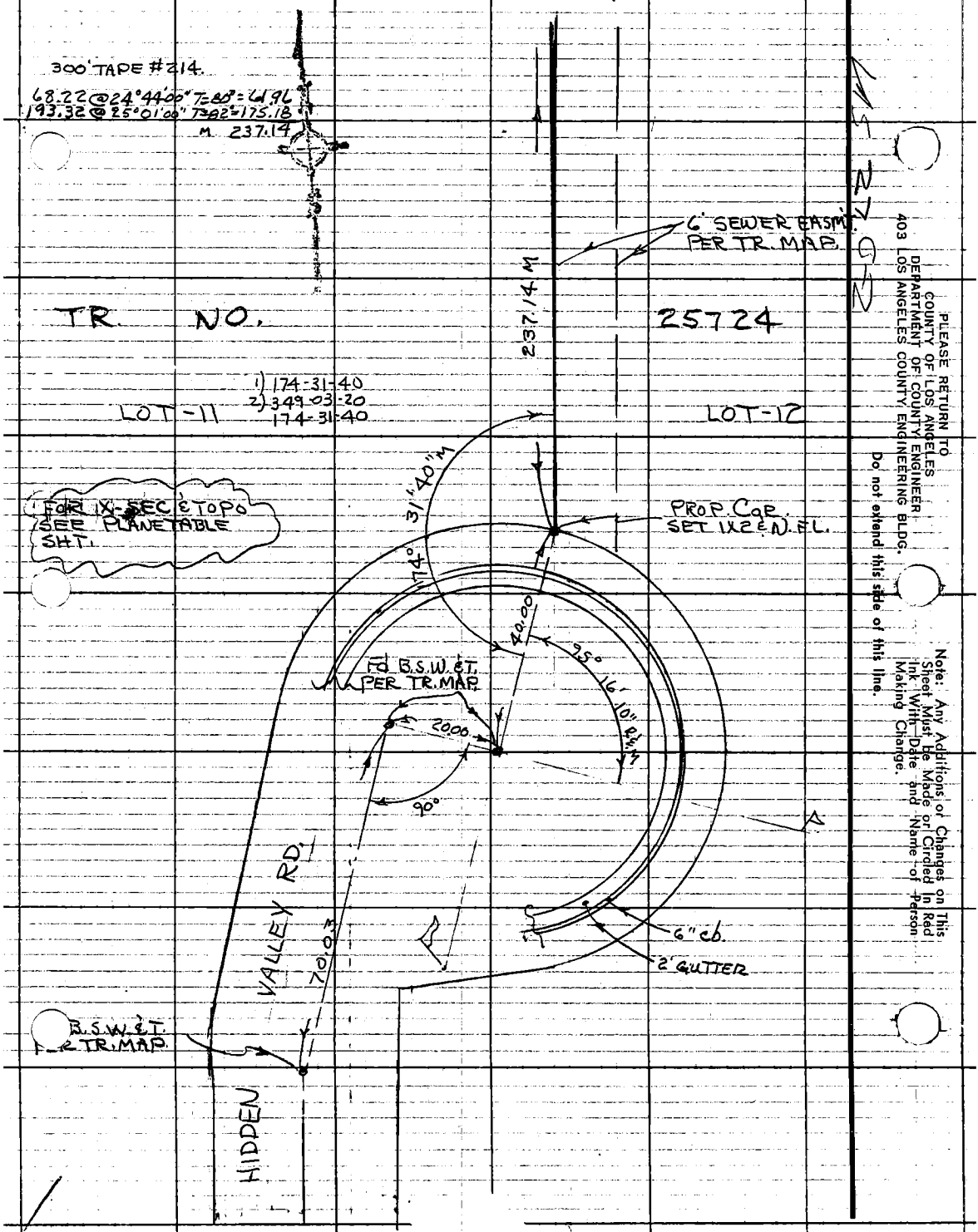
76F309S CE#310 3-69

PWFB 0318

607, 608

F. B. ~~3919~~ PG. ~~226~~

TO RT. PG. 219



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Survey of R.H.E. S.S. Dist #5
JN 3731.34 Tape 04 Std 68 °F
Surveyed by English
Notes Ed. Date 12-76
Indexed H. HOLMAN JUL 12 1979

F. B. 3919 PG. 227

ROLLING HILLS ESTATES

S.S. DIST. # 5

J.N. 3731.34

PALOS VERDES AREA

TOPOG. & X-Sects

Dec. 14, 1976.
English
Caro
Bradley
Stroud

Ref.:
F.B. 3919-
224 & 225.

