SO. CALIF. BLUE PRINT CO. 4297

INDEX TO F.B.2193

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CONTINUED OVER.

Unclassified Aug 86

SURVEY OF

SURVEY BY

DATE

F. B.

TR. No.

PG.

INDEX TO F.B. 2193

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TR. NO. _____

SURVEY OF _____

SURVEY BY _____

DATE _____

F. B. 2193 PG. 5

NOTES RED. JOB NO. 2110.34 SURVEY OF ELLEN DR
DATE SURVEY BY J. J. LANIGAN
NOTES CHKD Miller NOTES BY R.E. DOVER DATE 7-14-59
DATE Aug. 1959 INDEXED K. C. Johnson DATE 7-30-59

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
C.I. 2110.34						
ELLEN DR.						
BENCH LEVEL CIRCUIT						
	indexed 8-5-59 M.VO					
			LANIGAN			
			RIME			
			DOVER			
			LOVE			

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JOB NO. 2110-34 SURVEY OF ELLEN DR.
SURVEY BY J. J. LANIGAN
NOTES BY A. E. DOVER DATE 7-14-59
INDEXED A. C. Johnson DATE
NOTES RED DATE
NOTES CHKD Miller DATE Aug. 1959.

F.B. 2193 PG. 6

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
16-3	416.288				416.288	B.M. 16-3 ELEV. 416.288 - F.B. 1380-202
+	5.978		6.164			SAN BERNARDINO RD. 89.3'± W of ℄ OF
Π	422.266	+2.086	+2.084	+2.085		IRWINDALE AVE, C.E. MON. IN H.H. 11' N OF ℄
—	3.892		4.080			SAN BERNARDINO RD.
T.P.	418.374					T.P
+	5.453		5.565			
Π	423.827	+0.758	+0.760	+.759		
—	4.695		4.085			
T.P.	419.132					T.P.
+	4.899		4.902			
Π	424.031	-0.761	-0.766	-.761		
—	5.660		5.668			
(SET) HV-62	418.371				418.371	B.M. H.V.62 ELEV. 418.371 F.B. 2193-6
+	5.561		5.497			SAN BERNARDINO RD SHADYDALE AVE.,
Π	423.932	+0.730	+0.728	+.730		S.E. COR., BT. SPK. IN CURB, 15'S OF S. END.
—	4.831		4.769			
T.P.	419.101					T.P.
+	2.971		2.869			
Π	422.072	-2.978	-2.974	-2.976		
—	5.949		5.843			
T.P.	416.123					T.P
+	4.572		4.543			
Π	420.695	-1.112	-1.109	-1.110		
—	5.684		5.652			
SET HV-63	415.011				415.015	B.M. HV.63 ELEV. 415.015 F.B. 2193-6
+	4.447		4.331			IRWINDALE AVE. (E. SIDE) 500'± N. OF BADILLO
Π	419.458	-0.366	-0.366	-.366		ST. BT. SPK. IN CURB IN FRONT OF HOUSE #
—	4.813		4.700			4048
T.P.	414.645					T.P.

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DATE SURVEY BY J. J. LANIGAN DATE 7-15-53
NOTES CHKD. Miller NOTES BY E. E. POVER
DATE Aug. 1953 INDEXED K. C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	414.645					T.P.
+	4.551		4.450			
π	419.196	-0.239	-0.239	-.239		
—	4.790		4.689			
SET HV 64	414.406				414.410	BM HV 64 ELEV. 414.410 FB 2193-7
+	5.523		5.563			IRWINDALE AVE & BADILLO ST ~~S.E.~~ N.E. COR. BT SPK
π	419.929	+0.784	0.784	+.784		IN CURB 6' E OF EAST END.
—	4.739		4.779			
SET HV-65	415.190				415.194	BM HV 65 ELEV. 415.194 FB 2193-7
+	4.829		4.691	4.622		BADILLO ST & SHADYDALE AVE, N.E. COR. BT. SPK.
π	420.019	-0.044	-0.049	+0.043		IN CURB 20' N OF N. END. C.R.
—	4.873		4.740	4.665		
T.P	415.146					T.P.
+	5.035		5.002			
π	420.181	+0.816	+0.817	+.817		
—	4.219		4.185			
SET HV 66	415.962				415.967	BM HV 66 ELEV. 415.967 FB 2193-7
+	4.467		4.419			SHADYDALE AVE (E. SIDE) 550' I N OF
π	420.429	-0.783	-0.781	-.782		BADILLO ST. BT SPK IN CURB IN FRONT OF HOUSE
—	5.250		5.200			# 4102
T.P.	415.179					T.P.
+	4.712		4.659			
π	419.891	-0.611	-0.611	-.611		
—	5.323		5.270			
T.P.	414.568					T.P.
+	6.162		6.087			
π	420.730	+1.461	+1.460	+1.461		
—	4.701		4.627			
SET HV 67	416.029				416.035	BM HV 67 ELEV. 416.035 FB 2193-7
						BADILLO ST & BROADMOORE AVE N.W COR. BT SPK
						IN CURB 6' N. OF N. END C.R.

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SURVEY BY J. J. LANIGAN
NOTES BY R. E. DOVER DATE 7-15-59
INDEXED A. C. Johnson DATE
NOTES RED
DATE
NOTES CHKD Miller
DATE Aug. 1959
F.B. 2193 PG. 8

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
HV-67	416.027				416.035	BM HV-67 ELEV. 416.035 FB 2193-7
+	4.976		4.856			BADILLO ST & BROADMOR AVE, N.W. COR BT SPK
Π	421.005	+0.604	+0.601	+.604		IN CURB 6' N OF N END C.R.
−	4.372		4.255			
T.P.	416.633					T.P.
+	4.811		4.930			
Π	421.444	+0.850	+0.850	+.850		
−	3.961		4.080			
SET HV-68	417.483				417.489	BM HV-68 ELEV. 417.489 FB 2193-8
+	4.108		4.062			BROADMOR AVE. (N SIDE) OF N END OF ST.
Π	421.591	−0.881	−0.879	−.880		BT SPK. IN CURB IN FRONT OF HOUSE #4049
−	4.989		4.941			
T.P.	416.602					T.P.
+	4.398		4.342			
Π	421.000	−1.203	−1.203	−1.203		
−	5.601		5.545			
T.P.	415.399					T.P.
+	5.866		5.990			
Π	421.265	+1.879	+1.880	+1.880		
−	3.987		4.110			
T.P.	417.278					
+	5.258		5.320			
Π	422.536	+0.554	0.552	+.554		
−	4.704		4.768			
HV 69	417.832				417.840	BM HV-69 ELEV. 417.840 FB 2193-8
+	5.238		5.290			BADILLO ST. & WALNUTHAVEN DR. N.W. COR
Π	423.070	+1.388	+1.388	+1.388		BT SPK. IN CURB 6' N. OF N. END C.R.
−	3.850		3.902			
T.P.	419.220					

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DATE ____ SURVEY BY J.J. LANIGAN
NOTES CHKD. Miller NOTES BY R.E. DOVER DATE 7-15-59
DATE Aug. 1959 INDEXED A.C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T. P.	419.220					T. P.
+	4.919		4.848			
Π	424.139	+1.479	+1.479	+1.479		
—	3.440		3.369			
(SET) HV-70	420.699				420.707	BM HV-70 ELEV. 420.707 FB 2193-9
+	4.710		4.654			WALNUTHAVEN AVE (E. SIDE) 500'± N. OF
Π	425.409	+0.795	+0.794	+.795		BADILLO ST., BT SPK IN CURB IN FRONT OF
—	3.915		3.860			HOUSE # 4102
T. P.	421.494					T. P.
+	4.789		4.874			
Π	426.283	+1.259	+1.259	+1.259		
—	3.530		3.615			
(SET) HV-71	422.753				422.761	BM HV-71 ELEV. 422.761 FB 2193-9
+	5.485		5.420			SAN BERNARDINO RD. & WALNUTHAVEN AVE
Π	428.238	+1.534	+1.531	+1.534		~~NE.~~ S.E. COR BT. SPK. IN CURB 25' S OF S END OF G.R.
—	3.951		3.889			
T. P.	424.287					T. P.
+	5.915		5.835			
Π	430.202	+1.746	+1.746	+1.746		
—	4.169		4.089			
SET HV-72	426.033				426.041	BM HV-72 ELEV. 426.041 F.B. 2193-9
+	3.452		3.403			SAN BERNADINO RD. & WOODGROVE AVE., S.E.
Π	429.485	-2.573	-2.571	-2.572		COR., BT. SPK. IN CURB 14' S. OF S. END C.R.
—	6.025		5.974			
T. P.	423.460					T. P.
+	4.402		4.389			
Π	427.862	-0.278	-0.274	-.276		
—	4.680		4.663			
SET HV-73	423.182				423.193	BM HV-73 ELEV. 423.193 FB 2193-9
						WOODGROVE AVE (E. SIDE) 500'± N BADILLO ST., BT SPK
						IN CURB IN FRONT OF HOUSE # 4044

F.B. 2193 PG. 9

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SURVEY BY J.J. LANIGAN
NOTES BY R.E. DOVER DATE 7-15-59
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. M. Mar DATE Aug. 1959

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
HV-73	423.182					SEE BOTTOM PAGE 9 FOR DISC.
+	3.370		3.311			
⊼	426.552	-2.075	2.077	-2.073		
−	5.445		5388			
T.P.	421.107					T.P.
+	3.912		3.831			
⊼	425.019	-0.597	-0.596	-.596		
−	4.509		4427			
HV-74	420.510				420.522	BM HV-74 ELEV. 420.522 FB 2193-10 BADILLO ST. & WOODGROVE AVE NE. COR BT. SPK. IN CURB 12' N OF N END C.R.
+	5.161		5.238			
⊼	425.671	+0.771	+0.775	+.773		
−	4.390		4463			
T.P.	421.281					T.P.
+	4.961		4.910			
⊼	426.242	+1.234	+1.233	+1.234		
−	3.727		3677			
HV-75	422.515				422.529	BM HV-75 ELEV 422.529 FB 2193-10 BADILLO ST & ELLEN DR. N.E. COR BT. SPK. IN CURB, 5' N. OF N. END C.R.
+	4.659		4.593			
⊼	427.174	+1.111	+1.112	+1.112		
−	3548		3481			
T.P.	423.626					T.P.
+	5.308		5.253			
⊼	428.934	+2.228	+2.225	+2.228		
−	3.080		3 028			
HV-76	425.854				425.869	BM HV-76 ELEV. 425.869 FB 2193-10 ELLEN DR. (E. SIDE) 550'± N OF BADILLO ST. BT SPK IN CURB IN FRONT OF HOUSE # 4102
+	5.362		5.294			
⊼	431.216	+1.590	+1.588	+1.590		
−	3.772		3.706			
T.P.	427.444					T.P.

F. B. 2/93 Pg. 10

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	427.444					T.P.
+	5.331		5.272			
Π	432.775	+1.002	1.003	+1.003		
−	4.329		4.269			
(SET) HV-77	428.446				428.462	BM HV-77 ELEV. 428.462 F.B. 2193-11
+	6.150		6.048			SAN BERNADINO RD & ELLEN DR. S.W. COR.
Π	434.596	+2.324	+2.327	+2.326		BT SPK IN CURB 27' S OF S END C.R.
−	3.826		3.721			
T.P.	430.770					
+	5.669		5.569			
Π	436.439	+0.165	+0.165	+.165		
−	5.504		5.404			
(SET) HV-78	430.935				430.933	BM HV-78 ELEV. 430.933 F.B. 2193-11
+	2.492		2.680			SAN BERNADINO RD. & HARTLEY AVE., S.W.
Π	433.427	-3.390	-3.389	-3.389		COR. BT. SPK. IN CURB 6' S. OF S END C.R.
−	5.882		6.069			
T.P.	427.545					T.P.
+	3.442		3.489			
Π	430.987	-1.944	-1.941	-1.943		
−	5.386		5.43[illegible]			
(SET) HV-79	425.601				425.621	BM HV-79 ELEV. 425.621 F.B. 2193-11
+	3.638		4.020			HARTLEY AVE. (W. SIDE) 550'± N OF BADILLO
Π	429.239	-0.901	-0900	-.900		ST., BT. SPK. IN CURB IN FRONT OF HOUSE #
−	4.539		4.920			4103
T.P.	424.700					T.P.
+	4.074		4.115			
Π	428.774	-0.578	-0.578	-.578		
−	4.652		4.693			
(SET) HV-80	424.122				424.143	BM HV-80 ELEV. 424.143 F.B. 2193-11
						BADILLO ST. & HARTLEY AVE N.W. COR. BT. SPK IN
						CURB 6' N. OF N. END C.R.

NOTES RED. _____ JOB NO. 2110.34 SURVEY OF ELLEN DR.
DATE _____ SURVEY BY J. J. LANIGAN
NOTES CHKD. Miller NOTES BY R.E. DOVER DATE 7-16-59
DATE Aug. 1959 INDEXED C. Johnson DATE

F.B. 2193 PG. 11

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SURVEY BY J. LANIGAN
NOTES BY R.E. DOVER DATE 7-16-59
INDEXED A. C. Johnson DATE
NOTES RED
DATE
NOTES CHKD Miller
DATE Aug. 1959

F.B. 2193 PG. 12

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
HV-80	424.122					HV-80 SEE BOTTOM PAGE 11 FOR DESC.
+	4.675		4.747			
Π	428.797	+0.650	+0.649	+.650		
−	4.025		4.098			
SD-111	424.772				424.793	BM SD-111 424.793 F.B. -
+	5.399		5.452	5.178		BADILLO ST & HARTLEY N.E. COR., BT SPK
Π	430.171	+1.837	+1.831	+1.836		IN CURB. 50'± E OF E. END OF C.R.
−	3.562		3.621	3342		
(SET) HV-81	426.609				426.630	BM HV-81 ELEV. 426.630 F.B. 2193-12
+	4.448		4.523			BADILLO ST & MORADA AVE. N.E. COR. BT. SPK.
Π	431.057	+0.108	+0.111	+.110		IN CURB 5' N. OF N. END OF C.R.
−	4340		4.412			
T.P.	426.717					T.P.
+	4929		4.884			
Π	431.646	+0.925	+0.924	+.925		
−	4.004		3.960			
(SET) HV-82	427.642				427.665	BM HV-82 ELEV. 427.665 F.B. 2193-12
+	5.599		5.680			MORADA AVE. (W. SIDE) 550'± N. OF BADILLO
Π	433.241	+1.609	+1.609	+1.609		ST. BT. SPK. IN CURB IN FRONT OF HOUSE # 4045
−	3.990		4.071			
T.P.	429.251					
+	5.771		5.690			
Π	435.022	+2.893	2.892	+2.893		
−	2878		2.798			
(SET) HV-83	432.144				432.167	BM HV-83 ELEV. 432.167 F.B. 2193-12
+	6.221		6.146			SAN BERNADINO RD. & MORADA AVE. (S.W. COR.)
Π	438.365	+2.482	2.485	+2.483		BT. SPK. IN CURB 6' S. OF S. END C.R.
−	3.739		3661			
T.P.	434.626					T.P.

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NOTES RED. DATE
NOTES CHKD. Miller DATE AUG. 1959
JOB NO. 211034 SURVEY OF ELLEN DR.
SURVEY BY J. J. LANIGAN
NOTES BY R. E. DAVER DATE 7-16-59
INDEXED E. C. Johnson DATE
F. B. 2193 PG. 13

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	434.626				434.650	T.P.
+	4.996		5.017	5.408		
Σ	439.622	+0.966	+0.974	+0.970		
−	4.030		4.043	4.438		
T.P.	435.592					T.P.
+	6.141		5.982			
Σ	441.733	+2.443	2.444	+2.443		
−	3.698		3.538			
T.P.	438.035					T.P.
+	4.707		4.740			
Σ	442.742	+0.926	+0.929	+.927		
−	3.781		3.811			
T.P.	438.961					T.P.
+	5.633		5.742			
Σ	444.594	+1.733	+1.734	+1.733		
−	3.900		4.008			
T.P.	440.694					T.P.
+	5.643		5.698			
Σ	446.337	+2.153	+2.154	+2.153		
−	3.490		3.544			
T.P.	442.847					T.P.
+	6.220		6.150			
Σ	449.067	+4.189	+4.187	+4.188		
−	2.031		1.963			
T.P.	447.036					T.P.
+	5.480		5.621			
Σ	452.516	+0.919	+0.919	+.919		
−	4.561		4.702			
T.P.	447.955					T.P.

76S420 353 3-51

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

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

Do not extend notes this side of this line

JOB NO. 2110.34 SURVEY OF ELLEN DR.
SURVEY BY J.J. LANIGAN.
NOTES BY A.E. DOVEK. DATE 7-16-59
INDEXED L. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. Miller DATE Aug. 1959
F.B. 2172 PG. 14

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	447.953				447.983	T.P.
+	1.189		1.249			
Π	449.144	-2.726	-2.729	-2.726		
—	3.915		3.978			
T.P.	445.229					T.P.
+	6.171		6.071			
Π	451.400	+2.981	+2.981	+2.981		
—	3.190		3.090			
T.P.	448.210					T.P.
+	5.539		5.630			
Π	453.749	+2.459	+2.460	+2.460		
—	3.080		3.170			
T.P.	450.669					T.P.
+	6.212		6.101			
Π	456.881	+3.771	+3.772	+3.772		
—	2.441		2.329			
T.P.	454.440					T.P.
+	6.159		6.068			
Π	460.599	+3.512	+3.511	+3.512		
—	2.647		2.557			
T.P.	457.952					T.P.
+	5.030		5.317			
Π	462.982	+1.995	+1.995	+1.995		
—	3.035		3.322			
T.P.	459.947					T.P.
+	5.733		5.893			
Π	465.680	+2.510	2.509	+2.510		
—	3.223		3.384			
T.P.	462.457					T.P.

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
T.P.	462.457					T.P.
+	4.792		4.843			
⊼	467.249	-0.188	-0.189			
−	4.980		5.032			
45-9	462.269				462.301	BM 45-9 ELEV. 462.301-FB1367-15 LARK ELLEN AVE, 52.6' E. of ℄ of SAN BERNARDINO RD, C.S. MON. IN HH. 11.1' S. of ℄ of LARK ELLEN AVE.

NOTES RED ____ JOB NO. 2110.34 SURVEY OF ELLEN DR.
DATE ____ SURVEY BY J. J. LANIGAN
NOTES CHKD. ____ NOTES BY [illegible] DATE [illegible]
DATE ____ INDEXED C. Johnson DATE ____

F.B. 2193 PG. 15

F. B. 2193 PG. 16

JOB NO. 2110.34 SURVEY OF ELLEN DR. NOTES RED.
SURVEY BY J.J. LANIGAN DATE
NOTES BY R.E. DOVER DATE 7-16-59 NOTES CHKD Miller
INDEXED A.C. Johnson DATE DATE Aug. 1959

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

Do not extend notes this side of this line

765420 S & E-353 4-54

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

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

F. B. 2193 PG. 17

NOTES RED _____ JOB NO. 211034 SURVEY OF ELLEN DR.
DATE _____ SURVEY BY J J LANIGAN
NOTES CHKD. _____ NOTES BY R.E. DOVER DATE 7-17-59
DATE _____ INDEXED K. C. Johnson DATE _____

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
C.I. 211034						
ELLEN DR.						
BENCH-LEVEL CIRCUIT -						
TO TIE IN S.D. BENCH-MARKS ON BADILLO ST.						
			LANIGAN			
			DOVER			
			LOVE			

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PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 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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Do not extend notes this side of this line

JOB NO. 211034 SURVEY OF ELLEN DR.
SURVEY BY J.V. LANIGAN
NOTES BY R.E. DOVER DATE 7-17-59
INDEXED A. C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2193 PG. 18

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
HV-64	414.406				414.456	BM HV-64 ELEV. FB 2193-7
+	4.105		4.173			IRWINDALE AVE & BADILLO ST S.E. COR. BT SPK.
π	418.511	-1.204	-1.205			IN CURB 6' E. OF E. END. C.R.
−	5.309		5.378			
SD-105	413.202				413.252	BM SD-105 ELEV. 413.252 F.B. 2505-12
+	5.841		5.880			BADILLO ST. & IRWINDALE AVE. N.W. COR.
π	419.043	+1.021	+1.021			BT. SPK. IN CURB, 50' N. OF N. END C.R.
−	4.820		4.859			
T.P.	414.223					
+	5.258		5.321			
π	419.481	+1.047	+1.045			
−	4.211		4.276			
SD-106	415.270				415.318	BM SD-106 ELEV. 415.318 F.B. 2505-12
+	5.183		5.241			BADILLO ST. & SHADYDALE AVE. N.E. COR. BT
π	420.453	+1.110	+1.110			SPK. IN CURB 50' E. OF E. END C.R.
−	4.073		4.131			
SD-107	416.380				416.428	BM SD-107 ELEV. 416.428 F.B. 2505-12
+	5.817		5.699			BADILLO ST. & BROADMORE AVE. N.E. COR.
π	422.197	+2.276	+2.278			BT. SPK. IN CURB 50' E. OF E. END C.R.
−	3.541		3.421			
SD-108	418.656				418.701	BM SD-108 ELEV. 418.701 F.B. 2505-12
+	5.412		5.380	5.479		BADILLO ST. & WALNUT HAVEN DR. N.E. COR.
π	424.068	+2.064	+2.069	+2.068		BT. SPK. IN CURB 50' E OF E. END. C.R.
−	3.348		3.311	3.411		
SD-109	420.720				420.767	BM SD-109 ELEV. 420.767 F.B. 2505-13
+	5.499		5.440			BADILLO ST. & ELLEN DR BT. SPK. IN CURB
π	426.219	+2.018	+2.018			N.E. COR. 51' E. OF E. END. C.R.
−	3.481		3.422			
SD-110	422.738				422.780	SD-110 ELEV. 422.780 F.B. 2505-13
						BADILLO ST. & ELLEN DR. N.E. COR. BT. SPK IN CURB
						50' E. OF E. END. C.R.

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
SD-110	422.738					SEE DESC. BOTTOM PAGE 18
+	5.649		5.703			
⊼	428.387	+2.045	+2.044			
−	3.604		3.659			
SD-111	424.783				424.822	BM SD-111 ELEV. 424.822 F.B. 2505-13
+	5.491		5.541			BADILLO ST. & HARTLEY AVE BT. SPK IN
⊼	430.274	+2.058	+2.059			CURB N.E. COR. 55' E. OF E. END. C.R.
−	3.433		3.482			
SD-112	426.841				426.877	BM SD-112 ELEV. 426.877 F.B. 2505-13
+	4.123		4.213			BADILLO ST. & MORADA AVE. BT. SPK. IN
⊼	430.964	-0.225	-0.225			CURB, 50' E OF E. END. C.R.
−	4.348		4.438			
HV-81	426.616				426.652	BM HV-81 ELEV. F.B. 2193-12
						BADILLO ST & MORADA AVE. N.E. COR.
						BT. SPK. IN CURB 5' N. OF N. END C.R.

NOTES RED. JOB NO. 211034 SURVEY OF ELLEN DR.
DATE SURVEY BY J. J. LANIGAN
NOTES CHKD. NOTES BY R. E. DOVER DATE 7-17-59
DATE INDEXED R. C. Johnson DATE

F. B 2193 PG. 19

F. B. 2193 PG. 20

JOB NO. 2110.34 SURVEY OF ELLEN DR

SURVEY BY J. J. LANIGAN.

NOTES BY B. E. DOUER DATE 7-17-57

INDEXED A. C. Johnson DATE

NOTES RED.

DATE

NOTES CHKD.

DATE

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

Do not extend notes this side of this line

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

769420 S & E-353 4-54

PWFB 1430

669

Notes Ck'd by H. E. AUSTIN	Survey of ELLEN DR.	F. B. [illegible] PG. [illegible]
Map No.	JN 0303-00 Tape 0188 Std 68 °F	
Office Work	Surveyed by J. J. LANIGAN	
Checked	Notes J. J. L Date 7-17-59	
Date	Indexed [illegible] G. Johnson 7-30-59	

J.N. 0303.00
C.I. 2110.34

ELLEN DR.

CENTER-LINE SURVEY

NOTE- FOR COMPLETE SURVEY AND TIES SEE F.B. 2505

LANIGAN
RIKE
DOVER
DURAN

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

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

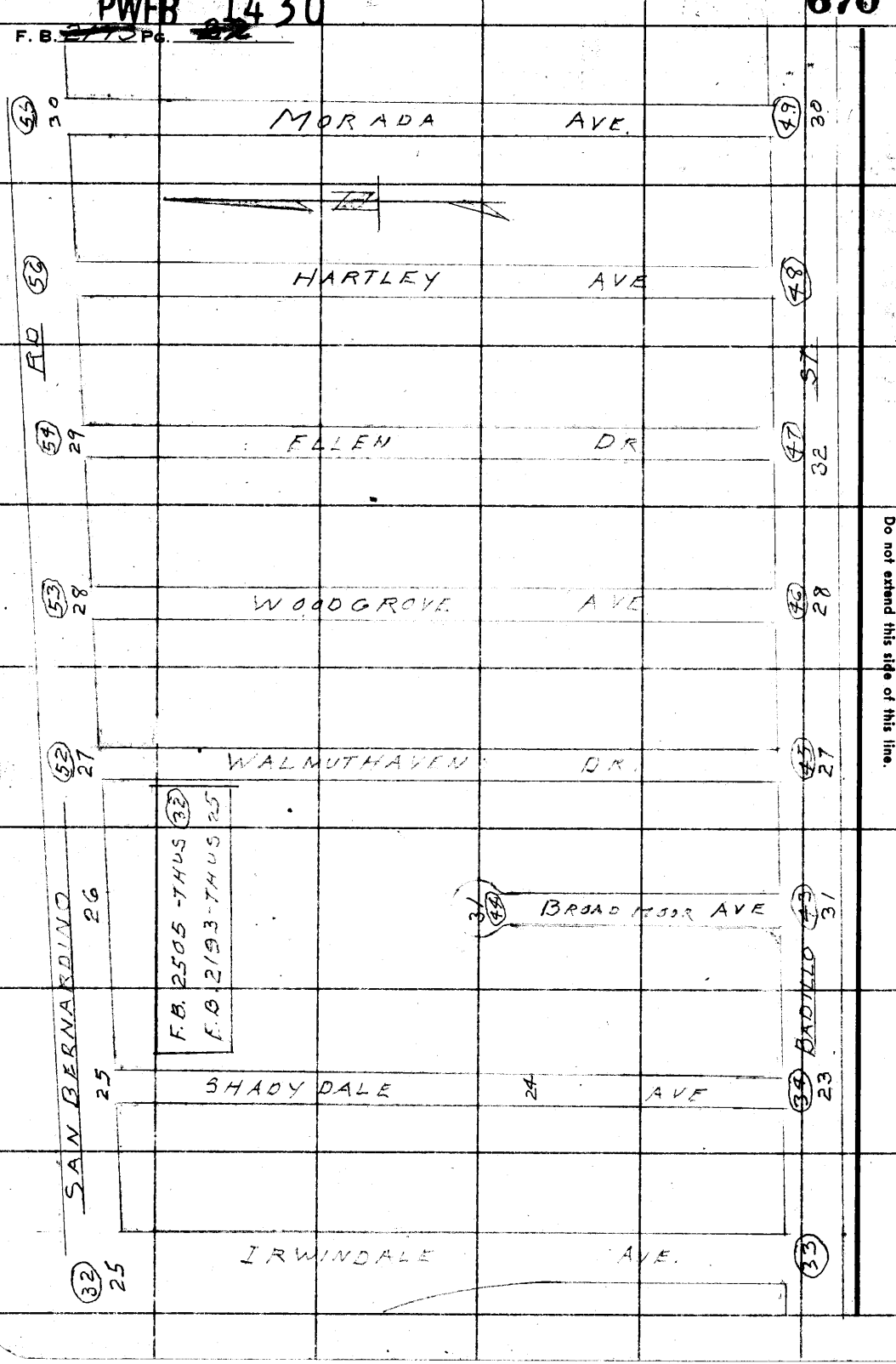
Do not extend this side of this line.

76F309S S&E #247 1-56

PWFB 1430

670

F. B. ~~275~~ Pg. ~~82~~



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

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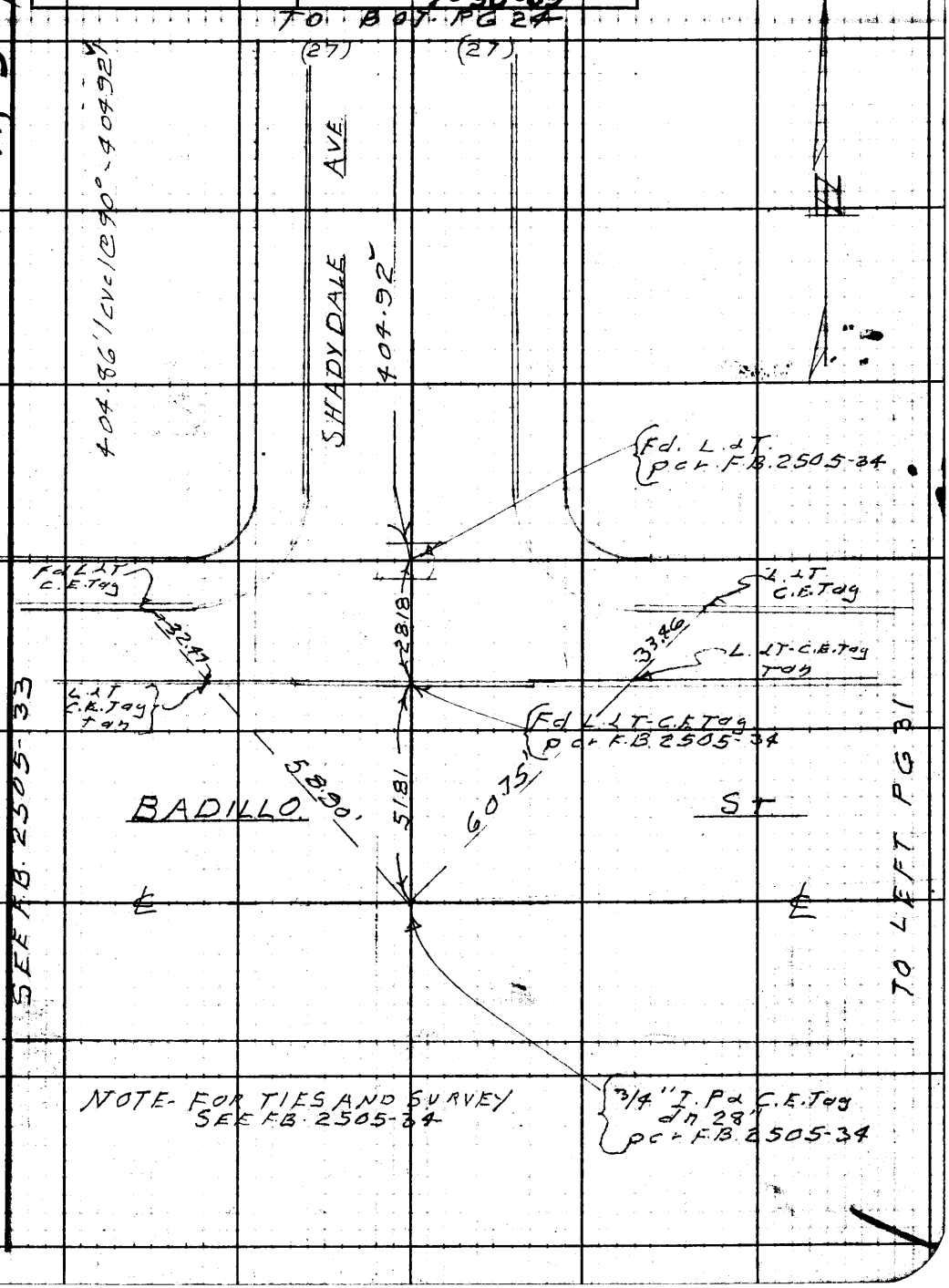
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1430

671

Notes Ck'd by H. E. AUSTIN	Survey of ELLEN DR
Map No.	JN 030300 Tape 0188 Std 68 °F
Office Work	Surveyed by J. J. LANIGAN
Checked	Notes J.J.L. Date 7-17-59
Date	Indexed C. Johnson 7-30-59

F. B. 2193 Pg. 23



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

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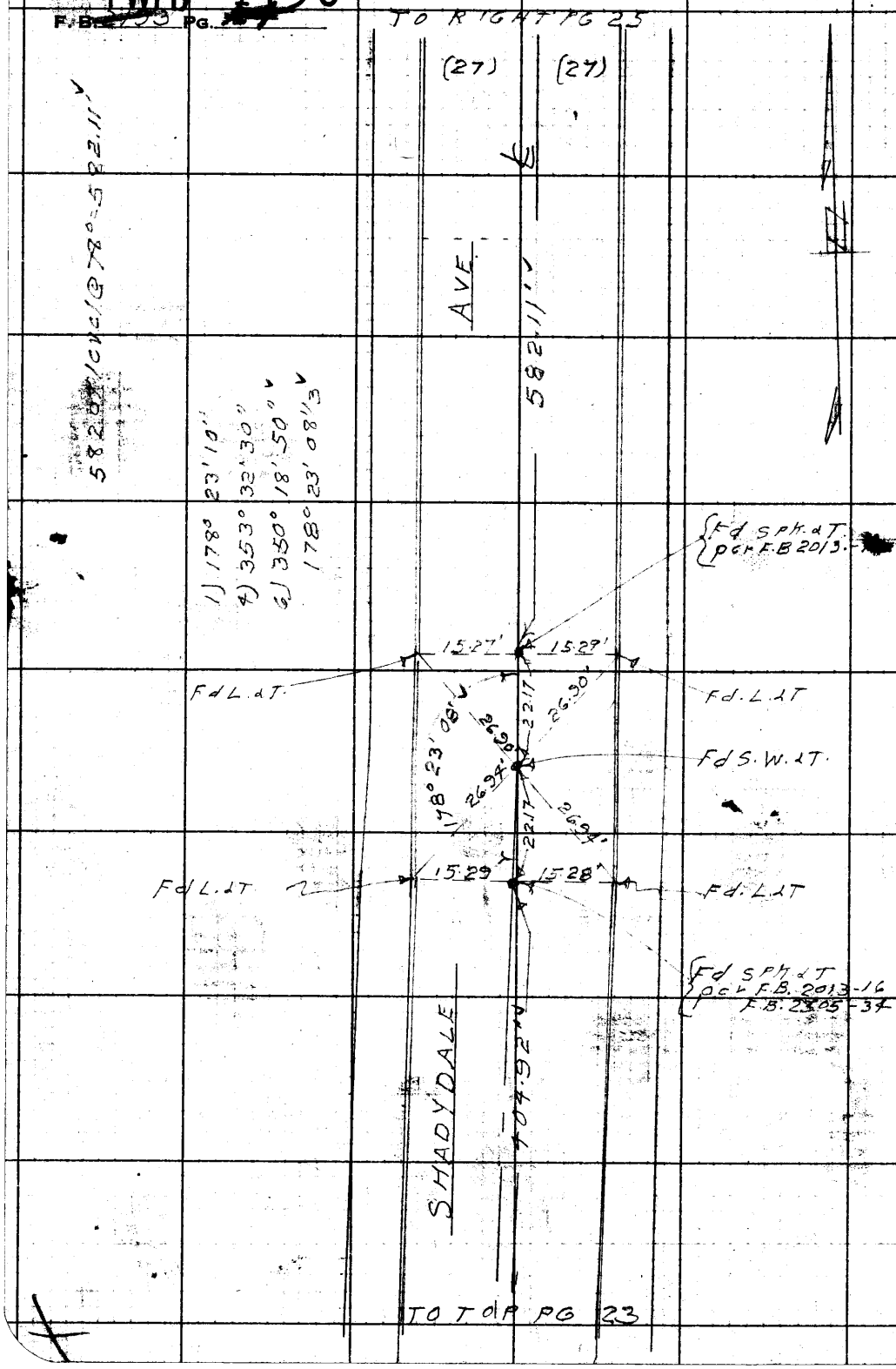
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

PWFB 1430

672

F.B. 2793 PG. [illegible]



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

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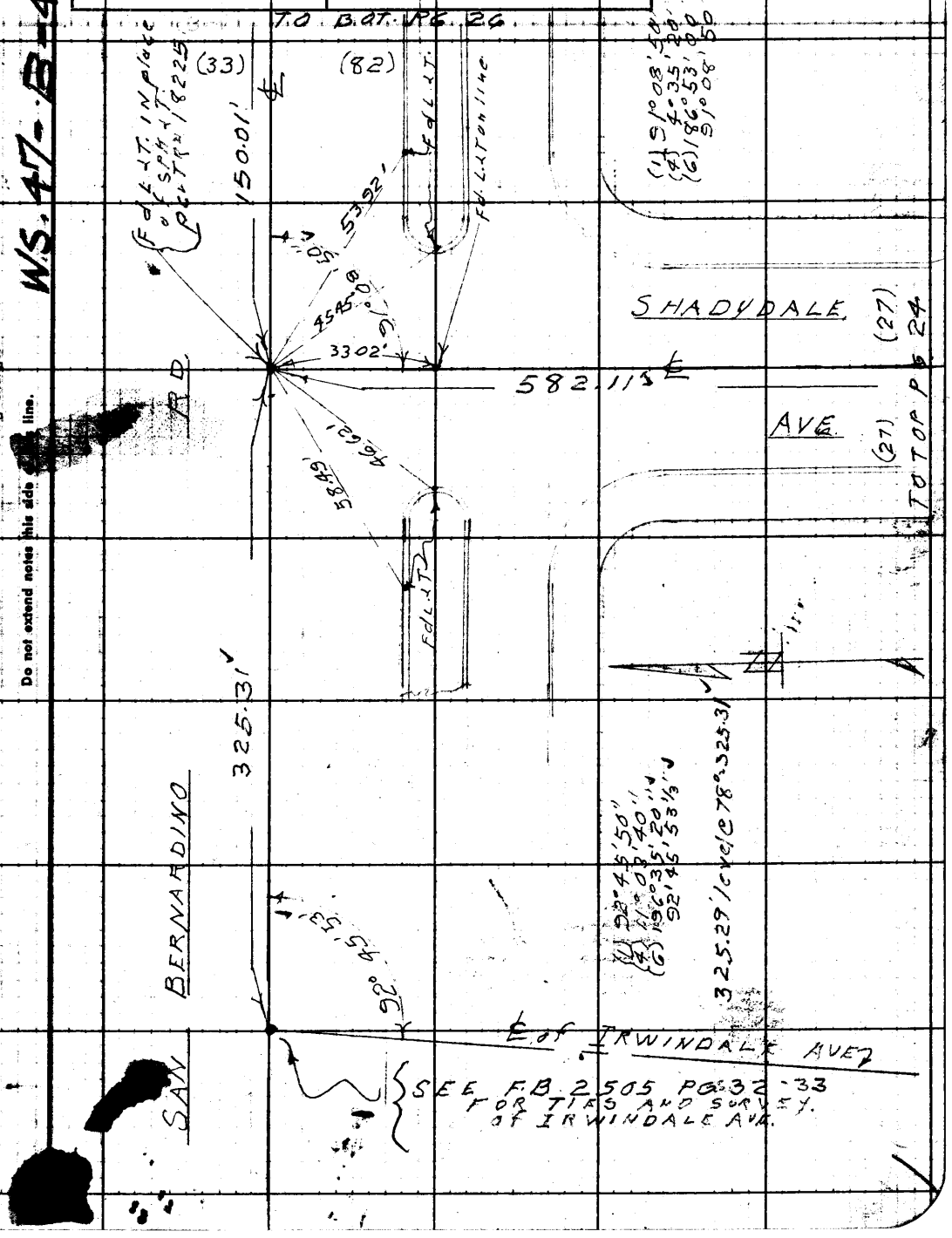
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1430 673, 674

Notes Ck'd by H. E. AUSTIN	Survey of ELLEN DR.
Map No.	JN 0303.00 Tape 0188 Std 68 °F
Office Work	Surveyed by J. J. LANIGAN.
Checked	Notes J. J. L. Date 7-20-59
Date	Indexed C. Johnson

F. B. ~~2193~~ Pg. ~~25~~



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

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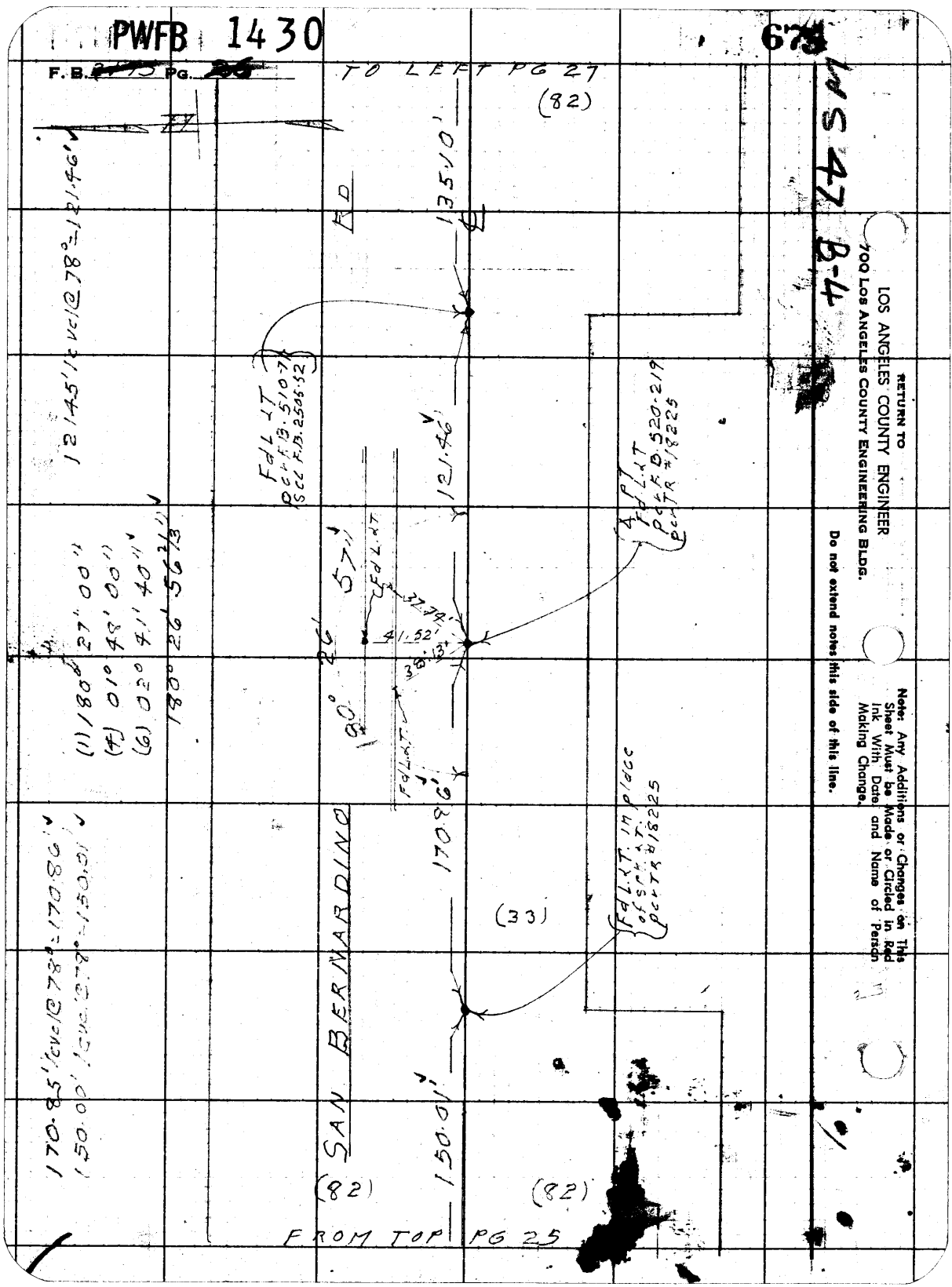
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

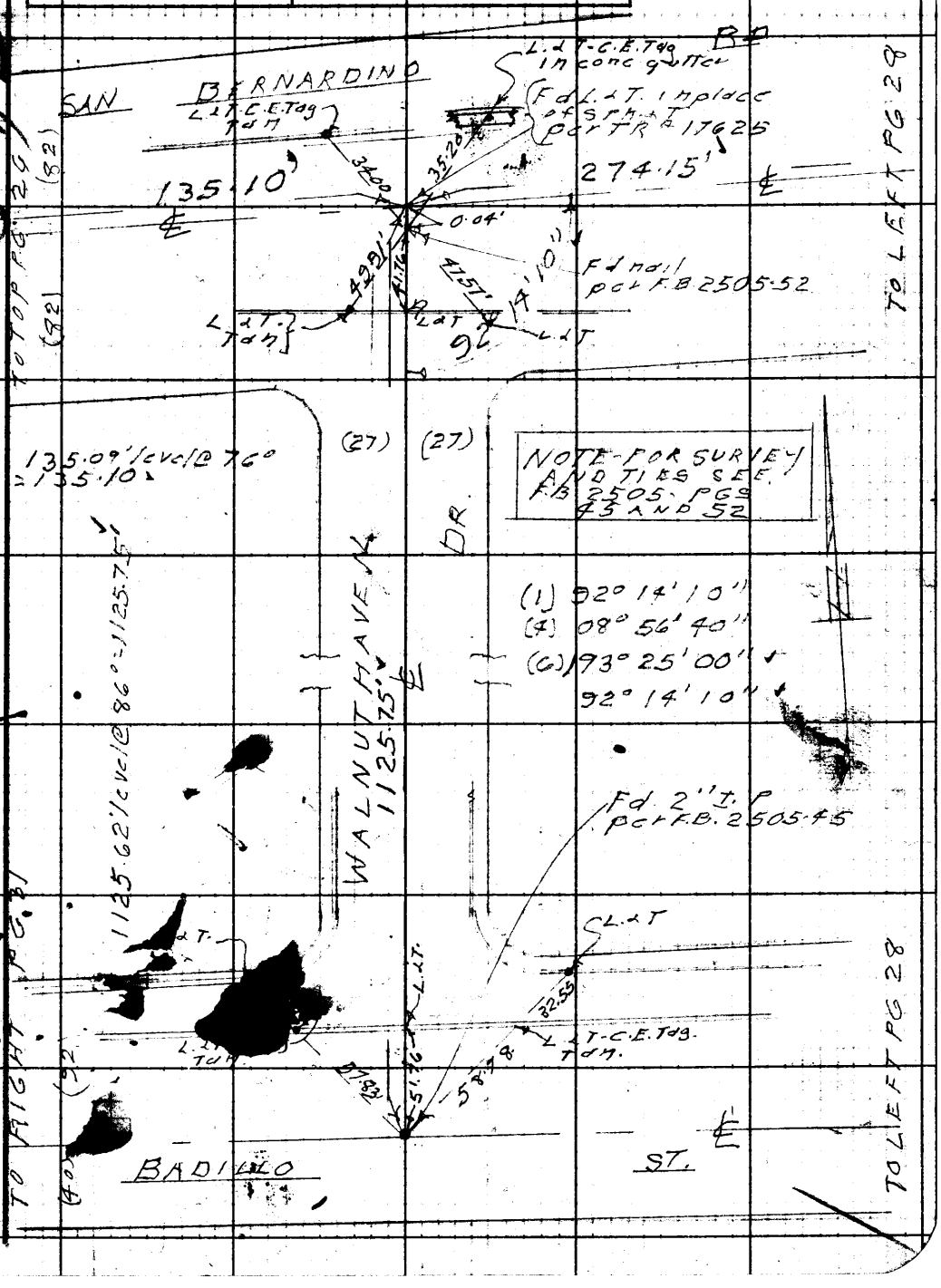
63098 CE #247—7-53


PWFB 1430
F.B. PG.
TO LEFT PG 27
(82)
135.10'
121.46'
121.45' lcvcl @ 78° = 121.46'
(1) 180° 27' 00"
(4) 01° 48' 00"
(6) 02° 41' 40"
180° 26' 56 2/3"
180° 26' 57"
FdL LT
37.74'
41.52'
38.13'
FdL LT
170.86'
170.85' lcvcl @ 78° = 170.86'
150.00' lcvcl @ 78° = 150.01'
SAN BERNARDINO
(33)
150.01'
(82)
(82)
FROM TOP PG 25
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
LS 47 B-4

PWFB 1430 676, 678

Notes Ck'd by H. E. AUSTIN	Survey of ELLEN DR
Map No.	JN 0303-09 Tape 0188 Std 68 °F
Office Work	Surveyed by J. J. LANIGAN
Checked	Notes J.J.L. Date 7-20-59
Date	Indexed A. G. Johnson

F. B. 2-3 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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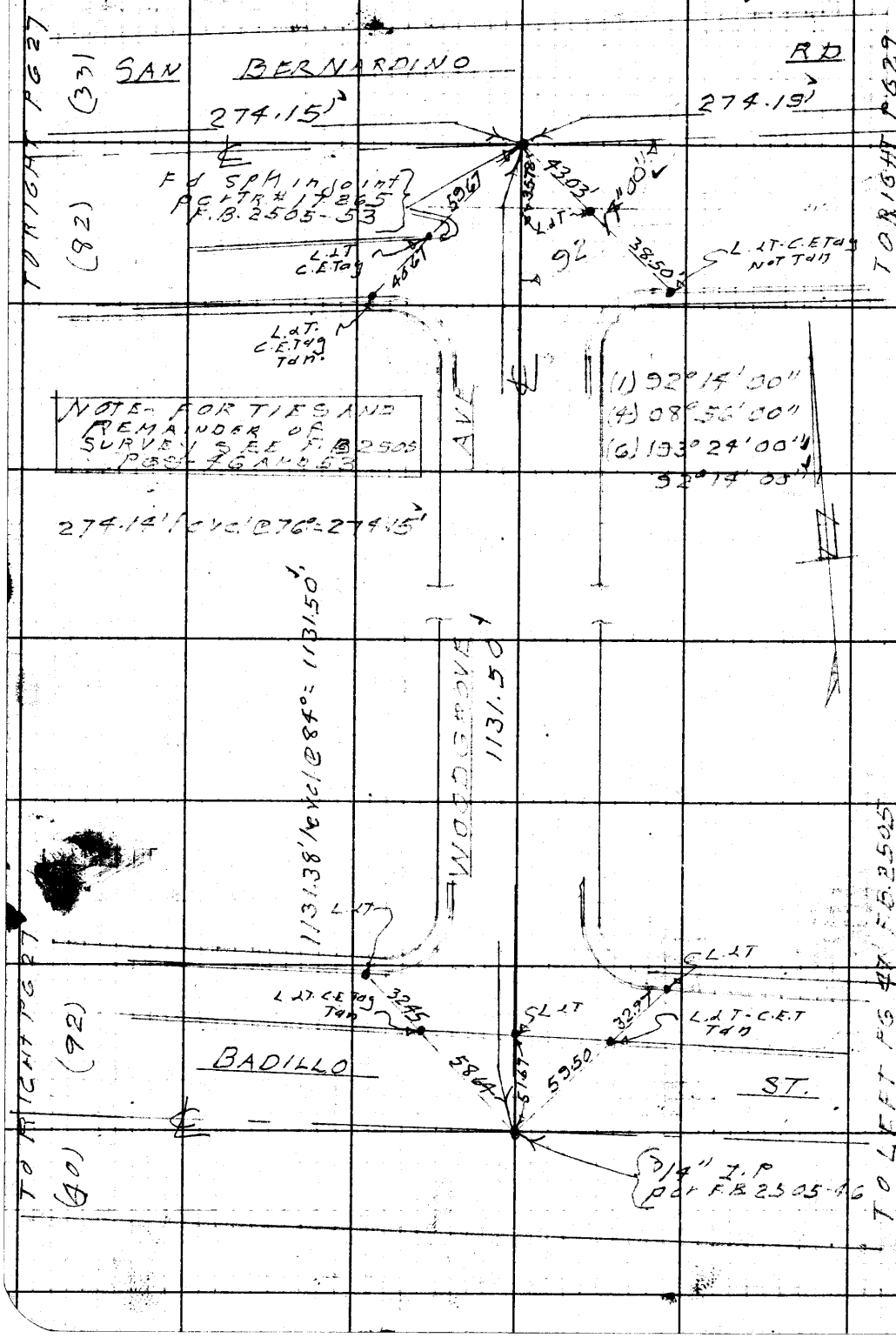
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE # 7-59

PWFB 1430

F.B. [illegible] PG. 28

679, 678, 680



MS 47 B-4

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

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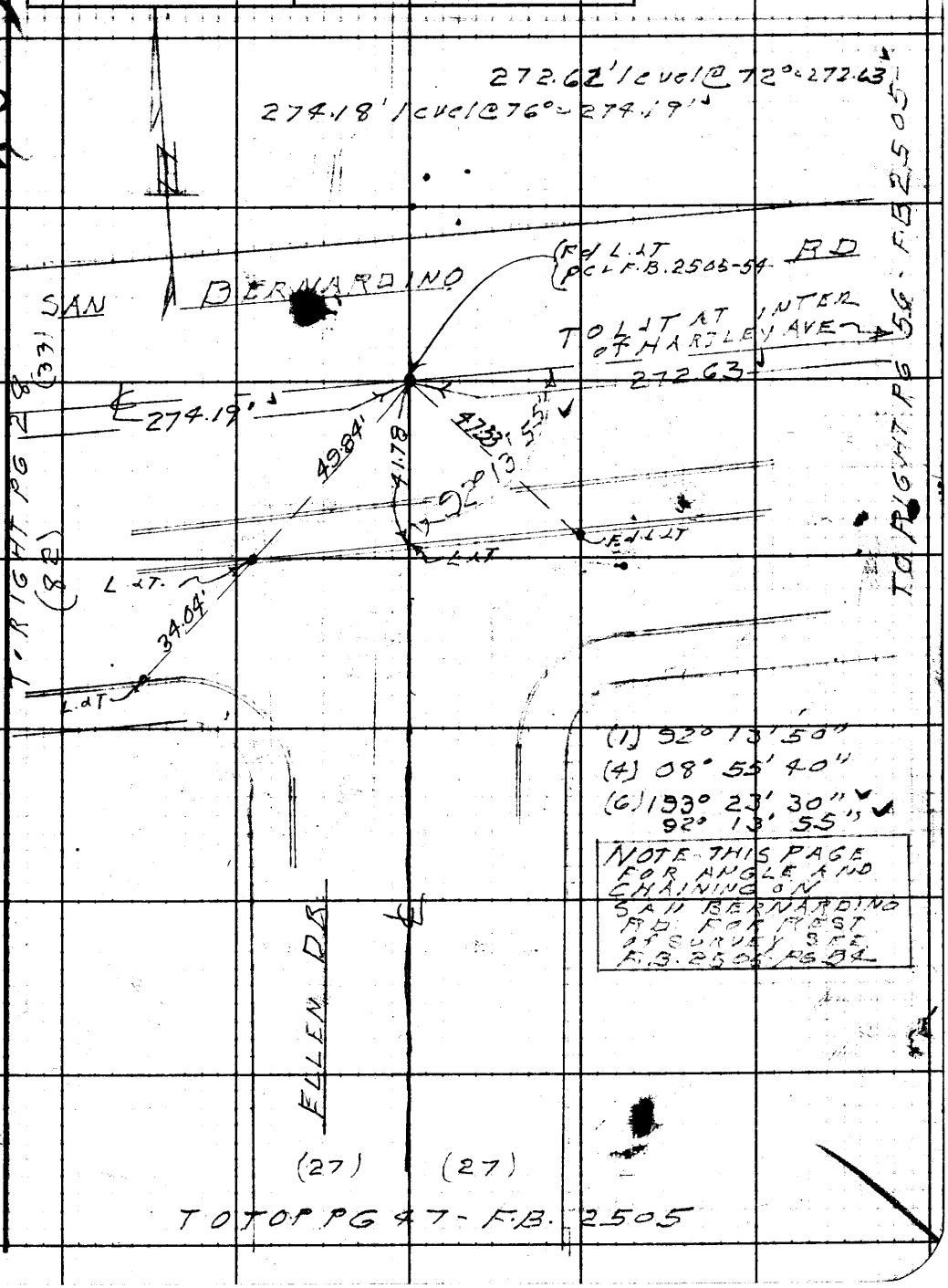
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1430 680

Notes Card by	Survey of ELLEN DR.
Map No.	JN 0303.00 Tape 0188 Std 68 °F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L. Date 7-20-57
Date	Indexed A. C. Johnson

F. B. ~~2195~~ Pg 29

W5 47 B-4



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

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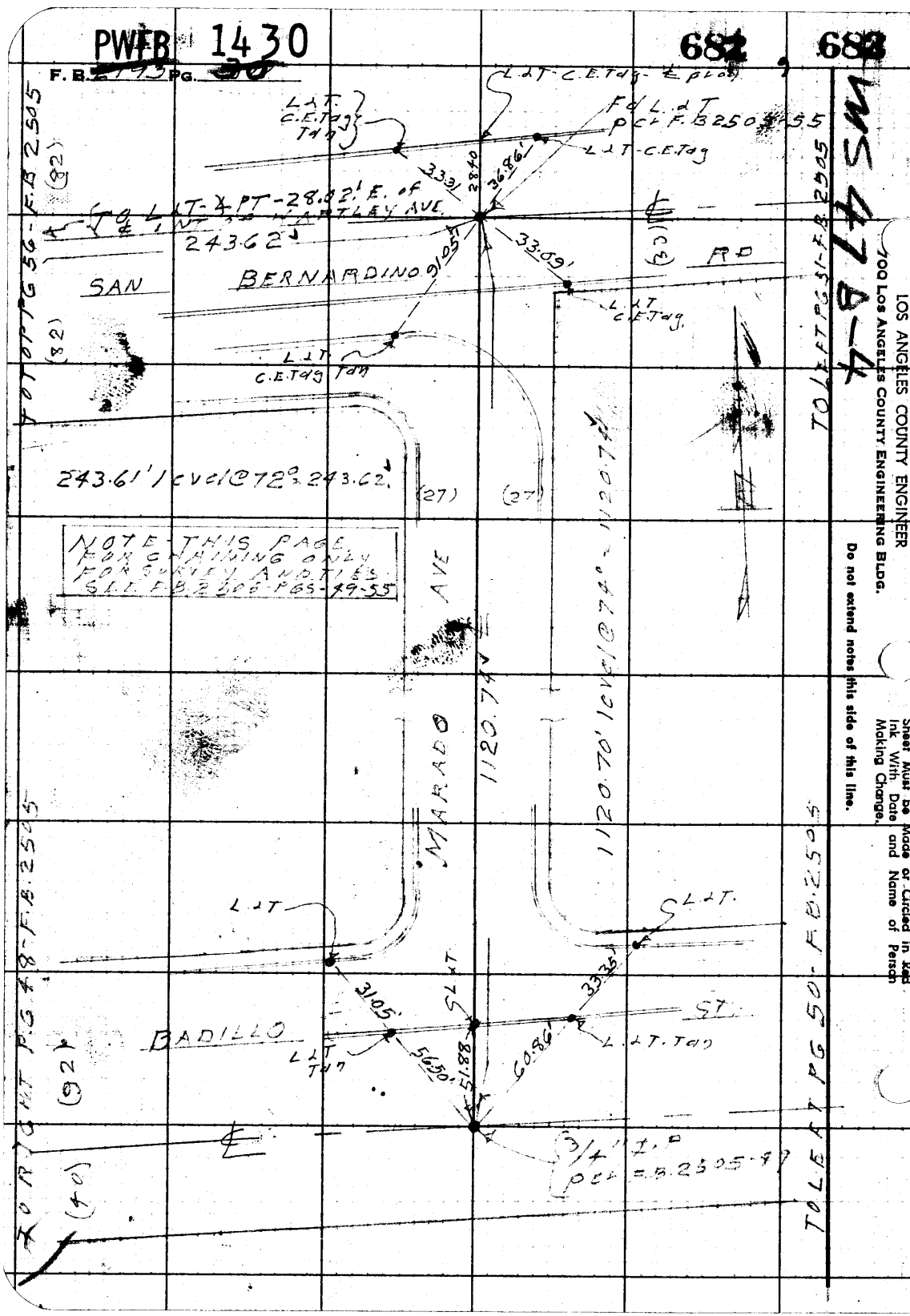
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

PWFB 1430 682 , 683

F.B. 2193 PG. 30



MS 47 B-4

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

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

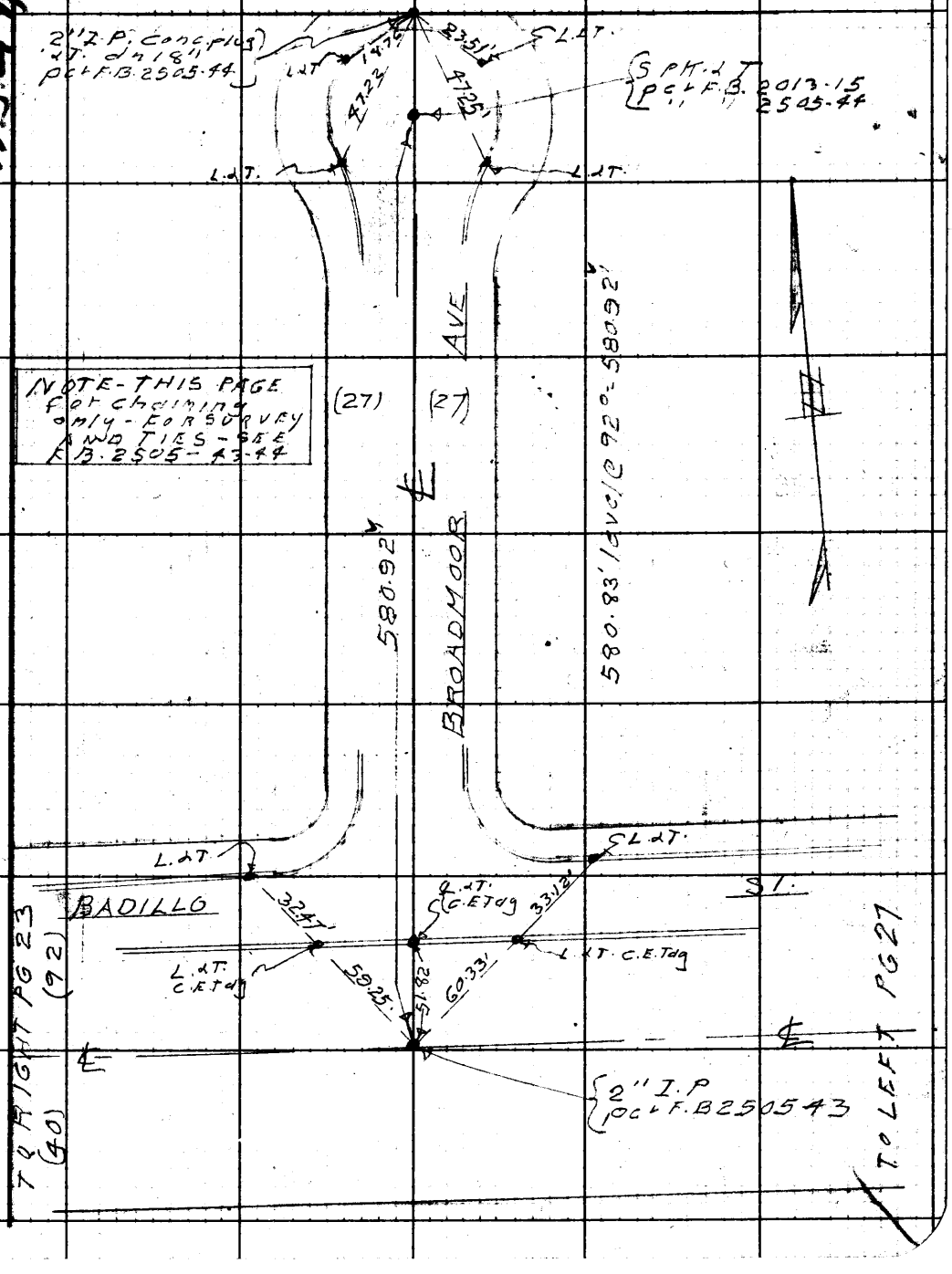
PWFB 1430

680

Notes Ck'd by	Survey of ELLEN DR
Map No.	JN 0303 00 Tape 0188 Std 68° °F
Office Work	Surveyed by J.J. LANIGAN
Checked	Notes J.J.L. Date 7-21-59
Date	Indexed A. C. Johnson

F. B. 2105 Pg. 31

W.S. 47 B-4



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

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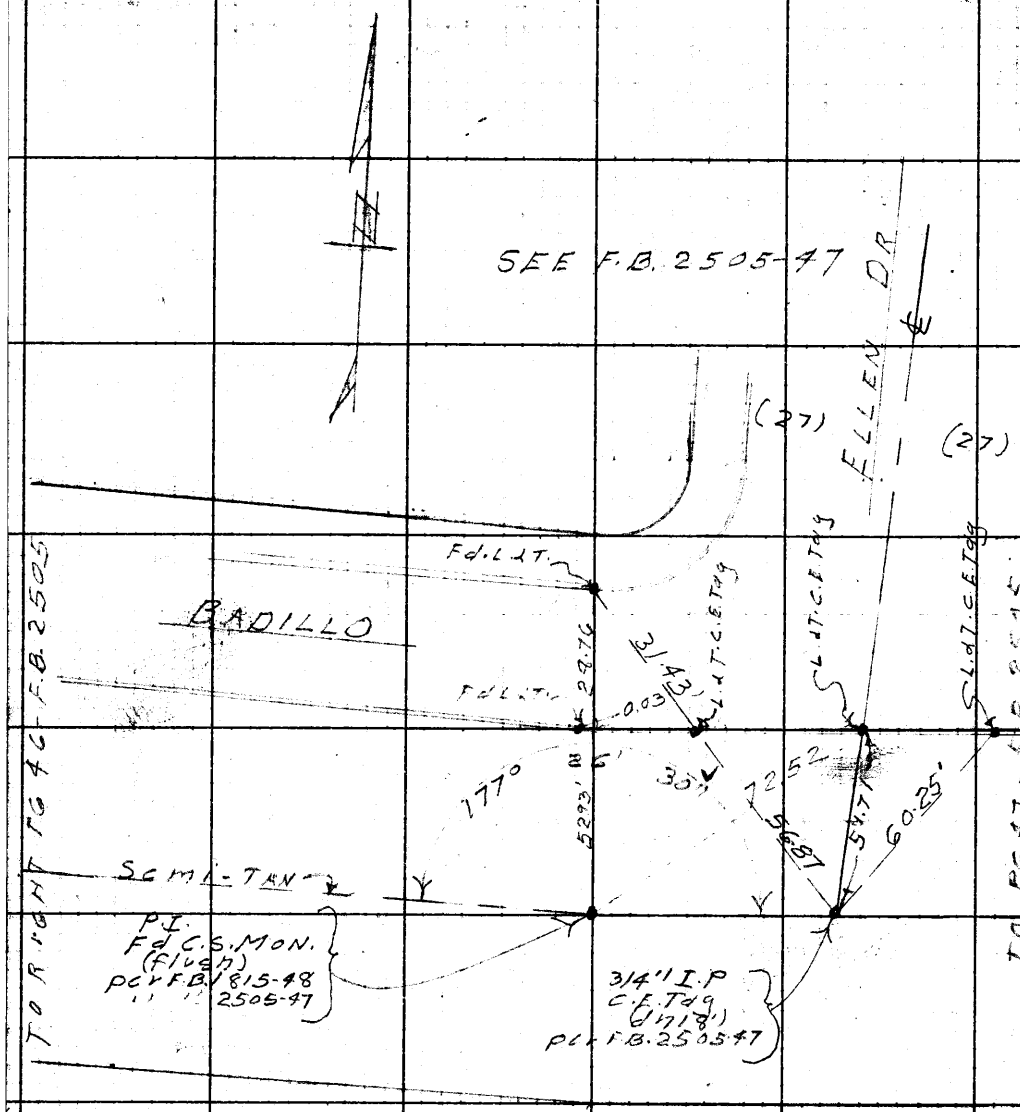
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-53

PWFB 1430

685

F.B. ~~2173~~ PG. ~~32~~



(1) 177° 26' 30"
(4) 340° 46' 00"
(6) 344° 39' 00" ✓
177° 26' 30" ✓

MS 47 B-4

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

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Profile No.	Notes Red.	Plotted	Job No. 2110.34	Division No. 10	F. B. 2175 Pg. 33
	Date	Date	Survey of ELLEN DR.		
X-Sec. No.	Notes Chkd. Miller	Checked	Survey by LANIGAN, RIKE	Notes Date 7-23-59	
	Date Aug. 1959	Date	Map No.	Indexed A. C. Johnson Date 7-30-59	

C.I. 2110.34
ELLEN DR.

INVERT ELEVATIONS OF S.S.
M.H. AT INTER. BADILLO ST.
AND IRWINDALE AVE.

STATION	B. S.	H. I.	F. S.	ELEV.
			LANIGAN.	
			RIKE	
			DOVER	
			DURAN.	

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76298 S & E #307—7-55

76298 S & E #307—7-55

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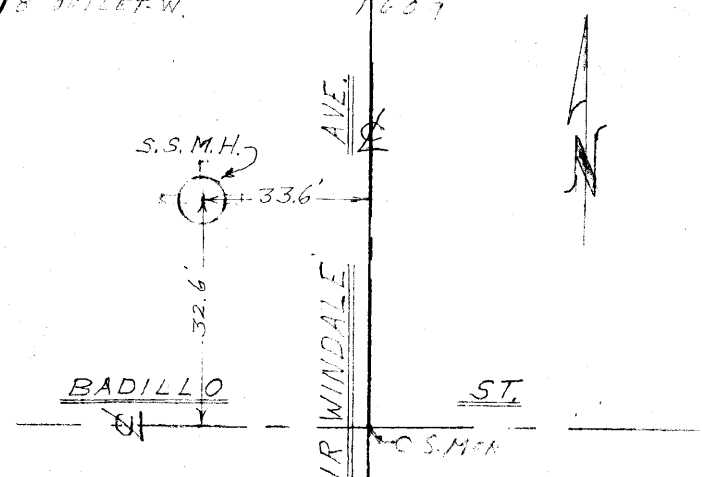
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. HV-64				414.41	ELEV. = 414.406 (UNADJ.) F.B. 2193-7 B.M. HV-64 - IRWINDALE AVE. & BADILLO ST. S.E. COR., BT SPK. IN CURB, 2' E. OF EAST END.	
	4.44	418.85				
8" INLET-E.			15.89	402.96	S.S.M.H. 8" INLET-E. - ROD 8" INLET-E. DIAM. DEPTH	5.43 0.67 9.79 15.89
					8" INLET-N. - ROD DIAM. DEPTH	5.50 0.67 9.13
8" INLET-N.			15.87	402.99	8" INLET-N.	15.87
					8" OUTLET-W. - ROD DIAM. DEPTH	5.52 0.67 9.20
8" OUTLET-W.			16.09	402.[illegible]	8" OUTLET-W.	16.09
B.M. HV-64			4.44	414.41	B.M. HV-64 ELEV. = 414.06 (UNADJ.) F.B. 2193-7 (SEE ABOVE FOR DESCRIP.)	



F. B. 2193 Pg. 34 | Job No. 2110.34 Division No. 10 Notes Red. Plotted Profile
Survey of ELLEN DR. Date No.
Survey by LANIGAN Notes PIKE Notes Chkd. Miller Checked X-Sec.
Indexed J. G. Johnson Date Aug 1959 Date No.

Notes Ck'd by	Survey of Ellen Drive	F. B. 2193 PG. 35
Map No.	JN 2110.34 Tape — Std — °F	
Office Work	Surveyed by F.E. Brooks	
Checked	Notes F. E. B. C. Johnson Date 14 Aug 59	
Date	Indexed AUG 21 '59	

JN 0303.00

ELLEN DRIVE.

C.I. 2110

Location of Box Drain at Badillo St. and S.M.H. 2+91 I N. of Badillo St.

Party

Brooks
Le Gault
Turrill
Siemann

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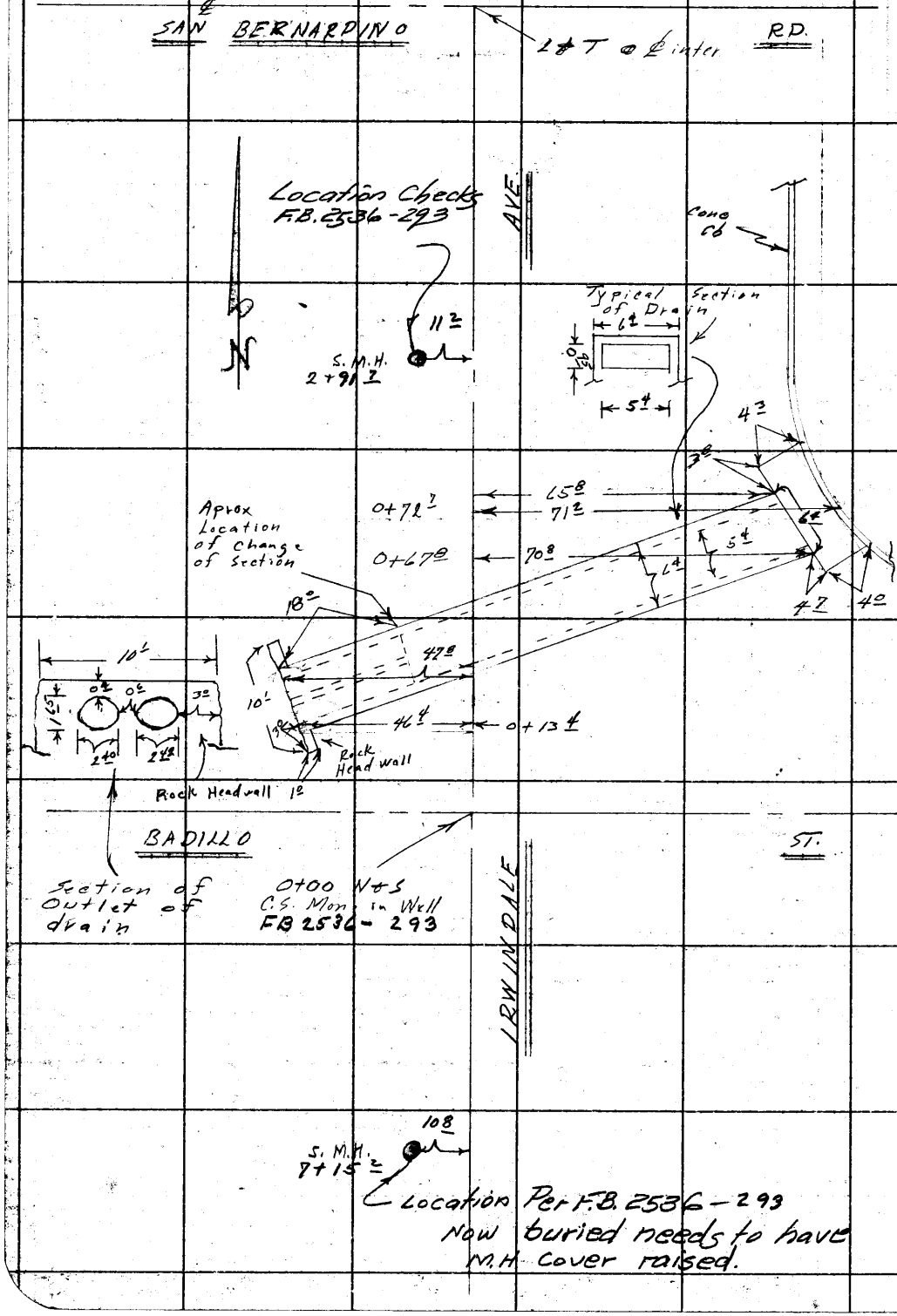
763098 CE #247—7-53

F. B. 2193 PG. 36



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Profile No.	Notes Red.	Plotted	Job No. 2110.34	Division No. 10	F. B. 2193 Pg. 387
	Date	Date	Survey of Ellen Drive	C.I. 2110	
X-Sec. No.	Notes Chkd.	Checked	Survey by F.E. Brooks	Notes F.E.B.	Date 14 Aug 59
	Date	Date	Map No.	Indexed C. Johnson	Date AUG 21

J.N. 0303.00

ELLEN DRIVE

C.I. 2110

Invert Elev. on Drain across Irwindale Ave at Badillo St. and Invert on S.M.H 2+91.2 N. of Badillo St.

Party

Brooks
Le Gault
Turrill
Siemann

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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Profile No. ___ X-Sec. No. ___ Plotted ___ Date ___ Notes Red. ___ Date ___ Notes Chkd. ___ Date ___ Checked ___ Date ___

Division No. 10 Job No. 2110.74 CI 2110 Ellen Drive F.E.B. Notes ___ Survey of ___ Survey by ___ Indexed ___ F. B. 4/93 Pg. 38

STATION	B. S.	H. I.	F. S.	ELEV.		
BM HV-64	3846	418252 ✓		414 406	✓ BM H.V.64 Elev 414.406 (unadj.) F.B. 2193-7 Irwindale Ave & Badillo St. N E. Cor Bt spk in curb 6' E. of E. end. C.R.	
0+14.6	N.	of Badillo St.	713	411 12	✓ 46.4' L. Invert of 1.65 x 2.42 Corr. Iron pipe	
0+17.6	N.	"	694	411 31	✓ 47' " " " "	X " " " "
0+72.7	N.	"	520	413 05	✓	71.2 R. Bottom of cb.
"		"	418	414 07	✓	" " Top Cb.
"	N	"	410	414 15	✓ Rod Top C.B. = 410 meas = 2.21 Invert C.B. = 631	67' " Top Catch Basin
"		"	631	411 94	✓	" " Invert " "
2+91.7	N	"	431	413 94	✓ 11.2 L S. M.H.	8" Inlet N Rod 431 meas 4.27 dia 0.67 = 9.25 / 8" outlets S Rod 431 meas 4.31 dia 0.67 = 9.29
			925	409 00	✓ Invert 8" Inlet N	
			929	408 96	✓ " " Outlet S	
BMSD105	5152	418354 ✓	5050	413202	✓ BMSD105 ELEV 413.252 F.B. 2502-12	
Note: See F.B. 2536 - Pg. 293-295 Incl. for Polymer Plant waste water Line.						
BMHV-64			3950	414404	✓ BMHV-64 ELEV - 414 406 DIS. top Pg.	

NOTES RED. JOB NO. C.I. 2167.34 SURVEY OF TURNBULL CYN. RD.
DATE SURVEY BY L.L.B.
NOTES CHKD. NOTES BY P.V.T. DATE 11-29-60
DATE INDEXED H. E. OTT DATE DEC 15 60

F. B. 2193 PG. 41

DESCRIPTION

TURNBULL CANYON ROAD
BENCH LEVELS

C.I. 2167.34

BENCH LEVEL CIRCUIT FROM PRECISE B.M. 42-5 THROUGH B.M. AZ-28 AND B.M. AZ-42 AND RETURN TO PRECISE B.M. 42-5. TO ESTABLISH A CORRELATION OF B.Ms. IN THIS AREA.

ADJ. ELEV.	PARTY BROWN, L.L. HARRINGTON, P. FALSEY, J. MARTINEZ, E. WORKMAN, A.
3RD RUN	
2ND RUN	
DIFF.	
1ST RUN	
B.M.	

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765420 S & E-353 4-54

769420 S & E-353 4-54

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JOB NO. G.T. 2162 34 SURVEY OF TURNBULL CYN. RD. NOTES RED. DATE
SURVEY BY L.L.B. NOTES CHKD. DATE
NOTES BY R.H. DATE 11-29-60
INDEXED B.E.O. DATE

F.B. 2193 PG. 42

B.M.	1ST RUN		DIFF.		2ND RUN		3RD RUN	ADJ. ELEV.	DESCRIPTION
								329.316	B.M. 42-5 ELEV. 329.316 F.B. 1363-181 GALE AVE. & 9TH AVE. N.E. CORNER, 53.7 FT S.E'LY. FROM ℄ OF 9TH AVE. & 24.1 FT. N. E'LY. FROM ℄ OF GALE AVE. A STD. CO. SURV. MON. STAMPED B.M. 42-5 1954 R.E. 63", 10" BELOW THE SURFACE IN A HANDHOLE.
FD. B.M. 42-6	329	316 ✓							
+	6	626			6	662			
Σ	335	942 ✓	+1	156	+1	154			
−	5	470			5	508			
FD. B.M. AZ-28	330	472 ✓						330.472	B.M. AZ-28 ELEV. 330.416 F.B. 1926-23 9TH AVE. & GALE AVE., N.E. CORNER BT. SPK. IN CB., 5' E. OF W. END
+	4	203			4	178			
Σ	334	675 ✓	-2	113	-2	112			
−	6	316			6	290			
T.P.	328	359 ✓							T.P.
+	3	243			3	252			
Σ	331	602 ✓	-1	528	-1	530			
−	4	771			4	782			
T.P.	326	831 ✓							T.P.
+	4	382			4	403			
Σ	331	213 ✓	-1	048	-1	050			
−	5	430			5	453			
FD. B.M. AZ-42	325	783 ✓						325.783	B.M. AZ-42 ELEV. 325.714 F.B. 1926-32 VALENCIA AVE. & GALE AVE., S.E. CORNER, BT. SPK. IN CB., 5' S. OF S. END C.R.
+	5	366			5	405			
Σ	331	083 ✓	+0	252	+0	255			
−	5	046			5	150			
T.P.	326	035 ✓							T.P.
+	6	803			6	775			
Σ	332	838 ✓	+1	780	+1	780			
−	5	023			4	995			
T.P.	327	815 ✓							T.P. (CONT)

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B.M.	1ST RUN		DIFF.		2ND RUN		3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	327	815 ✓							(CONT)
+	6	855			6	905			
⊼	334	670 ✓	+1	4.97	+1	4.97			
−	5	358			5	4.08			
B.M. 42-5	329	312 ✓						329.316	B.M. 42-5 ELEV. 329.316 F.B. 1363-181 SEE PG. 42 FOR DESCRIPTION

NOTES RED. _____ JOB NO. _____ SURVEY OF TURNBULL GYM. RD.
DATE _____ SURVEY BY L.L.B.
NOTES CHKD. _____ NOTES BY P.H. DATE 11-25-60
DATE _____ INDEXED H. E. OTT DATE _____

F.B. 2193 PG. 43

F. B. 2193 Pg. 44

JOB NO. C.I. 2167 34 SURVEY OF TURNBULL CYN. RD. NOTES RED.

SURVEY BY L.L.B. DATE

NOTES BY P.H. DATE 11-29-60 NOTES CHKD.

INDEXED DATE DATE

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

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NOTES RED _____ JOB NO. CI 2167.34 SURVEY OF TURNBULL CYN. RD.
DATE _____ SURVEY BY L.L.B.
NOTES CHKD. _____ NOTES BY P.H. DATE 11-29-60
DATE _____ INDEXED H. E. OTT DATE _____

F. B. 2193 PG. 45

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
TURNBULL CANYON ROAD BENCH LEVELS C.I. 2167.34	PARTY BROWN, L.L. HARRINGTON, P. FALSEY J. MARTINEZ, E. WORKMAN, A.	indexed 12-16-60				

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
FD. B.M. AZ-22	325 374					B.M. AZ-22 EL. 325.374 F.B. 1926-20
+	6 624		6 598			TURNBULL CANYON RD. & GALE AVE.
⊼	331 998	+2 791	+2 790			N.W. COR., BT. SPK. IN Cb. 5' W. OF W.
−	3 833		3 808			END C.R.
T.P.	328 165					T.P.
+	6 908		6 903			
⊼	335 073	+2 293	+2 291			
−	4 615		4 612			
T.P.	330 458					T.P.
+	7 568		7 643			
⊼	338 026	+3 490	+3 493			
−	4 078		4 150			
T.P.	333 948					T.P.
+	7 771		7 747			
⊼	341 719	+3 353	+3 354			
−	4 418		4 393			
T.P.	337 301					T.P.
+	8 415		8 404			
⊼	345 716	+5 201	+5 204			
−	3 214		3 200			
T.P.	342 502					T.P.
+	7 098		7 086			
⊼	349 600	+3 188	+3 186			
−	3 910		3 900			
FD. B.M. AZ-24	345 690					B.M. AZ-24 EL. 345.690 F.B. 1926-21
+	7 092		7 085			TURNBULL CANYON RD. & PALM AVE.
⊼	352 782	+4 264	+4 266			N.W. COR., BT. SPK. IN Cb. 4' N. OF N.
−	2 828		2 819			END C.R.
T.P.	349 954					
						(CONT.)

JOB NO. GI. 2162 34 SURVEY OF TURNBULL CYN. RD. NOTES RED.
SURVEY BY L.L.B. DATE
NOTES BY P.H. DATE 11-29-60 NOTES CHKD.
INDEXED H. E. OTT DATE DATE

F. B. 2193 PG. 46

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	349 954					(CONT.)
+	6 327		6 314			
Π	356 281	+3 128	+3 125			
−	3 199		3 189			
SET B.M. A.Z-406	353 082					B.M. A.Z. 406
+	7 759		7 750			TURNBULL CANYON RD., EAST SIDE,
Π	360 841	+5 505	+5 505			320 ± FT. S. INT. OF PALM AVE.
−	2 254		2 245			& TURNBULL CYN. RD., BT. SPK. IN
T.P.	358 587					TOP OF STORM DRAIN BOX - OUTLET
+	8 809		8 779			
Π	367 396	+7 179	+7 180			
−	1 630		1 599			
SET B.M. AZ. 407	365 766					B.M. AZ. 407
+	8 377		8 367			TURNBULL CANYON RD., WEST SIDE,
Π	374 143	+5 358	+5 356			882 ± FT. S. INT. OF PALM AVE &
−	3 019		3 011			TURNBULL CYN. RD., BT. SPK. IN CB.,
T.P.	371 124					2 FT. S. OF P.P. #E 1255 SY
+	8 654		8 636			
Π	379 778	+5 610	+5 597			
−	3 054		3 039			
T.P.	376 724					
+	7 589		7 549			
Π	384 313	+3 113	3 112			
−	4 476		4 437			
SET B.M. A.Z. 408	379 837					B.M. AZ. 408
						TURNBULL CANYON RD. & LOS RODELES
						AVE., N.E. COR., BT. SPK. IN CB.,
						1 FT. W. OF E. END OF CB.
						(CONT.)

NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. LT 2162-36 SURVEY BY. L.L.B.
NOTES BY. P.T. SURVEY OF TURNBULL CYN. RD.
INDEXED. DATE
H. E. OTT DATE 11-28-60

F.B. 283 PG. 47

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. AZ-408	379 837					(CONT.)
+	3 012		3 004			
⊼	382 849	-4 960	-4 962			
−	7 972		7 966			
T.P.	374 877					T.P.
+	3 288		3 280			
⊼	378 165	-3 187	-3 185			
−	6 475		6 465			
SET B.M. AZ-409	371 690					B.M. AZ-409
+	7 475		7 403			LOS ROBLES AVE., NORTH SIDE,
⊼	379 165	+5 435	+5 433			406 ± FT. E. OF INT. LOS ROBLES AVE.
−	2 040		1 970			& TURNBULL CYN. RD, BT. SPK. IN Cb.
T.P.	377 125					IN FRONT OF HO. # 15237
+	8 308		8 286			
⊼	385 433	+6 599	+6 599			
−	1 709		1 687			
T.P.	383 724					T.P.
+	9 728		9 744			
⊼	393 452	+8 443	8 440			
−	1 285		1 301			
T.P.	392 167					
+	7 475		7 406			
⊼	399 642	+5 234	+5 236			
−	2 241		2 170			
SET B.M. AZ-410	397 401					B.M. AZ-410
+	7 497		7 462			TURNBULL CANYON RD. &
⊼	404 898	+6 245	+6 243			VALLECITO DR., SOUTH SIDE, ℄
−	1 252		1 219			PROD. OF TURNBULL CYN. RD. NORTH,
T.P.	403 646					LD. & TK. IN Cb.
						(CONT.)

JOB NO. CI 2167 34 SURVEY OF TURNBULL CYN. RD. NOTES RED.
SURVEY BY L.L.B. DATE
NOTES BY P.H. DATE 11-30-60 NOTES CHKD.
INDEXED H. E. OTT DATE DATE

F. B. 2193 PG. 48

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	403.646					(CONT.)
+	6.589		6.539			
⊼	410.235	+4.143	+4.146			
−	2.446		2.393			
SET B.M. AZ-411	407.789					B.M. AZ-411
+	0.880		0.860			VALLECITO DR., WEST SIDE,
⊼	408.669	-8.134	-8.131			375± FT. S. ELY. OF INT. TURNBULL
−	9.014		8.991			CYN. RD. & VALLECITO DR., BT. SPK. IN
T.P.	399.655					HEAD-WALL, S. SIDE, IN FRONT
+	8.544		8.525			OF HO. # 1635
⊼	408.199	-0.280	-0.277			
−	8.824		8.802			
T.P.	399.375					
+	11.870		11.834			
⊼	411.225	+8.603	+8.600			
−	3.267		3.234			
SET B.M. AZ-412	407.978					B.M. AZ-412
+	9.318		9.295			TURNBULL CANYON RD., NORTH
⊼	417.296	+6.718	+6.715			SIDE, 395± FT. W'LY. OF INT.
−	2.600		2.580			TURNBULL CYN. RD. & VALLECITO
T.P.	414.696					DR., BT. SPK. IN Cb., IN FRONT
+	7.895		7.863			OF HO. # 1647
⊼	422.591	+5.696	+5.695			
−	2.199		2.168			
T.P.	420.392					
+	7.682		7.653			
⊼	428.074	+5.852	+5.851			
−	1.830		1.802			
SET B.M. AZ-413	426.244					B.M. AZ-413
						(CONT.)

NOTES RED. JOB NO. OI 2167 34 SURVEY OF TURNBULL CYN. RD.
DATE SURVEY BY L.L.B.
NOTES CHKD. NOTES BY P.M. DATE 11-30-60
DATE INDEXED H. E. OTT DATE

F. B. 2193 PG. 49

76S420 S & E-353 4-54

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JOB NO. 2167 34 SURVEY OF TURNBULL CYN. RD.
SURVEY BY L.L.S.
NOTES BY R.H. DATE 11-30-60
INDEXED H. E. OTT DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2193 PG. 50

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
SET B.M. AZ-413	426.244					B.M. AZ.-413 (CONT.)
+	9.140		9.174			TURNBULL CANYON RD. &
Π	435.384	+ 8.878	+ 8.876			LA MESITA DR., S.E. CORNER,
−	0.262		0.298			BT. SPK. IN CB., 1' E. OF E. END C.P.
T.P.	435.122					T.P.
+	9.080		9.096			
Π	444.202	+7.913	7.914			
−	1.167		1.182			
T.P.	443.035					T.P.
+	10.608		10.580			
Π	453.643	+5.848	+5.850			
−	4.760		4.730			
SET B.M. AZ-414	448.883					B.M. A.Z.-414
+	3.297		3.255			TURNBULL CANYON RD. & 9TH AVE.
Π	452.180	-4.788	-4.787			SOUTH SIDE, & PROD. 9TH AVE.
−	8.085		8.042			LD. & TK. IN CB.
T.P.	444.095					T.P.
+	0.407		0.393			
Π	444.502	-9.152	-9.154			
−	9.559		9.547			
T.P.	434.943					T.P.
+	1.013		1.023			
Π	435.956	-8.616	-8.616			
−	9.629		9.639			
T.P.	426.327					T.P.
+	1.143		1.098			
Π	427.470	-8.207	-8.206			
−	9.350		9.304			
T.P.	418.120					T.P. (CONT)

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	418 120					(CONT.)
+	0 779		0 755			
Σ	418 899	-7 506	-7 506			
−	8 285		8 261			
T.P.	410 614					T.P.
+	2 620		1 993			
Σ	412 634	-6 272	-6 275			
−	8 292		8 270			
T.P.	404 342					T.P.
+	1 190		1 101			
Σ	405 532	-6 610	-6 609			
−	7 800		7 710			
SET B.M. AZ. 415	397 732					B.M. A.Z.-415
+	1 675		1 690			LOS ROBLES AVE., SOUTH SIDE,
Σ	399 407	-5 213	-5 212			358 ± FT. E. OF INT. 9TH AVE. &
−	6 888		6 902			LOS ROBLES AVE., BT. SPAN. HEAD-
T.P.	392 519					WALL, E. SIDE, IN FRONT OF
+	3 062		3 088			HO. #15026
Σ	395 581	-3 648	-3 647			
−	6 710		6 735			
SET B.M. AZ. 416	388 871					B.M. A.Z. 416
+	3 360		3 341			LOS ROBLES AVE., NORTH SIDE,
Σ	392 231	-3 083	-3 081			551 ± FT. W. OF INT. LOS ROBLES
−	6 443		6 422			AVE. & TURNBULL CYN. RD., BT. SPAN
T.P.	385 788					IN HEAD-WALL, E. SIDE, IN FRONT
+	2 162		2 282			OF HO. #15111
Σ	387 950	-5 753	-5 753			
−	7 915		8 035			
T.P.	380 035					T.P.
						(CONT.)

NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 61-2162 SURVEY OF TURNBULL CYN. RD.
SURVEY BY L.K.B.
NOTES BY B.E.O.
INDEXED DATE
DATE
F.B. 2-23 PG. 57

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
T.P.	380 035					(CONT)
+	1 735		1 690			
⊼	381 770	-6 807	-6 808			
−	8 542		8 498			
T.P.	373 228					T.P.
+	2 345		2 328			
⊼	375 573	-6 545	-6 547			
−	8 890		8 875			
T.P.	366 683					T.P.
+	2 525		2 472			
⊼	369 208	-6 630	-6 633			
−	9 155		9 105			
T.P.	360 053					T.P.
+	2 385		2 411			
⊼	362 438	-6 240	-6 237			
−	8 625		8 648			
T.P.	353 813					T.P.
+	3 520		3 508			
⊼	357 333	-3 282	-3 281			
−	6 802		6 789			
T.P.	350 531					T.P.
+	2 218		2 185			
⊼	352 749	-4 844	-4 845			
−	7 062		7 030			
F.D. B.M.AZ.24	345 687					B.M. AZ. 24 EL. 345.690 F.B. 1926-21 TURNBULL CANYON RD. & PALM AVE., N.W. COR., BT. SPK. IN Cb., 4' N. OF N. END C.R.

JOB NO. CI 2167 34 SURVEY OF TURNBULL CYN. RD. NOTES RED.
SURVEY BY L.L.B. DATE
NOTES BY P.H. DATE 11-30-60 NOTES CHKD.
INDEXED H. E. OH DATE DATE

F.B. 2193 PG. 52

PWFB 1129

2384

Notes Ck'd by	Survey of TURNBULL CAÑ. RD. S.S. DWF.
Map No.	JN 2167.34 Tape 0184 Std 68 °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 11-30-60
Date	Indexed

F. B. ~~2193~~ PG. ~~63~~

TURNBULL CAÑON ROAD

C.I. 2167.34

CENTERLINE SURVEY

PARTY

BROWN, L. L.
HARRINGTON, P.
FALSEY, J.
MARTINEZ, J.
WORKMAN, A.

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

Do not extend this side of this line.