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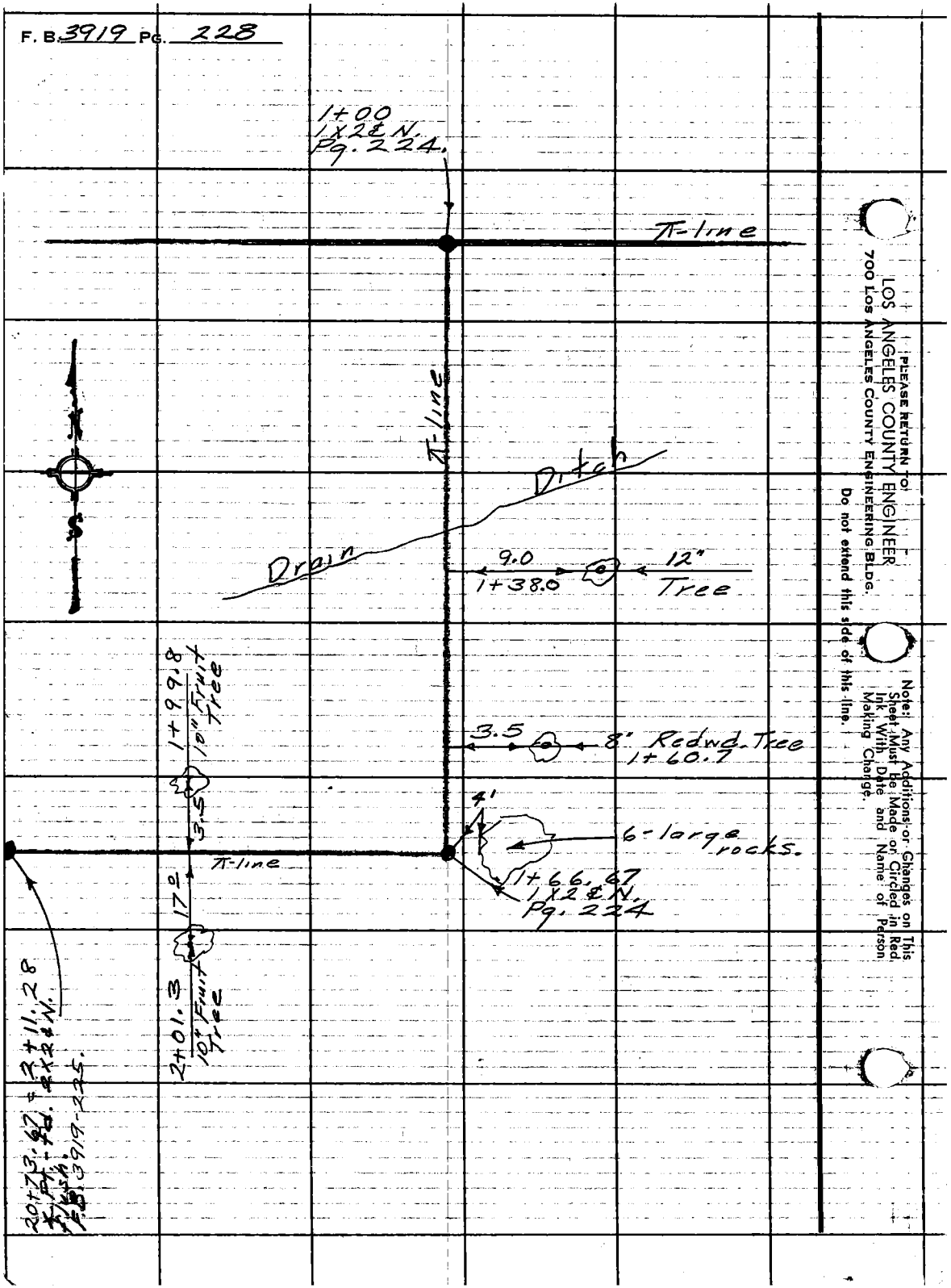
700 Los Angeles County Engineering Bldg.

76F3095 S&E #247 11-58

F. B. 3919 Pg. 228



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700 Los Angeles County Engineering Bldg.