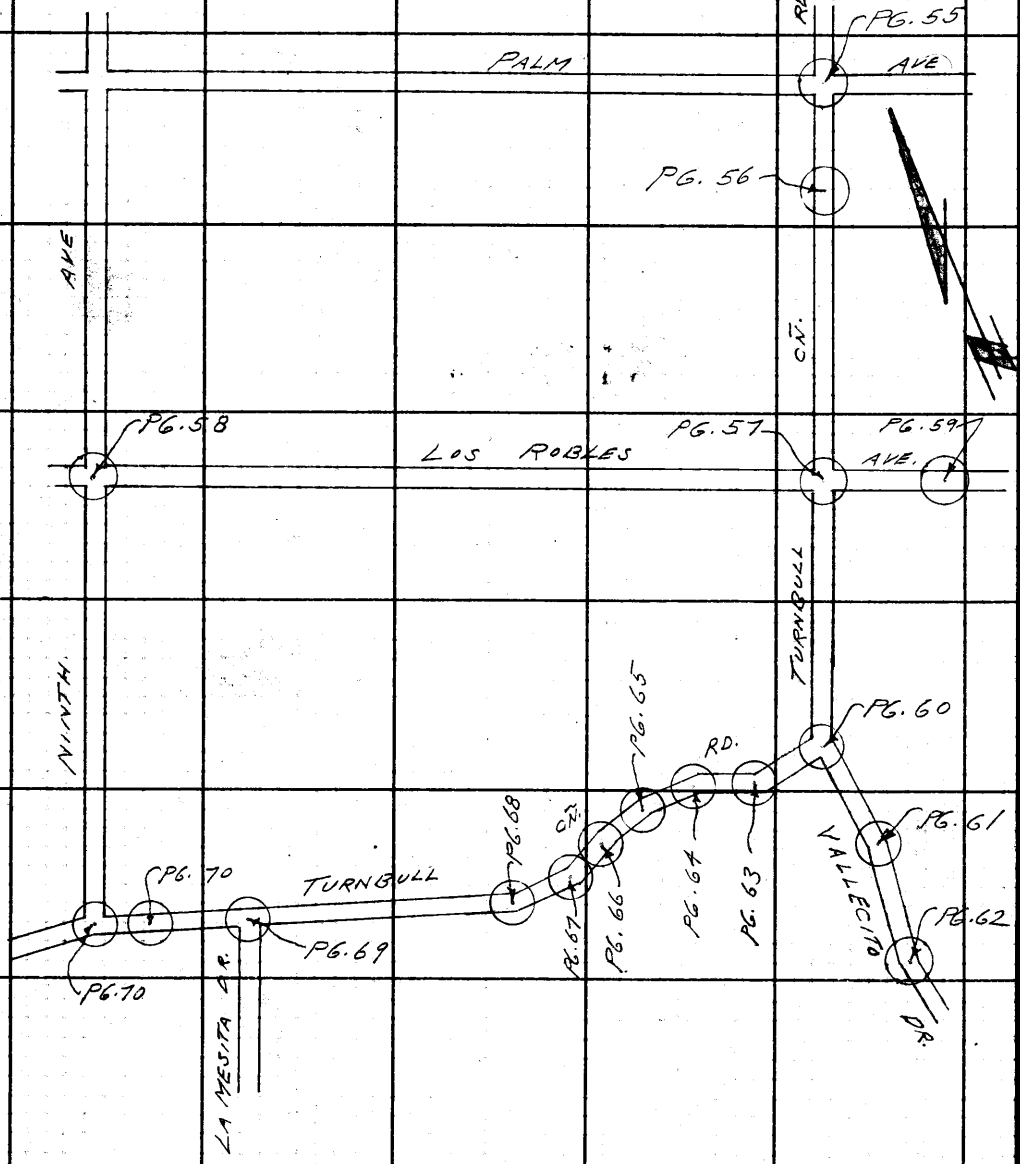
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

PWFB 1129

2385

F. B. ~~2193~~ PG. ~~54~~

INDEX MAP



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

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

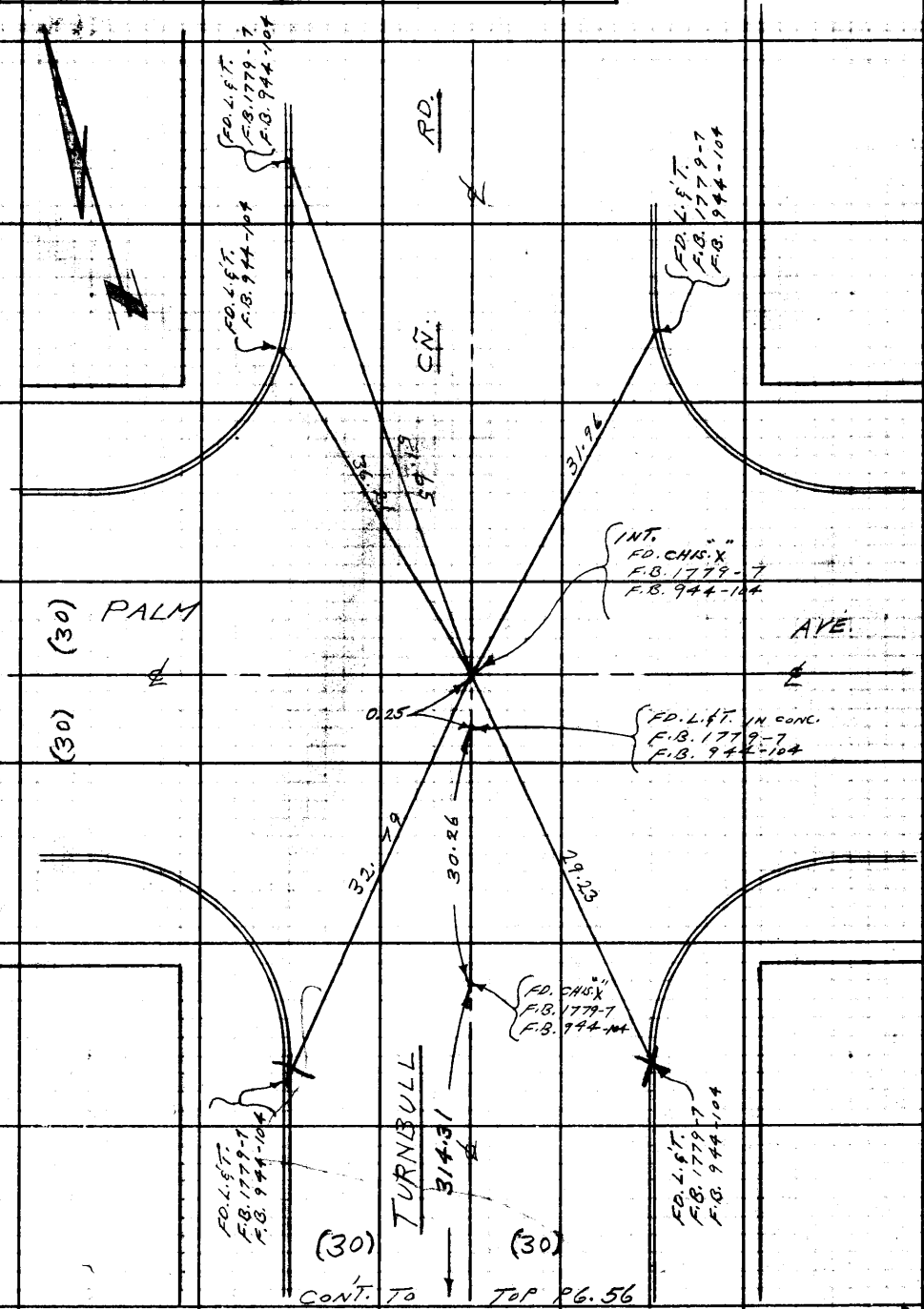
PWFB 1129

2386

Notes Ck'd by	Survey of TURNBULL CN. RD. S.S.DIR.
Map No.	JN 2167.34 Tape 0184 Std 68 °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 11-30-60
Date	Indexed H. E. OTT

F. B. ~~2193~~ PG. ~~55~~

WS. 3 E-3



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

Do not extend this line of this line.

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

76F3098 SAE #247 11-58

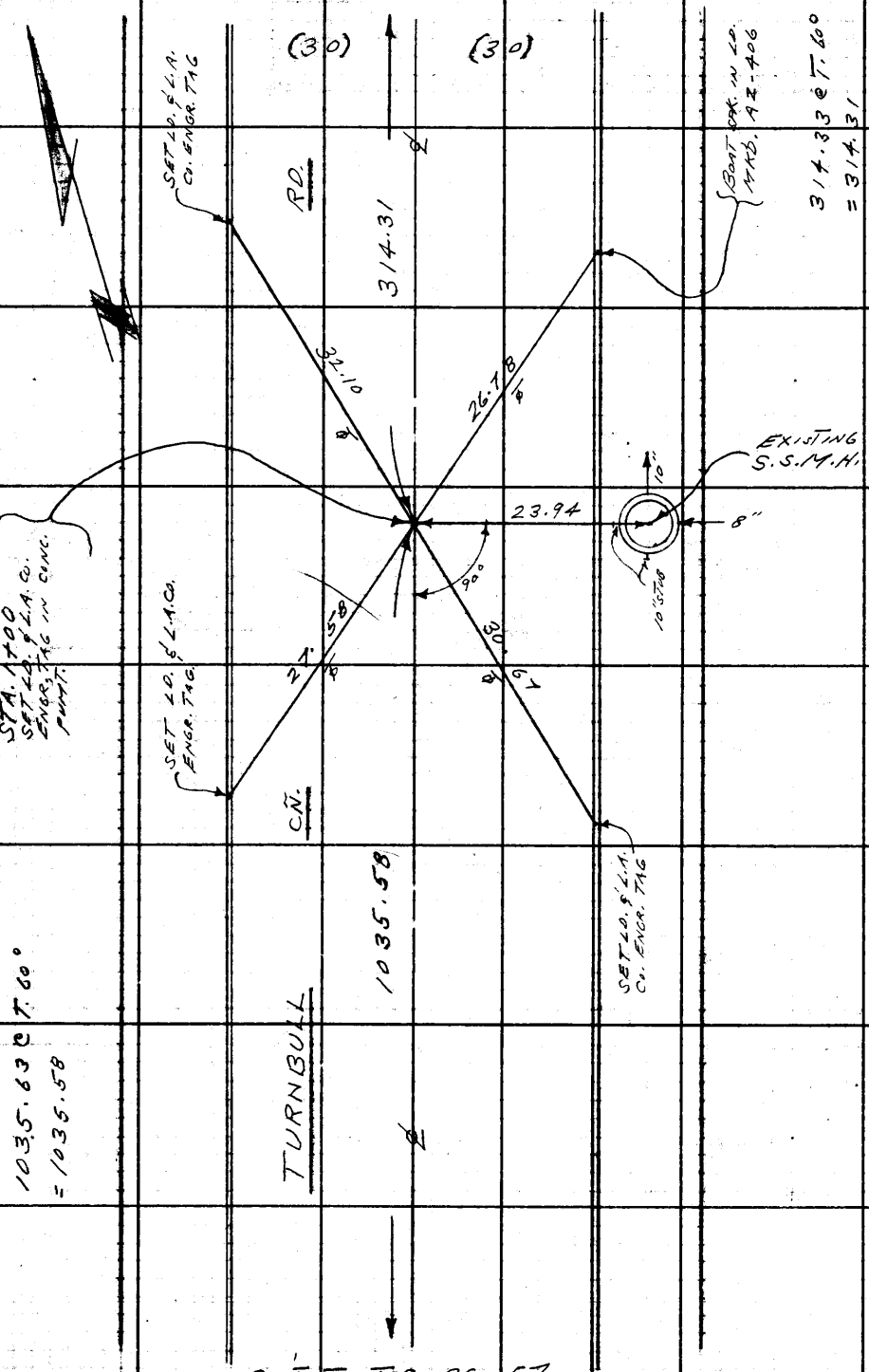
PWFB 1129

2387

F. B. ~~2193~~ PG. ~~56~~

CONT. FROM BOTTOM PG. 55

WS. 37 F-3



CONT. TO TOP PG. 57

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

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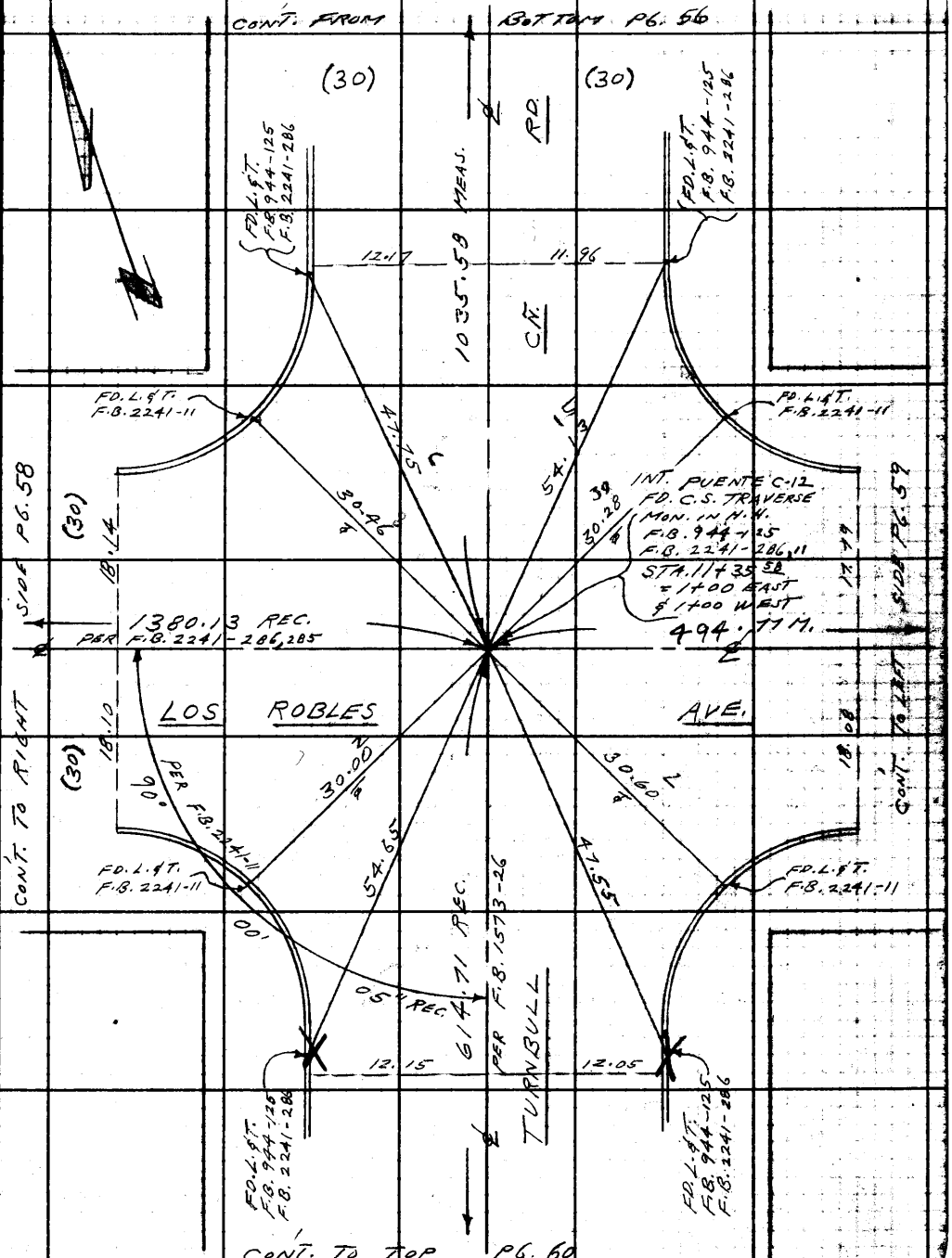
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1129

2388

Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. DIST.
Map No.	JN 2167.34 Tape 0184 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-30-60
Date	Indexed H. E. OTT

F. B. 2193 Pg. 54



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

Do not extend this side of this line.

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

W.5.37 E-4

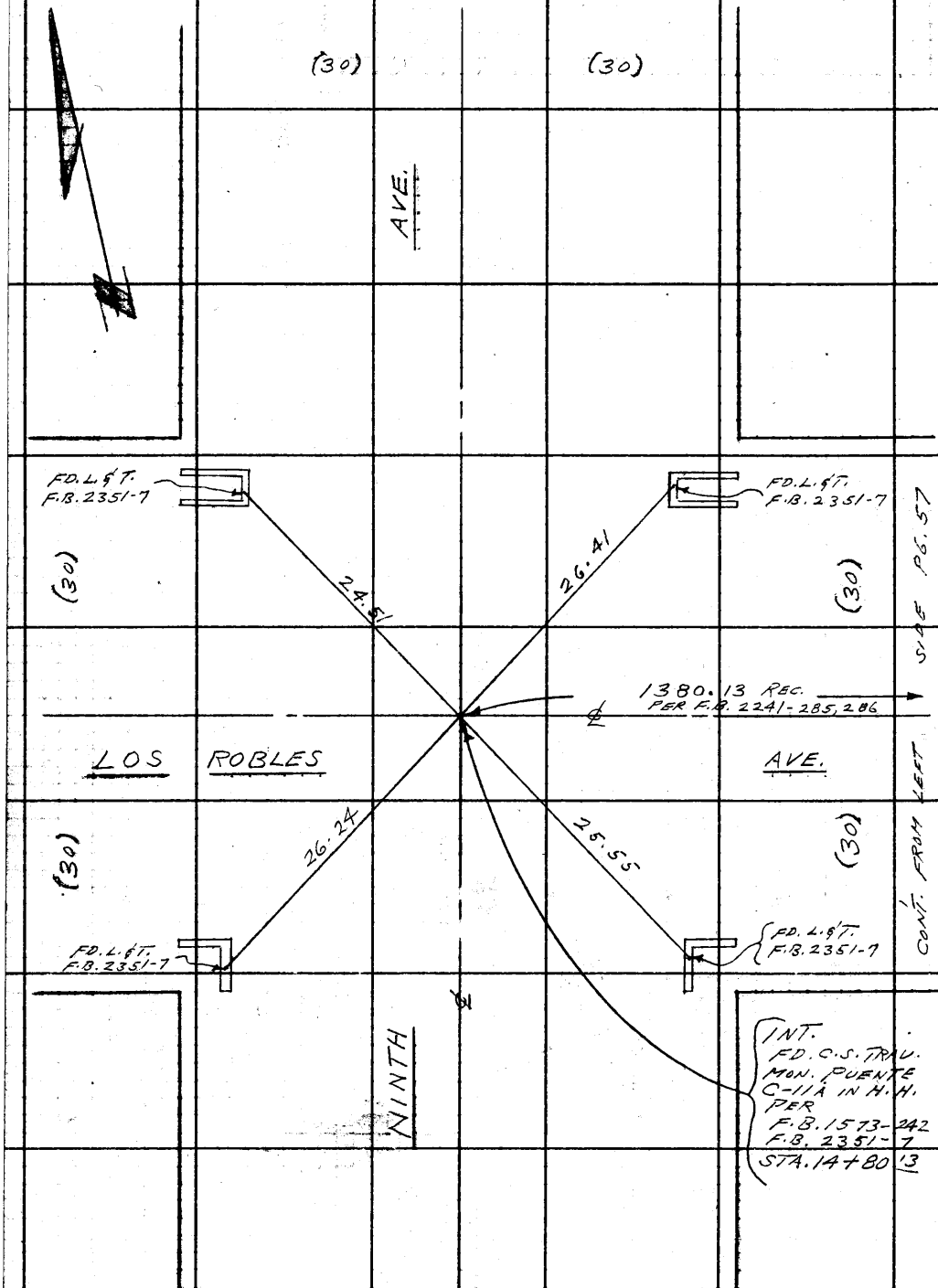
76F309S SAE #247 11-58

PWFB 1129

2389

F. B. ~~2193~~ PG. ~~58~~

W.S. 37E-4



SIDE PG. 57

CONT. FROM LEFT

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

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

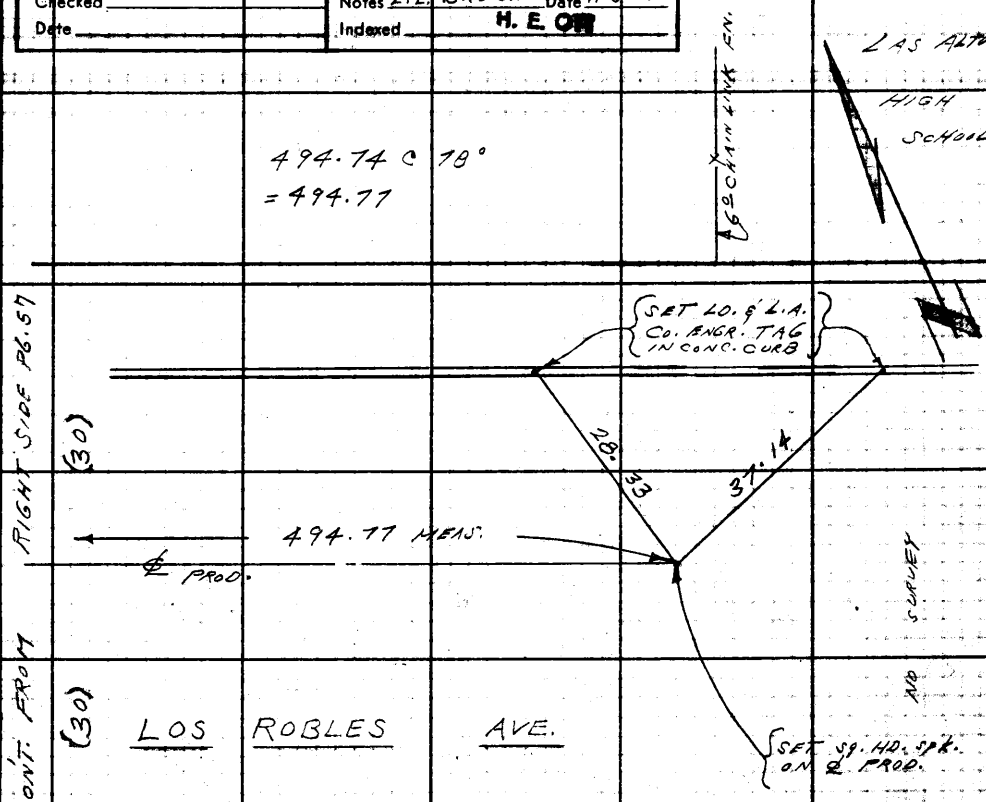
1

PWFB 1129

2390

Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. DIST.
Map No.	JN 2167.34 Tape 0184 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-30-60
Date	Indexed H. E. OW

F. B. ~~[illegible]~~ Pg. ~~[illegible]~~



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

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

76F3098 SBE #247 11-59

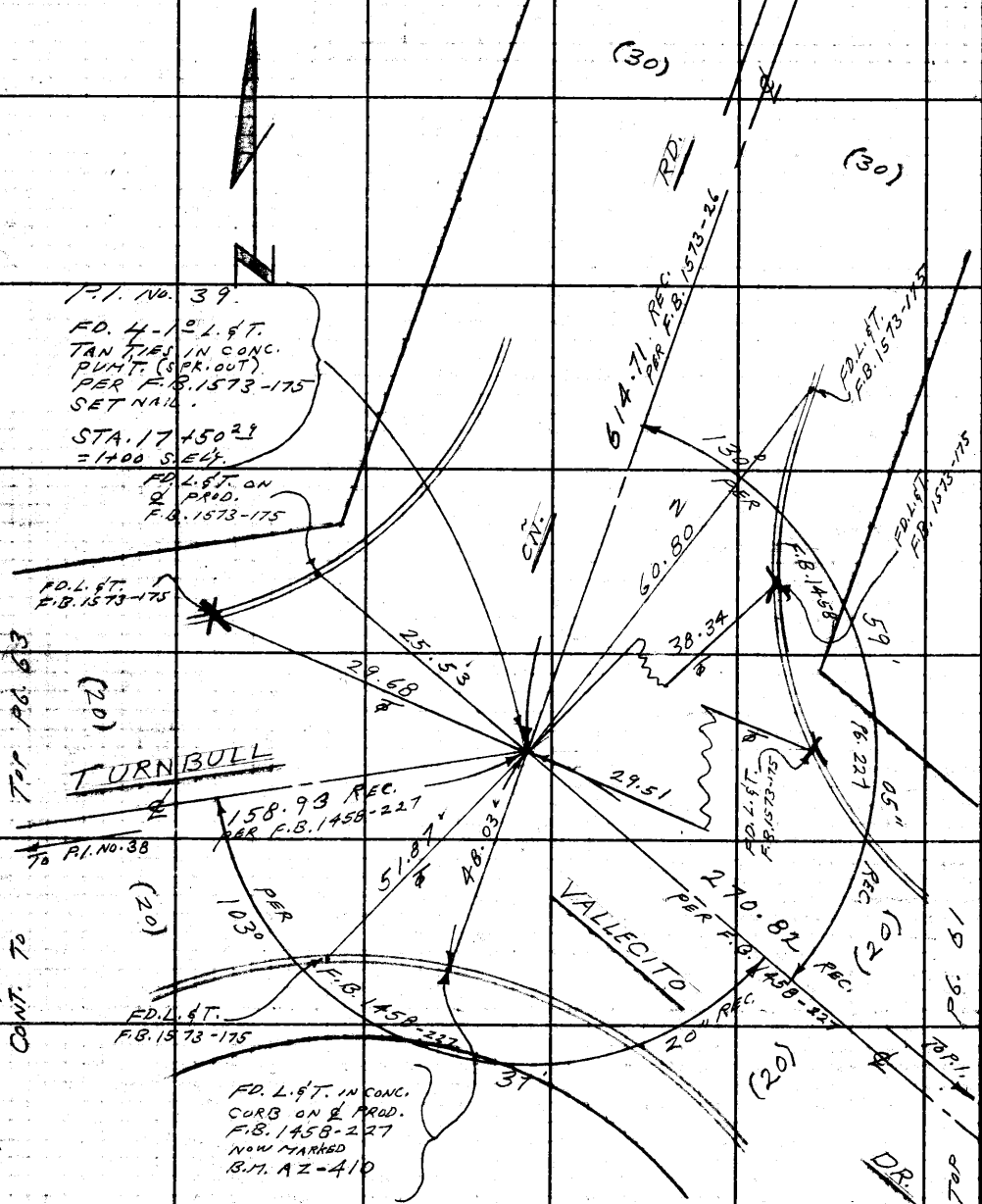
PWFB 1129

2391

F. B. ~~2173~~ PG. ~~60~~

CONT. FROM BOTTOM PG. 57

W.S. 37E-4



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

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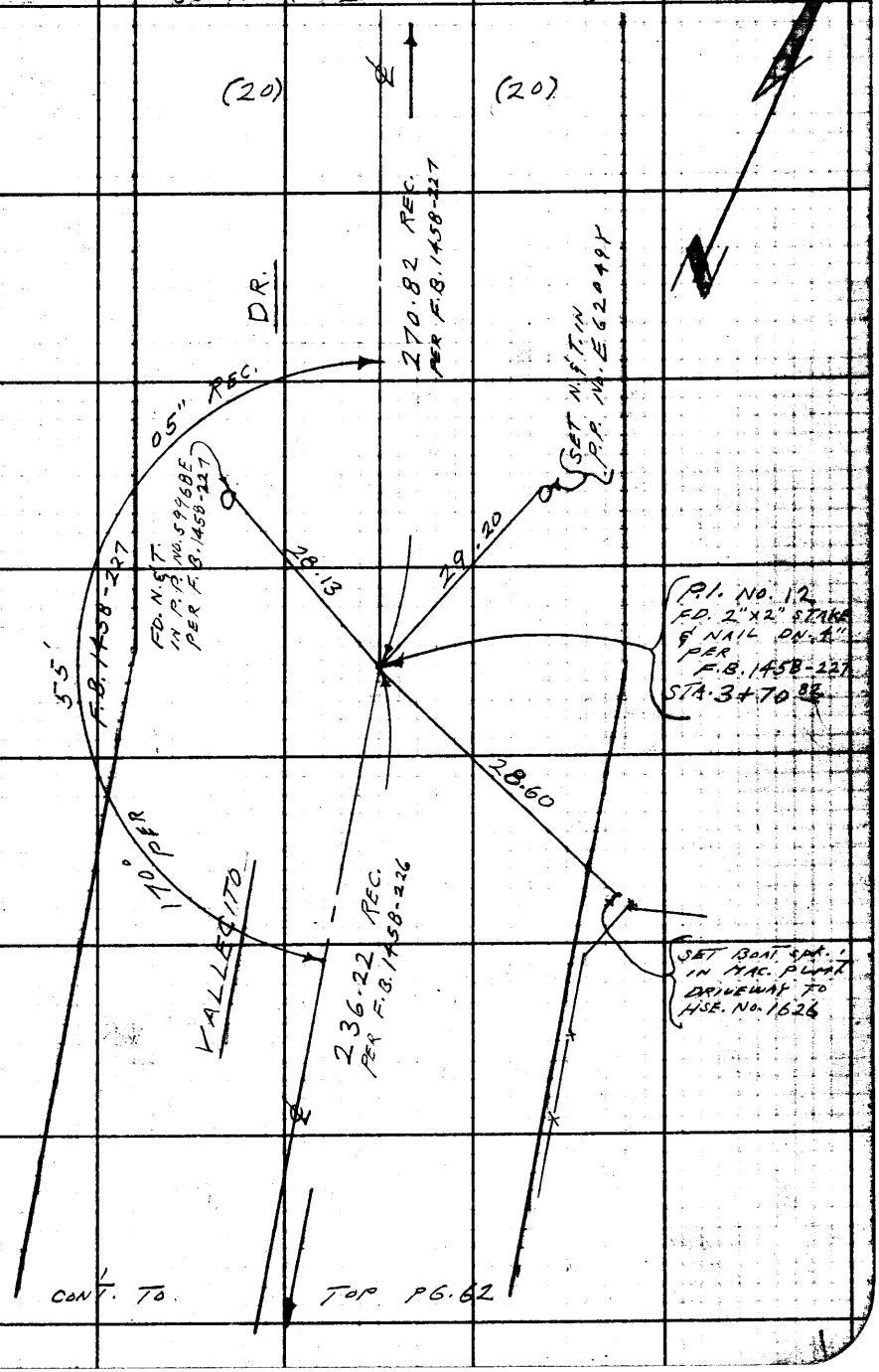
PWFB 1129

2392

Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. DIST.
Map No.	JN 2167.34 Tape 0184 Std 62 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-30-60
Date	Indexed H. E. OTT

F. B. ~~1145~~ Pg. ~~57~~

CONT. FROM LOWER RIGHT PG. 60.



CONT. TO TOP PG. 62

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

Do not extend this side of this line.

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

W.S. 37 E-4

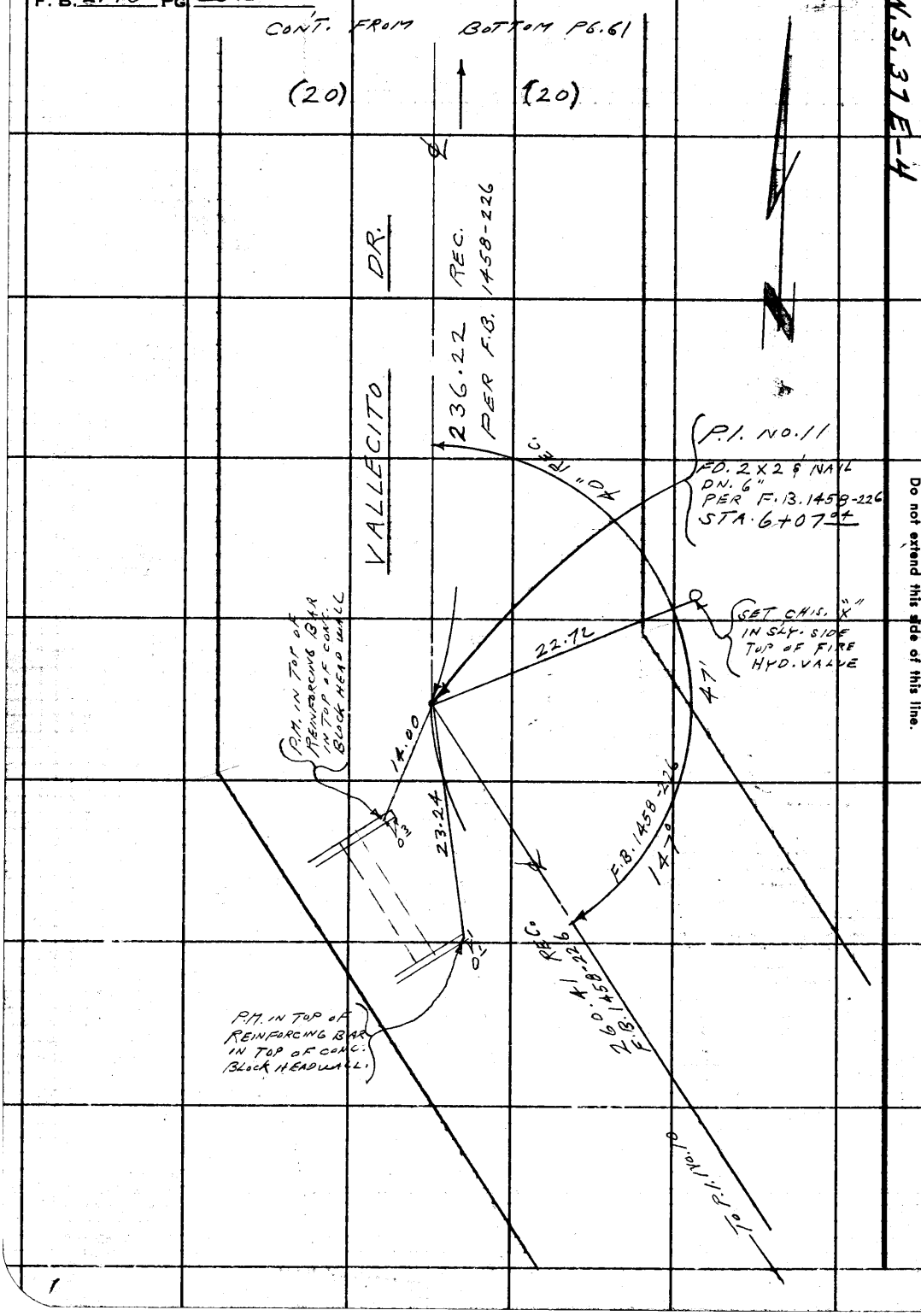
70F3098 SBE #247 11-58

PWFB 1129

2393

F. B. ~~2173~~ PG ~~62~~

W.S. 37 E-4



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

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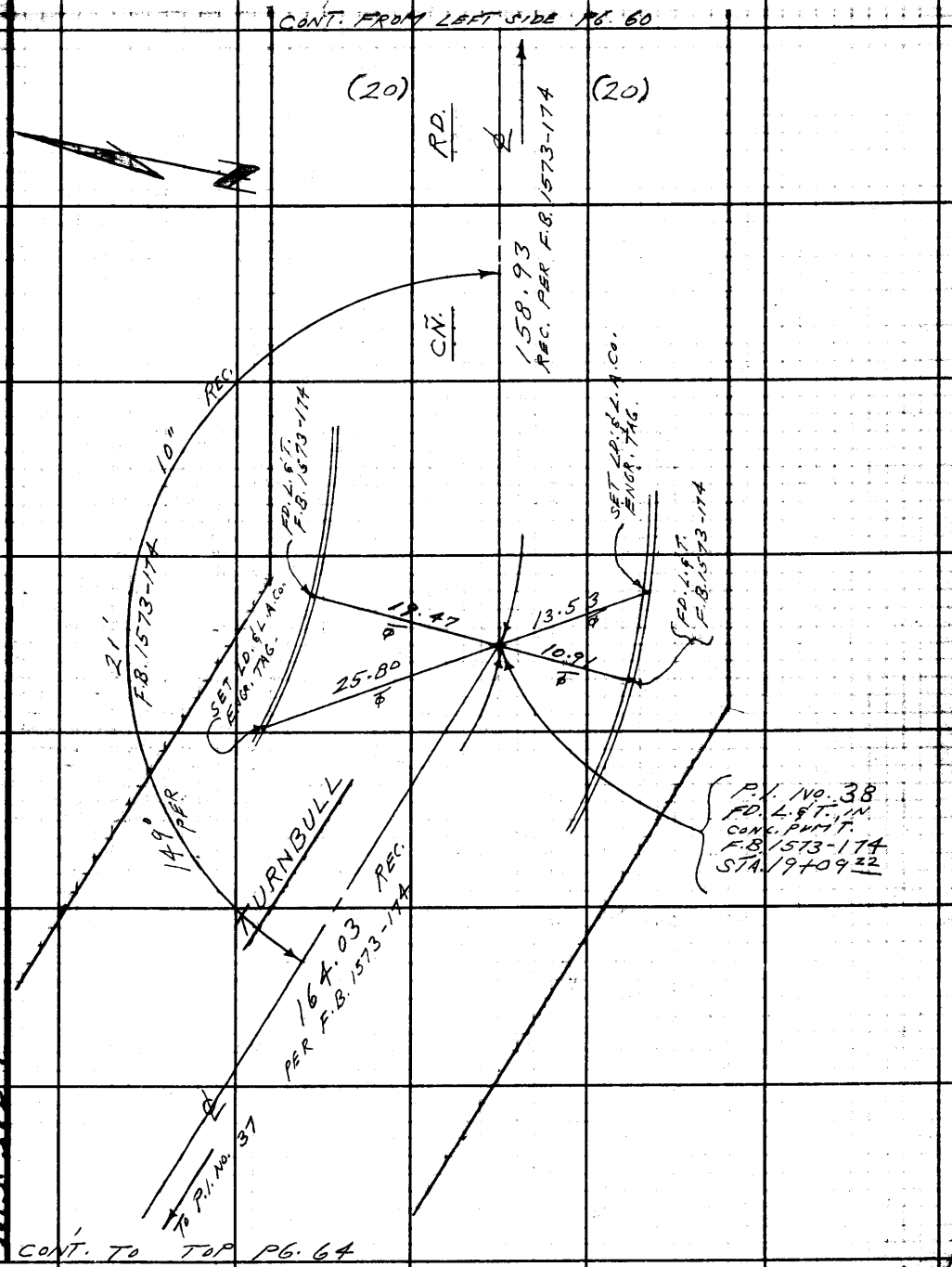
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1129

2394

Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. DIST.
Map No.	JN 2167.34 Tape 0184 Std 68 °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 12-1-60
Date	Indexed H. E. OTT

F. B. ~~2493~~ PG. ~~63~~



W.S. 37E-4

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

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76F309S S&E #247 11-58

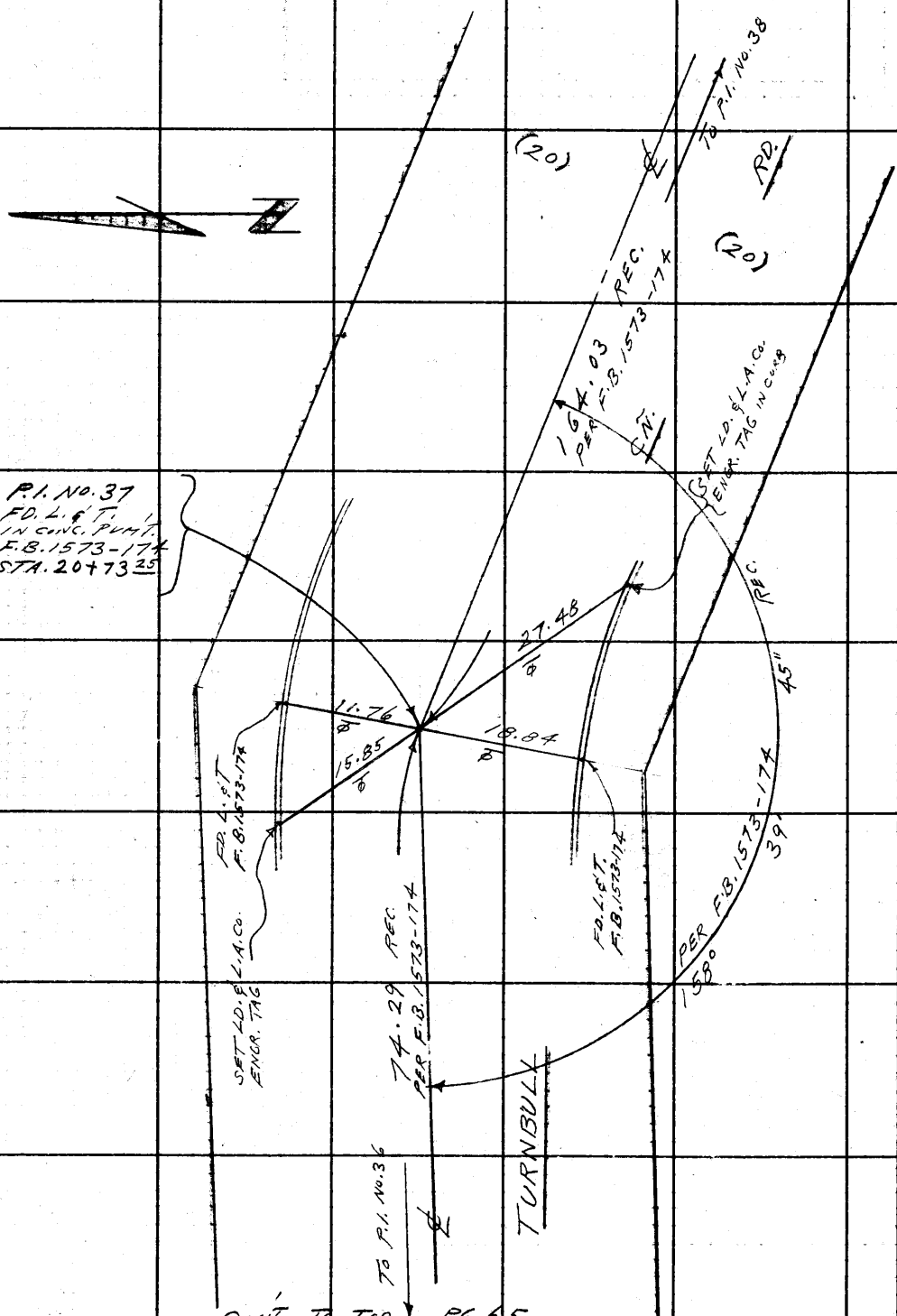
PWFB 1129

2395

F. B. ~~2199~~ PG. ~~64~~

CONT. FROM BOTTOM PG. 63

W.S. 37 E-4



CONT. TO TOP PG. 65

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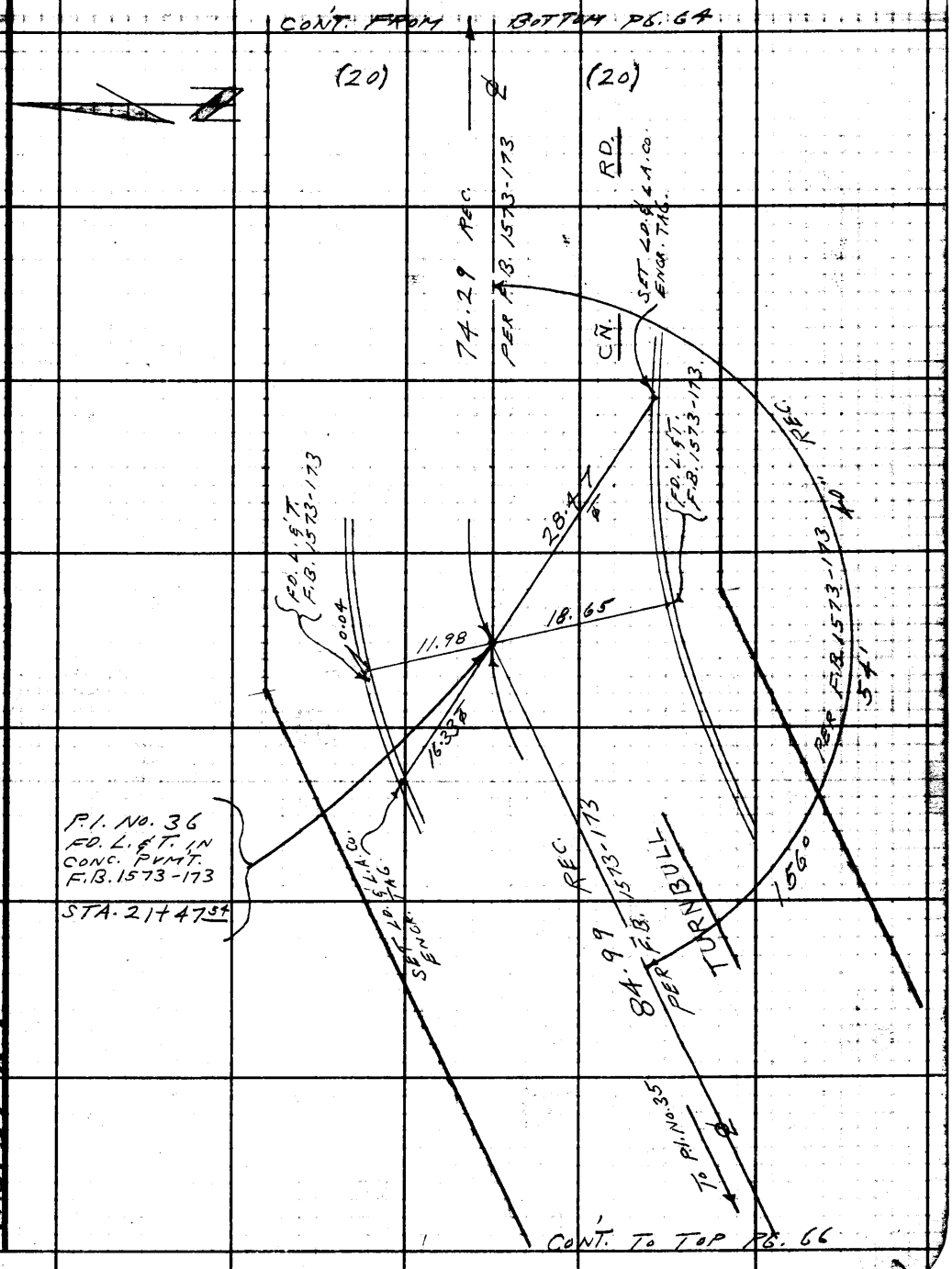
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1129

2396

Notes Ck'd by	Survey of TURNBULL CÑ. RD. S.S. DIST.
Map No.	JN 2167.34 Tape 0184 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-1-60
Date	Indexed H.E. OTI

F. B. ~~2193~~ PG. ~~65~~



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

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

W.S. 37-A-4

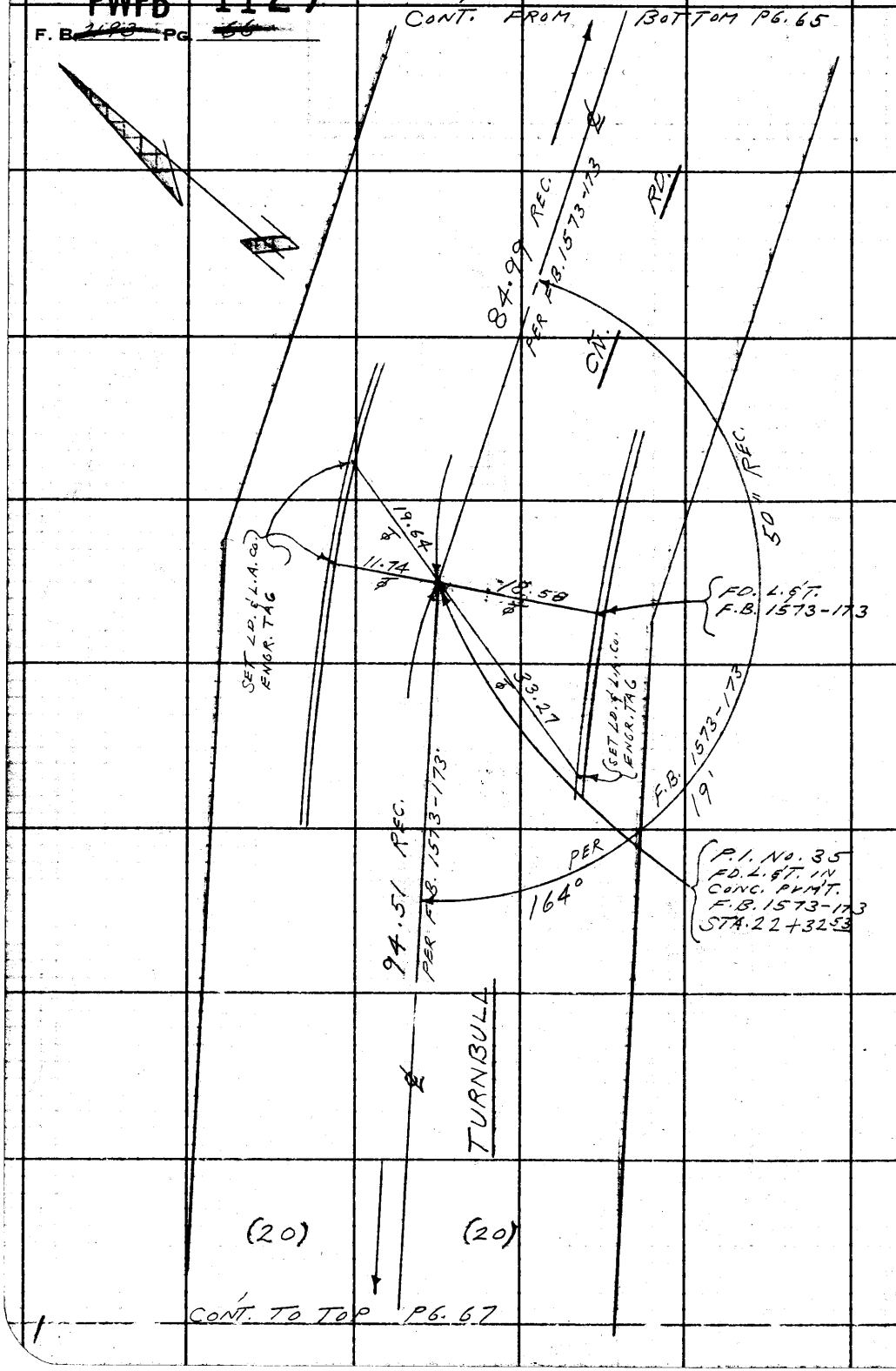
76F3095 S&E #247 11-58

PWFB 1129

2397

F. B. ~~2193~~ PG. ~~66~~

W.5.37 E-4



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

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

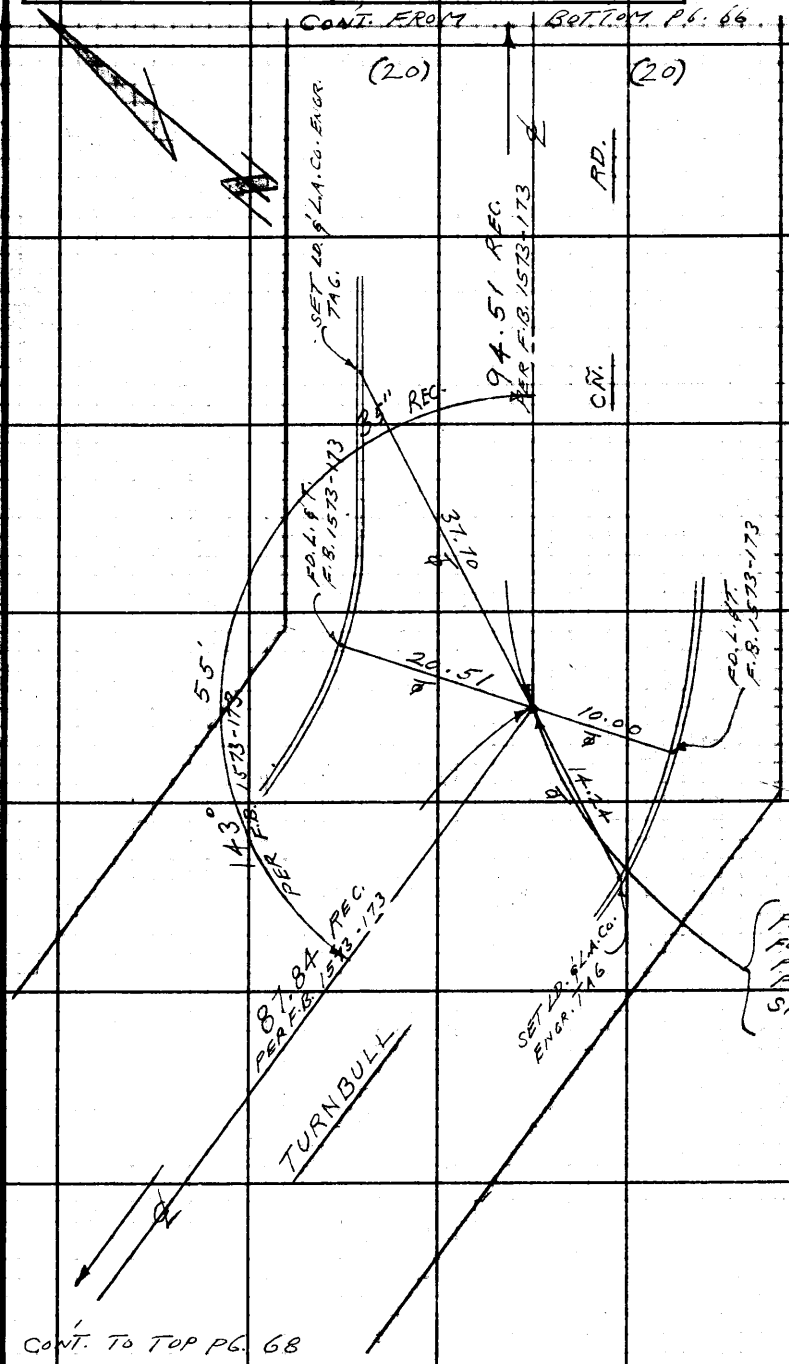
PWFB 1129

2398

Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. DIST.
Map No.	JN 2167-34 Tape 01 84 Std 68 °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 12-1-60
Date	Indexed H. E. OTT

F. B. 2173 PG. 67

CONT. FROM BOTTOM PG. 66



CONT. TO TOP PG. 68

W.S. 37 E-4

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

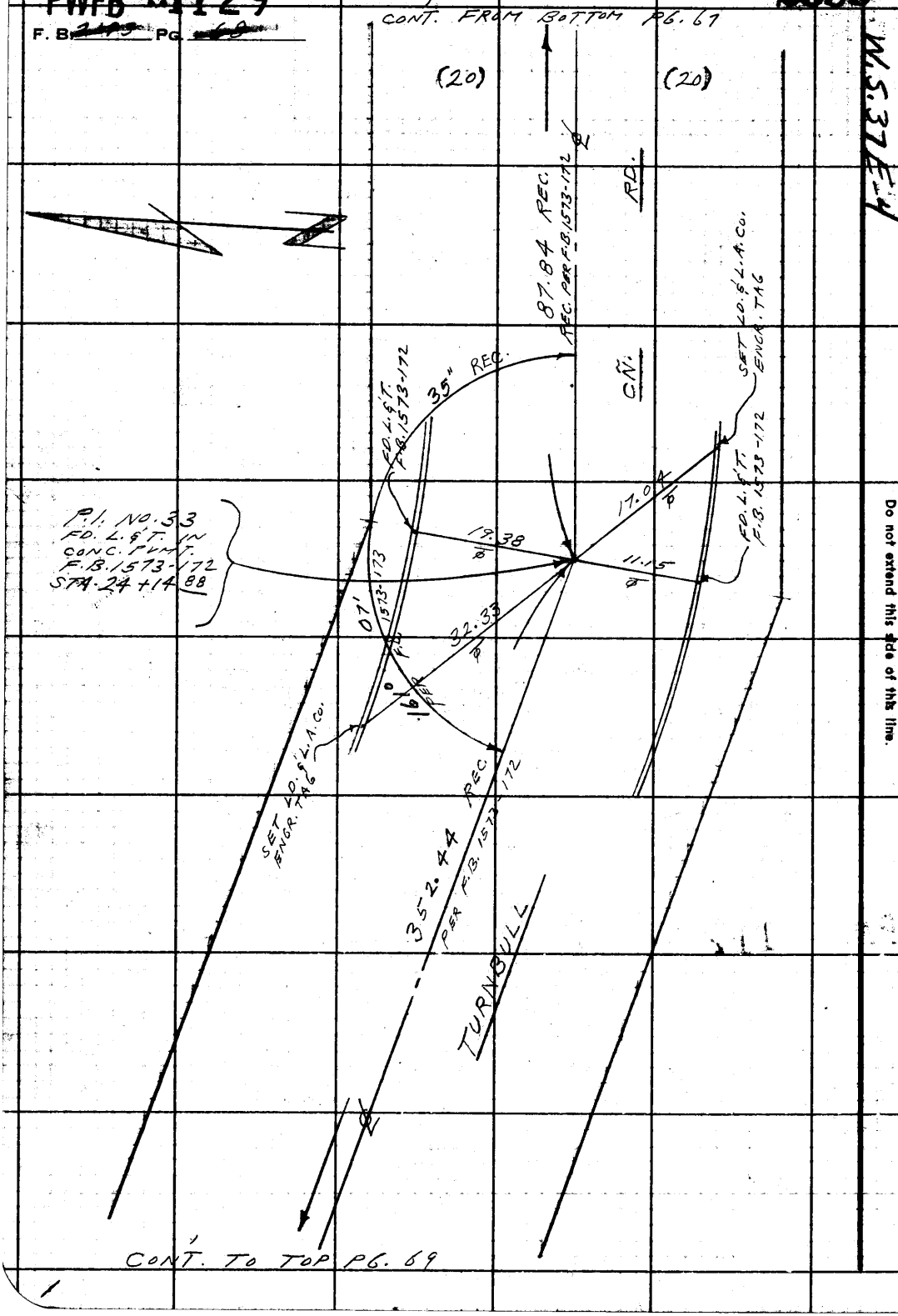
70F3098 SAE #247 11-58

PWFB 1129

F. B. ~~2173~~ PG. ~~68~~

2399

W.S. 37E-4



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

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

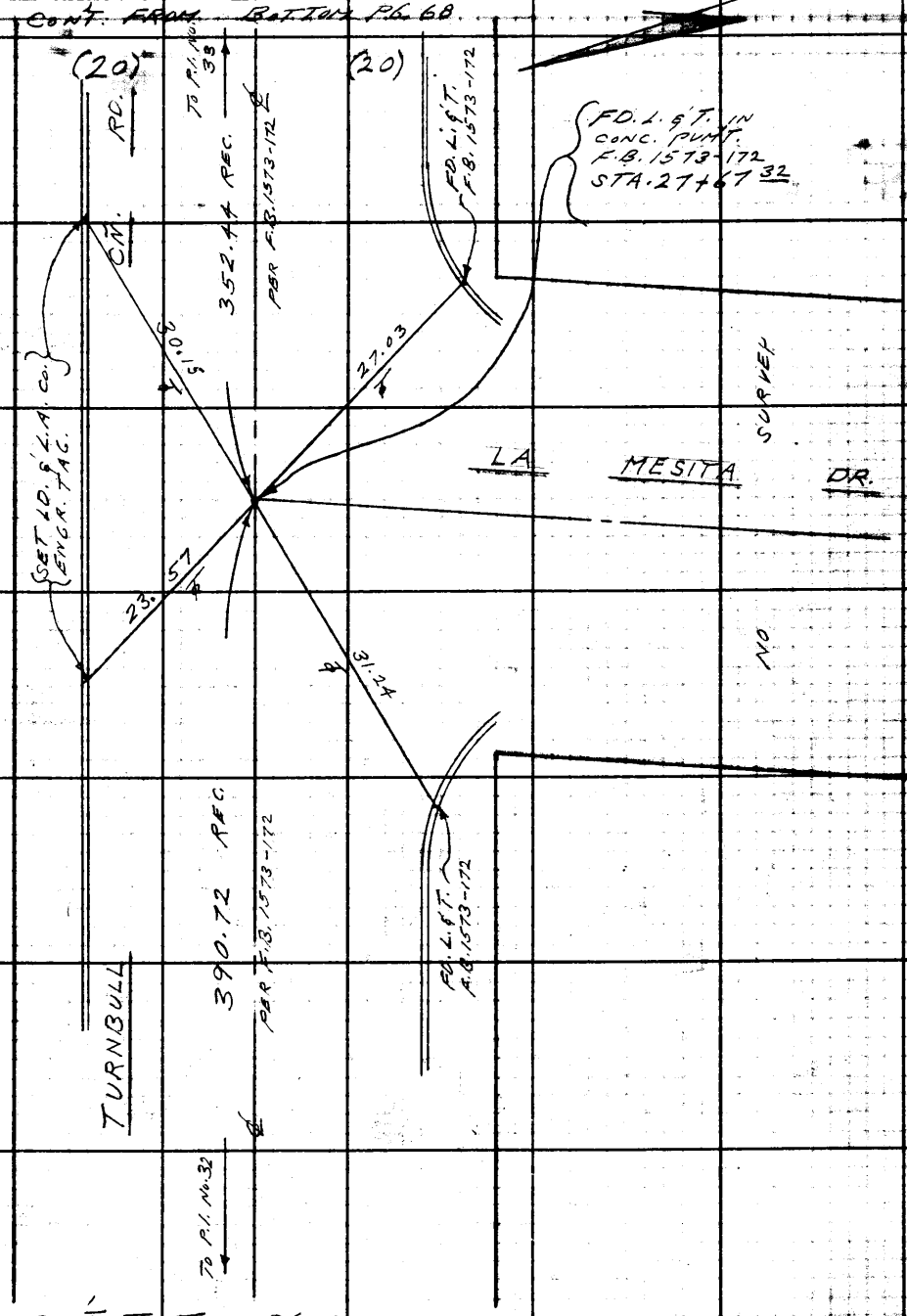
PWFB 1129

2400

Notes Ck'd by	Survey of TURNBULL CN. RD. S.D.T.
Map No.	JN 2167-34 Tape 0184 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-1-60
Date	Indexed H.E. OTT

F. B. 2193 PG. 69

CONT. FROM BOTTOM PG. 68



CONT. TO TOP PG. 70

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PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 SAE #242 11-58

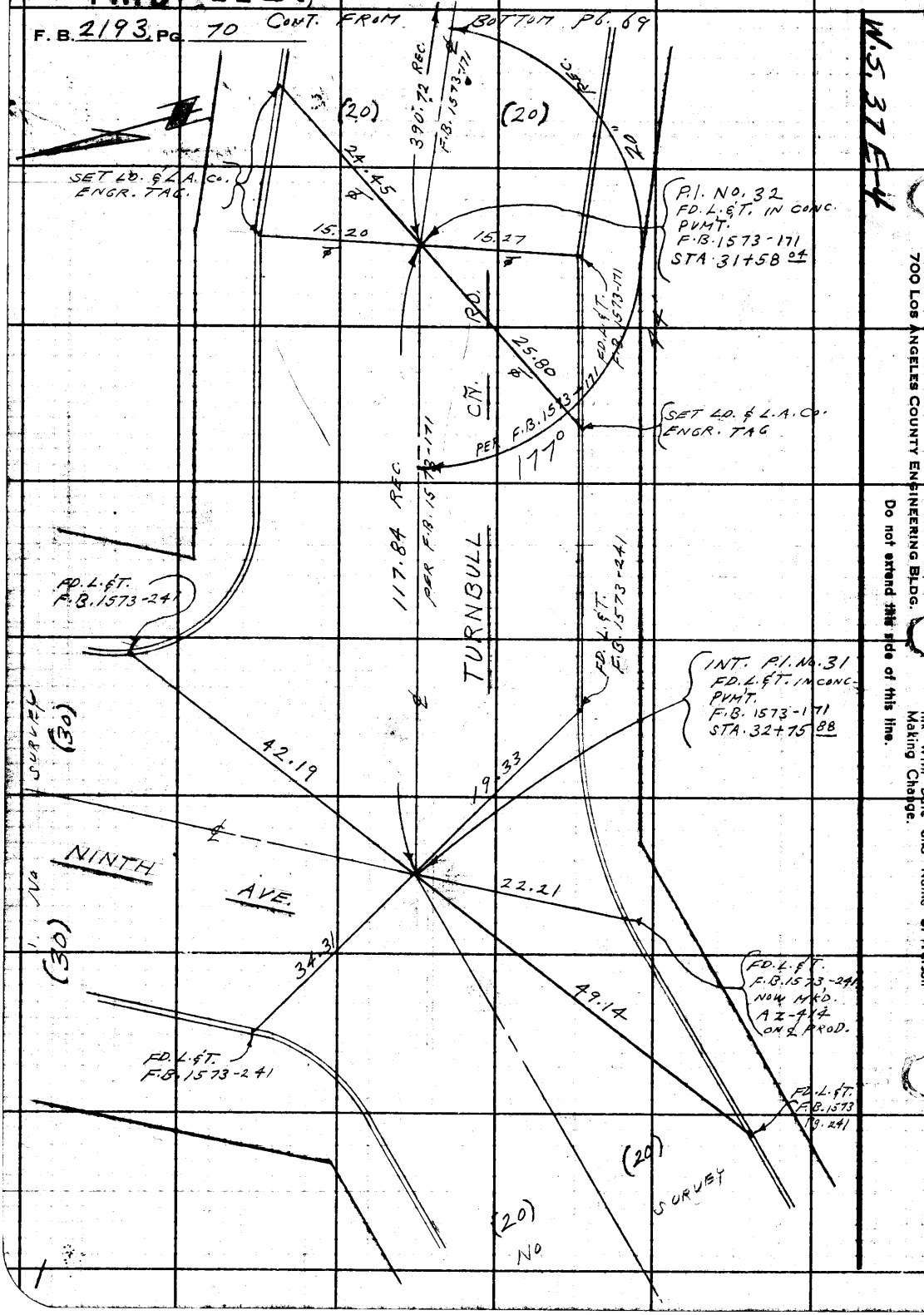
W.5.37E-4

PWFB 1129

2401

F. B. 2193 PG. 70 CONT. FROM BOTTOM PG. 69

W.S. 37 E4



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

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

Notes Ck'd by	Survey of [illegible]
Map No.	JN 2167.34 Tape Std. °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-5-60
	Indexed [illegible]

F. B. 2193 Pg. 71

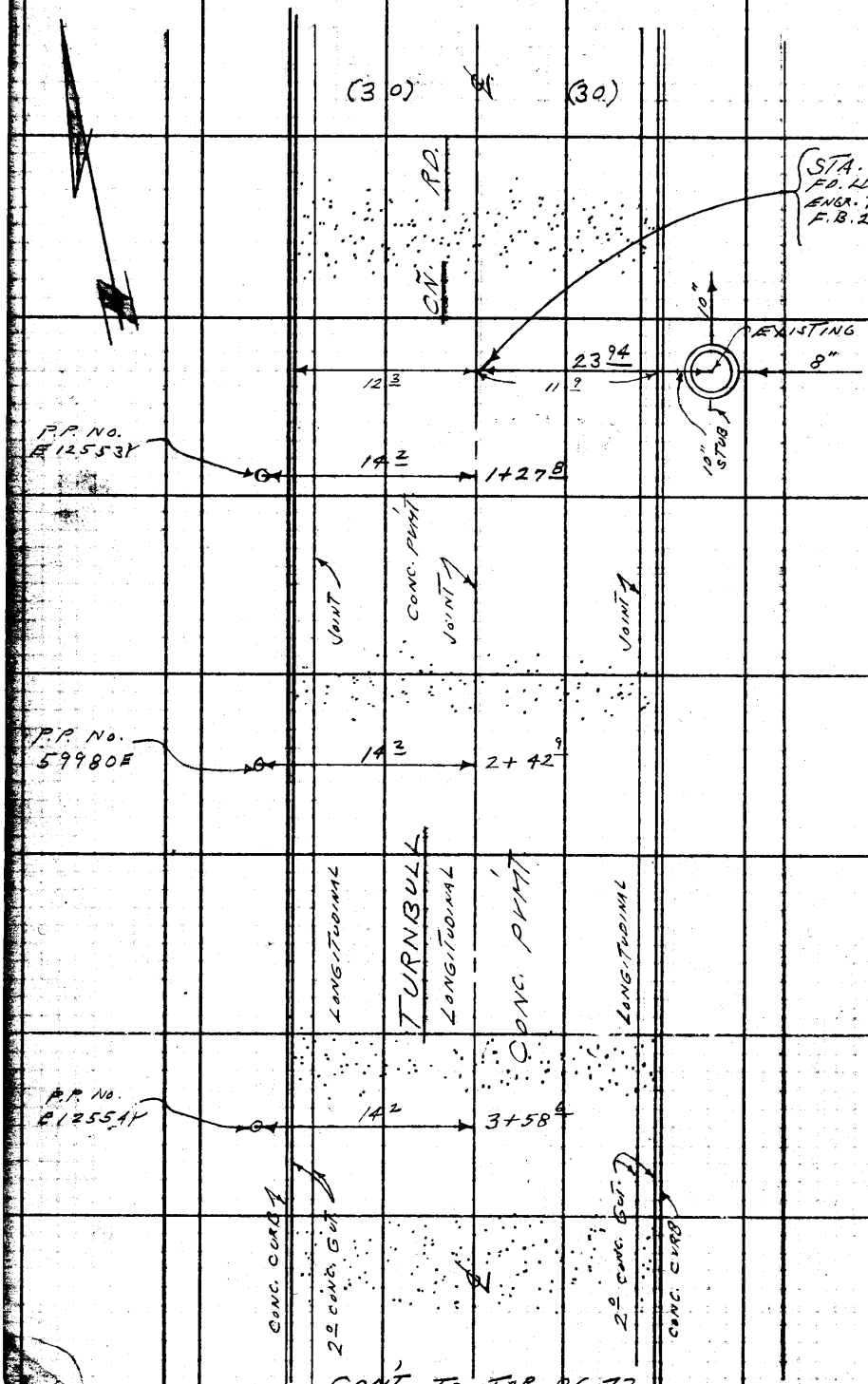
TURNBULL CAÑON ROAD

C.I. 2167.34

TOPOGRAPHY

Note: Any Additions or [illegible] Sheet Must be Made [illegible] Ink With Date and [illegible] Making Change.
[illegible] TO [illegible] COUNTY ENGINEER
[illegible] COUNTY ENGINEERING BLDG.
Do not extend this [illegible] of this line.

F. B. 2193 Pg. 72



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700 Los Angeles County Engineering Bldg.

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

Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. PNT.
Map No.	JN 2167.34 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-5-60
Date	Indexed N.E. OH

F. B. 2193 Pg. 73

CONT. FROM BOTTOM PG. 72

P.P. No. 59979E — 14° — 4+72°

P.P. No. E12555Y — 14° — 5+86°

P.P. No. 59978E — 14° — 7+02°

P.P. No. E12556Y — 14° — 8+17°

P.P. No. 59977E — 13° — 9+34°

P.P. No. E20139Y — 14° — 10+47°

JOINT

LONGITUDINAL

PNT.

CN. RD.

CONC.

TURNBULL

GUT.

2° CONC.

(30) (30)

CONT. TO TOP OF PG. 74

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

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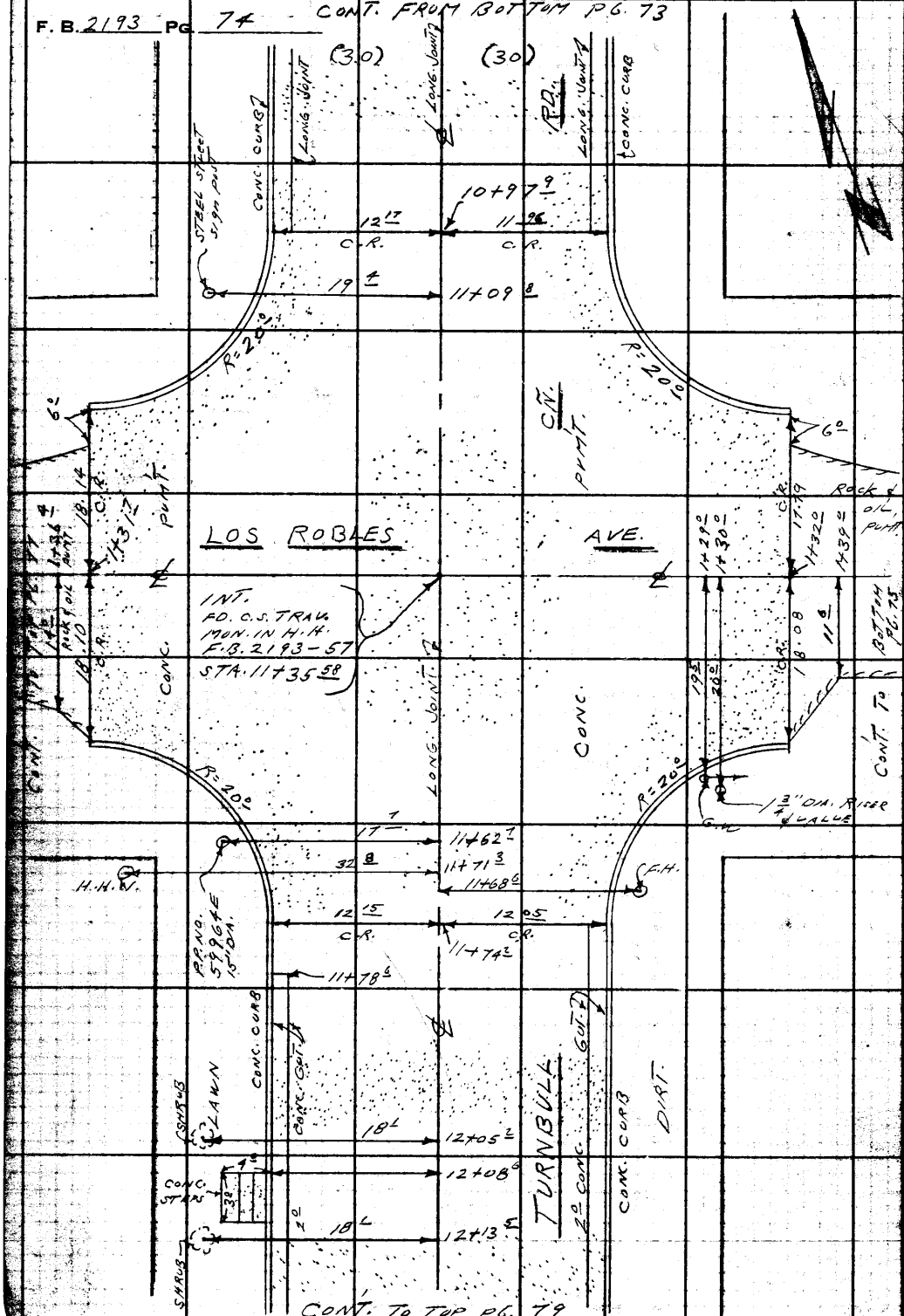
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S SBE #247 11-58

F. B. 2193 PG. 74

CONT. FROM BOTTOM PG. 73



CONT. TO TOP PG. 79

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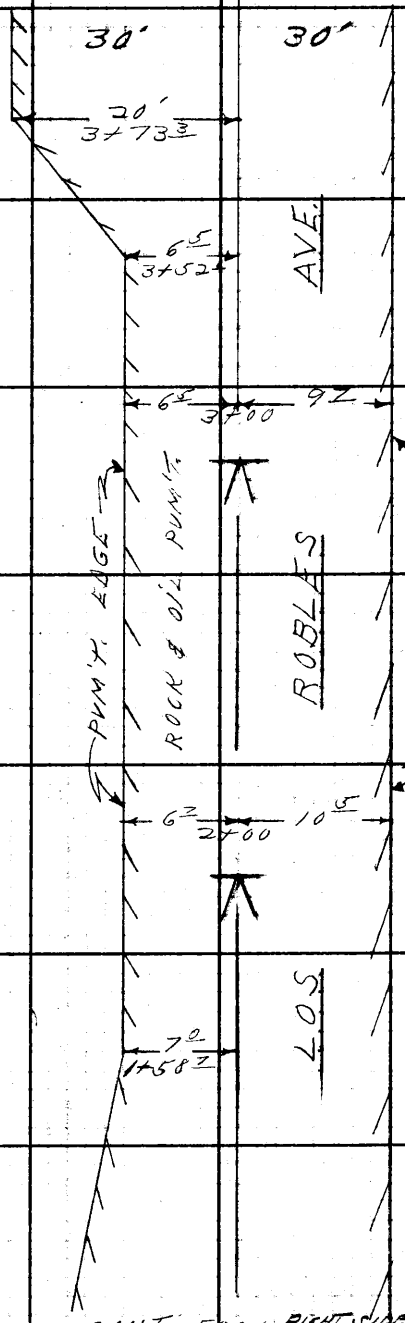
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of TURNBULL CYN. RD.
Map No.	JNCI 216734 Tape Std °F
Office Work	Surveyed by L.L.B
Checked	Notes P.K. Date 12-3-60
Date	Indexed

F. B. 2193 PG. 75

CONT. TO BOT. Pg. 76



CONT. FROM RIGHT SIDE PG. 74

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
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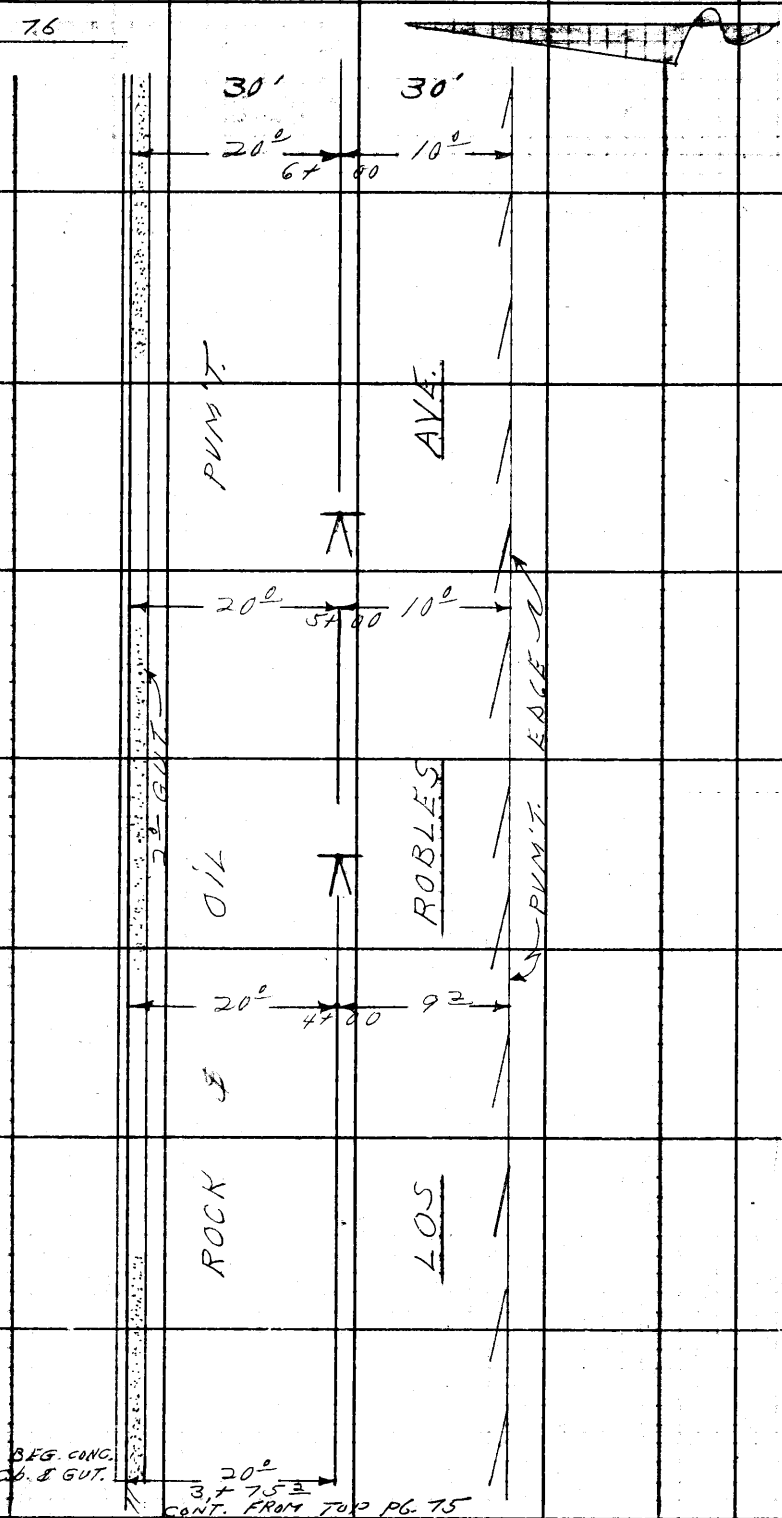
76F3095 S&E #247 11-58

F. B. 2193 PG. 76



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

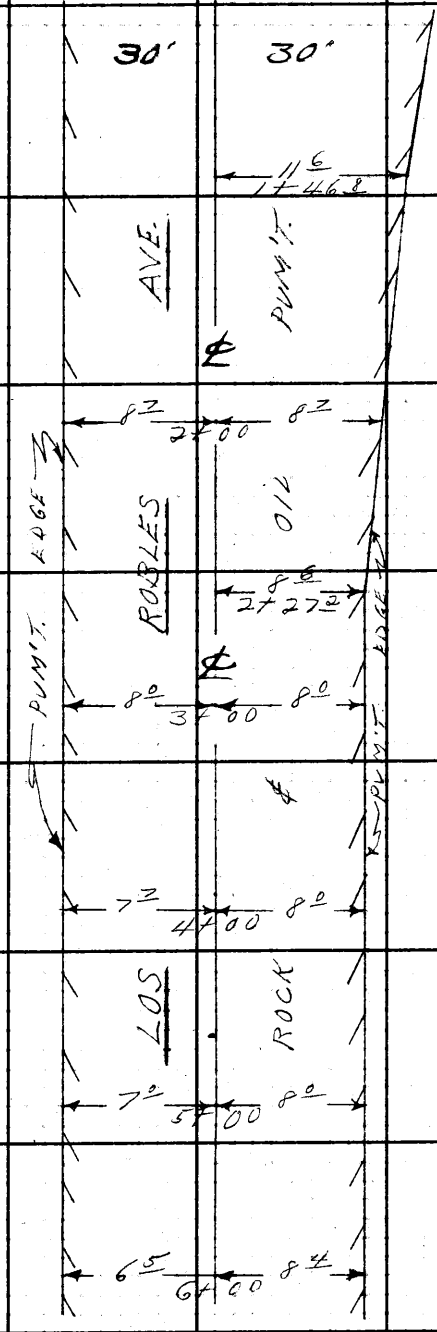
Do not extend this date of this line.

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

Notes Ck'd by	Survey of TURNBULL CYN. RD.	F. B. 2193 PG. 77
Map No.	JNCE-21673 Tape Std °F	
Office Work	Surveyed by L.L.B.	
Checked	Notes P.H. Date 12-8-60	
Date	Indexed	

H. E. Ott

CONT. FROM LEFT PG. 74



CONT. TO TOP PG. 78

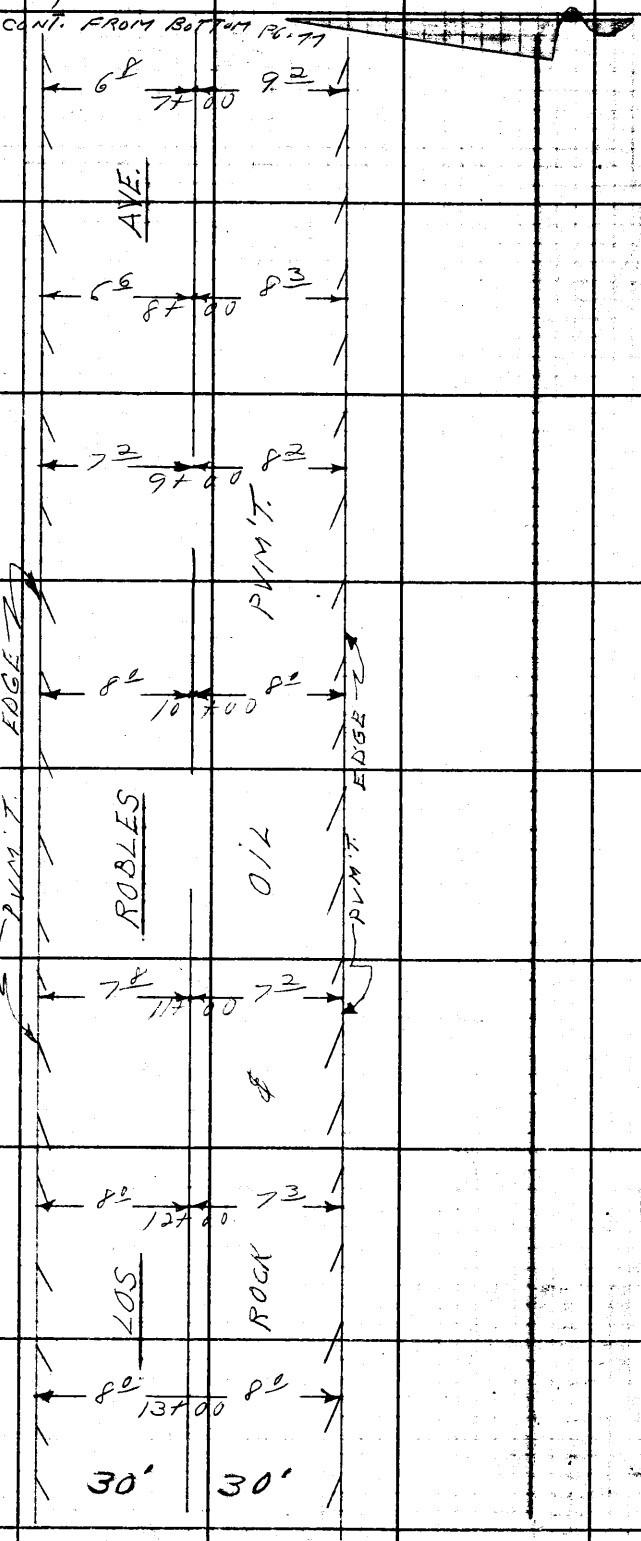
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F3035 SBE #247 11-58

F. B. 2193 PG. 78

CONT. FROM BOTTOM PG. 77



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

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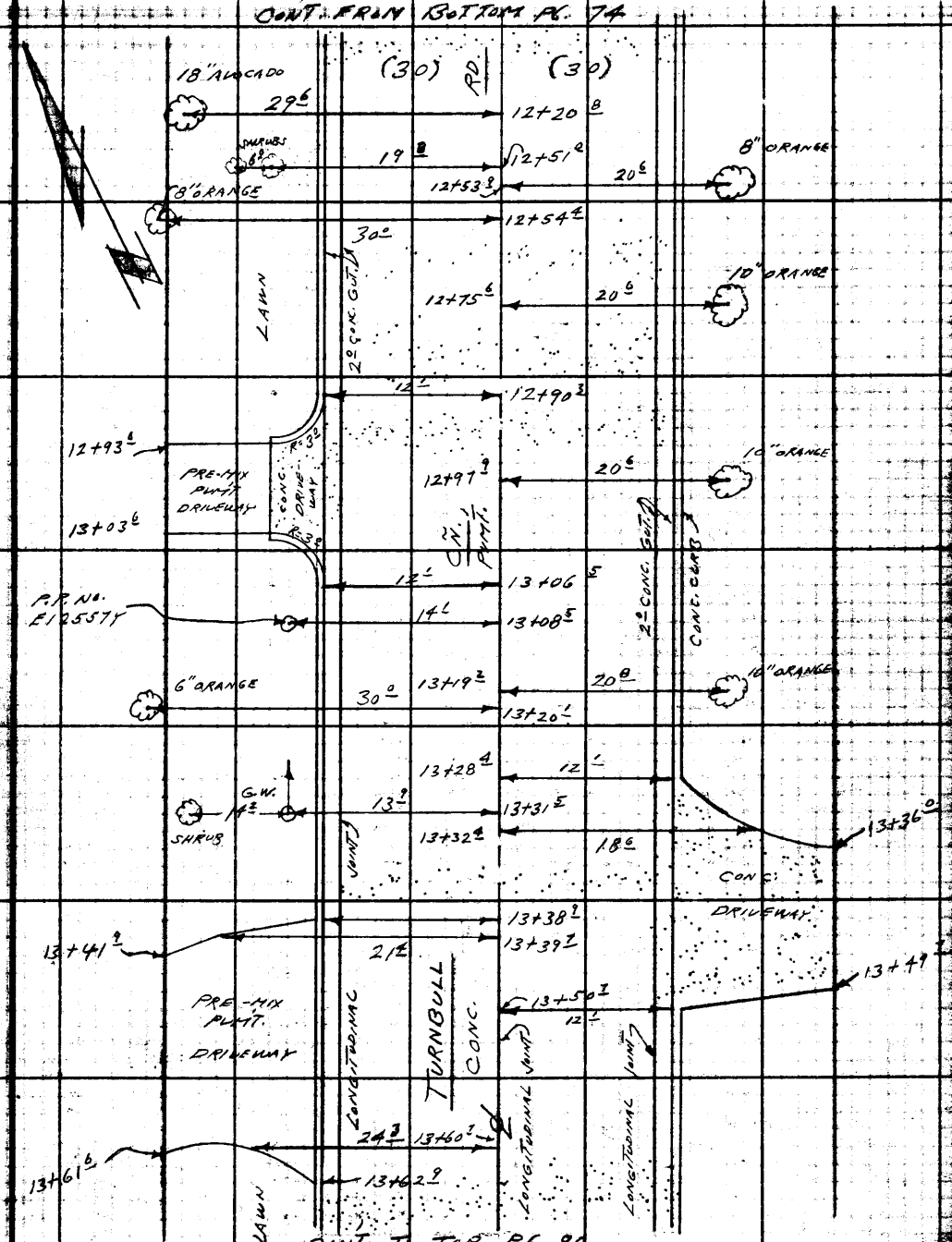
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of TURNBULL CT. RD. S.S. DIST.
Map No.	JN 2167.34 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-5-60
Date	Indexed H. S. OTT

F. B. 2193 PG. 79

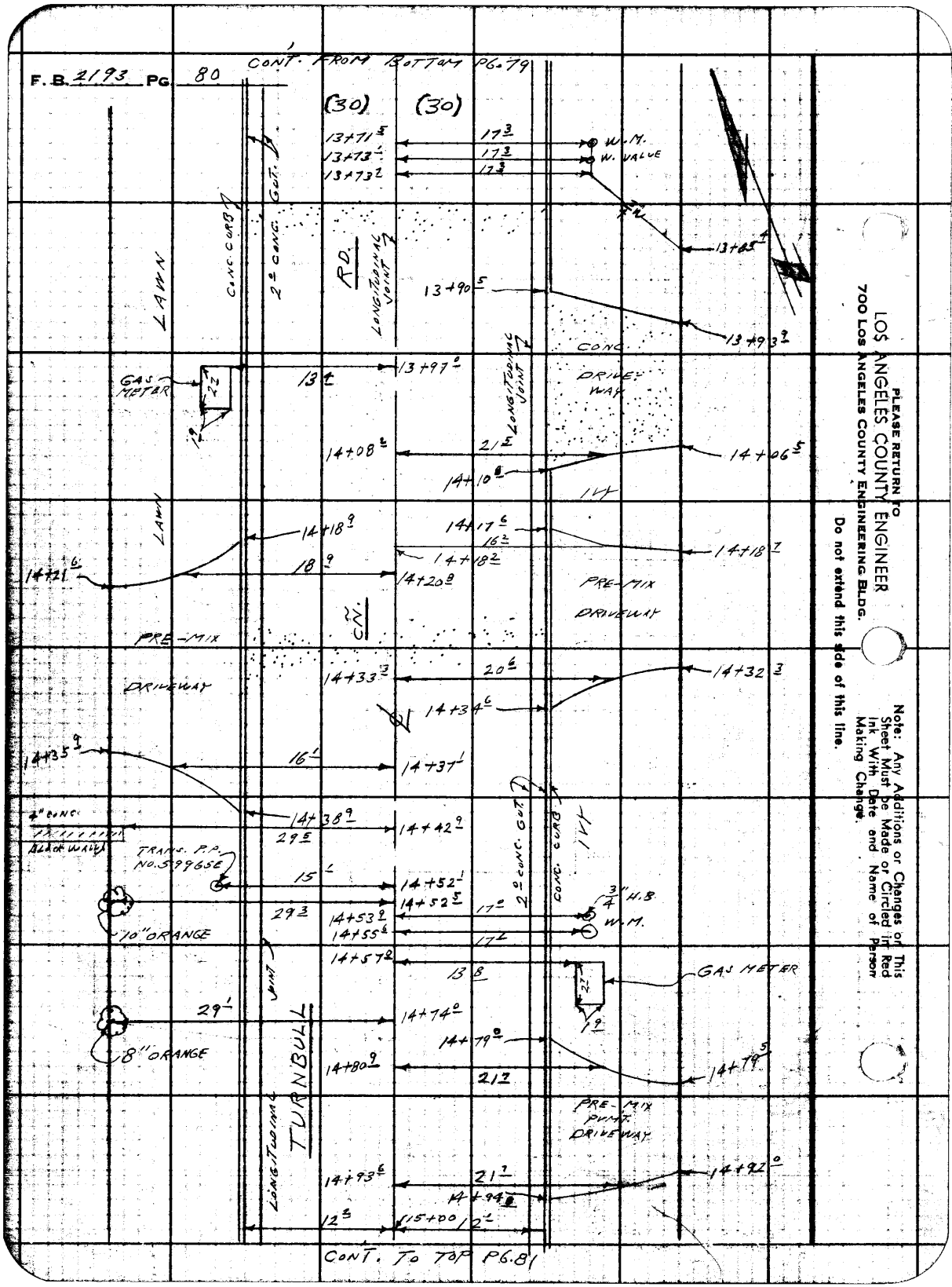
CONT. FROM BOTTOM PG. 74



CONT. TO TOP PG. 80

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this file.



PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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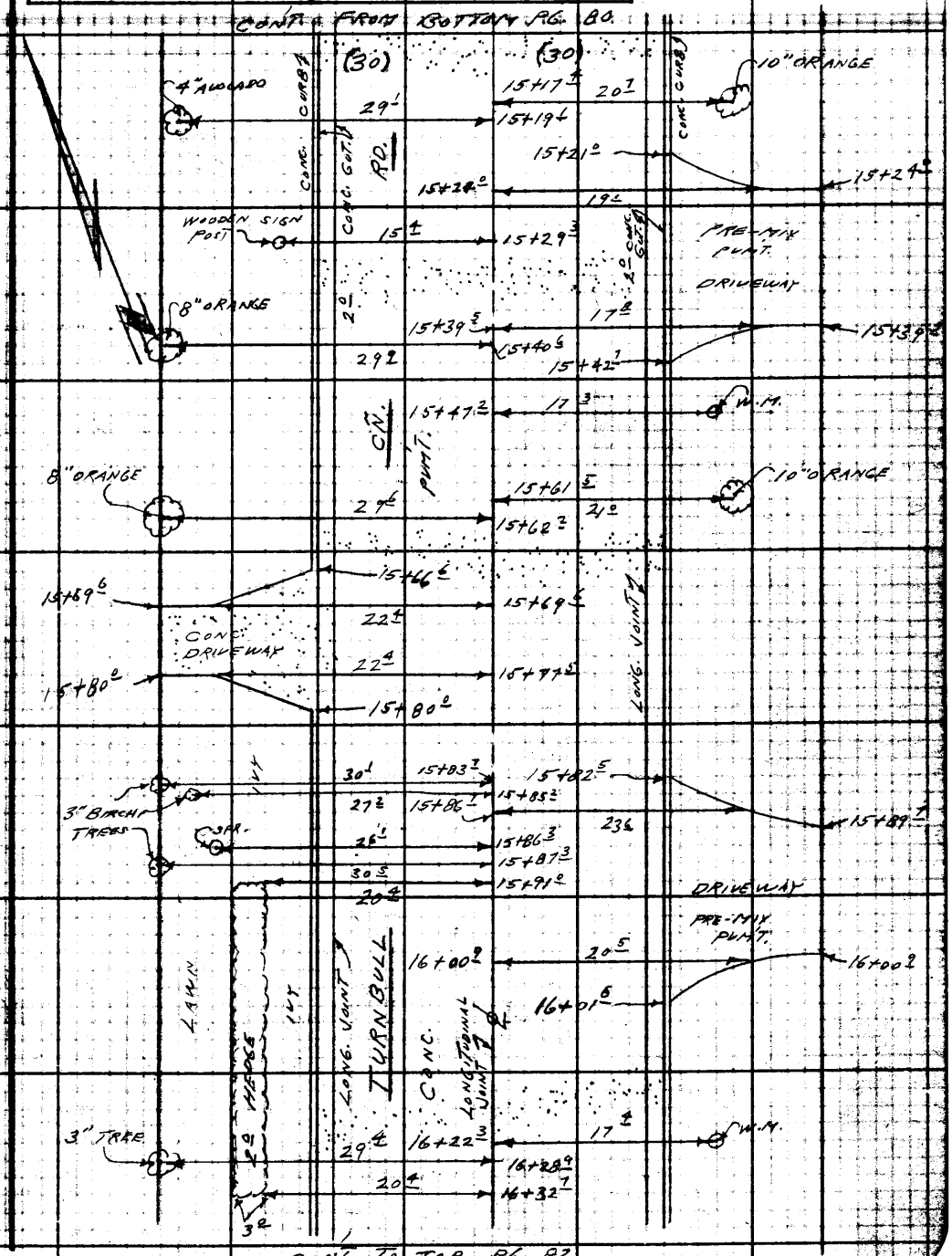
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. DIST.
Map No.	JN 2167.34 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-6-60
Date	Indexed H. E. OTT

F. B. 2193 PG. 81

CONT. FROM BOTTOM PG. 80.



CONT. TO TOP PG. 82

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LOS ANGELES COUNTY ENGINEER
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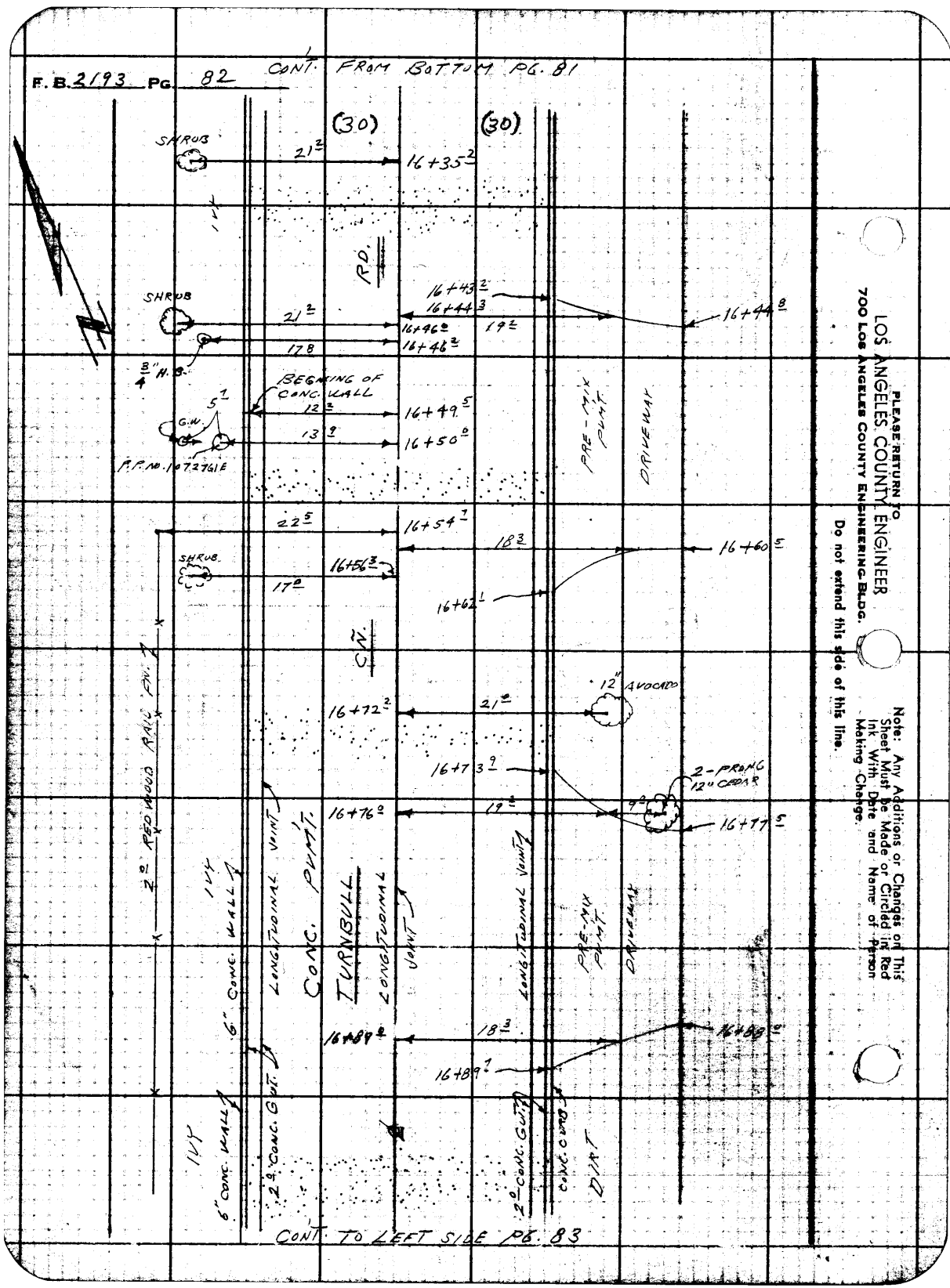
F. B. 2193 PG. 82
CONT. FROM BOTTOM PG. 81
(30)
(30)
SHRUB
21²
16+35²
RD.
16+43²
16+44³
16+44⁸
SHRUB
21²
16+46⁰
19²
17⁸
16+46²
3/4" H.B.
BEGINNING OF CONC. WALL
5¹
12²
16+49⁵
G.W.
13⁹
16+50⁰
P.P. NO. 1072761E
PRE-MIX PLMT.
DRIVEWAY
22⁵
16+54⁷
18³
16+60⁵
SHRUB
16+56³
17⁰
16+62¹
CN.
12" AVOCADO
16+72²
21⁰
16+73⁹
2-PRONG 12" CEDAR
16+76⁰
19²
9²
16+77⁵
2⁰ REDWOOD RAIL PN.
IVY
6" CONC. WALL
LONGITUDINAL JOINT
CONC. PLMT.
TURNBULL
LONGITUDINAL JOINT
LONGITUDINAL JOINT
PRE-MIX PLMT.
DRIVEWAY
16+89⁰
18³
16+88⁰
16+89⁷
IVY
6" CONC. WALL
2⁰ CONC. GUT.
2⁰ CONC. GUT.
CONC. CURB
DIRT
CONT. TO LEFT SIDE PG. 83
PLEASE RETURN TO
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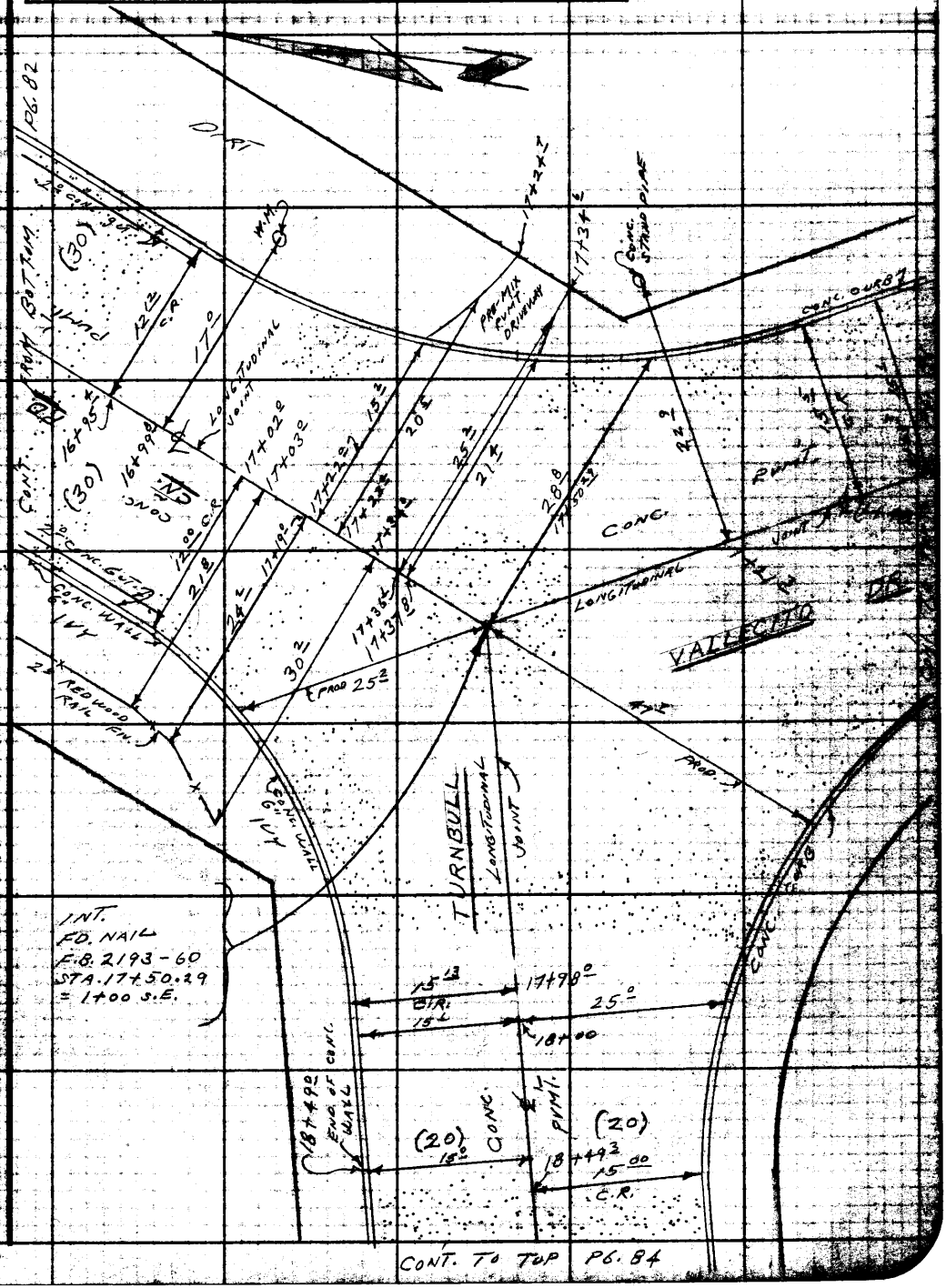
Notes Ck'd by	Survey of TURNBULL CN. RD. S.D. DIST.
Map No.	JN 2167.34 Tape Std °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 12-6-60
Date	Indexed

F. B. 2193 Pg. 83



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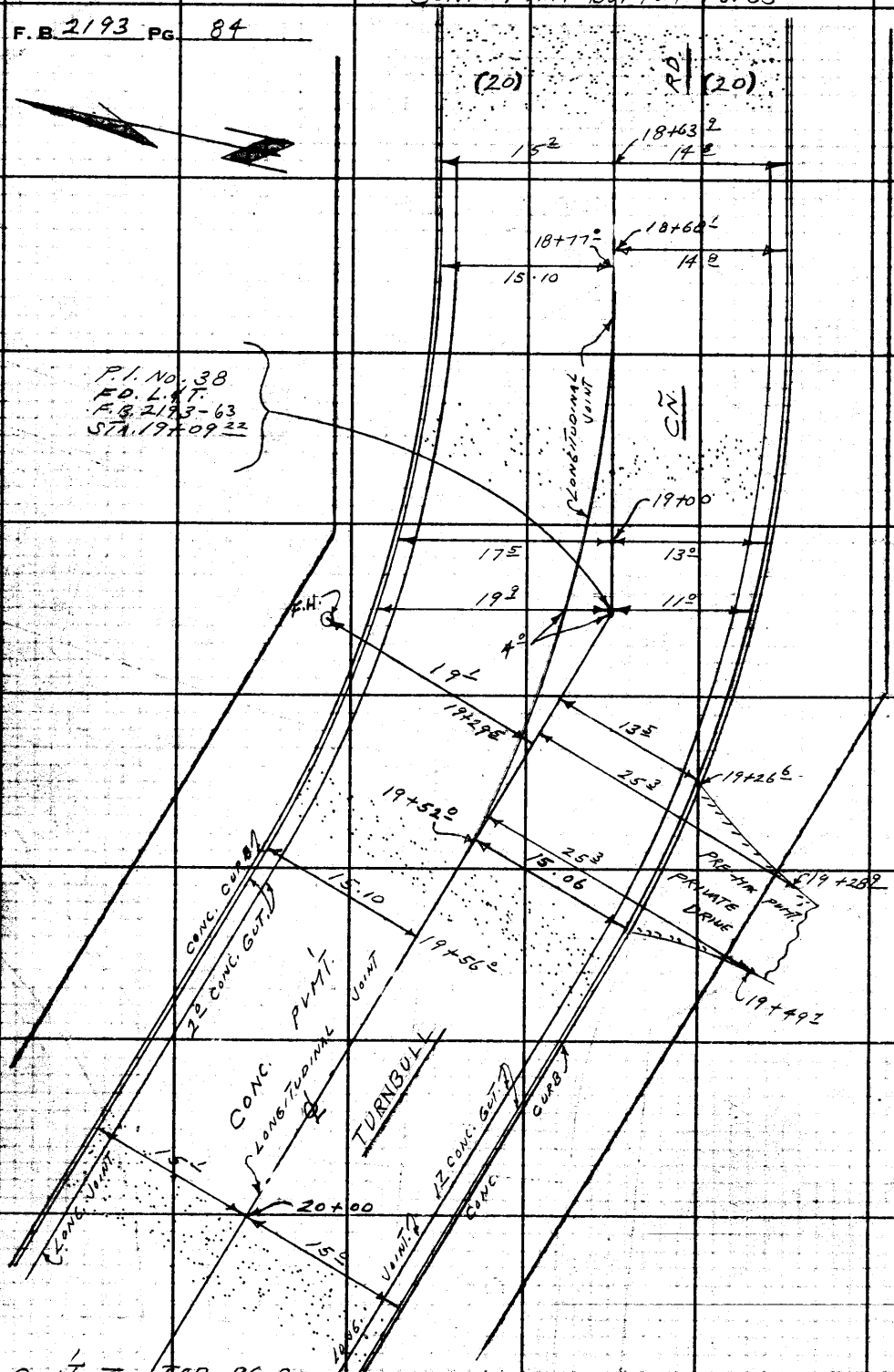
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

CONT. FROM BOTTOM PG. 83

F.B. 2193 PG. 84



CONT. TO TOP PG. 85

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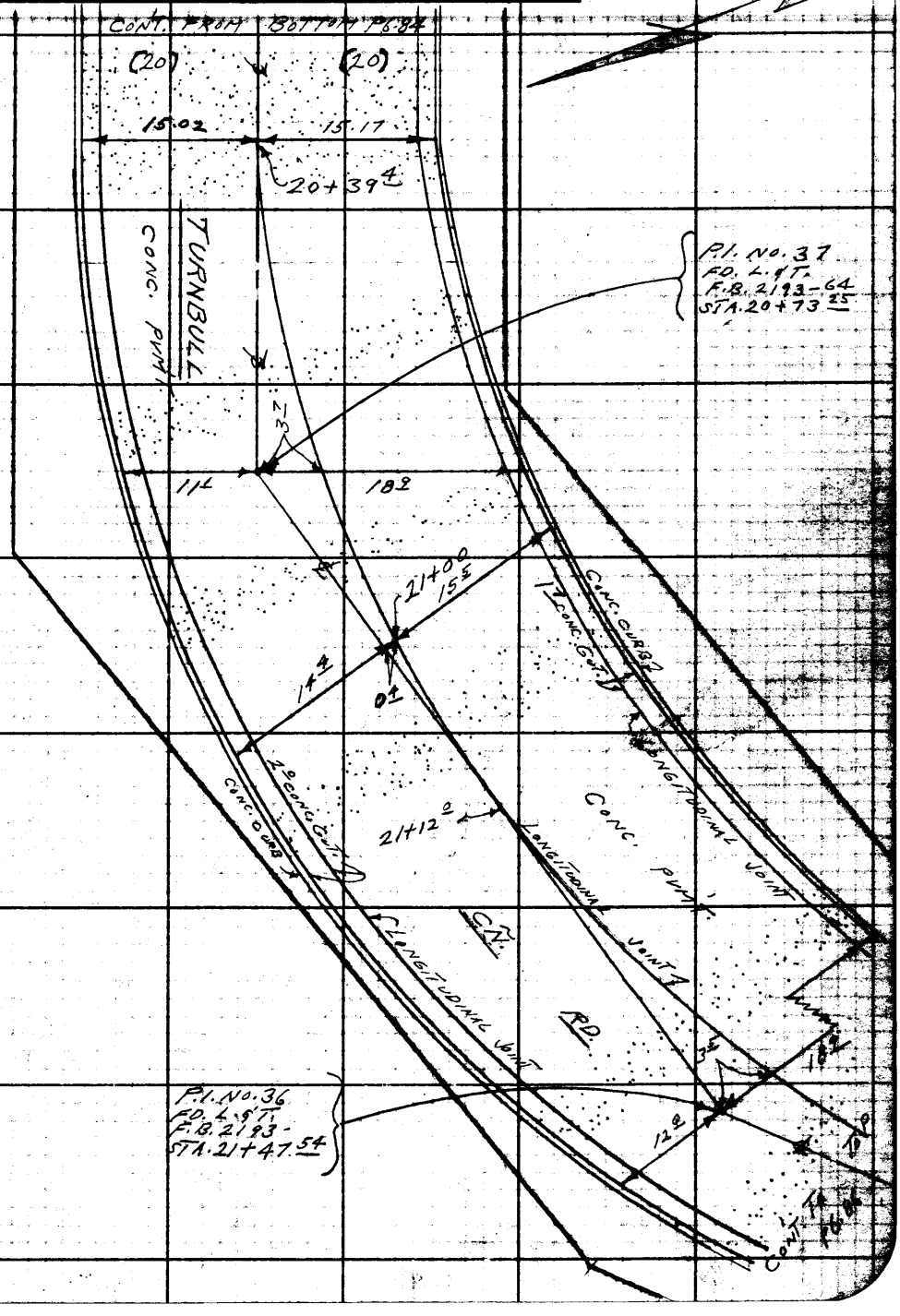
Notes Ck'd by	Survey of TURNBULL CN. RD. Dist.
Map No.	JN 2167.34 Tape Std °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 12-7-60
Date	Indexed H. E. OTT

F. B. 2193 PG. 85



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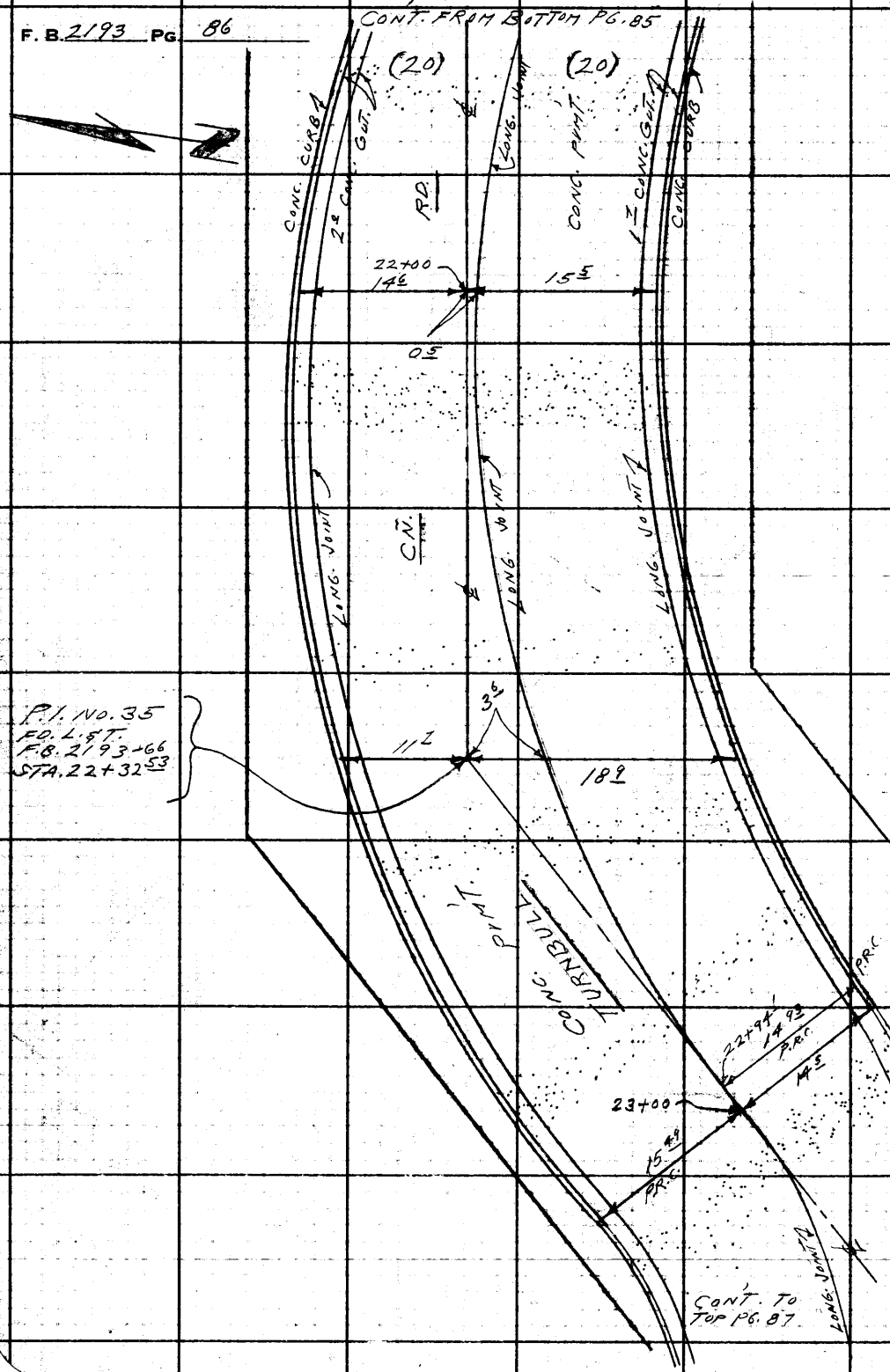
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

F. B. 2193 PG. 86



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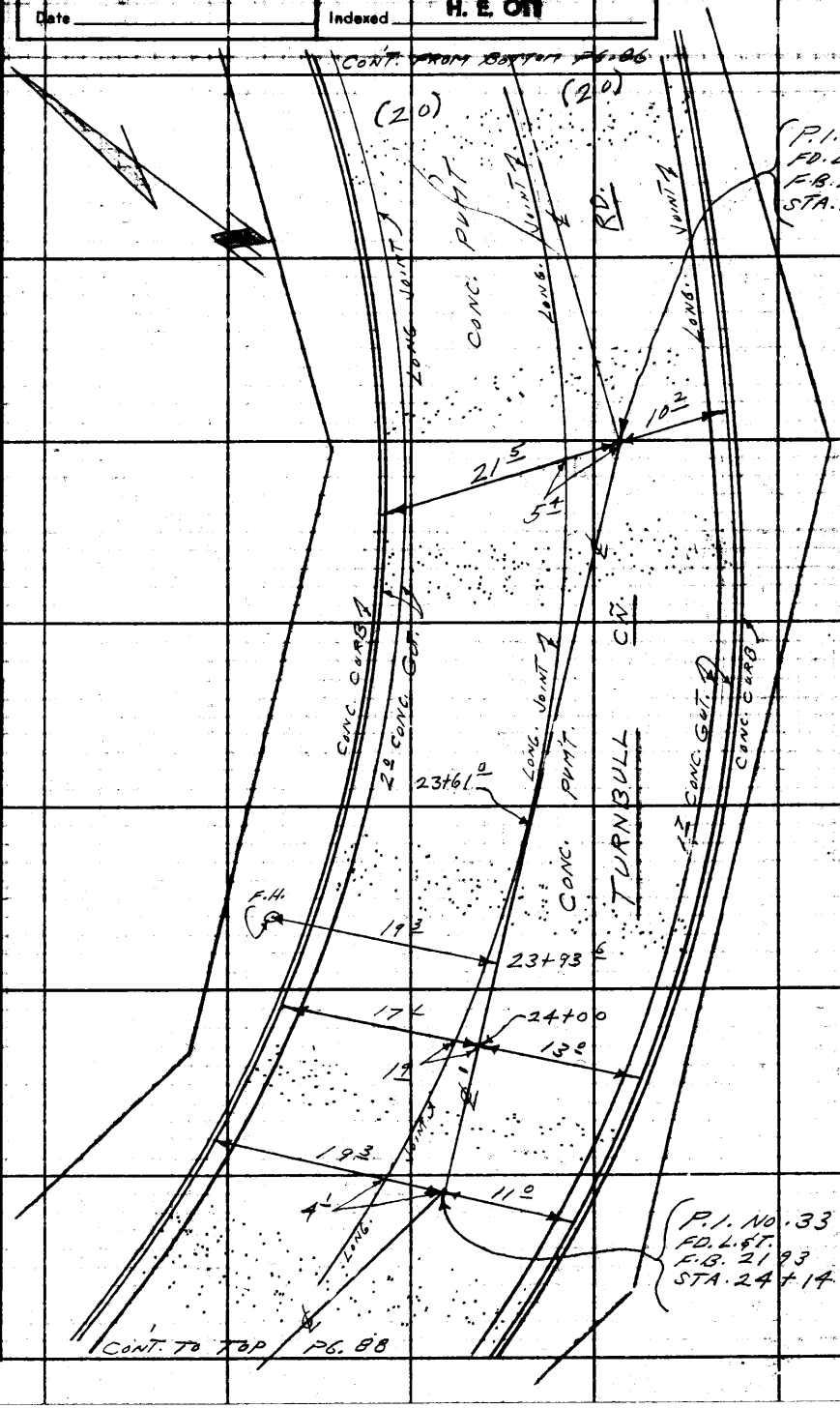
Notes Ck'd by	Survey of TURNBULL CN. RD. S.L. DIST.
Map No.	JN 2167.34 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-7-60
Date	Indexed H. E. OTT

F. B. 2193 PG. 87

CONT. FROM BOTTOM PG. 86



CONT. TO TOP PG. 88

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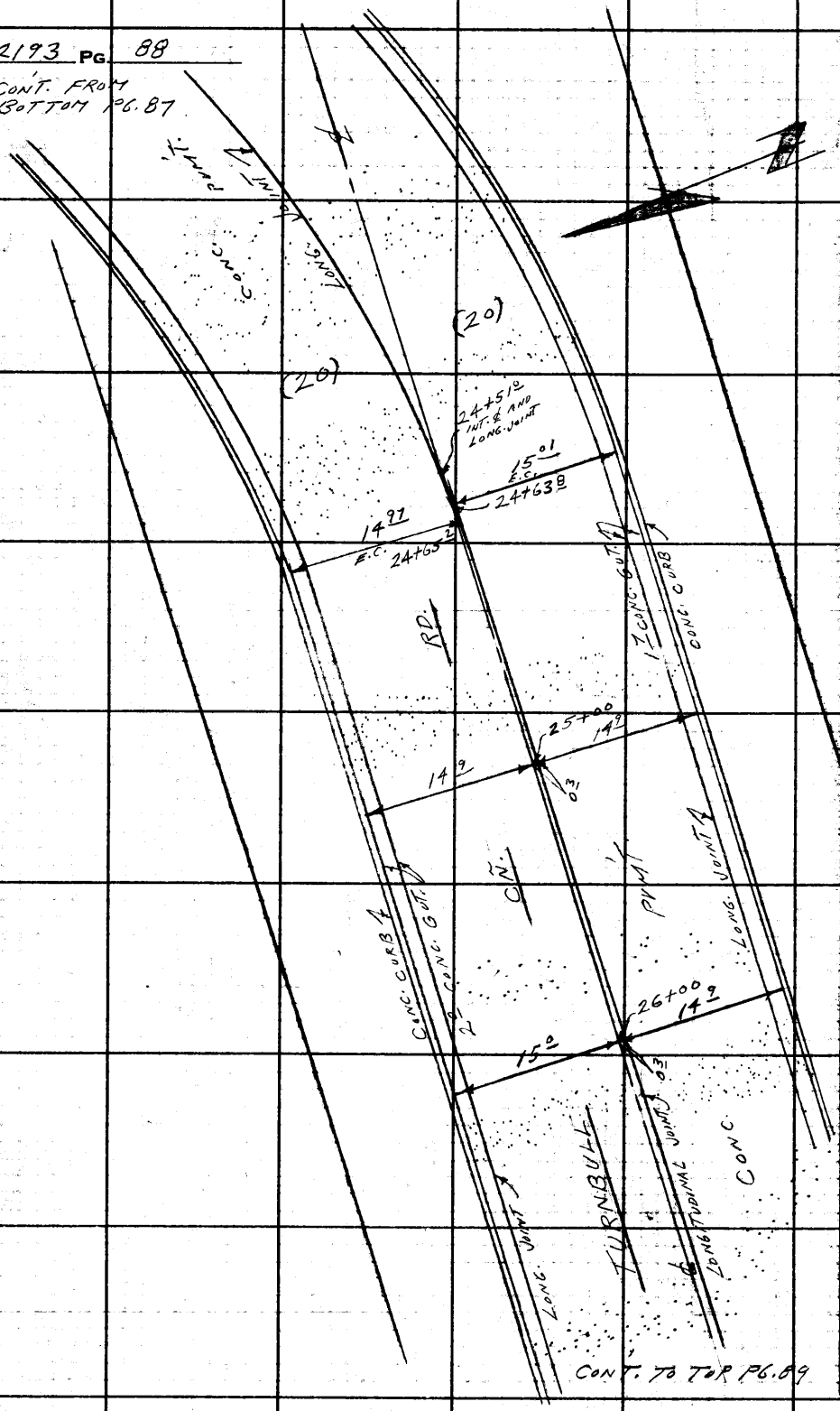
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

F. B. 2193 PG. 88

CON'T. FROM BOTTOM PG. 87



CON'T. TO TOP PG. 89

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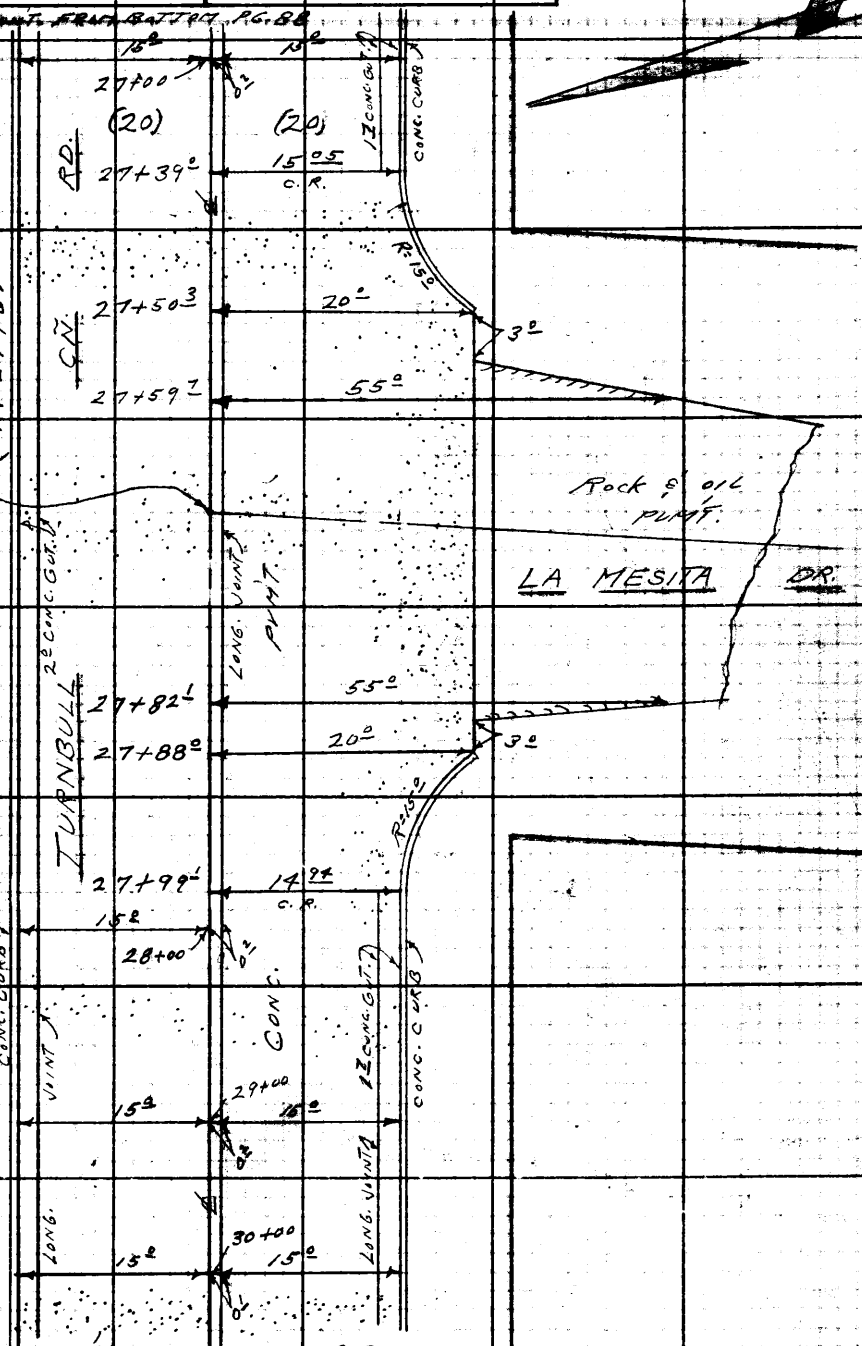
Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. DIST.
Map No.	JN 2167.74 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-6-60
Date	Indexed

F. B. 2193 PG. 89

CONT. FROM BOTTOM PG. 88



CONT. TO TOP PG. 90

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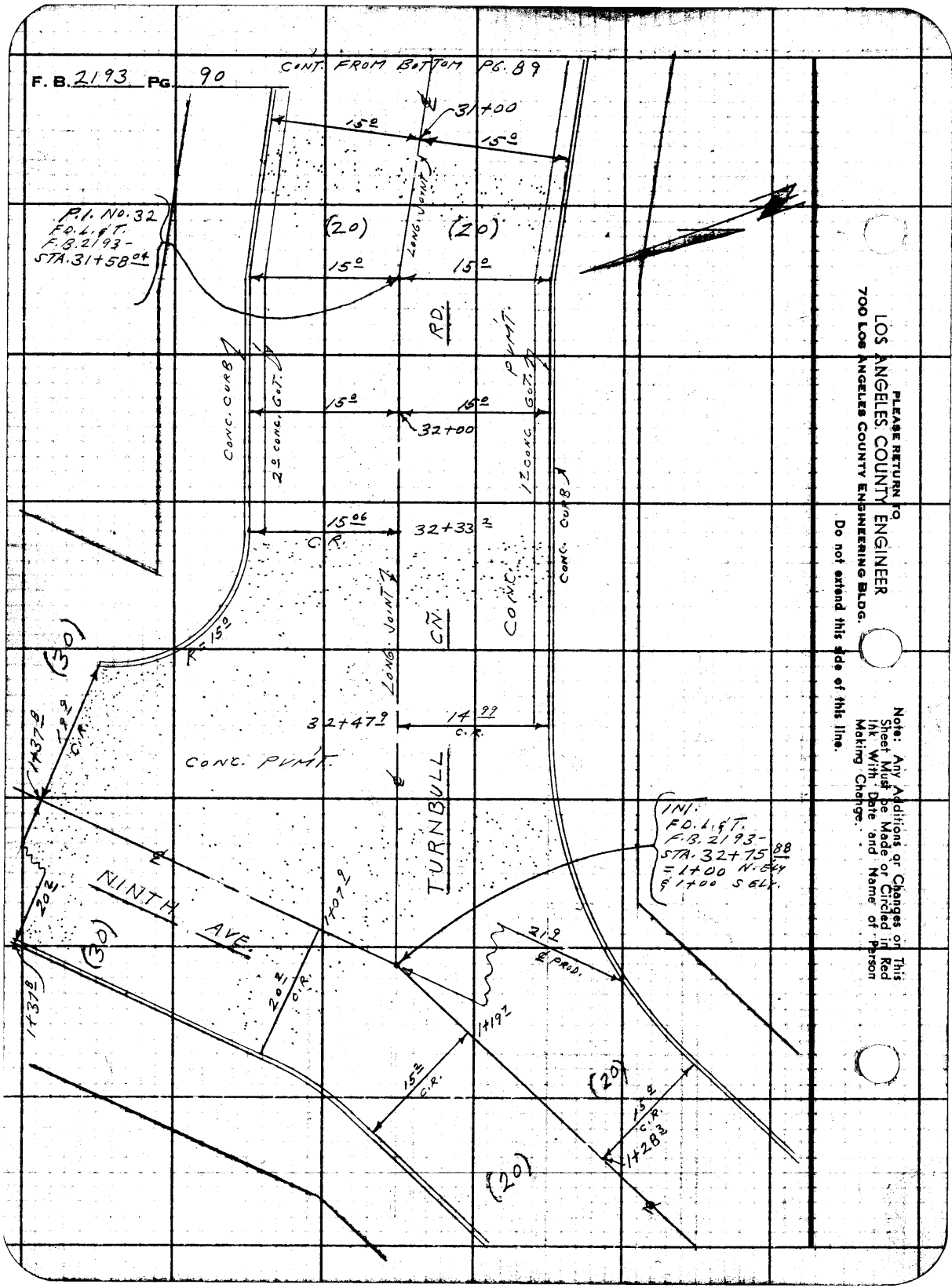
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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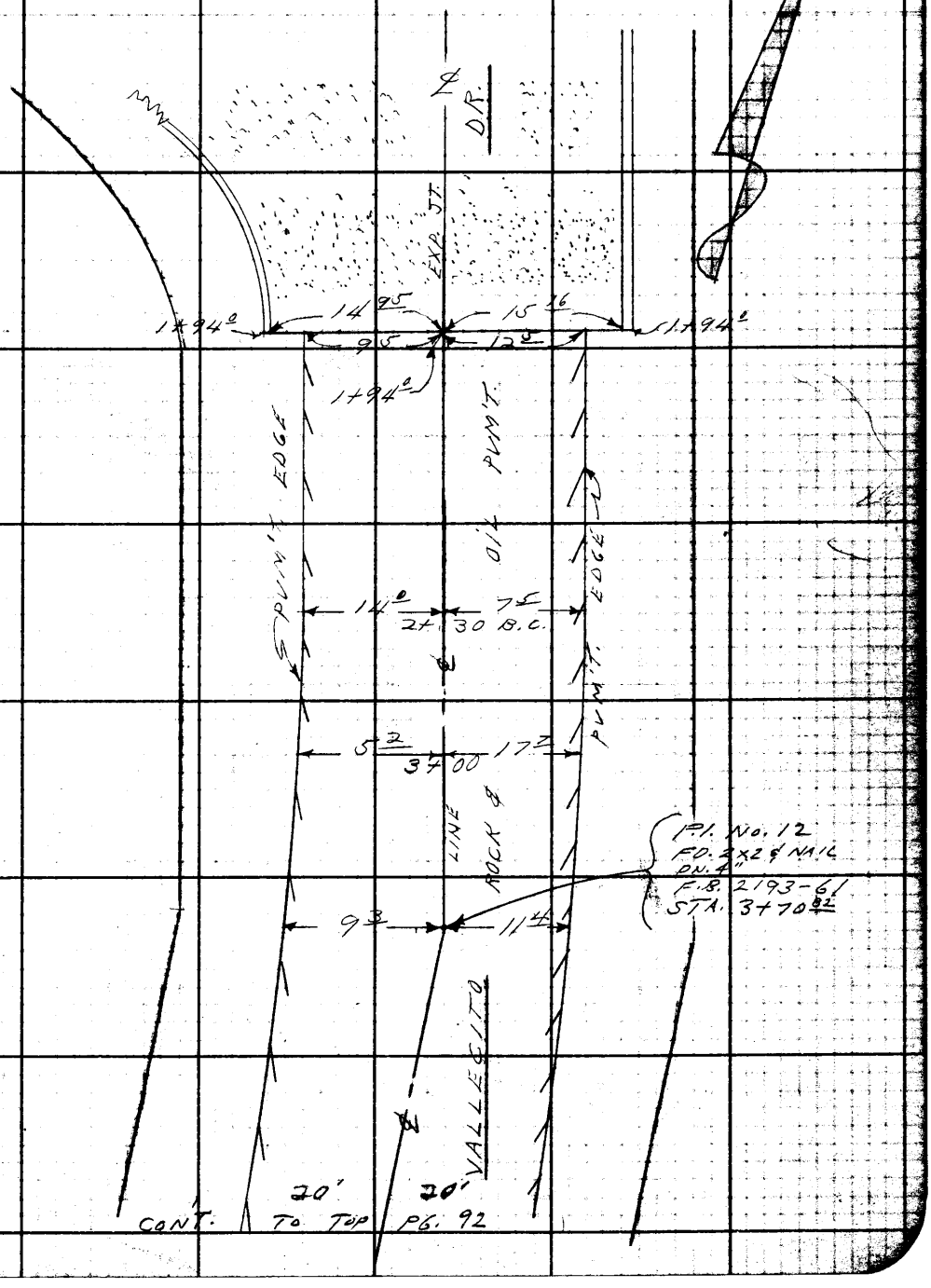
Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. DIST.
Map No.	JN 2167.34 Tape Std °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes P.H. Date 12-7-60
Date	Indexed

F. B. 2193 PG. 91

CONT. FROM RIGHT SIDE PG. 83



CONT. TO TOP PG. 92

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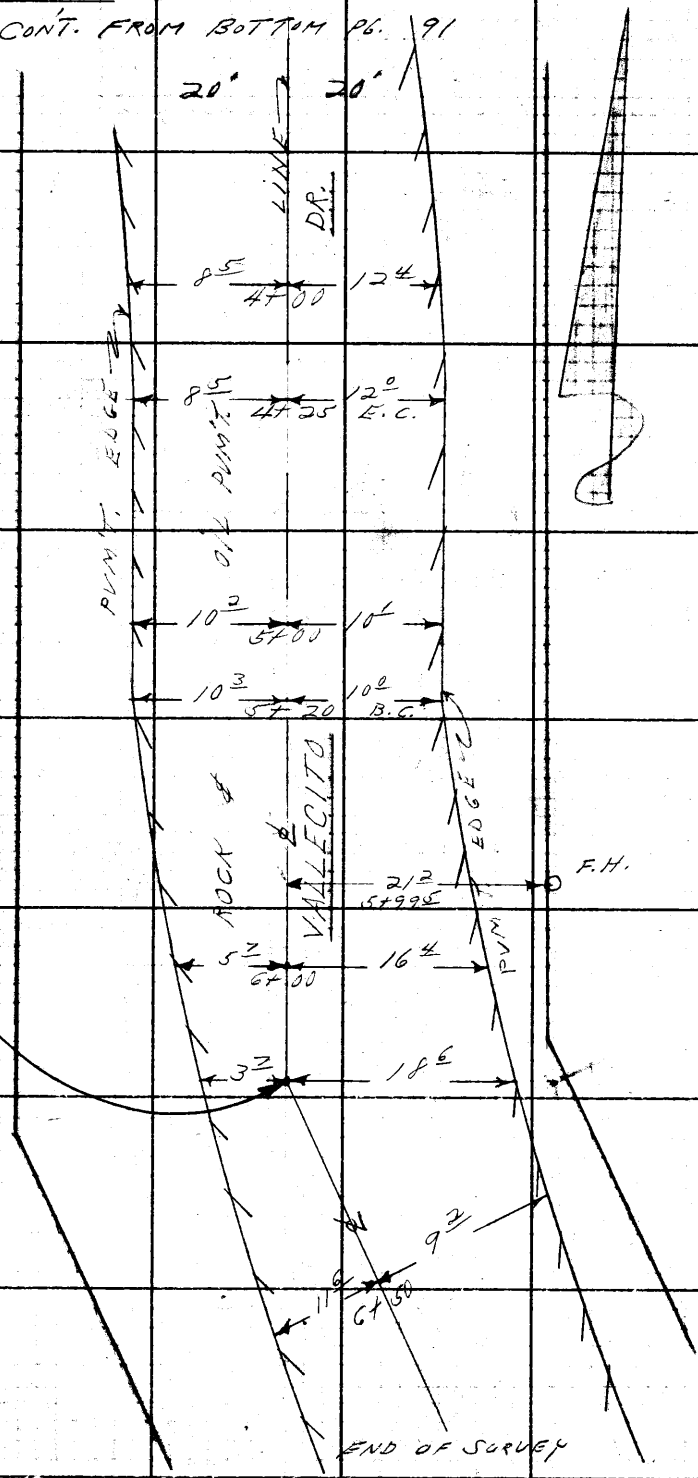
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F3096 S&E #247 11-58

F. B. 2193 PG. 92

CONT. FROM BOTTOM PG. 91



P.I. NO. 11
F.O. 2x2 NAIL
DN. 6"
F.B. 2193-62
STA. 6+07.04

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Profile No.	Notes Red	Plotted	Job No. CI 216734	Division No.	F.B. 2193 PG. 93
	Date	Date	Survey of TURNBULL CYN. RD.		
X-Sec. No.	Notes Chkd.	Checked	Survey by L.L.B.	Notes P.H.	Date 12-7-60
	Date	Date	Map No.	Indexed H. E. OTT	Date MAR 1 5 1960

TURNBULL CANYON ROAD

CI. 216734

CROSS-SECTIONS

LENKER ROD USED.

PARTY

BROWN, L.L.
HARRINGTON, P.
FALSEY, J.
WORKMAN, A

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

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76L-298 CE 307 11-58

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	TURNBULL CYN.	RD.
FD. B.M. AZ-406				353 08	B.M. AZ. 406 EL. 353.082 (FIELD) F.B. 2193-47 TURNBULL CANYON RD., E. SIDE, 320± FT. S. INT. PALM & TURNBULL CYN. RD., BT. SPN. IN TOP OF STORM DRAIN BOX - OUTLET	
1+00 M.H.	N.	RIM 353	52	353 51	23.9 LT. (E.) S.S.M.H.	MEAN RIM
	S.	RIM 353	50			MEAN RIM 353.51
	MEAN	RIM 353	51			MEAS. 11.88
						T. PIPE 341.63
						DIA. " -0.67
				340 96	INV. 8" INLET EAST	INV. 340.96
						MEAN R. 353.51
						MEAS. 11.87
						T. PIPE 341.64
						DIA. " -0.83
				340 81	INV. 10" STUB INLET SO.	INV. 340.81

F.B. 2193 PG. 94

Job No. CI 2167 34 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of TURNBULL CYN. RD. Date ____ Date ____ No. ____

Survey by L.L.B. Notes P.H. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed H.E.O.R. Date ____ Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.	
1+00 M.H.						MEAN. R.	353.51
						MEAS.	11.74
						T. PIPE	341.77
						DIA. "	-0.83
				340 94	INV. 10" STUB INLET W.	INV.	340.94
						MEAN. R.	
						MEAS.	11.95
						T. PIPE	
						DIA. "	
					INV. 10" OUTLET NORTH	INV.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. CE 2162 Division No. 34
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.G. Notes P.H. Date 12-7-60
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 2193 PG. 95

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	TURNBULL CYN.	RD.
					LEFT & EAST	℄ RIGHT & WEST
1+00				352 78		℄
				352 52		12³ GUT.
				353 48		" T. Cb.
				354 1		14' GRD. BRK.
				354 3		30' P/L.
				356 2		180' GRD.
				357 4		360 B.L.L.
				352 50	11⁹ GUT.	
				353 49	" T. Cb.	
				354 3	40' P/L.	
2+00				354 78		℄
				354 53		12³ GUT.
				355 56		" T. Cb.
				356 3		15' GRD. BRK.
				356 5		30' P/L.
				354 47	11⁹ GUT.	
				355 57	" T. Cb.	
				356 0	40' P/L.	