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76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
	Cross - Sections.					T-line, Pg. 228
H. BM.					B.M. F.H. 10, elev. = 408.285, F.B. 3919-215.	
F.H. 10				408 28	Latigo Lane, 200'± N/o N.E. end. & 80'± N/o S.S. pump sta. & 10' w/o west side Bridle trail. A. Bt. spk. in ctr. of 6'x6' conc. S.D. T-line, Pg. 228, 2x2 & N.	
1+00				390.9	T-line Int.	Pg. 228
1+05.5				387.1	"	Brk.
1+09.0				385.7	"	T.B.
1+10.0				381.8	"	B.B.
1+18.0				380.7	"	ctr. of Ditch
1+26.5				380.9	"	B.B.
1+28.0				383.0	"	Brk.
1+44.0				389.5	"	B.B.
1+48.0				394.0	"	Brk.
1+53.0				397.0	"	Top Brk.
1+66.67				399.6	" , 1x2 ,	Pg. 228
1+[illegible]89.0				400.0	"	
2+11.28				400.4	" , 2x2 ,	Pg. 228

Profile Notes Red ____ Plotted ____ Job No. 3731.34 Division No. ____ F.B. 3919 Pg. 229
No. ____ Date ____ Date ____ Survey of R.H.E. S.S. Dist
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 12-14-76
No. ____ Date ____ Date ____ Map No. ____ Indexed H. HOLMAN Date JUL 12 1979

F.B. 3919 PG. 230 | 3731.34

Job No.________ Division No.________ Notes Red________ Plotted________ Profile

Survey of R.H.E. S.S. Dist. #5 Date________ Date________ No.________

Survey by English Notes Ed. Notes Chkd.________ Checked________ X-Sec.

Indexed________ Date________ Date________ Date________ No.________

STATION	B.S.	H.I.	F.S.	ELEV.
B.M. F.H. #10				408.28

See pg. 229

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PLEASE RETURN TO
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408 LOS ANGELES COUNTY ENGINEERING BLDG.

76-L-298 OE 307 2-65

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

Survey of LATIGO PUMP STA. F. B. 3919 Pg. 231
JN 0507.94 Tape — Std — °F
Surveyed by M. SOTRO
Notes M.S. Date 7-11-79
Indexed H. HOLMAN JUL 12 1979

J.N. 0507.94

LATIGO LANE

PUMP STATION ABANDONMENT

TRANSIT LINE & TOPOGRAPHY

REF: F.B. 3919

SOTRO
MOODY
BANKSDAR

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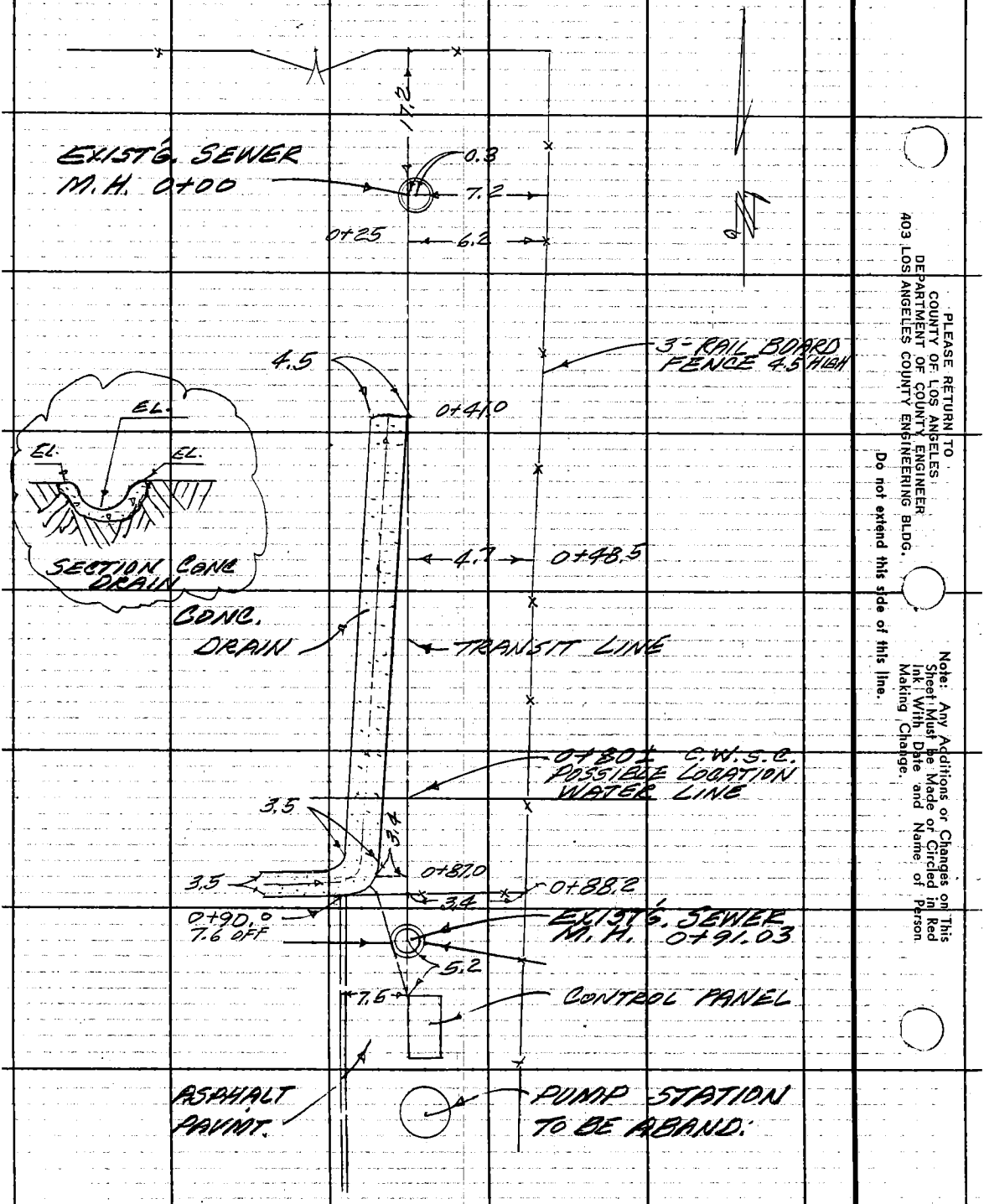
76F309s CE#3103-68