F.B. 2193 Pg. 96

Job No. CI.2167 34 Division No. Notes Red Plotted Profile

Survey of TURNBULL CYN. RD. Date Date No. X-Sec.

Survey by L.L.B. Notes P.H. Notes Chkd. Checked No.

Indexed H.E. Ott Date Date Date

76L-298 CE 307 11-58

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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.	TURNBULL CYN.	RD.
					LEFT & EAST	RIGHT & WEST
3+00				35727		℄
				35701		12³ GUT.
				35802		" T. Cb.
				3584		15' GRD. BRK.
				3584		30' P/L.
				35699	11⁹ GUT.	
				35797	" T. Cb.	
				3581	40' P/L.	
4+00				35993		℄
				35965		12³ GUT.
				36076		" T. Cb
				3608		15' GRD. BRK.
				3608		30' P/L.
				3627		150'
				3653		360
				35973	11⁹ GUT.	
				36078	11⁹ T. Cb.	
				3610	40' P/L.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. CI-2167 Division No. 34
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-7-60
Date ____ Date ____ Map No. ____ Indexed H. E. OIL Date ____

F.B. 2193 PG. 97

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	TURNBULL CYN.	RD.
					LEFT & EAST	RIGHT & WEST
5+00				362 51		℄
				362 30		12³ GUT.
				363 45		" T. Cb.
				363 8		15' GRD. BRK.
				364 2		30' P/L.
				362 34	11⁹ GUT.	
				363 45	" T. Cb.	
				363 8	40' P/L.	
6+00				365 16		℄
				365 01		12³ GUT.
				366 06		" T. Cb.
				366 9		15' GRD. BRK.
				367 3		30' P/L.
				364 92	11⁹ GUT.	
				365 99	" T. Cb.	
				366 3	40' P/L.	
7+00				367 81		℄
				367 60		12³ GUT.

F.B. 2193 PG. 98

Job No. CI-2167 34 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of TURNBULL CYN. RD. Date ____ Date ____ No. ____
Survey by L.L.B. Notes P.H. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H. E. OTT Date ____ Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
					LEFT & EAST	RIGHT & WEST
7+00				368 62		12³ T. Cb.
				369 5		15' GRD. BRK.
				370 0		30' P/L.
				371 9		180' GRD.
				373 1		360' B.L.L.
				367 57	11⁹ GUT.	
				368 60	" T. Cb	
				368 9	40' P/L.	
8+00				370 52		℄
				370 25		12³ GUT.
				371 17		" T. Cb.
				371 5		15' GRD. BRK.
				371 8		30' P/L.
				370 25	11⁹ GUT.	
				371 18	" T. Cb.	
				371 6	40' P/L.	
9+00				373 25		℄
				373 03		12³ GUT.

Profile Notes Red ____ Plotted ____ Job No. CE 2162 Division No. 34
No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-7-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OD Date ____

F.B. 2193 PG. 99

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	TURNBULL CYN.	RD.
					LEFT & EAST	RIGHT & WEST
9+00				374 11		12³ T. Cb.
				374 4		15' GRD. BRK.
				374 5		30' P/L.
				373 09	11⁹ GUT.	
				374 16	" T. Cb.	
				374 0	40' P/L.	
10+00				376 00		℄
				375 82		12³ GUT.
				376 72		" T. Cb.
				376 7		15' GRD. BRK.
				377 0		30' P/L.
				379 8		180' GRD.
				382 0		360 B.L.L.
				375 77	11⁹ GUT.	
				376 68	" T. Cb.	
				375 5	40' P/L.	
10+27	GRADE BRK. IN			376 67		℄
	CONC. PUMT. & Cbs.			376 41		12³ GUT.
				377 33		" T. Cb.

F.B. 2193 PG. 100
Job No. CI 2167 34 Division No. Notes Red Plotted Profile
Survey of TURNBULL CYN. RD. Date Date No.
Survey by L.L.B. Notes P.H. Notes Chkd. Checked X-Sec.
Indexed D. E. OTT Date Date Date No.

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
					LEFT & EAST	RIGHT & WEST
10+27				376 46	11 9 GUT.	
				377 35	" T. Cb.	
10+97 9	GRADE BRK.			377 69		℄
	IN PUM'T.			377 60		12 2 GUT.
				378 47		" T. Cb.
				379 4		15' GRD. BRK.
				377 60	12 0 GUT.	
				378 49	" T. Cb.	
				379 4	13 5 GRD. BRK.	
				377 9	30' P/L.	
11+00				377 68		℄
11+35 58				378 66	℄ INT. TURNBULL & LOS ROBLES AVE	
FD. B.M.AZ.408				379 84	B.M. AZ. EL. 379.837 (FIELD) FB. 2193-47 SEE PG. 47 FOR DESCRIPTION	

END X-SECTS. ON TURNBULL

Profile No. ____ Notes Red ____ Plotted ____ Job No. CI-2162 Division No. 34
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-7-60
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2193 PG. 107

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LOS ROBLES	AVE.
BEGIN X-SECTS. GOING EAST ON LOS ROBLES						
					LEFT & NORTH	RIGHT & SOUTH
1+32.0	GRADE BRK.			379 19		℄
	IN PUM'T.			379 65		18' GUT.
				380 30		" T.Cb.
				380 4		30' P/L.
				378 78	17.8 GUT.	
				379 81	" T.Cb.	
				378 5	30' P/L.	
2+00				378 2		℄
				378 2		10.5 PUM'T. EDGE
				377 9		17.5 GRD. BRK.
				378 5		23.5 " "
				378 8		30' P/L.
				377 8	6.3 PUM'T. EDGE	
				377 3	14' GRD. BRK.	
				377 2	30' P/L.	

F.B. 2193 Pg. 102

Job No. CI 216 34 Division No. Notes Red Plotted Profile
Survey of TURNBULL CYN. RD. Date Date No. X-Sec.
Survey by L.L.B. Notes P.H. Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LOS ROBLES	AVE.
					LEFT & NORTH	RIGHT & SOUTH
3+00				3763		℄
				3763		9² PUM'T. EDGE
				3760		15' GRD. BRK.
				3768		21' " "
				3771		30' P/L.
				3812		190' B.L.L.
				3761	6⁵ PUM'T. EDGE	
				3754	12⁵ GRD. BRK.	
				3751	30' P/L.	
				3709	205 B.L.L.	
3+75²	BEG. Cb. & GUT.			3742	20' GUT.	
				3749	" T. Cb.	
4+00				3744		℄
				3742		9² PUM'T. EDGE
				3738		15' GRD. BRK.
				3750		30' P/L.
				37383	20' GUT.	
				37444	" T. Cb.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. CE 2162 Division No. 34
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-7-60
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

H. E. ON

F.B. 2193 PG. 103

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LOS ROBLES	AVE.
					LEFT & NORTH	RIGHT & SOUTH
4+00				374 0	30' P/L	
5+00				371 8		℄
				371 6		10' PUM'T. EDGE
				371 5		13 GRD. BRK.
				372 0		30' P/L.
				371 26	20' GUT.	
				371 89	" T. Cb.	
				370 9	30' P/L.	
5+75				369 9		℄
				369 6		10' PUM'T. EDGE
				369 5		13' GRD. BRK.
				370 8		18 " "
				371 0		30' P/L.
				375 2		190' B.L.L.
				379 23	20' GUT.	
			?	379 86	" T. Cb.	
				380 0	30' P/L.	
				375 5	205' B.L.L.	

F.B. 2193 Pg. 104

Job No. CI 2167 34 Division No. Notes Red Plotted Profile

Survey of TURNBULL CYN. RD. Date Date No. X-Sec.

Survey by L.H.B. Notes P.H. Notes Chkd. Checked No.

Indexed Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LOS ROBLES	AVE.
					LEFT & NORTH	RIGHT & SOUTH
6+75				3685	℄	
FD. B.M. AZ-409				371 68	B.M. AZ-409 EL. 371.690 F.B. 2193-48 SEE PG. 48 FOR DESCRIPTION	
END X-SECTS. GOING EAST ON LOS ROBLES						

Profile No. ____ Notes Red ____ Plotted ____ Job No. CE 2167 Division No. 34
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-8-60
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2193 PG. 105

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	LOS ROBLES	AVE.
BEGIN X-SECTS. GOING WEST ON LOS ROBLES						
					LEFT & SOUTH	RIGHT & NORTH
1+31²				379 14		℄
				378 59		18' GUT.
				379 27		" T. Cb.
				380 1		20' GRD. BRK.
				379 7		30' P/L.
				379 59	18' GUT.	
				380 36	" T. Cb.	
				382 4	30' P/L.	
1+67	GRADE BRK. IN PUNIT.			381 1		℄
				380 6		8⁸ PUNIT. EDGE
				380 5		10' GRD. BRK.
				378 9		16' BOT. BK.
				381 2		19' TOP BK.
				380 4		30' P/L.
				381 2	10³ PUNIT. EDGE	
				380 9	14' GRD. BRK.	
				379 5	17' BOT. BK.	

F.B. 2193 PG. 706

Job No. CI 2162 34 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of TURNBULL CYN. RD. Date ____ Date ____ No. ____

Survey by L.L.B. Notes P.H. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed H.E. OD Date ____ Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LOS ROBLES	AVE.
					LEFT & SOUTH	RIGHT & NORTH
1+67				3825	24.5 TOP BK.	
				3830	30' P/L	
2+00				3820		℄
				3814		8.2 PVM'T. EDGE
				3811		11' GRD. BRK.
				3795		15 BOT. BK.
				3819		19' TOP "
				3811		30' P/L.
				3820	8.2 PVM'T. EDGE	
				3818	12.5 GRD. BRK.	
				3801	17 BOT. BK.	
				3833	23 TOP "	
				3839	30 P/L.	
3+00				3838		℄
				3835		8.0 PVM'T. EDGE
				3833		9.5 GRD. BRK.
				3812		15' BOT. BK.
				3831		18' T. BK.

Profile Notes Red ____ Plotted ____ Job No. CE 296 Division No. 34
No. ____ Date ____ Date ____ Date ____ Survey of TURNBULL CYN RD.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L.S. Notes P.H. Date 12-6-66
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2193 Pg. 107

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LOS ROBLES	AVE.
					LEFT & SOUTH	RIGHT & NORTH
3+00				3825		30' P/L.
				3837	8° PUM'T. EDGE	
				3834	11' GRD. BRK.	
				3824	15 BOT. BK.	
				3850	23.5 T. BK.	
				3858	30' P/L.	
4+00				3855		℄
				3851		7.7 PUM'T. EDGE
				3850		9' GRD. BRK.
				3828		14' BOT. BK.
				3849		18' T. BK.
				3844		30' P/L.
				3854	8° PUM'T. EDGE	
				3852	11 GRD. BRK.	
				3831	17.5 BOT. BK.	
				3869	24' T. BK.	
				3878	30' P/L.	
4+60				3855		30' P/L.

F.B. 2193 PG. 108

Job No. GI 2167 34 Division No. Notes Red Plotted Profile
Survey of TURNBULL CYN. RD. Date Date No. X-Sec.
Survey by L.L.B. Notes P.H. Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date No.

76L-298 CE 307 11-58

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

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STATION	B.S.	H.I.	F.S.	ELEV.	LOS ROBLES	AVE.
					LEFT & SOUTH	RIGHT & NORTH
4+60				3877	30' P/L.	
				3910	150' GRD., (CONT. UP)	
5+00				3870		℄
				3868		7' PUM'T. EDGE
				3866		10' GRD. BRK.
				3850		13' BOT. BK.
				3867		T. BK.
				3857		30' P/L.
				3869	8' PUM'T. EDGE	
				3865	13' GRD. BRK.	
				3848	17' BOT. BK.	
				3876	23' T. BK.	
				3880	30' P/L.	
6+00				3883		℄
				3880		6.5 PUM'T. EDGE
				3879		7.5 GRD. BRK.
				3860		12.5 BOT. BK.
				3873		18' T. BK.

Profile No. ____ Notes Red ____ Plotted ____ Job No. CI 2167 Division No. 34
Date ____ Date ____ Survey of TURNBULL CYN. RD.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-8-60
Date ____ Date ____ Map No. ____ Indexed H.E. OTT Date ____

F.B. 2193 PG. 109

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LOS ROBLES	AVE.
					LEFT & SOUTH	RIGHT & NORTH
6+00				386 6		30' P/L.
				388 3	8^{4} PUM'T. EDGE	
				388 2	11^{5} GRD. BRK.	
				386 1	16^{5} BOT. BK.	
				388 0	22^{5} T. BK.	
				388 9	30' P/L.	
7+00	0			389 79		℄
				389 5		6^{8} PUM'T. EDGE
				389 2		8' GRD. BRK.
				387 0		13' BOT. BK.
				389 6		20' T. BK.
				388 2		30' P/L.
				383 6		180' B.L.L.
				389 7	9^{2} PUM'T. EDGE	
				389 4	12' GRD. BRK.	
				388 1	17' BOT. BK.	
				390 2	25' T. BK.	
				390 0	30' P/L.	
				394 3	160' GRD. (CONT. UP)	

F.B. 2193 PG. 110

Job No. CE 2167 34 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of TURNBULL CYN. RD. Date ____ Date ____ No. ____

Survey by L.L.B. Notes P.H. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LOS ROBLES	AVE.
					LEFT & SOUTH	RIGHT & NORTH
8+00				3913		℄
				3911		6^{6} PUM'T. EDGE
				3906		9^{5} GRD. BRK.
				3888		14^{5} BOT. BK.
				3898		20' T. BK.
				3884		30' P/L.
				3912	8^{3} PUM'T. EDGE	
				3913	13' GRD. BRK.	
				3896	17' BOT. BK.	
				3920	22' T. BK.	
				3921	30' P/L.	
9+00				39287		℄
				3927		7^{2} PUM'T. EDGE
				3924		9' GRD. BRK.
				3902		14' BOT. BK.
				3920		19' T. BK.
				3909		30' P/L.
				3928	8^{2} PUM'T. EDGE	
				3926	12' GRD. BRK.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. CE 2162 Division No. 34
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-8-60
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2193 PG. 111

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LOS ROBLES	AVE.
					LEFT & SOUTH	RIGHT & NORTH
9+00				3907	17' BOT. BK.	
				3928	22' T. BK.	
				3936	30' P/L.	
10+00				3948		℄
				3947		8' PUM'T. EDGE
				3947		11' GRD. BRK.
				3928		14' BOT. BK.
				3944		19' T. BK.
				3931		30' P/L.
				3880		180' B.L.L.
				3947	8' PUM'T. EDGE	
				3945	12' GRD. BRK.	
				3932	18' BOT. BK.	
				3952	23' T. BK.	
				3956	30' P/L.	
				3994	145' GRD. (CONT. UP)	
11+00				3965		℄
				3961		7 ℄ PUM'T. EDGE

F.B. 2193 PG. 112

Job No. GI 2162 34 Division No. Notes Red Plotted Profile

Survey of TURNBULL CYN. RD. Date Date No. X-Sec.

Survey by L.L.B. Notes P.H. Notes Chkd. Checked No.

Indexed B.E. ON Date Date Date No.

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LOS ROBLES	AVE.
					LEFT & SOUTH	RIGHT & NORTH
11+00				3959		11' GRD. BRK.
				3944		14' BOT. BK.
				3959		19' T. BK.
				3949		30' P/L.
				3966	7³ PUM'T. EDGE	
				3965	11' GRD. BRK.	
				3945	16' BOT. BK.	
				3969	22' T. BK.	
				3978	30' P/L.	
12+00	0			39821		
				3978		8' PUM'T, EDGE
				3977		10' GRD. BRK.
				3960		14' BOT. BK.
				3971		18' T. BK.
				3954		30' P/L.
				3983	7³ PUM'T. EDGE	
				3982	10' GRD. BRK.	
				3965	15' BOT. BK.	
				3986	20' T. BK.	

Profile Notes Red ____ Plotted ____ Job No. CE 2162 Division No. 34
No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-8-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E.O. Date ____

F.B. 2193 PG. 113

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LOS ROBLES	AVE.
					LEFT & SOUTH	RIGHT & NORTH
12+00				3991	30' P/L.	
13+00				4004		℄
				4001		8' PUM'T. EDGE
				3999		9' GRD. BRK.
				3980		13' BOT. BK.
				3991		18' T. BK.
				3985		30' P/L.
				3940		180' B.L.L.
				4005	8' PUM'T. EDGE	
				4006	12' GRD. BRK.	
				3985	16' BOT. BK.	
				4012	21' T. BK.	
				4013	30' P/L.	
				4073	175' B.L.L. (CONT. UP)	
14+00				4029		℄
FD. B.M. AZ-415				39770	B.M. AZ-415 EL. 397.732 F.B. 2193-51	
					SEE PG. 51 FOR DESCRIPTION	

END X-SECTS. GOING WEST ON LOS ROBLES AVE.

F.B. 2193 PG. 114

Job No. CE 2167 34 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of TURNBULL CYN. RD. Date ____ Date ____ No. ____

Survey by L.L.B. Notes P.H. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
RESUME X-SECTS. ON TURNBULL CANYON RD.						
					LEFT & EAST	RIGHT & WEST
11+74²				379 85		℄
				379 62		12' GUT.
				380 74		" T. Cb.
				38 24		17' GRD. BRK.
				38 28		30' P/L
				379 65	12' GUT.	
				380 61	" T. Cb.	
				381 0	14' GRD. BRK.	
				380 4	30' P/L.	
12+00				380 65		℄
				380 35		12' GUT.
				381 51		" T. Cb.
				383 0		17' GRD. BRK.
				383 3		30' P/L.
				380 48	12' GUT.	
				381 50	" T. Cb.	
				381 5	30' P/L.	
13+00				384 13		℄

Profile Notes Red ____ Plotted ____ Job No. 2162 34 Division No. ____
No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-9-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. ON Date ____

F.B. 2193 Pg. 115

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
					LEFT & EAST	RIGHT & WEST
13+00				383 95		12' GUT.
				384 10		" T. Cb. DEP.
				385 2		17' GRD. BRK.
				385 9		30' P/L.
				383 94	12' GUT.	
				385 07	" T. Cb.	
				384 7	30' P/L.	
14+00	0			387 49		℄
				387 31		12' GUT.
				388 33		" T. Cb.
				389 2		30' P/L.
				391 2		162' B.L.L.
				387 30	12' GUT.	
				387 41	" T. Cb. DEP.	
				388 3	30' P/L.	
				384 2	180' GRD.	
				379 0	360' B.L.L.	
15+00				390 62		℄

F.B. 2193 PG. 116

Job No. 2167 34 CE Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of TURNBULL CYN. RD. Date ____ Date ____ No. ____

Survey by L.L.B. Notes P.H. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed H.E. OR Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
					LEFT & SOUTH	RIGHT & WEST
15+00				390 41		12' GUT.
				391 32		" T. Cb.
				392 0		14' GRD. BRK.
				392 6		30' P/L.
				390 42	12' GUT.	
				391 28	" T. Cb.	
				391 2	30' P/L.	
16+00				392 26		℄
				392 07		12' GUT.
				393 05		" T. Cb.
				395 0		17' GRD. BRK.
				395 2		30' P/L.
				392 06	12' GUT.	
				393 06	" T. Cb.	
				393 1	30' P/L.	
16+49.5	BEG. CONC. WALL			393 71		12' T. Cb.
				396 17		12' TOP CONC. WALL

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2167 Division No. CI. 34
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.B. Date 12-5-60
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 2193 Pg. 117

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	TURNBULL CYN.	RD.
					LEFT & EAST	RIGHT & WEST
16+95.4	C.R.			393 42	12' GUT.	
				394 37	" T. Cb.	
17+02.0				393 61		℄
				393 56		12' GUT.
				396 85		" T. OF WALL
				397 2		17' GRD. BRK.
				397 3		30' P/L.
				399 1		160' B.L.L.
				394 8	30' P/L.	
				389 5	267' B.L.L.	
				387 3	360' B.L.L.	
17+50.29				394 90	℄ INT. TURNBULL & VALLECITO	
FD. B.M. A.Z. 410				397 40	B.M. A.Z. 410 EL. 397.401 F.B. 2193-48 SEE PG. 48 FOR DESCRIPTION	

END X-SECTS. ON TURNBULL CYN. RD.

F.B. 2193 PG. 118

Job No. 2167 34 CI. Division No. Notes Red Plotted Profile
Survey of TURNBULL CYN. RD. Date Date No. X-Sec.
Survey by L.L.B. Notes P.H. Notes Chkd. Checked
Indexed H.E. OTT Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	VALLECITO	DR.
BEGIN X-SECTS. GOING SOUTHERLY ON VALLECITO DR.						
					LEFT & EAST	RIGHT & WEST
				396 86	15^{5} GUT.	
1+48^{4}	C.R.			397 79	" T.Cb.	
1+94^{0}	END CONC. PUM'T.			398 41		℄
				398 12		15' GUT.
				399 10		" T.Cb.
				404 3		30' TOP BK. (CONT. UP)
				398 12	15' GUT.	
				399 07	" T.Cb.	
				399 4	20' P/L.	
2+00				398 8		℄
				398 6		9^{5} PUM'T. EDGE
				398 6	12^{5} PUM'T. EDGE	
2+50				401 9	20' P/L.	
3+00	⊙			402 15		℄
				402 1		5' PUM'T. EDGE

Profile No. ____ Notes Red ____ Plotted ____ Job No. CE 2167 Division No. 34
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-9-60
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2193 Pg. 119

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	VALLECITO	DR.
					LEFT & EAST	RIGHT & WEST
3+00				4022		9' GRD. BRK.
				4000		11' BOT. BK.
				4075		20' TOP BK.
				4075		20' P/L. (CONT. UP)
				4018	17± PUM'T. EDGE	
				4021	20' P/L.	
				3957	100' GRD.	
3+20±				3974	N.E. COR. HO. # 1618 GRD.	SEE Pg.134 FOR LOC.
				3986	S.E. " " " "	
3+91±				3967	LOWER FLOOR EL. "GUEST" HOUSE HO. # 1626	
					SEE Pg.134 FOR LOC.	
				3977	FL. EL. LAUND. R.M. "GUEST" HO. # 1626	
4+00				4050.8	℄	
				4049.9		8.5 PUM'T. EDGE
				4049		12.5 GRD. BRK.
				4026		16' BOT. BK.
				4078		23' T. BK. (CONT. UP)
				4049	12.4 PUM'T. EDGE	

F.B. 2193 Pg. 20

Job No. 2162 34 Division No. CE

Survey of TURNBULL CYN. RD.

Survey by L.L.B. Notes P.H.

Indexed H.E. OH Date

Notes Red Plotted Profile

Date Date No.

Notes Chkd. Checked X-Sec.

Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	VALLECITO	DR.
					LEFT & EAST	RIGHT & WEST
4+00				405 4	15.5 GRD. BRK.	
				403 6	20' P/L.	
				403 0	23' GRD. BRK.	
				394 4	180' B.L.L.	
4+82				396 5	N.E. COR. HO. # 16	40, GRD. } SEE PG. 124
				396 9	S.E. " " "	, " } FOR LOC.
5+00				407 2		℄
				407 6		10' PUM'T. EDGE
				407 1		17' GRD. BRK.
				404 7		22' BOT. BK.
				408 1		27' T. BK (CONT. UP)
				406 7	10' PUM'T. EDGE	
				407 7	12.5 GRD. BRK.	
				407 5	15.5 T. BK.	
				403 3	25' BOT. BK.	
6+00				409 4		℄
				409 8		5.2 PUM'T. EDGE

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2162 C.I. Division No. 34
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-9-60
Date ____ Date ____ Map No. ____ Indexed ____ H. E. OH Date ____

F.B. 2193 Pg. 121

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	VALLECITO	DR.
					LEFT & EAST	RIGHT & WEST
6+00				4097		13' T. BK.
				4070		19.5 BOT. BK.
				4090		26' T. BK., (CONT. UP)
				4081	16.4 PUM'T. EDGE	
				4088	19.0 T. BK.	
				4039	31' BOT. BK.	
				3954	200' GRD.	
				3866	375' B.L.L.	
6+50				4095		℄
FD. B.M. AZ-411				40778	B.M. A.Z. 411 EL. 407.789 F.B. SEE PG. FOR LOCATION	

END X-SECTS. ON VALLECITO DR.

F.B. 2193 Pg. 122 Job No. 2167 34 Division No. CE Notes Red Plotted Profile
Survey of TURNBULL CYN. RD. Date Date No. X-Sec.
Survey by L.L.B. Notes P.H. Notes Chkd. Checked
Indexed H.E. OTT Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
RESUME X-SECTS. ON TURNBULL CYN. RD. WESTERLY						
					LEFT & SOUTH	RIGHT & NORTH
17+98	C.R.			396 27		℄
				395 68		15' GUT.
				398 34		" T. WALL
				398 8		20' P/L.
18+00				396 84	25' GUT.	
				397 85	" T. Cb.	
				402 5	37' T. BK., (CONT. UP)	
18+49^{3}	C.R.			398 11	15' GUT.	
				399 07	" T. Cb.	
				403 2	23' T. BK., (CONT. UP)	
19+00				399 77		℄
				399 57		17^{5} GUT.
				400 57		" T. Cb.
				400 8		20' P/L.

Profile Notes Red ____ Plotted ____ Job No. 2162 34 Division No. ____
No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OH Date ____

F.B. 2193 Pg. 123

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	TURNBULL CYN.	RD.
					LEFT & SOUTH	RIGHT & NORTH
19+00				399 41	13' GUT.	
				400 41	" T. Cb.	
				406 6	23' T. BK. (CONT. UP)	
20+00				402 87		℄
				402 50		15' GUT.
				403 51		" T. Cb.
				403 6		20' P/L.
				402 55	15' GUT	
				403 55	" T. Cb.	
				406 1	18.5 T. BK. (CONT. UP)	
21+00				405 90		℄
				405 70		14.4 GUT.
				406 71		" T. Cb.
				406 9		20' P/L.
				406 1		100' GRD.
				403 8		200' "
				405 61	15.5 GUT.	
				406 61	" T. Cb.	

F.B. 2193 Pg. 124

Job No. 2167 34 Division No. CE

Survey of TURNBULL CYN. RD.

Survey by L.L.B. Notes P.H.

Indexed H.E. Ott Date

Notes Red Plotted Date No. Profile

Notes Chkd. Checked Date No. X-Sec.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
					LEFT & SOUTH	RIGHT & NORTH
21+00				407 9	16.5 TOP BK. (CONT. UP)	
				411 3	80' GRD. " "	
22+00				408 99		℄
				408 68		14.6 GUT.
				409 65		" T. Cb.
				410 1		20' P/L.
				408 84	15.5 GUT.	
				409 55	" T. Cb.	
				410 4	18.5 T. BK.	
				413 4	70' GRD. (CONT. UP)	
23+00				412 00		℄
				411 78		15.5 GUT.
				412 75		" T. Cb.
				413 1		20' P/L.
				411 70	14.5 GUT.	
				412 70	" T. Cb.	
				413 2	18' T. BK.	
				416 3	55 GRD. (CONT. UP)	
24+00				415 09		℄

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2467 34 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes R.H. Date 12-12-69
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 2193 PG. 125

76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV	TURNBULL CYN.	RD.
					LEFT & SOUTH	RIGHT & NORTH
24+00				414 89		17' GUT.
				415 88		" T. Cb.
				416 0		20' P/L.
				416 4		125 GRD.
				413 4		250' "
				414 82	13' GUT.	
				415 79	" T. Cb.	
				416 5	15' T. BK.	
				418 0	63' GRD. (CONT. UP)	
25+00				418 20		℄
				417 85		15' GUT.
				418 83		" T. Cb.
				418 9		20' P/L.
				417 86	15' GUT.	
				418 85	" T. Cb.	
				419 8	18' T. BK.	
				421 5	GRD. (CONT. UP)	

F.B. 2193 Pg. 126 CI. Job No. 2167 34 Division No. Notes Red Plotted Profile
Survey of TURNBULL CYN. RD. Date Date No. X-Sec.
Survey by L.L.B. Notes P.H. Notes Chkd. Checked No.
Indexed B.E. Ott Date Date Date

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
					LEFT & SOUTH	RIGHT & NORTH
26+00				421 23		℄
				420 85		15' GUT.
				421 85		" T. Cb.
				422 0		20' P/L.
				420 94	15' GUT.	
				421 93	" T. Cb.	
				422 6	18' T. BK.	
				424 3	GRD. (CONT. UP)	
27+00				424 36		℄
				424 04		15' GUT.
				425 04		" T. Cb.
				425 2		20' P/L.
				423 5		150' GRD.
				419 1		310' B.L.L.
				424 01	15' GUT.	
				425 02	" T. Cb.	
				425 8	17' T. BK.	
				426 5	80' GRD.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. CI. 2167 34 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-12-68
Date ____ Date ____ Map No. ____ Indexed H. E. OH Date ____

F.B. 2193 PG. 127

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	TURNBULL CYN.	RD.
					LEFT & SOUTH	RIGHT & NORTH
27+39	C.R.			425 24	15' GUT.	
				426 27	" T. Cb.	
				427 2	19' T. BK.	
27+50 3	C.R.			425 83	20' GUT.	
				426 84	" T. Cb.	
27+67 32				426 77	INT. TURNBULL & LA MESITA	
27+88	C.R.			427 44	20' GUT.	
				428 37	" T. Cb.	
27+99 1	C.R.			428 11		℄
				427 95		15' GUT.
				428 91		" T. Cb.
				429 2		20' P/L.
				427 82	15' GUT.	
				428 82	" T. Cb.	
				429 9	18' T. BK.	
				431 5	65' GRD. (CONT. UP)	

F.B. 2193 Pg. 128 CI. Job No. 2167 34 Division No. Notes Red Plotted Profile
Survey of TURNBULL CYN. RD. Date Date No. X-Sec.
Survey by L.L.B. Notes P.H. Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

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STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
					LEFT & SOUTH	RIGHT & NORTH
29+00				432 24		℄
				431 88		15' G.UT.
				432 88		" T.Cb.
				433 2		20' P/L.
				431 86	15' GUT.	
				432 87	" T.Cb.	
				434 1	18' T.BK.	
				435 8	65' GRD. (CONT. UP)	
30+00				436 33		℄
				436 00		15' GUT.
				437 01		" T.Cb.
				437 3		20' P/L.
				436 8		105' GRD.
				432 7		210' B.L.L.
				436 02	15' GUT.	
				437 00	" T.Cb.	
				438 4	20' T.BK.	
				439 3	65' GRD. (CONT. UP)	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2167 34 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-12-60
Date ____ Date ____ Map No. ____ Indexed H. E. OTI Date ____

F.B. 2193 PG. 129

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	TURNBULL CYN.	RD.
					LEFT & SOUTH	RIGHT & NORTH
31+00				440 49		℄
				440 09		15' GUT.
				441 10		" T.Cb.
				442 3		20' P/L.
				440 22	15' GUT.	
				441 12	" T.Cb.	
				443 9	20' T.BK.	
				445 7	GRD. (CONT. UP)	
32+00				444 53		℄
				444 23		15' GUT.
				445 20		" T.Cb.
				446 9		25' T.BK.
				444 0		100' GRD.
				440 7		180 B.L.L
				444 25	15' GUT.	
				445 26	" T.Cb.	
				445 8	19' BOT. WALL	
				448 8	20' TOP WALL	
				449 5	75 GRD.	

F.B. 2193 PG. 130

Job No. CI-216 34 Division No. Notes Red Plotted Profile
Survey of TURNBULL CYN. RD. Date Date No. X-Sec.
Survey by L.L.B. Notes P.H. Notes Chkd. Checked
Indexed H. E. OH Date Date Date No.

L 298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	TURNBULL CYN.	RD.
					LEFT & SOUTH	RIGHT & NORTH
32+33.2	C.R.			445 49		15' GUT.
				446 53		" T.Cb.
				449 1		24' T.BK.
32+47.9	C.R.			446 28	15' GUT.	
				447 24	" T.Cb.	
				448 0	18.5 BOT. WALL	
				451 0	19.5 TOP WALL	
32+75.88				447 74	INT. TURNBULL & 9TH AVE.	
FD. B.M. AZ-414				448 88.	B.M. A.Z. 414 EL. 448.883 (FIELD) F.B. 2193 Pg. 50	
					SEE PG. 50 FOR LOCATION	

Profile Notes Red ____ Plotted ____ Job No. CI 2162 Division No. 34
No. ____ Date ____ Date ____ Survey of TURNBULL CYN. RD.
X-Sec. - Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes P.H. Date 12-12-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E.O.D. Date ____

F.B. 2193 PG. 131

F. B. 2193 Pg. 132

Job No. CE 2162 Division No. 34 Notes Red _____ Plotted _____ Profile

Survey of TURNBULL CYN. RD. Date _____ Date _____ No. _____

Survey by L.L.B. Notes P.H. Notes Chkd. _____ Checked _____ X-Sec.

Indexed H. F. OTT Date _____ Date _____ Date _____ No. _____

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

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76L-298 CE 307 11-58

Notes Ck'd by	Survey of TURNBULL CN. RD. S.S. DIST.	F. B. 2193 Pg. 133
Map No.	JN 2167.34 Tape Std °F	
Office Work	Surveyed by L.L. BROWN	
Checked	Notes L.L. BROWN Date 12-9-60	
Date	Indexed B.E. Ott DEC 1 5 '60	

TURNBULL CAÑON ROAD

C.I. 2167.34

LOCATION OF HOUSES THAT ARE LOW IN ELEVATION.

PARTY

BROWN, L.L.

HARRINGTON, P.

FALSEY, J.

WORKMAN, A.

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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COUNTY ENGINEERING BLDG.
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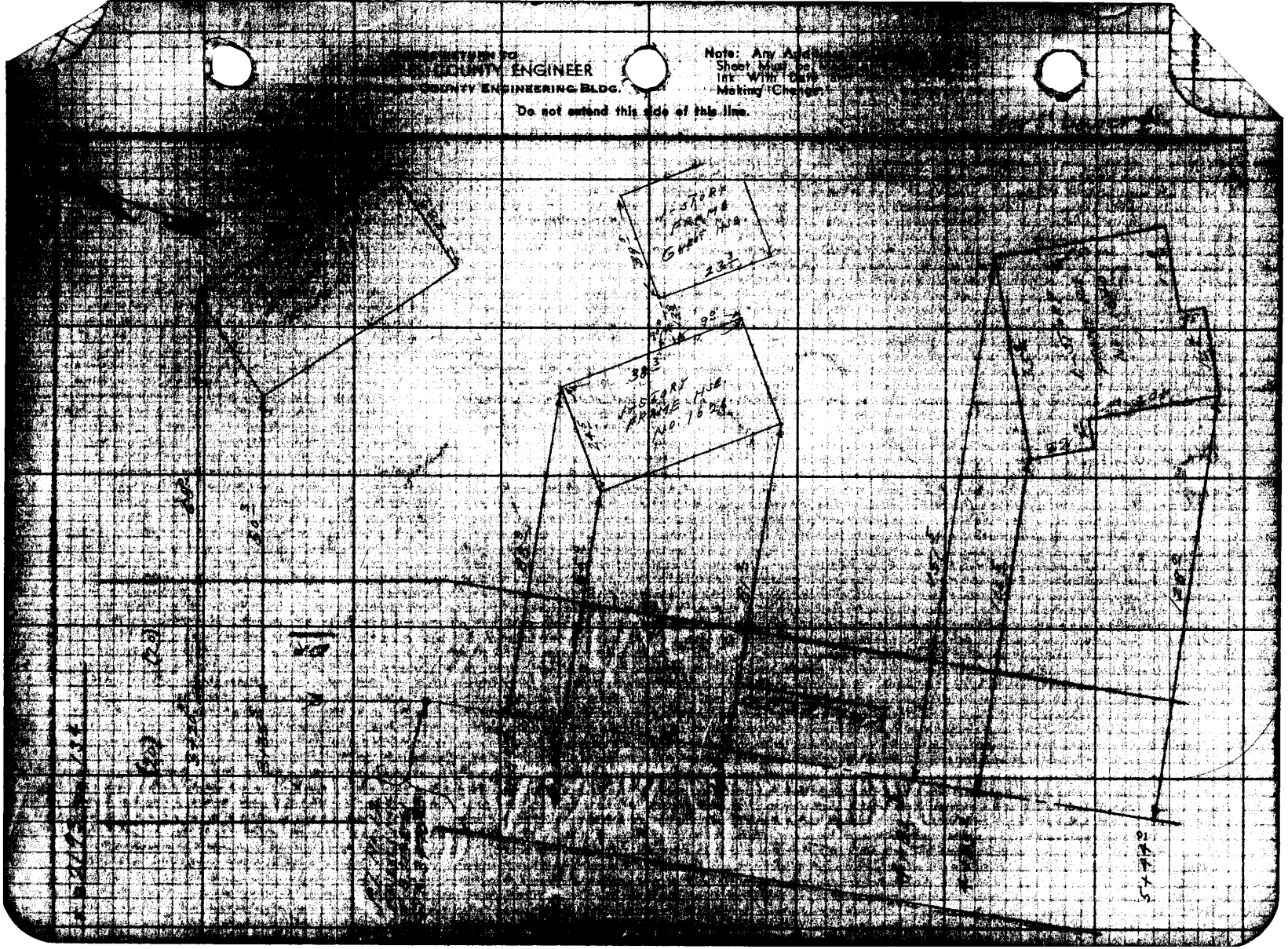
Making Change.
Do not extend this side of this line.



Profile No.	Notes Red	Plotted	Job No. 2167.34	Division No. 11	F.B. 2193	Pg. 135
	Date	Date	Survey of TURNBULL CANYON ROAD			
X-Sec. No.	Notes Chkd.	Checked	Survey by RICHARDS	Notes W.F.R.	Date 2-21-62	
	Date	Date	Map No.	Indexed H. E. OTT	Date FEB 26 '62	

J.N. 2167.34

TURNBULL CANYON ROAD

"ADDITIONAL WORK"

LOCATIONS AND ELEVATIONS

OF

SEWER OUTLETS

OF

HOUSES ON THE NORTH SIDE OF LOS ROBLES AVE., ON THE SECOND & THIRD LOTS WEST OF TURNBULL CANYON ROAD.

ALSO

INVERT ELEVATIONS

OF

EXISTING MANHOLES

ON

TURNBULL CANYON RD.

AND

JANLU ST.

RICHARDS
CLASNER
TURRILL
CROWDER

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

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

Do not extend notes this side of this line.

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

76-1298 CE 307 3-61

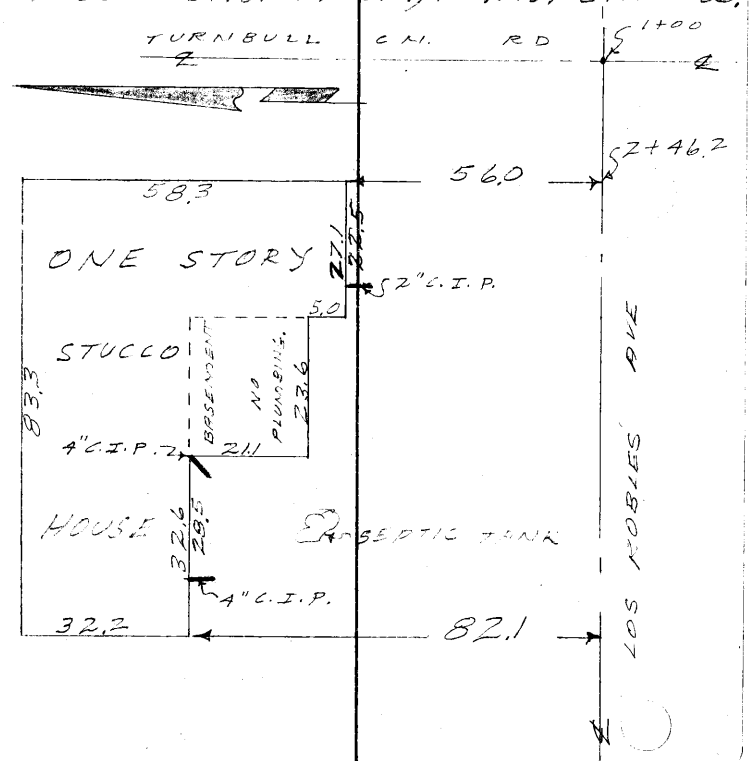
76-L298 CE 307 3-61

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.

STATION	B.S.	H.I.	F.S.	ELEV.	
B.M. A.Z. 408				379.84	B.M. A.Z. 408 EL.=379.837 FB. 2193-47 TURNBULL CN. RD. & LOS ROBLES AVE. N.E. COR. BT. SPK IN CB., 1' W. OF E. END CB.
2+68.7 (56.3 LT.)	TOP 2" C.I.P.			379.70	
2+96.9 (82.1 LT.)	TOP 4" C.I.P.			380.28	
3+25.4 (82.1 LT)	TOP 4" C.I.P.			380.81	
T. P.				386.01	



F.B. 2193 Pg. 136 Job No. 2167.34 Division No. 11 Notes Red Plotted Profile
Survey of TURNBULL CN. RD. Date Date No. X-Sec.
Survey by RICHARDS Notes W.A.R. Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

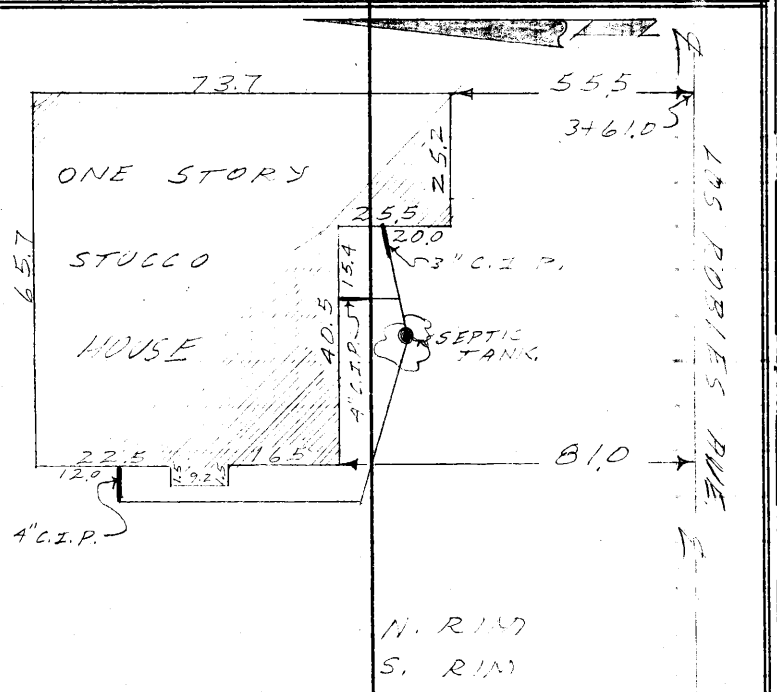
76-L298 CE 307 3-61

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.

STATION	B. S.	H. I.	F. S.	ELEV.
3+86.2 (75.5 LT.)	TOP 3" C.I.P.			381.49
4+01.6 (75.5 LT)	TOP 4" C.I.P.			382.72
4+26.7 (117.2 LT)	TOP 4" C.I.P.			380.92
S.S.M.H.	@ S. S. R/W.		@	386.30
S. SIDE OF	TURNBULL CN		RD.	386.28
INVERT EL.	8" OUTLET NORTH			378.73
INVERT EL.	8" INLET SOUTH			379.03



Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of TURNBULL CN. RD.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes E. OTT Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date FEB 26 '62
F. B. ____ PG. ____

76-L298 CE 307 3-61

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.

STATION	B.S.	H.I.	F.S.	ELEV.		
T. P.				388.14		
S. S. M. H. ON JANLU ST				393.96		NORTH RIM
SOUTH OF TURNBULL				393.96		SOUTH RIM
CN. RD.						
					NORTH.	
INVERT EL. 8" OUTLET NORTH				385.09	8.20 MEAS. 393.96 RIM	
					0.67 DIA. 8.87	
					8.87 385.09 INVERT	
					SOUTH	
INVERT EL. 8" INLET SOUTH				385.25	8.04 MEAS. 393.96 RIM	
					0.67 DIA. 8.71	
					8.71 385.25 INVERT	
B.M. A.Z. 416				388.85	B.M. A.Z. 416 EL. = 388.871 FB. 2193 51	
					LOS ROBLES AVE, N. SIDE, 551' W. OF ℄ OF	
					TURNBULL CN. RD. BT. SPK. IN HDWL. @	
					HO. # 15111	

F.B. 2193 Pg. 138 Job No. 216734 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of TURNBULL CN. RD. Date ___ Date ___ No. ___
Survey by RICHARDS Notes W.A.R. Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed H. E. OTT Date ___ Date ___ No. ___

PWFB 1430 686

Notes Ck'd by	Survey of Lang Ave & other R/W
Map No.	JN 2224.34 Tape 0161 Std 68 °F
Office Work	Surveyed by C.V. Crowe
Checked	Notes C.V.C. Date Aug. 62
Date	Indexed C. J. GALLI SEP 25 '62

F. B. [illegible] Pg. [illegible]

LANG AVE. and OTHER R/W - SEWERS

PRELIMINARY SURVEY

STREET & SURVEY

C.I. # 2224.34

August 1962

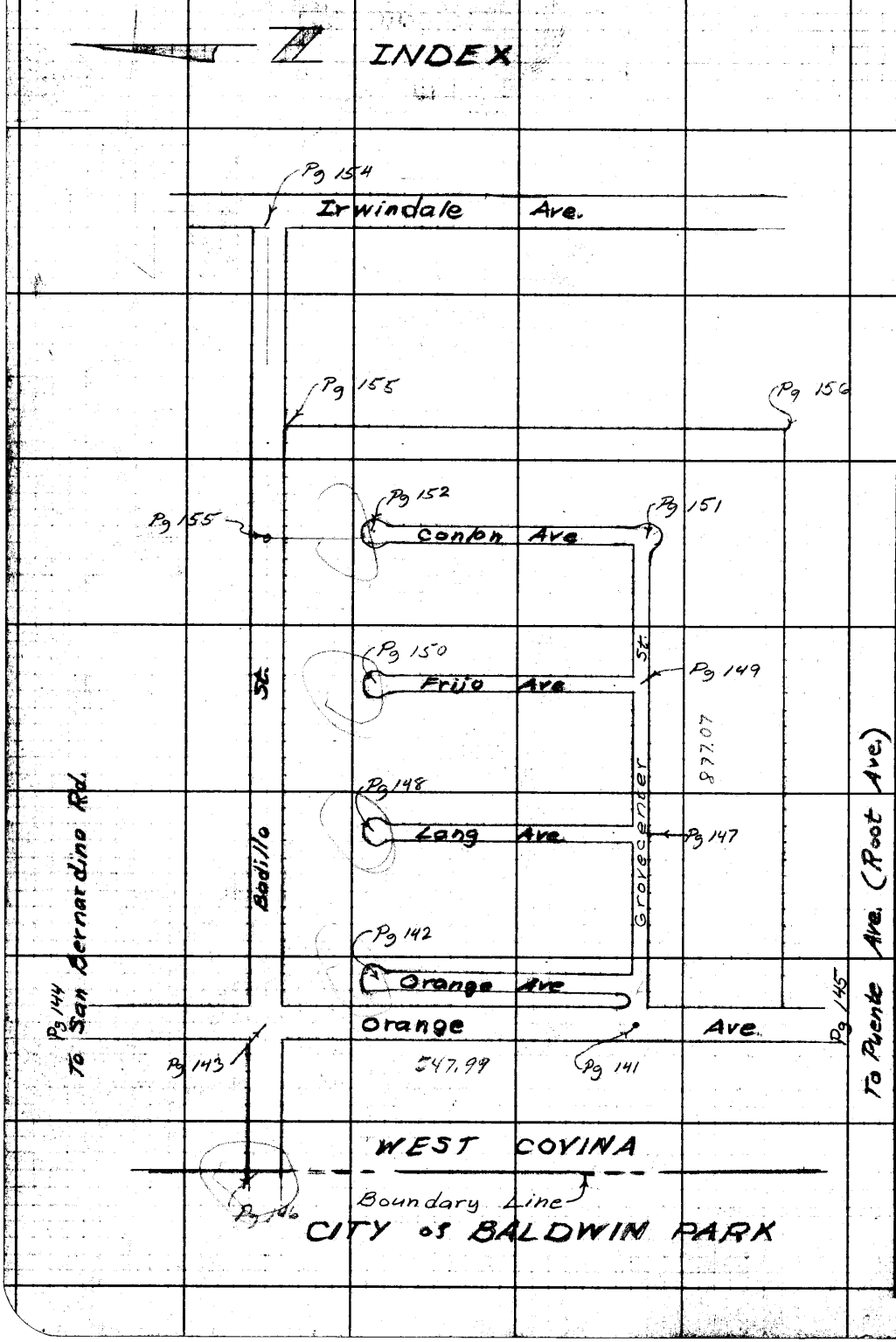
References	Party
C.S.B. 754-4	C.V. Crowe
F.B. 1065	A. Carrasco
F.B. 1815	J. Adams
F.B. 2505	M. Sonnenschein
M.B. 394-50	

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend notes this side of this line.
76F309S CE #247—3-57

PWFB 1430

687

F.B. ~~2193~~ Pg. ~~140~~



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

Do not extend notes this side of this line.

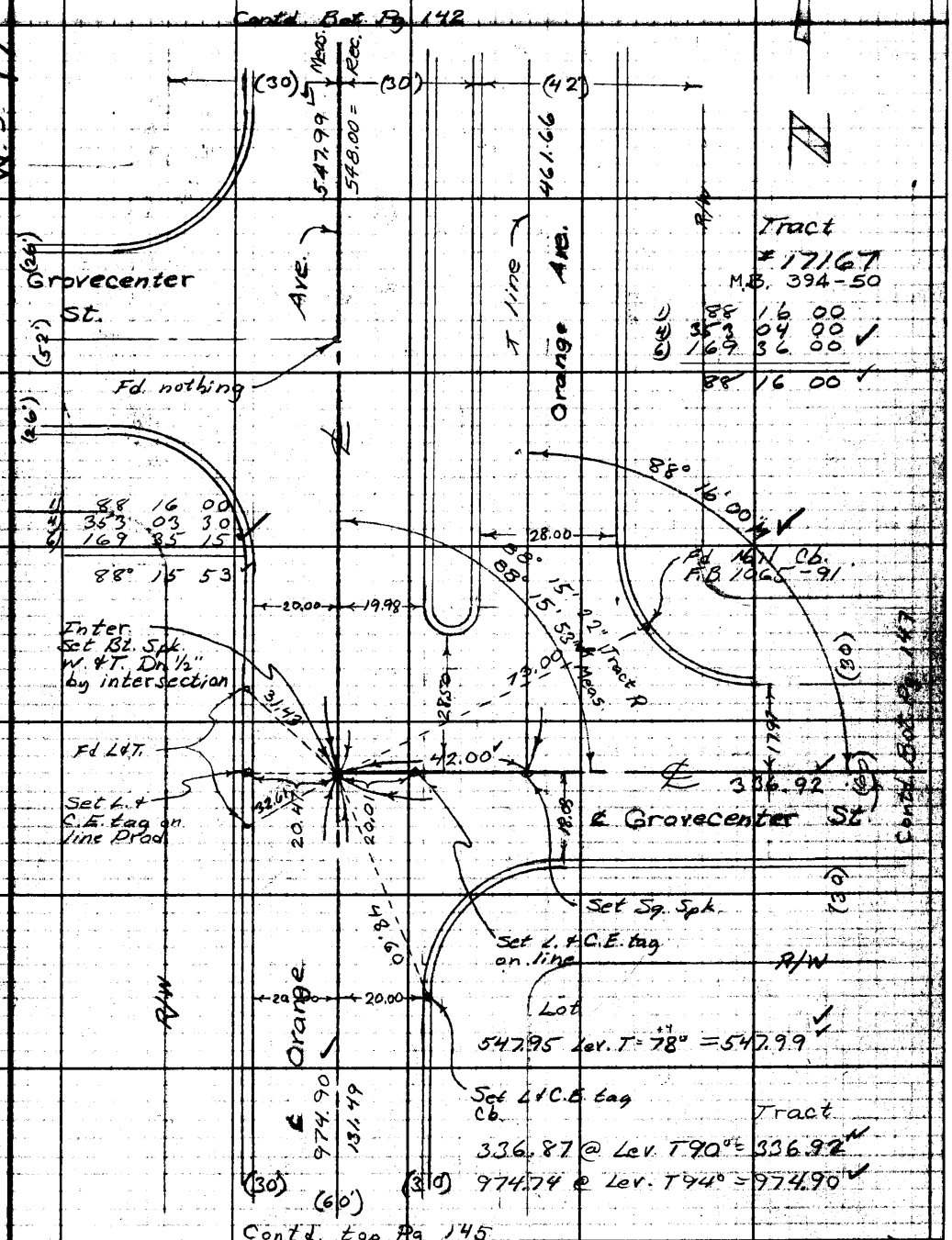
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1430 688

Notes Ck'd by H. E. AUSTIN	Survey of Long Ave & Other R/W
Map No.	JN 2224.34 Tape 0161 Std 68 °F
Office Work	Surveyed by C.V. Crowe
Checked	Notes C.V.C. Date 17 Aug 62
Date	Indexed C. J. GALLI

F. B. 2194 Pg. 77

W.S. 47 A-4



Looked for 2" I.P. next Pg.

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

Do not extend notes this side of this line.

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

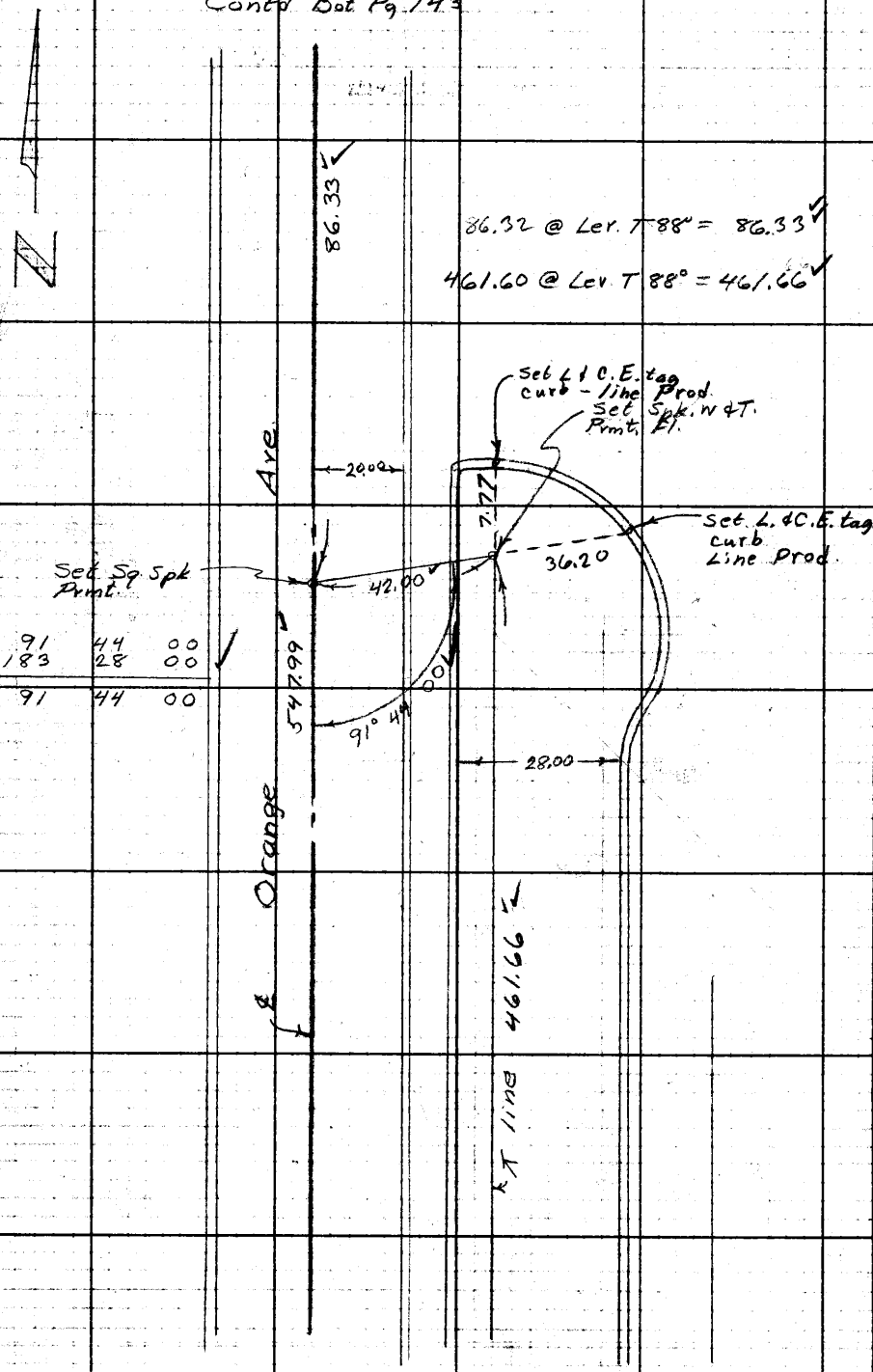
76F3095 CE #247-3-57

PWFB 1430

689

F.B. ~~2193~~ Pg. ~~42~~

Contd Bot Pg 143



1	91	44	00
2	183	28	00
	91	44	00

Contd. top Pg 141

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

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

PWFB 1430 690

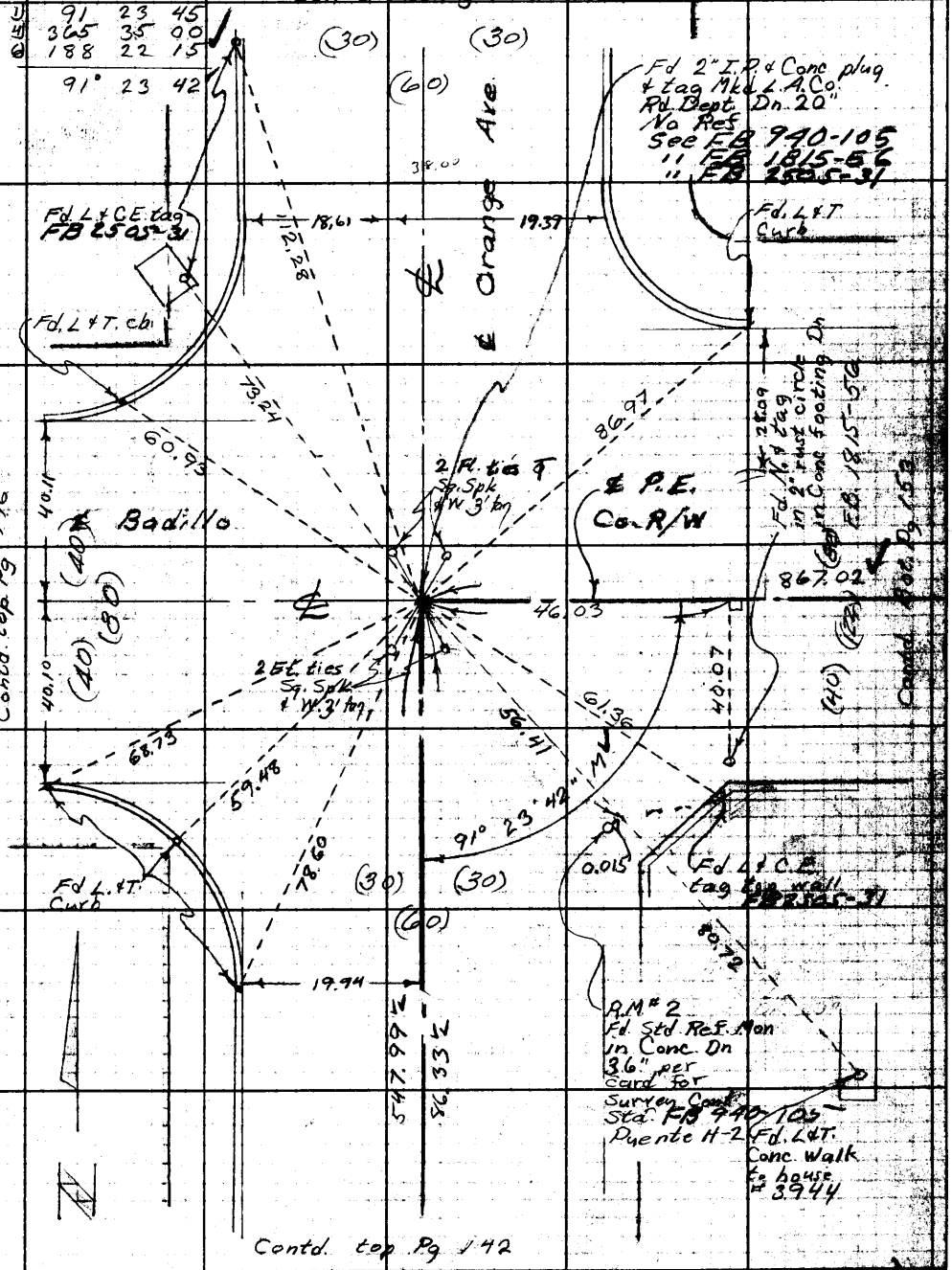
Notes Ck'd by H. E. AUSTIN	Survey of Long Ave. & Other R/W
Map No.	JN 2224.34 Tape 0161 Std 68 °F
Office Work	Surveyed by C.V. Crowe
Checked	Notes C V C Date Aug. 62
Date	Indexed C. J. GALLI

F. B. [redacted] Pg. [redacted]

WS 97 A-9

Contd. Bot. Pg. 144

1)	91	23	45
4)	365	35	00
6)	188	22	15
	91°	23	42



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

Do not extend notes this side of this line.

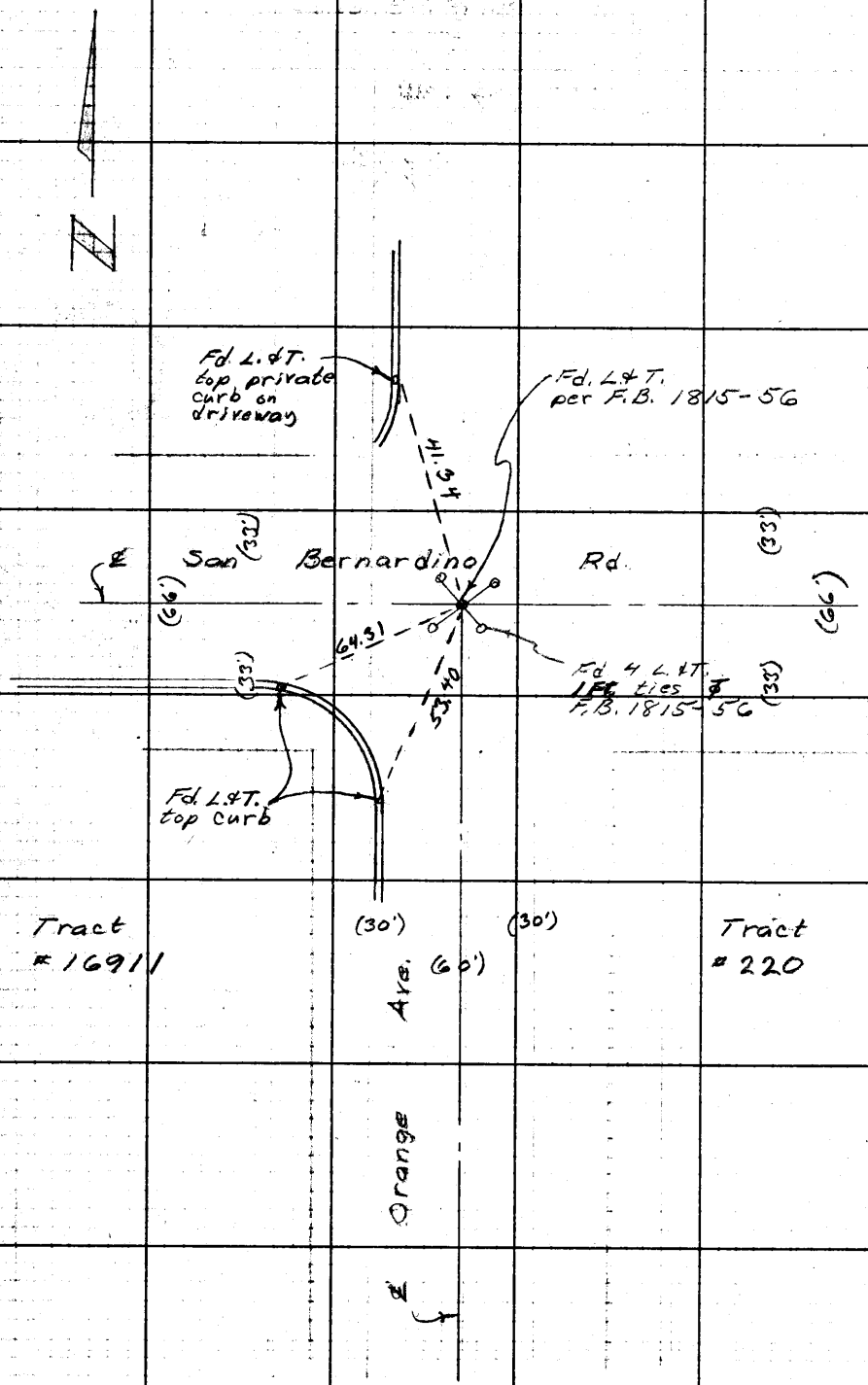
RETURN TO: LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

PWFB 1430

691

F.B. 2193 Pg. 144

WS 97 A-4



Contd. top Pg. 143

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

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

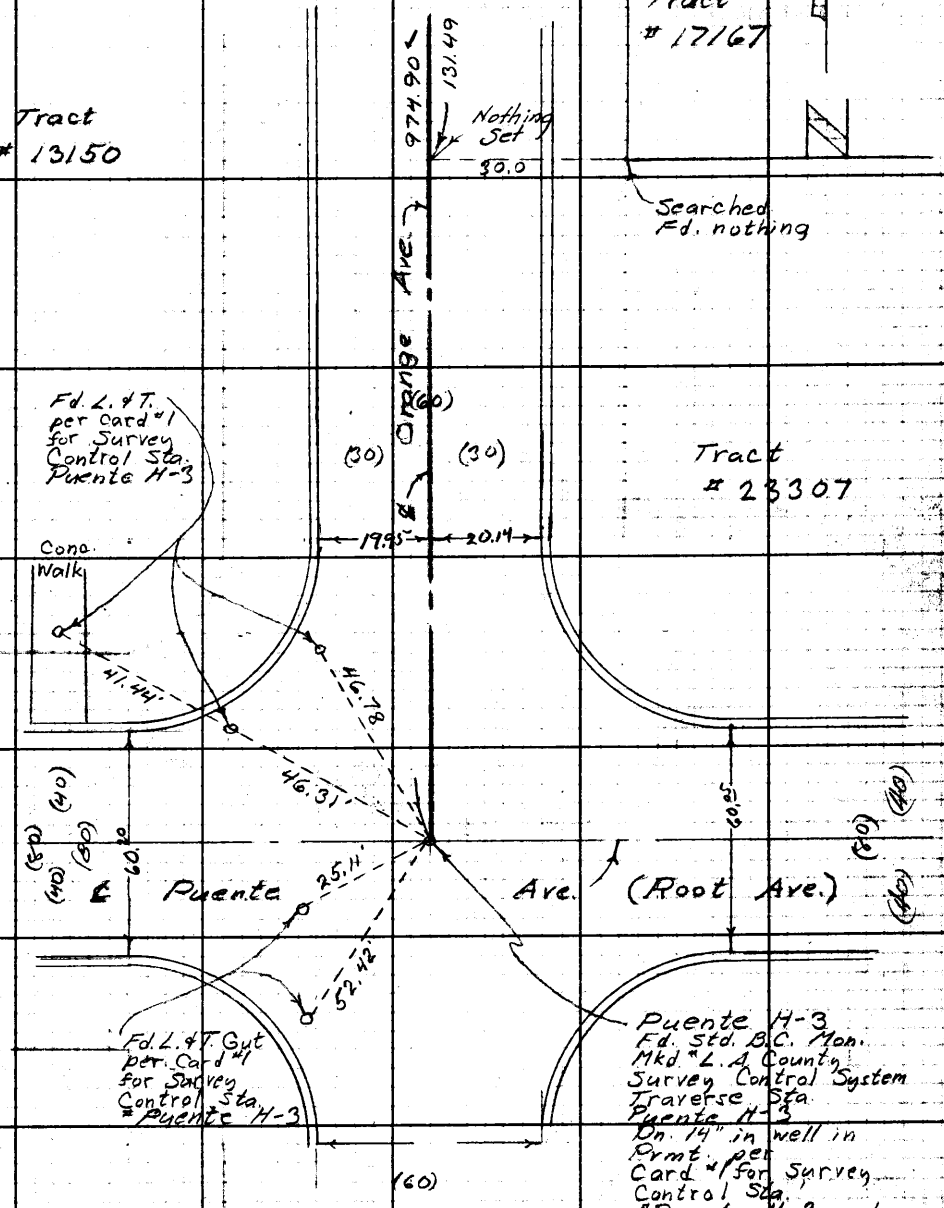
Do not extend notes this side of this line.

PWFB 1430 692

Notes Ck'd by H. E. AUSTIN	Survey of Long Ave & Other R/W
Map No.	JN2224, 34 Tape 0161 Std 68 °F
Office Work	Surveyed by C.V. Crowe
Checked	Notes CVC Date Aug. 62
Date	Indexed C. J. GALLI

F. B. [illegible] Pg. [illegible]

Contd Bot. Pg. 141



WS 47 A-4

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

Do not extend notes this side of this line.

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

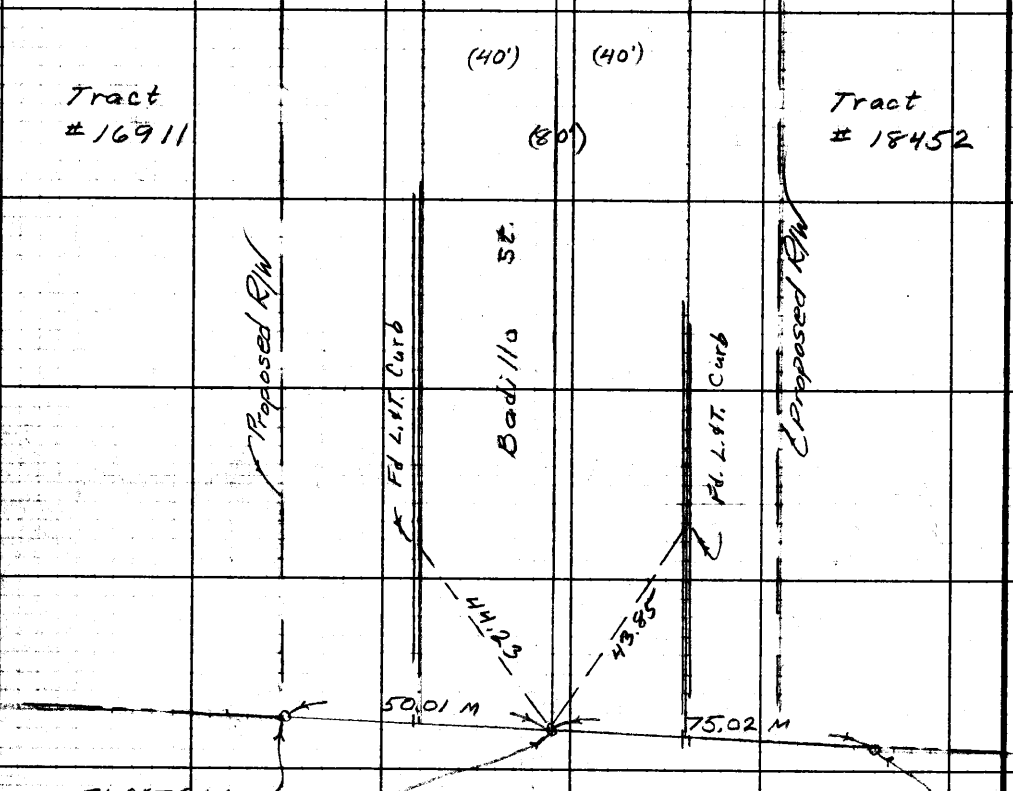
76F309S CE #247—3-57

PWFB 1430

693

F.B. [redacted] Pg. [redacted]

Contd. Rt. Pg 143



50.00 @ Lev. T 86" = 50.01

75.01 @ Lev. T 86" = 75.02

COUNTY SURVEYOR RE 63

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

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

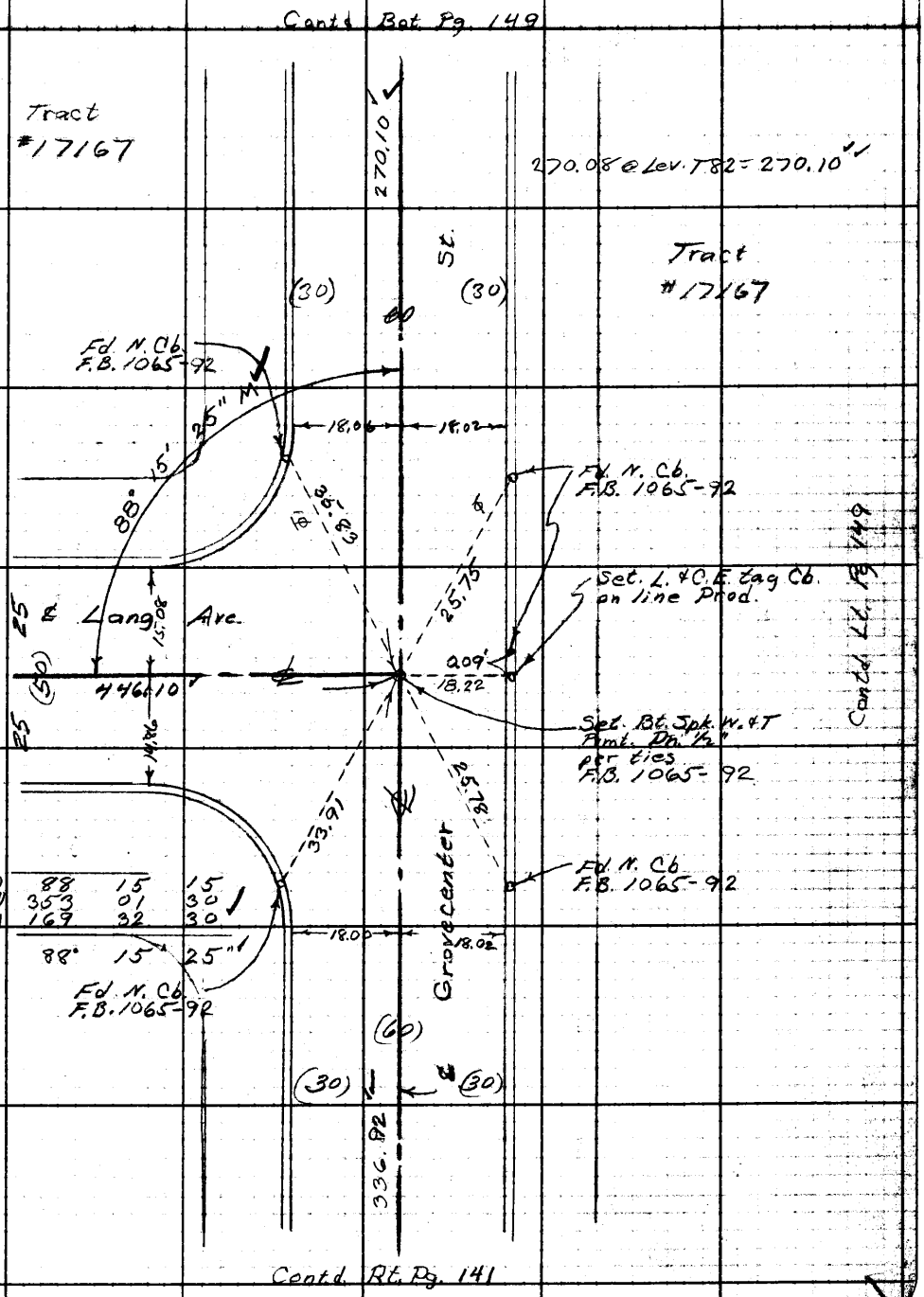
PWFB 1430

694

Notes Ck'd by H. E. AUSTIN	Survey of Lang Ave. & Other R/W
Map No.	JN 2224.34 Tape 0161 Std. °F
Office Work	Surveyed by C. Y. Crowe
Checked	Notes C V C Date 22 Aug. 62
Date	Indexed C. J. GALLI

F. B. [redacted] Pg. [redacted]

WS97 A-9



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

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

PWFB 1430

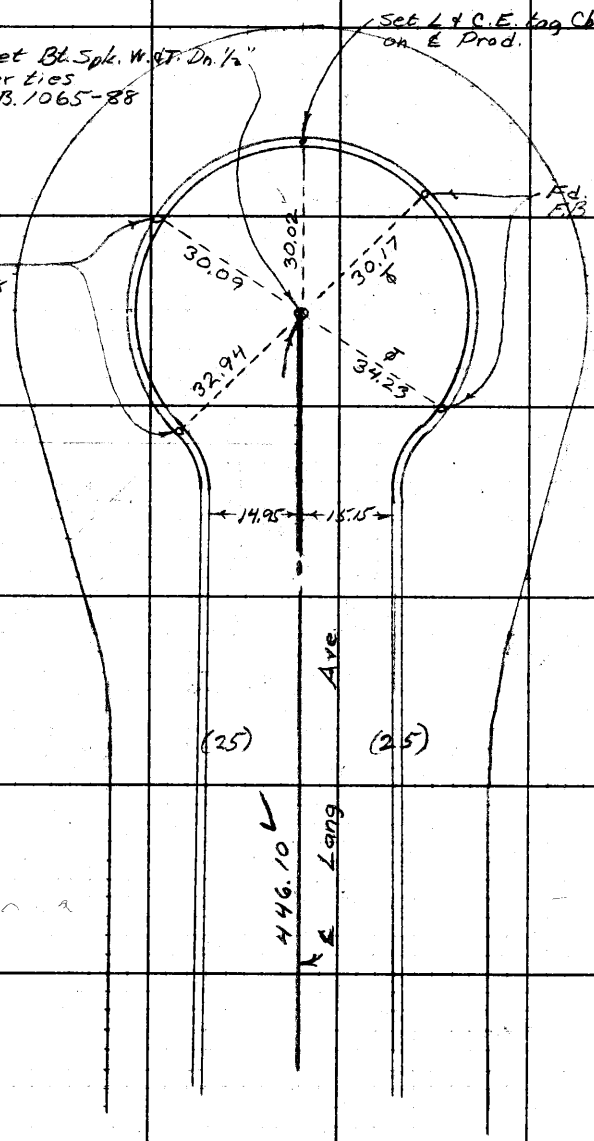
695

F. B. ~~[illegible]~~ Pg. ~~[illegible]~~

WS 47, A-4

446.07 @ Lev. T 78° = 446.10

Tract
#17167



Contd. top Pg. 147

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

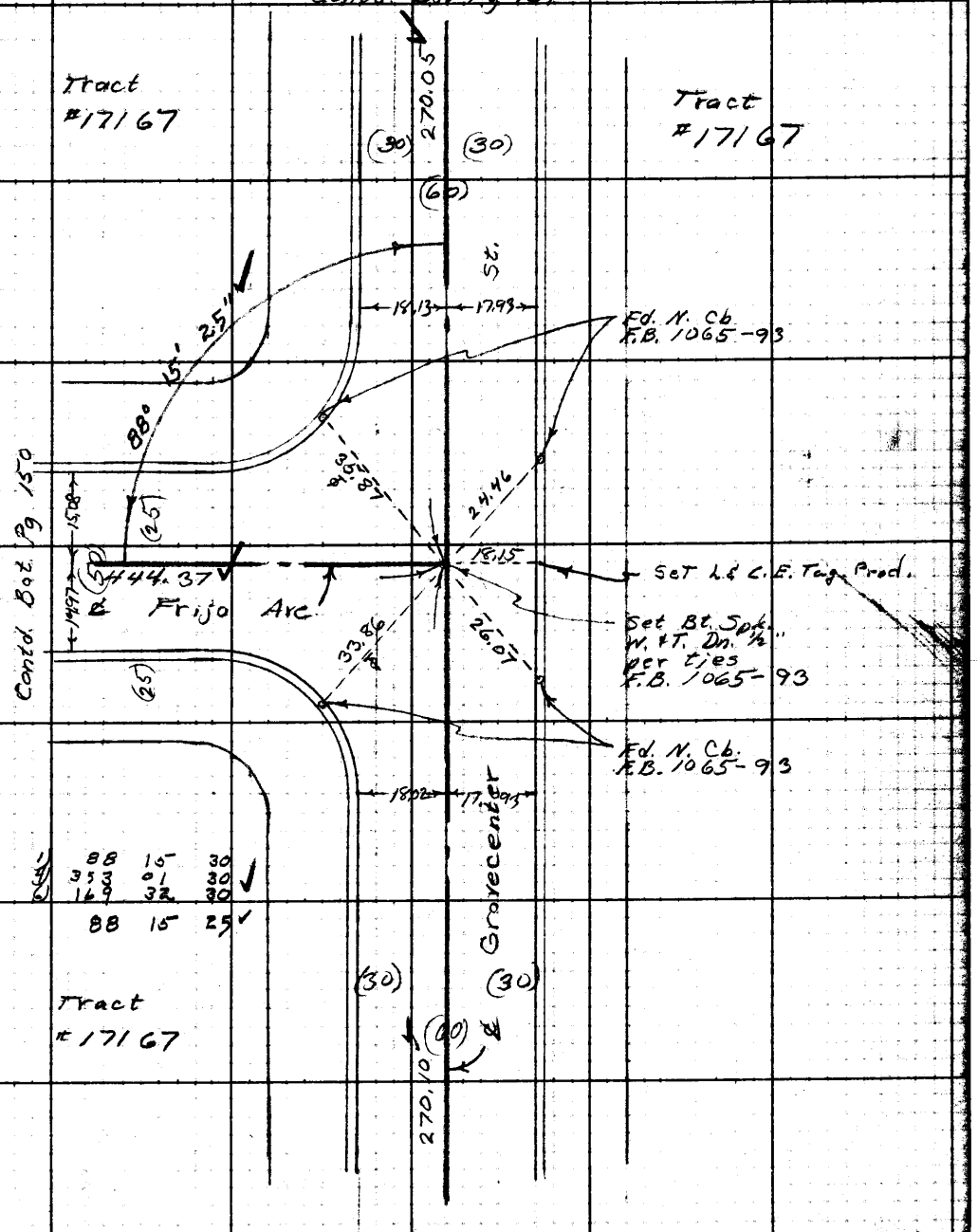
PWFB 1430

696

Notes Ck'd by H. E. AUSTIN	Survey of Long Ave. & Other R/W
Map No.	JN 2224.34 Tape 0161 Std 68 °F
Office Work	Surveyed by C. V. Crowe
Checked	Notes C.V.C. Date 22 Aug. 62
Date	Indexed C. J. GALLI

F. B. [illegible] Pg. [illegible]

WS 97 A-9



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

Do not extend notes this side of this line.

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

763098 CE #247—7-53

PWFB 1430

F. B. [redacted] Pg. [redacted]

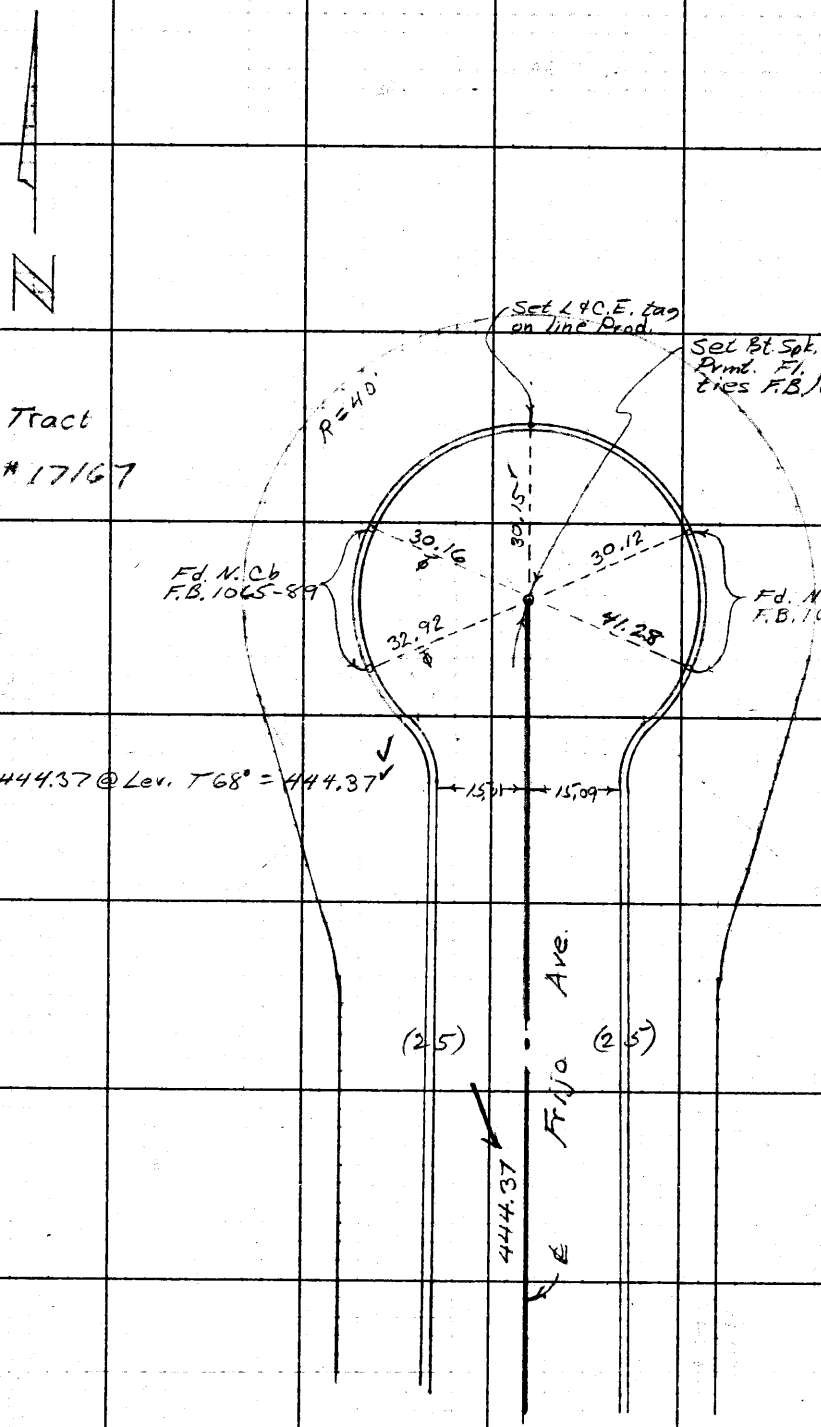
697

WS47A-

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

Do not extend notes this side of this line.

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

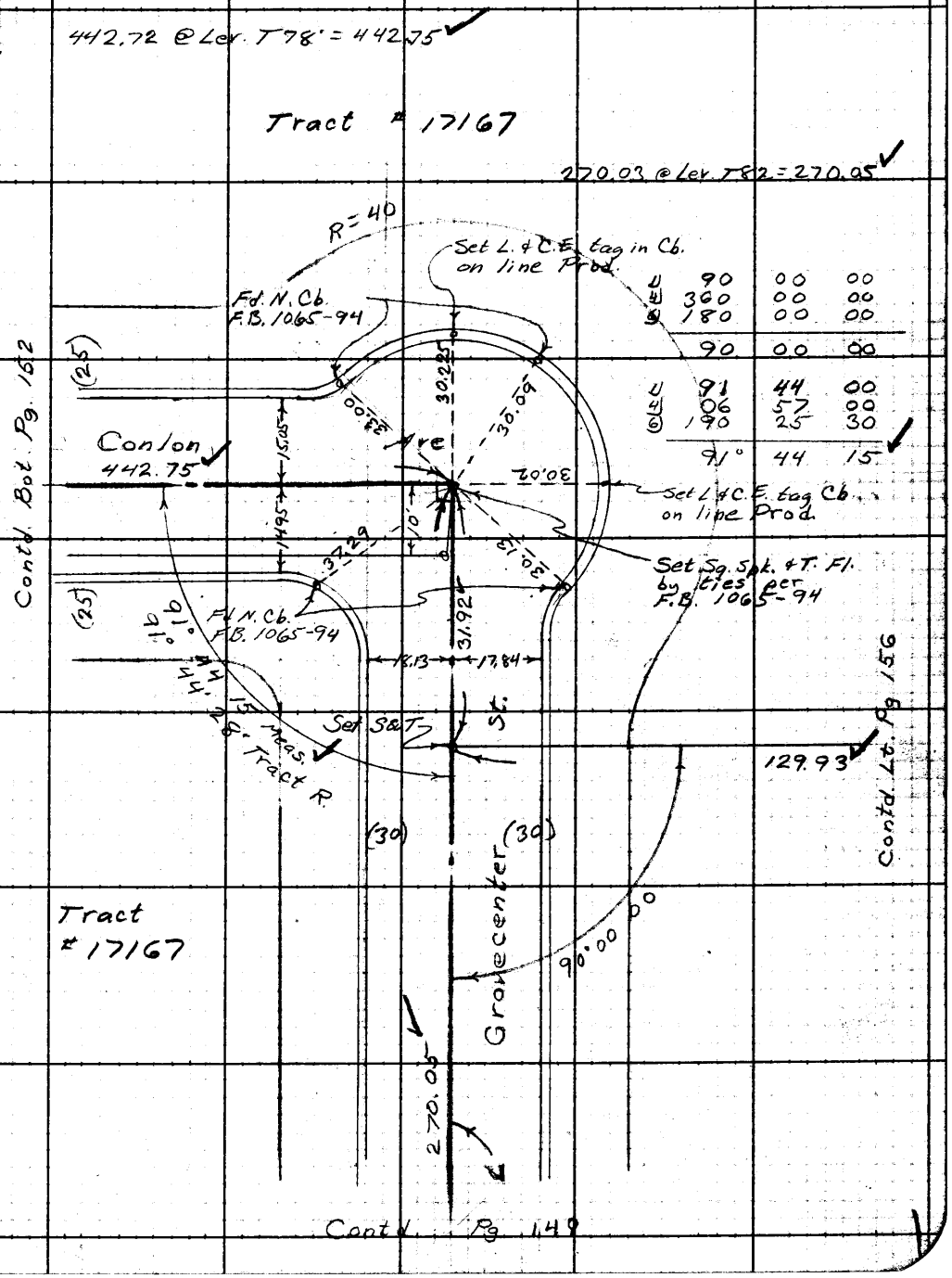


PWFB 1430 698

Notes Ck'd by H. E. AUSTIN	Survey of Long Ave & Other R/W
Map No.	JN 2224.34 Tape 0161 Std 66 °F
Office Work	Surveyed by C. V. Crowe
Checked	Notes C.V.C. Date Aug. 62
Date	Indexed C. J. GALLI

F. B. [illegible] Pg. [illegible]

WS 47 B-9



1	90	00	00
4	360	00	00
6	180	00	00
	90	00	00
1	91	44	00
4	06	57	00
6	190	25	30
	91°	44	15

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

Do not extend notes this side of this line.

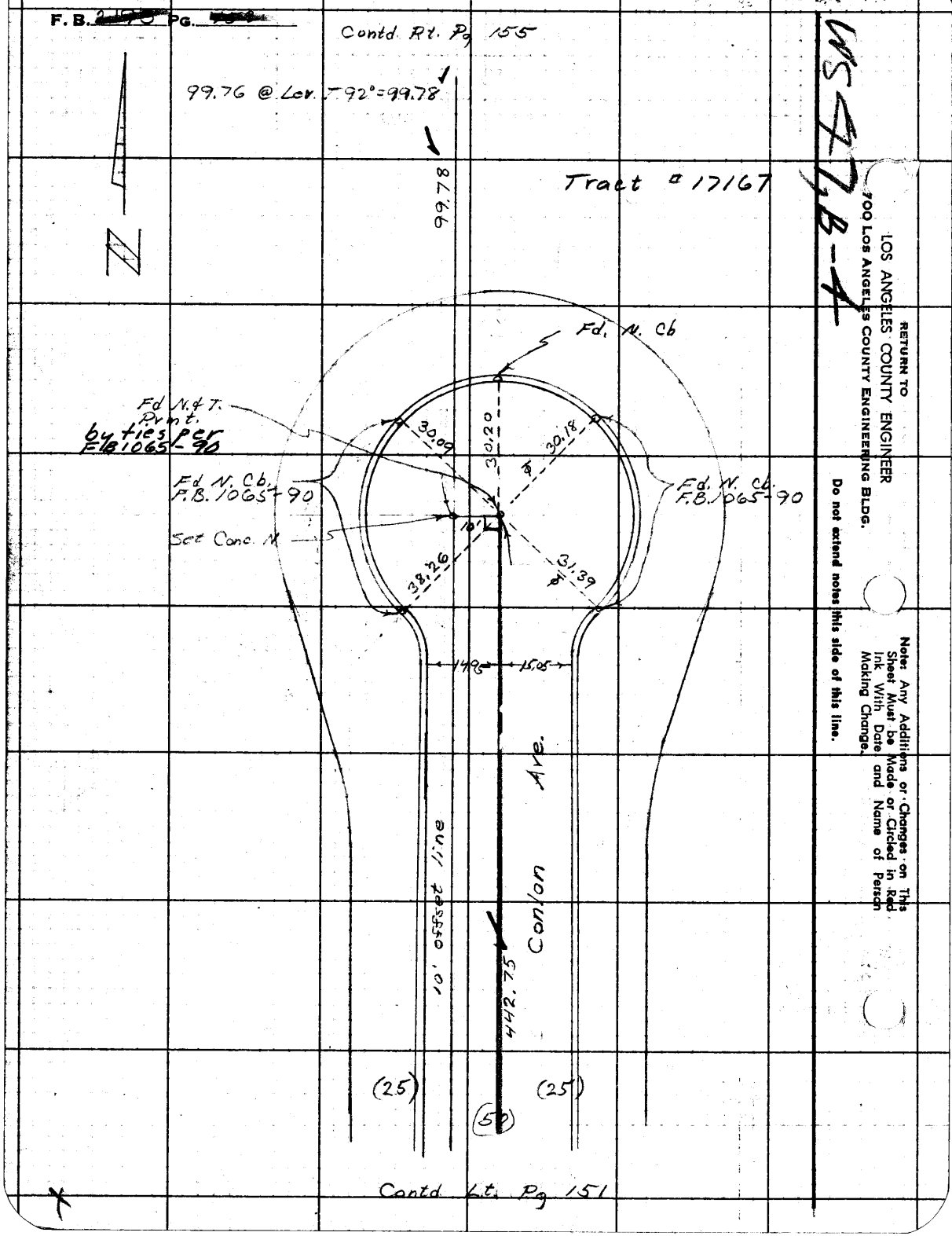
RETURN TO LOS ANGELES COUNTY ENGINEER 100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

PWFB 1430

699

F.B. [redacted] PG. [redacted]



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

Do not extend notes this side of this line.