F. B. 3919 PG. 232



PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
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.

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____

Job No. 0507.94 Division No. 45 F. B. 3919 Pg. 233

Survey of LATIGO LANE PUMP STA.

Survey by M. SOTO Notes M.S. Date 7-14-79

Map No. ____ Indexed H. HOLMAN Date JUL 12 1979

J.N. 0507.94

LATIGO LANE PUMP STATION

ABANDONMENT

PROFILE

SEE PAGE 232 FOR TRANSIT LINE

ASSUMED DATUM

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

SOTO
MOODY
BANKSON

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
T.B.M.				100 00	THIS ELEVATION IS ASSUMED ON THE RIM OF SEWER M.H. AT STATION 0+00 F.B. 3919-232
0+00				100 00	RIM EL. BOT. 8.42
				-8 42	-7.75
0+02				91 58	F.L. 8" STUB, INLET (SOUTH) 0.67 = 8"
0+25				102 2	GROUND & PROP. SEWER
0+41				106 25	TOP E. EDGE CONC. DRAIN
"				105 30	F.L. CONC. DRAIN
"				106 11	TOP W. EDGE CONC. DRAIN
0+50				108 9	GRD. & PROP. SEWER
0+55				110 36	TOP E. EDGE CONC. DRAIN
"				109 48	F.L. CONC. DRAIN
"				110 35	TOP W. EDGE CONC. DRAIN
0+62.5				115 0	GRD. & PROP. SEWER
0+75				121 1	" " "
0+80				123 48	TOP E. EDGE CONC. DRAIN
"				122 77	F.L. CONC. DRAIN
"				123 72	TOP W. EDGE CONC. DRAIN
0+86				126 7	GRD. & PROP. SEWER
0+87				126 52	TOP E. EDGE CONC. DRAIN

F.B. 3414 PG. 234 Job No. 0507.9K Division No. 45 Notes Red ____ Plotted ____ Profile ____
Survey of LATIGO LANE PUMP STATION Date ____ Date ____ No. ____
Survey by M. SOTRO Notes M.S. Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ No. ____

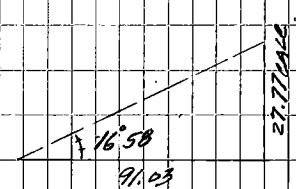
76-L-298 GE 307 N.70

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
400 L[illegible] ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH [illegible] AND NAME OF PERSON MAKING [illegible]

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	
0+87				125 53	F.L. CONC. DRAIN
"				126 30	TOP W. EDGE CONC. DRAIN
0+90				126 53	W. EDGE OF ASPHALT 3.5' R
0+91				127 74	RIM ELEV. OF SEWER M.H. AT PUMP STATION.
					EAST INLET: 12.18 − 11.50 = 0.68; 127.74 − 12.18 = 115.56
					W. INLET: 11.72 − 11.05 = 0.67; 127.74 − 11.72 = 116.02
0+91				115 56	F.L. E. INLET
0+91				116 02	F.L. W. INLET
0+96.2				129 60	℄ PROD. TO SOUTH ASPHALT PAVMT.
"				129 55	W. EDGE ASPHAT PAVMT 7.5' R.
"				130 00	TOP ASPHALT CURB 7.5 R.
T.B.M.				100 00	T.B.M. SEWER M.H. 0+00



127.74
− 27.77
99.97

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2507.94 Division No. 45 F.B. 3919 Pg. 235
X-Sec. No. ____ Date ____ Date ____ Survey of LATIGO LANE PUMP STA.
Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes M.S. Date 7-11-79
Date ____ Date ____ Map No. ____ Indexed H. HOLMAN Date ____