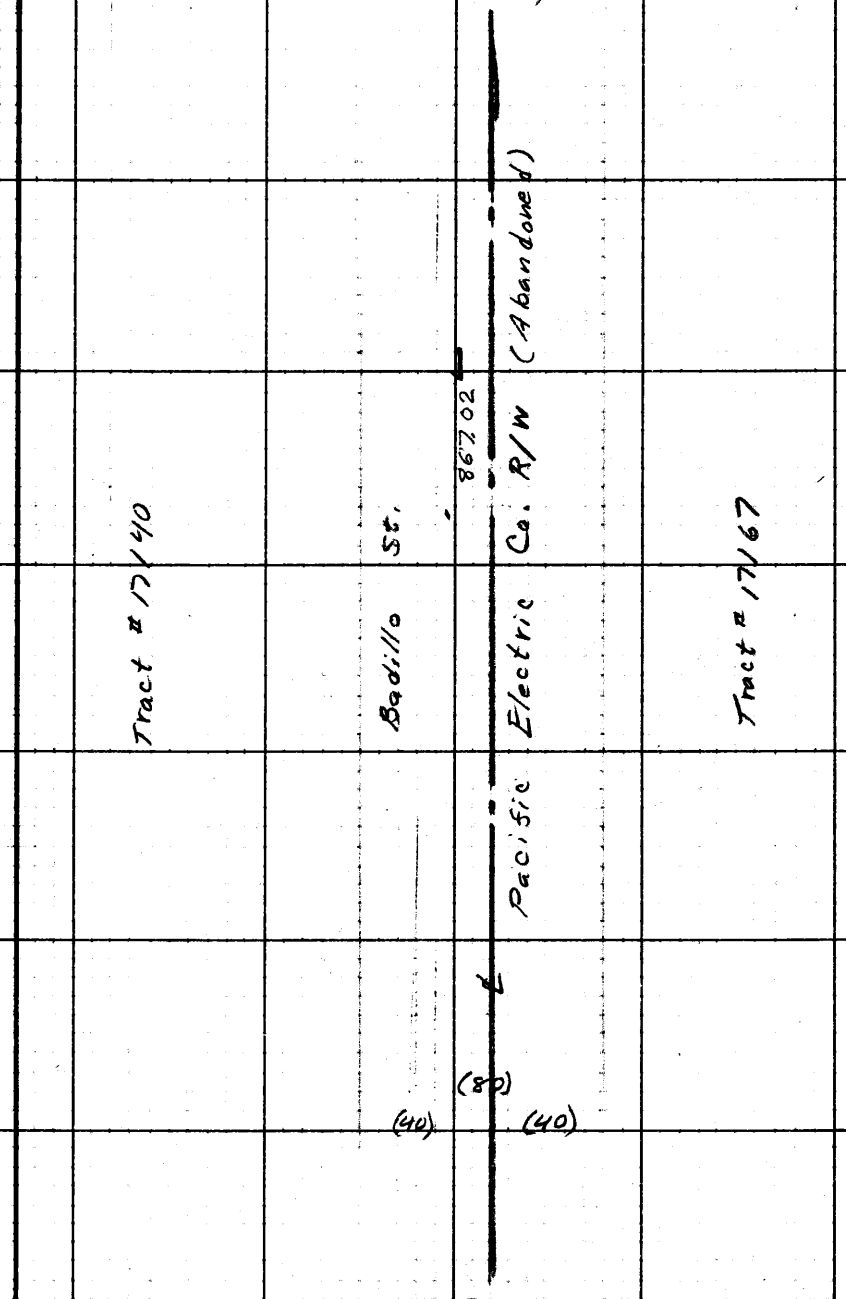
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1430

Notes Ck'd by H. E. AUSTIN	Survey of Long Ave & Other R/W
Map No.	JN 2224.34 Tape 0161 Std. GS
Office Work	Surveyed by C.V. Crowe
Checked	Notes C.V.C. Date Aug 62
Date	Indexed C. J. GALLI

F. B. [redacted] PG. [redacted]

Contd Bot Pg 155



Contd Rt Pg 143

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

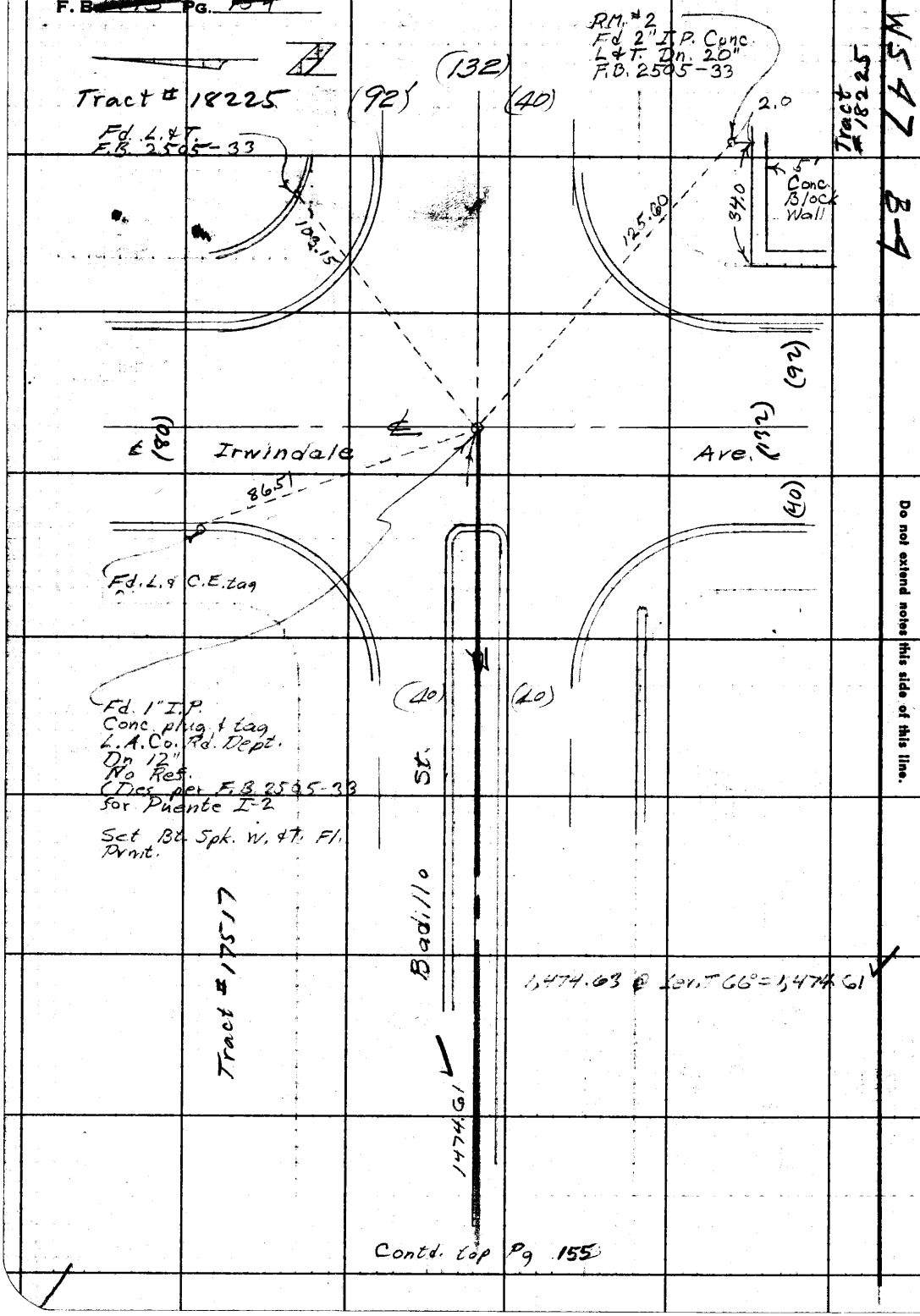
Do not extend notes this side of this line.

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

763095 CE #247—7-53

PWFB 1430 701

F. B. [illegible] PG. [illegible]



Contd. top Pg 155

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

Do not extend notes this side of this line.

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

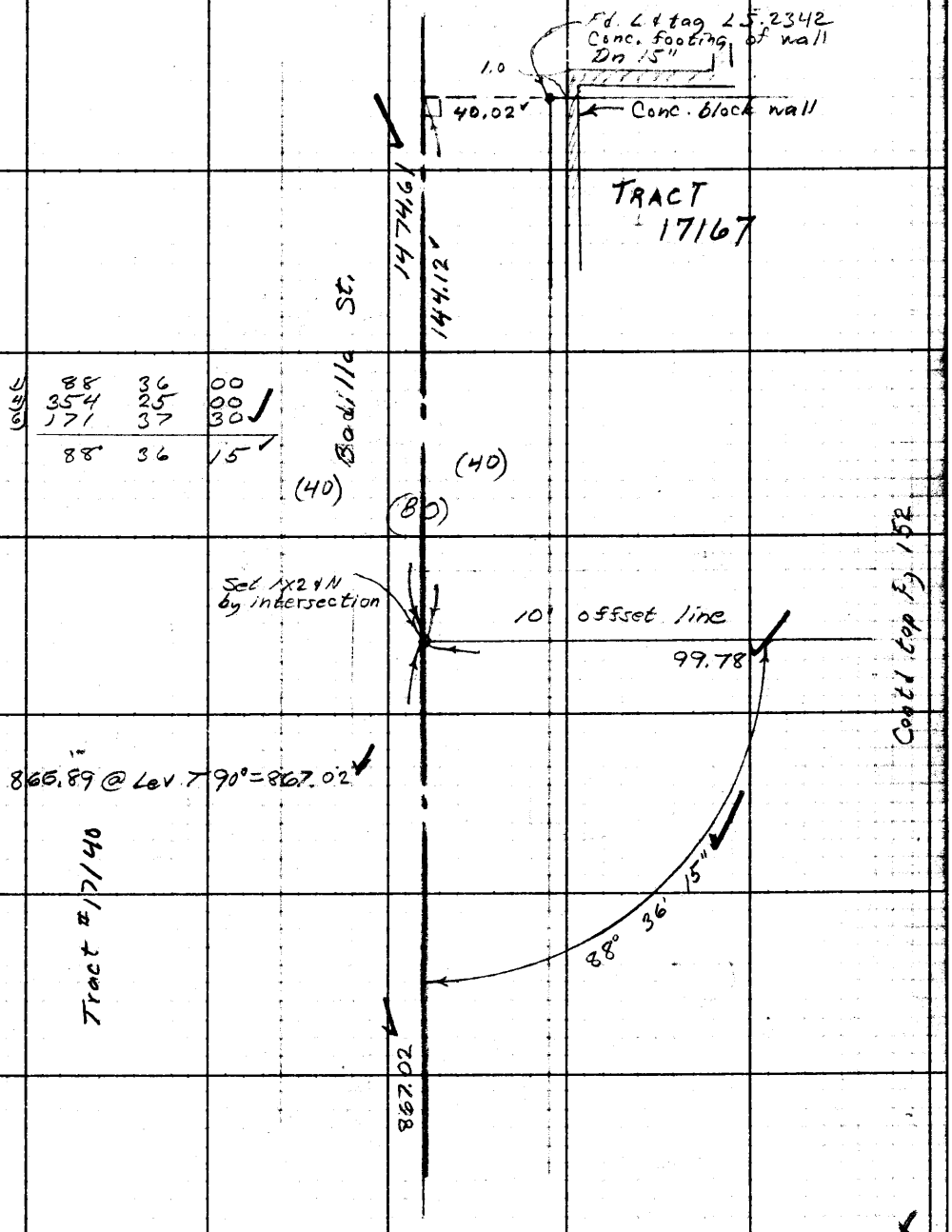
PWFB # 1430

702

Notes Ck'd by H. E. AUSTIN	Survey of Long Ave & Other R/W
Map No.	JN 2224.34 Tape 0161 Std 68 °F
Office Work	Surveyed by C. V. Crowe
Checked	Notes CVC Date Aug 62
Date	Indexed E. J. GALLI

F. B. [redacted] Pg. [redacted]

Cont'd Bot Pg 154



1)	88	36	00
4)	354	25	00
6)	171	37	30
	88	36	15

Cont'd top Pg 152

Cont'd top Pg 153

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

Do not extend notes this side of this line.

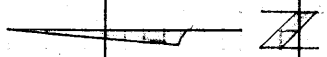
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

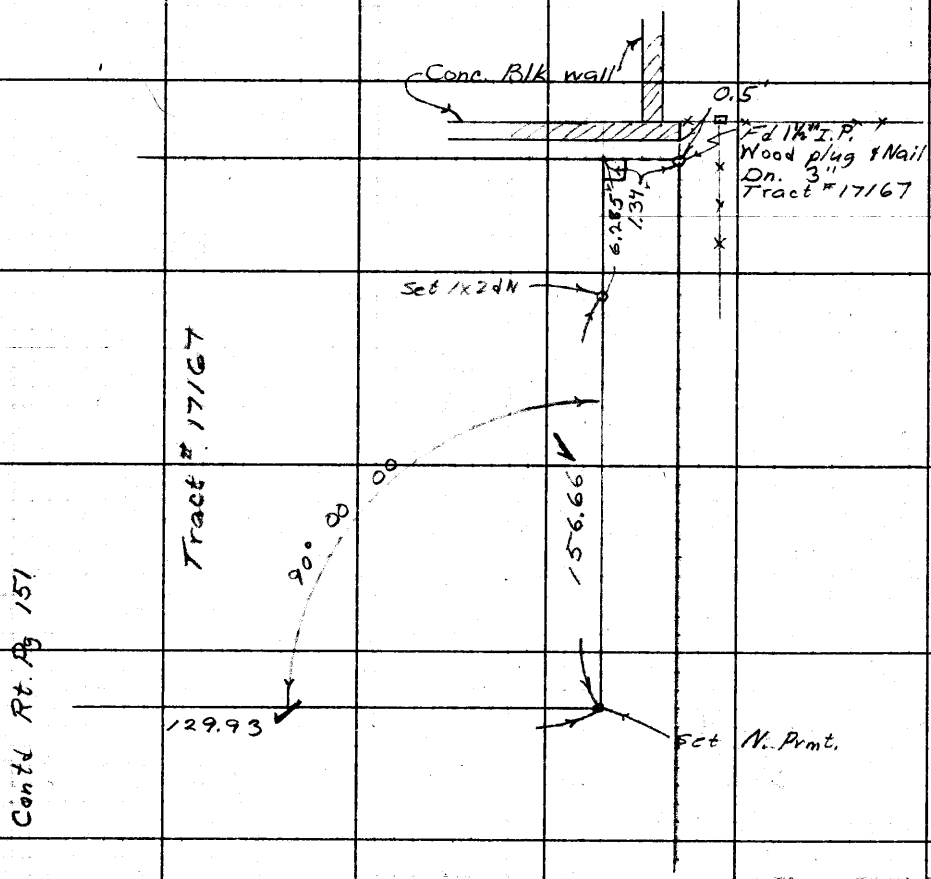
763098 CE #247—7-53

PWFB 1430

F.B. ~~2193~~ PG. ~~156~~

703





1)	90	00	00
4)	360	00	00
6)	180	00	00

129.93 @ Lev T70 = 129.93 ✓

156.64 @ Lev T88 = 156.66 ✓

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

Do not extend notes this side of this line.

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

F. B. 2193 PG. 157

NOTES RED _____ JOB NO. 2224.34 SURVEY OF Lang Ave. & Other R/W
DATE _____ SURVEY BY C. V. Crowe
NOTES CHKD Miller NOTES BY C V C DATE 14 Aug. 1962
DATE Sept. 1962 INDEXED C. J. GALLI DATE SEP 2 5 '62

DESCRIPTION

LANG AVE. and OTHER R/W-SEWERS

C.I # 2224.34

August 1962

Bench levels for sewer preliminary on Grovecenter St. from Orange Ave. to Conlon Ave., and on Colon Ave., Frijo Ave., Lang Ave., and Orange Ave.

ADJ. ELEV.

3RD RUN

Reference: F.B 2537

Party: C.V. Crowe, A. Carrasco, J. Adams, M. Sonnenschein

2ND RUN

DIFF.

1ST RUN

B.M.

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

Do not extend notes this side of this line

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

765420 S & E-353 4-54

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Fd)						
B.M. SD-103	405.504				405.504	B.M. SD-103 Elev. 405.504, F.B. 2537-7
+	4.353		4.298			Badillo St. & Foxdale Ave., N.W. Cor.,
Σ	409.857	-1.247	-1.249	-1.248		Bt. Spk. in curb 50 Ft. W. of W. end C.R.
−	5.600		5.547			
T.P.	404.257					Sq. Spk. Pvmt.
+	5.735		5.683			
Σ	409.992	-0.384	-0.385	-.384		
(Fd.) −	6.119		6.068			
B.M. SD-102	403.873				403.872	B.M. SD-102, Elev. 403.869, F.B. 2537-7
+	5.908		5.841			Badillo St. & Nora Ave., N.W. Cor.,
Σ	409.781	-0.396	-0.395	-.396		Bt. Spk. in curb 50 Ft. W. of W. end C.R.
(set) −	6.304		6.236			
B.M. HV-156	403.477				403.476	B.M. HV-156 Elev. F.B.
+	4.729		4.690			Conlon Ave., 420 Ft.± N. of
Σ	408.206	-1.783	-1.783	-1.783		Grovecenter St., P.K. Spk. in curb 10 Ft.
−	6.512		6.473			E. of Prod. of ℄ Conlon Ave.
T.P.	401.694					Bt. Spk. Pvmt.
+	5.241		5.153			
Σ	406.935	-0.971	-0.974	-.972		
−	6.212		6.127			
TP	400.723					Sq. Spk. Pvmt.
+	4.804		4.761			
Σ	405.527	-0.171	-0.171	-.171		
(set) −	4.975		4.932			
B.M. HV-157	400.552				400.550	B.M. HV-157 Elev. F.B.
						Grovecenter St. & Conlon Ave., S.E.
						of intersection, P.K. Spk. in curb
						4.8'± E. of Prod. of ℄ Conlon Ave.

JOB NO. 2224.34 SURVEY OF Lang Ave & other R/W NOTES RED.
SURVEY BY C.V. Crowe DATE
NOTES BY C.V.C. DATE 14 Aug. 1962 NOTES CHKD.
INDEXED C. J. GALL DATE DATE

F.B. 2193 PG. 158

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
BM HV-157	400.552 ✓				400.550	
+	4.031		4.006			
π	404.583 ✓	-1.171	-1.171	-1.171		
(Set) −	5.202		5.177			
B.M. HV-158	399.381 ✓				399.379	B.M. HV-158 Elev. F.B.
+	4.820		4.731			Grovecenter St. & Frijo Ave.,
π	404.201 ✓	+0.039	+0.040	+.039		N.E. Cor., PK Spk. in curb, 5 Ft. E. of E end CR
−	4.781		4.691			
TP	399.420 ✓					Bt. Spk. in Pvmt., front house # 3908
+	6.200		6.117			
π	405.620 ✓	+0.893	+0.895	+.893		
−	5.307		5.222			
TP	400.313 ✓					Sq. Spk Pvmt., front house # 3932
+	6.314		6.157			
π	406.627 ✓	+1.047	+1.044	+1.045		
(Set) −	5.267		5.113			
BM HV-159	401.360 ✓				401.356	BM HV-159 Elev. F.B.
+	6.682		6.233			Frijo Ave., 420'± N. of Grovecenter
π	408.042 ✓	+1.647	+1.645	+1.646		St., PK Spk. in curb 10 Ft. E of Prod. of
−	5.035		4.588			& Frijo Ave.
BM SD-143	403.007 ✓				403.002	BM SD-143 Elev. 402.999 F.B. 2537-7
+	4.994		4.880			Badillo St. & Conlon Ave., N.W. Cor.,
π	408.001 ✓	-1.038	-1.038	-1.038		Bt. Spk. in curb 5 Ft. W. of W. end C.R.
−	6.032		5.918			
TP	401.969 ✓					Bt. Spk Pvmt.

NOTES RED ____ JOB NO. 2224.34 SURVEY OF Long Ave. & Other R/W
DATE ____ SURVEY BY C.V. Crowe
NOTES CHKD. Miller NOTES BY CVC DATE 14 Aug. 1962
DATE Sept. 1962 INDEXED B. J. GALLI DATE ____

F.B. 2193 PG. 159

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 2224.34 SURVEY OF Lang Ave. & Other R/W NOTES RED
SURVEY BY C.V.C. DATE
NOTES BY C.V.C. DATE 14 Aug. 1962 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2193 Pg. 160

4

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	401.969					
+	5.565		5.482			
↑	407.534	+ 0.022	- 0.022	-.022		
(Fd) −	5.587		5.504			
BM SD-144	401.947				401.942	BM SD-144 Elev. 401.939 F.B. 2537-7
+	5.045		4.977			Badillo St. & Frijo Ave., N.W. Cor.,
↑	406.992	+ 0.818	- 0.819	-.819		Bt. Spk in curb 6 Ft. W. of W. end C.R.
−	5.863		5.796			
TP	401.129					Keel Mk on rock
+	4.146		4.069			
↑	405.275	+ 1.482	- 1.481	-1.482		
(Set) −	5.628		5.550			
BM HV-160	399.647				399.641	BM HV-160 Elev. F.B.
+	5.923		5.697			Lang Ave., 420 Ft. ± N. of Grovecenter St.,
↑	405.570	+ 0.785	- 0.788	-.786		PK Spk. in curb 10 Ft. E. of Prod. of ℄
−	6.708		6.485			Lang Ave. front of house # 3945
TP	398.862					Nail in curb front house # 3927
+	4.140		4.091			
↑	403.002	+ 1.027	- 1.025	-1.026		
(Set) −	5.167		5.116			
BM HV-161	397.835				397.829	BM HV-161 Elev. F.B.
+	4.270		4.237			Grovecenter St. & Lang Ave., N.E. Cor.,
↑	402.105	+ 1.300	- 1.300	-1.300		PK Spk. in curb 5 Ft. E. of E. end C.R.
−	5.570		5.537			
TP	396.535					Bt. Spk Print in front house # 15612
+	4.982		4.947			
↑	401.517	+ 0.029	+ 0.032	+.031		
(Set) −	4.953		4.915			
BM HV-162	396.564				396.557	BM HV-162 Elev. F.B.
						Grovecenter St. & Orange Ave. frontage Rd.,
						N.E. Cor., PK Spk. in curb 5 Ft. E. of E end C.R.

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM HV-162	396.564 ✓				396.557	
+	4.838		4.797			
↗	401.402 ✓	+0.950	+0.954	+.950		
−	3.888		3.843			
TP	397.514 ✓					St. Spk. Prmt. front of house # 391.
+	4.500		4.463			
↗	402.014 ✓	+0.628	+0.628	+.628		
(Fd) −	3.872		3.835			
	398.142 ✓					N. of L curb front of house #391 [illegible]
+	4.694		4.661			
↗	402.836 ✓	+0.273	+0.272	+.272		
(Set) −	4.421		4.389			
BM HV-163	398.415 ✓				398.407	B.M. HV-163 Set F.B.
+	5.672		5.608			Orange [illegible] frontage Rd. [illegible]
↗	404.087 ✓	+1.532	+1.532	+1.532		at Grovedale St., PK Spk. in curb
−	4.140		4.076			on Prod. of curb on E. side
TP	399.947 ✓					Orange [illegible] frontage Rd.
+	5.519		5.481			St. Spk. Prmt.
↗	405.466 ✓	+0.879	+0.880	+.879		
−	4.640		4.601			
TP	400.826 ✓					St. Spk. Prmt.
+	5.517		5.478			
↗	406.343 ✓	+1.121	+1.121	+1.121		
−	4.396		4.357			
BM SD-144	401.947 ✓				401.939	BM SD-144 Elev. 401.939 F.B. 25[illegible]
						Badillo St. & Frijo Ave., N.W. Cor.,
						St. Spk. in curb 6 ft. W. of [illegible]

NOTES RED. _____ JOB NO. 222-454 SURVEY OF Long Ave & Frijo Ave
DATE _____ SURVEY BY C.K. Crowe
NOTES CHKD. Miller NOTES BY _____ DATE 15 Aug 1962
DATE Sept 1962 INDEXED E. J. GALL DATE _____

F.B. 2[illegible] PG. 161

F. B. 2193 Pg. 162

JOB NO. _____ SURVEY OF _____ NOTES RED. _____
SURVEY BY _____ DATE _____
NOTES BY _____ DATE _____ NOTES CHKD. _____
INDEXED _____ DATE _____ DATE _____

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

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765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of Lang Ave S.S. Dist.	F. B. 2193 Pg. 163
Map No.	JN C.I. 2224.34 Tape Std °F	
Office Work	Surveyed by Crowe	
Checked	Notes Newman Date 8-23-62	
Date	Indexed C. J. GALLI SEP 25 '62	

C.I. 2224.34

LANG. AVE & OTHER R/W.

LOCATION of IMPROVEMENTS along

Grovecenter ST.

From. Orange Ave.
To. Conlon Ave.

8-23-62

Reference
For ℄ notes see Pg 141, 147, 149, 151

Crowe
Newman
Adams
Spriggs

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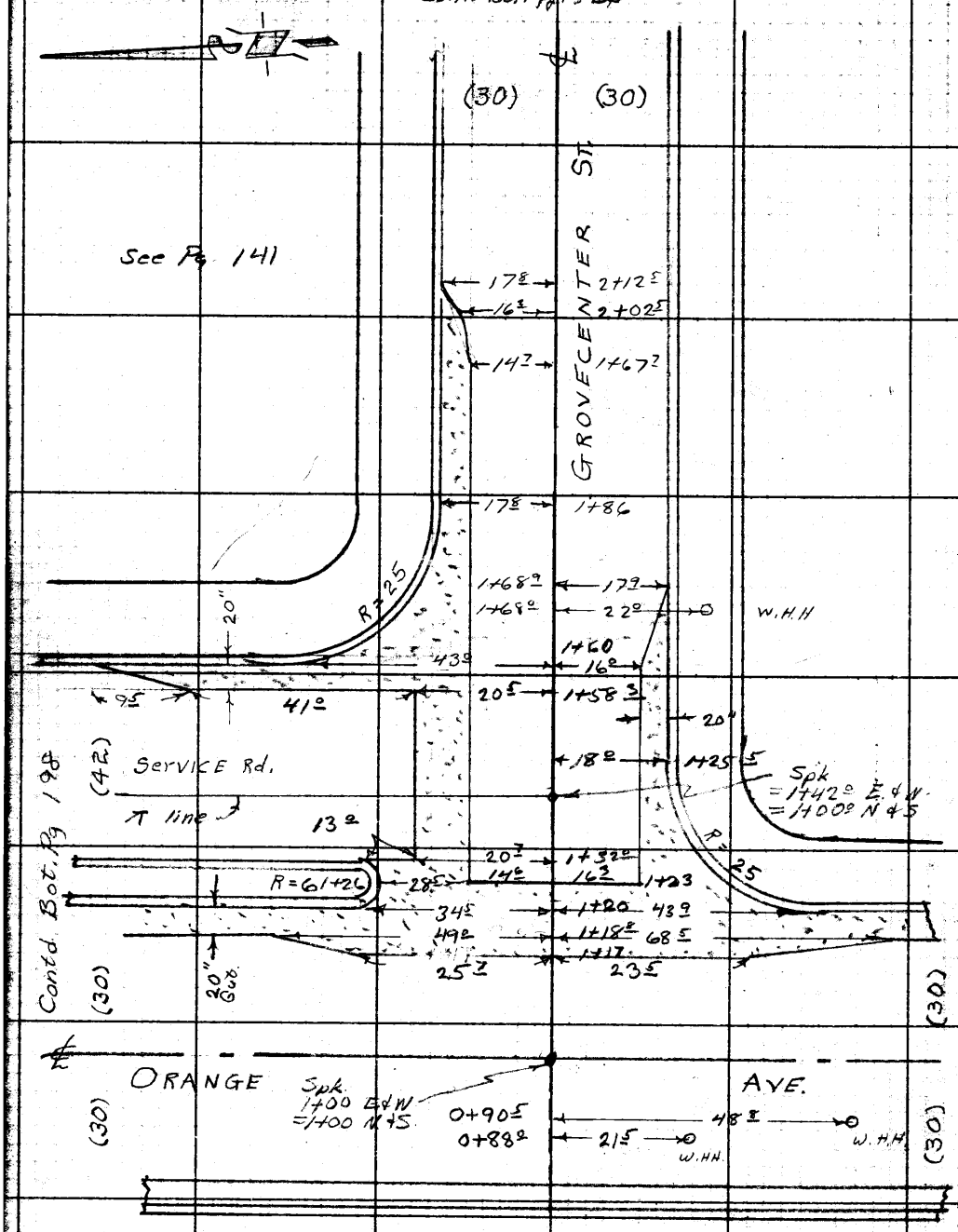
76309S CE #247—7-53

F.B. 2193 PG. 164

Cont. Bot. pg. 165



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700 Los Angeles County Engineering Bldg.

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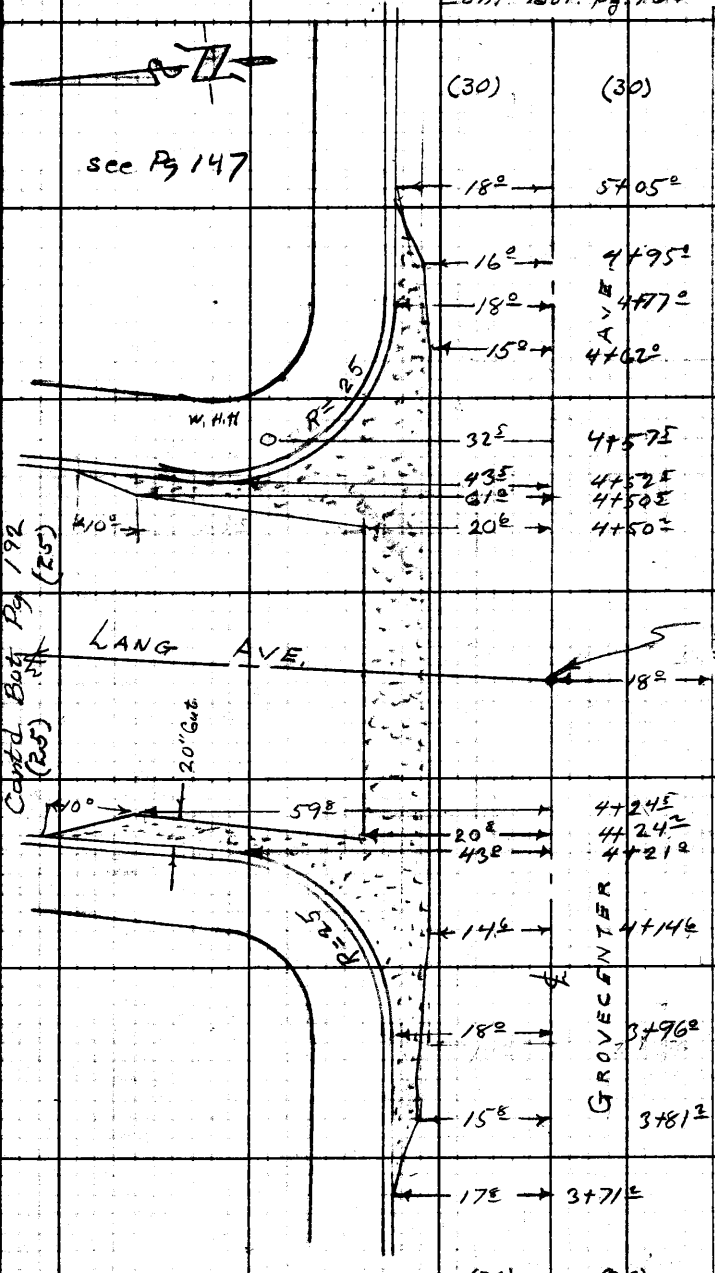
Notes Ck'd by	Survey of Lang Ave S.S. Dist.
Map No.	JN C.I. 2224.24 Tape Std °F
Office Work	Surveyed by Crowe
Checked	Notes Newman Date 8-28-62
Date	Indexed C. J. GALLI

F. B. 2193 Pg. 165

Cont. Bot. pg. 160



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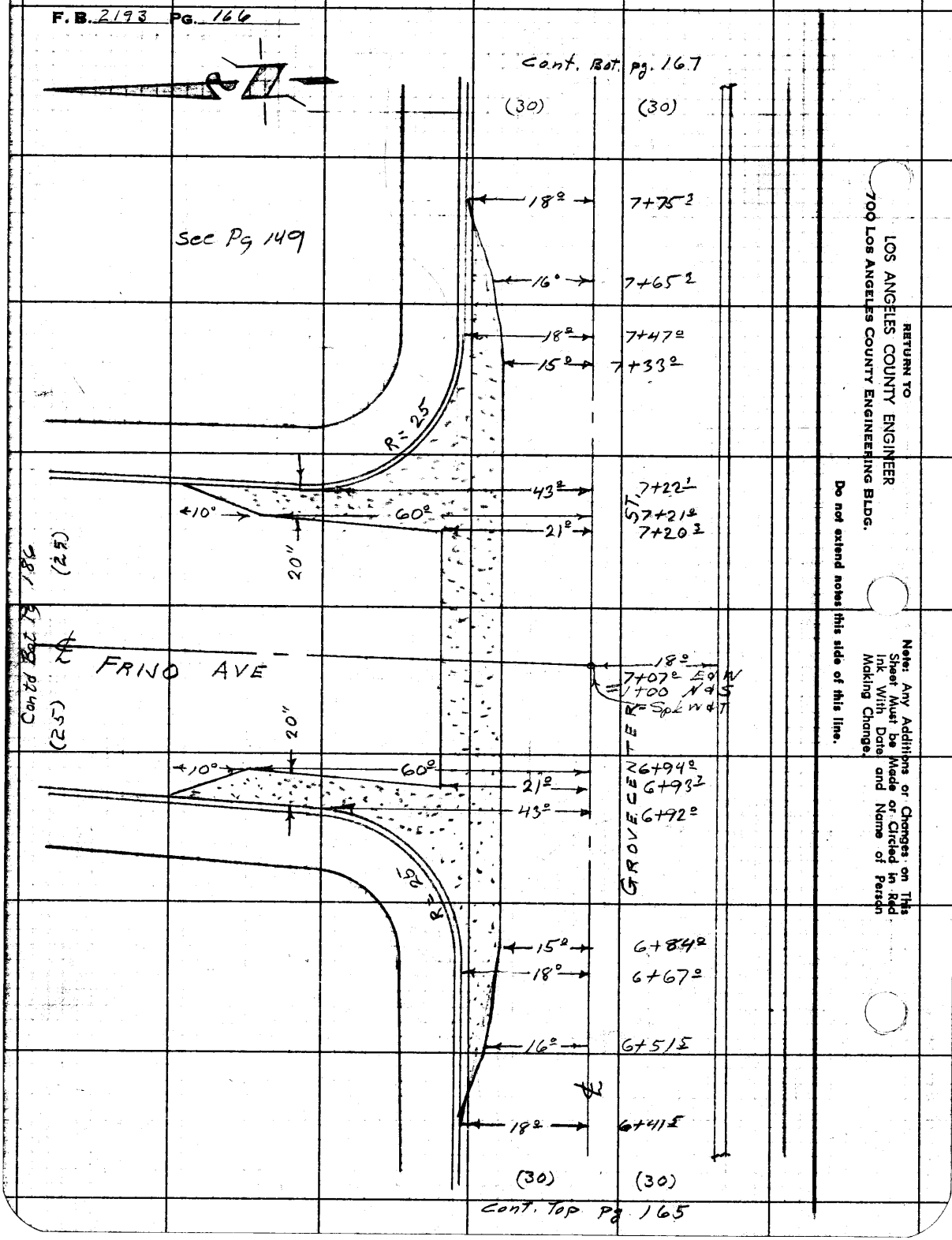
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F.B. 2193 PG. 166



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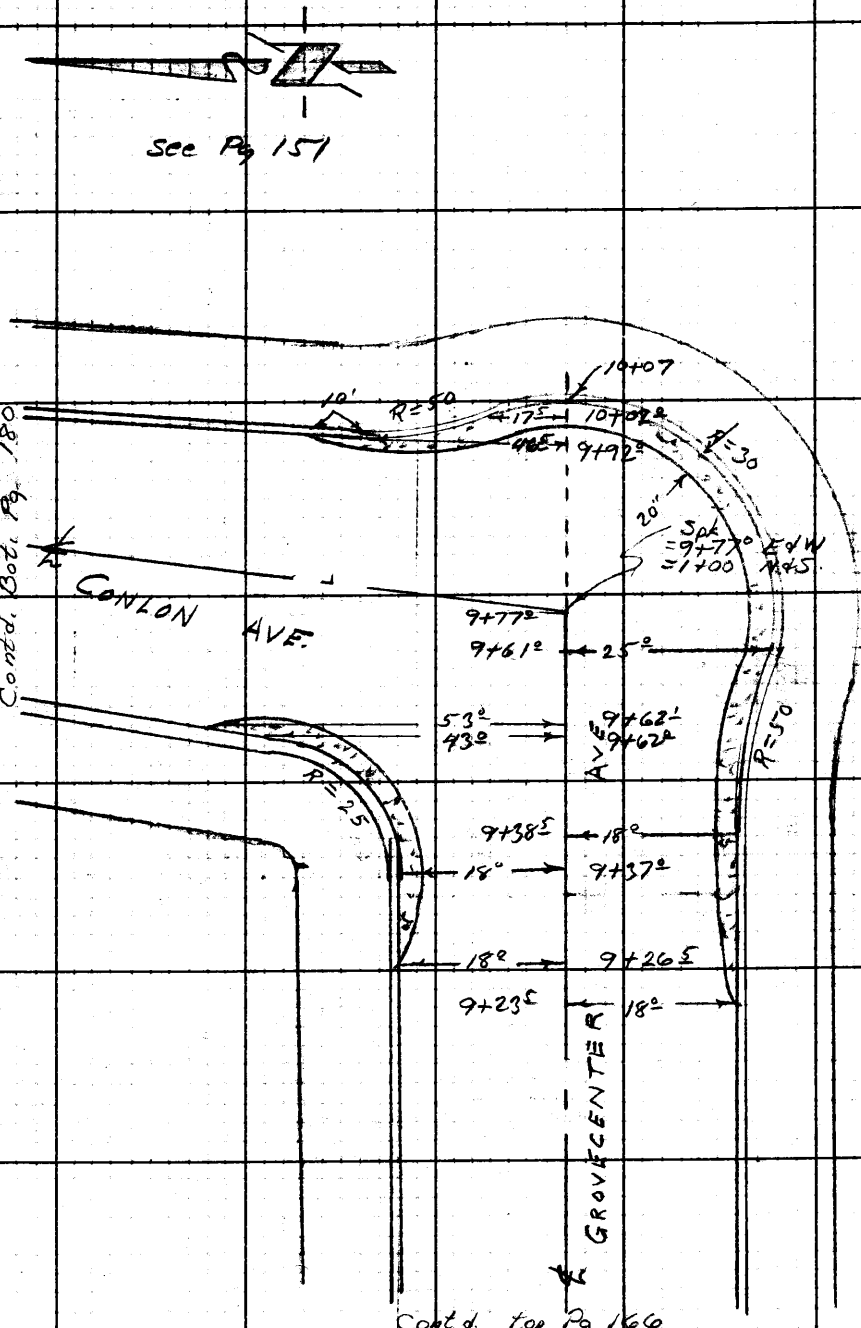
Notes Ck'd by	Survey of Long Ave S.S. Dist.
Map No.	J.N. 222434 Tape Std °F
Office Work	Surveyed by Crowe
Checked	Notes Newman Date 8-23-62
Date	Indexed C. J. GALLI

F. B. 2198 Pg. 147



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00 LOS ANGELES COUNTY ENGINEERING BLDG.

783098 CE #247—7-55

F.B. 2193 PG. 168

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F.B. 2193 PG. 169

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2224.34 Division No. ____
Date ____ Date ____ Survey of Lang Ave & Other R/W
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Crowe Notes Crowe Date 27 Aug. 62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date SEP 2 5 62

LANG AVE and OTHER R/W - SEWERS
PRELIMINARY SURVEY
CROSS SECTIONS
GROVECENTER ST.
from
ORANGE AVE. to CONLON AVE.

C.I. #2224.34
August 1962

	Reference	Party
ELEV.	Pgs. [illegible], 147, 149, 151	Crowe Newman Spriggs Adams
F.S.		
H.I.		
B.S.		
STATION		

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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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt.	℄	Rt.
BM HY-162				396.56	BM HY-162 Elev. 396.56 F.B. 2193-160		
					Grove center St. & Orange Ave. frontage Rd.,		
					N.E. Cor., PK. Spk. in Co. 5' E. of E. end C.R.		
					Left		Right
0+79 7				396 05		℄	Top. Co.
0+79 8				395 40		℄	Bot Co
0+80				395 51		℄	Gut.
1+00				394 85		℄	
				395 15			100'
				394 96			131.5'
				394 73			" thence East 18' edge Gut,
				394 62			" " 20' Gut.
				395 29			" " 20' T.C.
				396 2			" " 30' P/L
				396 64	100'		
1+17				395 32		℄	Edge Gut
1+20				395 27		℄	F.L.
				395 04			43? C.R.
				395 88			43? C.R.

F.B. 2193 PG. 170
Job No. 22434 Division No.
Survey of Lang Ave & Other R/W
Survey by Crowe Notes Crowe
Indexed C. J. GALLI Date
Notes Red Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt.	Rt
1+20				395.37	18^{0} Inter. of F.L.s	
				395.51	34^{5} B.C. @ C.R.	
				396.82	34^{5} T.C. @ C.R.	
$1+23^{0}$				395.33		℄ Edge Gut.
				395.27		16^{3} Cor Gut
				395.41	14^{6} Cor. Guts.	
1+32				395.65		℄
				395.65	14^{6}	
				395.61	18^{0} F.L.	
				395.71	20^{7} Edge Gut.	
				396.93	33^{5} T.C.	
				396.30	33^{5} Gut.	
$1+25^{5}$				395.99		℄
				395.85		16^{2} Edge Gut.
				395.69		18^{2} Gut.
				396.33		18^{2} T.C.
$1+58^{3}$				396.16		℄
				395.81	14^{8} Edge Gut	
				395.75	18^{5} F.L.	
				395.83	20^{5} Edge Gut.	
				396.13	61^{5} ℄ Pt. edge Gut	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 222434 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Long Ave & Other R/W
Notes Chkd. ____ Checked ____ Survey by Crowe Notes CVC Date 27 Aug 62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2193 Pg. 171

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Left	Right
1+59.8				39606	71.0 End Gut	
				39670	71.0 T.C.	
				39586		16.0 ∡ Pt. edge Gut
1+60				39595	43.0 Gut	
				39663	43.0 T.C.	
1+68.9				39578		17.9 End Gut
				39641		T.C.
1+86				39586	17.8 Gut	
				39651	17.9 T.C.	
2+00				39648	℄	
				39654		17.9 T.C.
2+02.5				39604	16.2 ∡ Pt. Gut	
2+12.2				39605	17.8 End Gut	
				39662	17.8 T.C.	
3+00				39691	℄	
				39698		17.9 TC
				39696	17.8 TC	
TP				39719	N. on Cb.	
3+71.2				39669	17.8 Gut	
				39721	17.8 T.C.	

F.B. 2193 PG. 172

Job No. 2224.34 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of Long Ave. & Other R/W Date ____ Date ____ No. ____ X-Sec. ____

Survey by Crowe Notes Crowe Notes Chkd. ____ Checked ____ No. ____

Indexed C. J. GALLI Date ____ Date ____ Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	Left	Right
3+81.2				39679	15.8 Edge Gut ℄ Pt.	
3+96.0				39673	18.0 Gut @ C.R.	
				39736	18.0 T.C.	
4+00				39730	℄	
				39743		18.0 TC
				3977		30.0 P/L
				3977		131.0 P/L
				39689	15.2 Edge Gut	
				39677	18.2 Gut	
				39741	18.2 T.C.	
4+21.0				39728	43.0 Gut	
				39792	43.0 T.C.	
4+21.2				39751	69.8 End Gut	
				39796	69.8 T.C.	
4+24.5				39744	59.8 Edge Gut	
4+24.2				39698	20.8 Cor. Guts	
4+36.8				39747	℄ Inter.	
				39704	14.6 Edge Gut	
				39696	18.0 F.L.	
				39702	21.0 Edge Gut	
				39745	40.0	

Profile Notes Red ____ Plotted ____ Job No. 222434 Division No. ____ F.B. 2193 Pg. 173
No. ____ Date ____ Date ____ Survey of Lang Ave. & Other R/W
X-Sec. Notes Chkd. ____ Checked ____ Survey by Crowe Notes Crowe Date 27 Aug. 62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	Left	Right
4+50.2				39711	20° Cor. Guts.	
4+50.5				39742	61° ∡ Pt. Edge Gut	
4+52.5				39737	71° End	
				39795	71° T.C.	
				39724	43.5 Gut @ C.R.	
				39785	43.5 T.C. @ C.R.	
4+51.2				39705	19° Inter. of F.L.s	
4+77.0				39713	18° Gut. @ C.R.	
				39779	18° T.C. @ C.R.	
4+95.0				39736	16° ∡ Pt. Gut Edge	
BM HV-161				39781	BM HV-161 Elev 397.835 F.B. 2193-160 Grovecenter St & Lang Ave., N. E. Cor., Pk Spk. in Cb. 5' E. of E. end C.R.	
5+00				39776	℄	
				39793		18° T.C.
				39791	18° T.C.	
5+05.0				39744	18° End Gut	
				39793	18° T.C.	
5+62				3989	30° P/L	

F.B. 2193 PG. 174

Job No. 2224.54 Division No. Notes Red Plotted Profile

Survey of Lang Ave & Other R/W Date Date No. X-Sec.

Survey by Crowe Notes CVC Notes Chkd. Checked No.

Indexed C. J. GALL Date Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt.	Rt.
6+00				39839		℄
				39851		18° TC
				3989		30° P/L
				3988		131° P/L
				39846	18° TC	
6+41.5				39825	18° End Gut	
				39867	18° T.C.	
6+51.5				39834	16° 4 Pt. edge Gut	
6+ 67°				39817	18° Gut @ C.R.	
				39882	18° T.C.	
6+92°				39876	43° Gut @ C.R.	
				39942	43° T.C.	
6+92.2				39902	70° End Gut	
				39950	70° T.C.	
6+94°				39903	60° 4 Pt. edge Gut	
6+93.7				39846	21° Cor. edge Gut	
7+07°				39894		℄ Inter
				39911		18° T.C.
				3993		30° P/L
				39852	15° Edge Gut	
				39844	18° F.L.	

Profile Notes Red ____ Plotted ____ Job No. 222434 Division No. ____ F.B. 2193 Pg. 175
No. ____ Date ____ Date ____ Survey of Long Ave & Other R/W
X-Sec. Notes Chkd. ____ Checked ____ Survey by Crowe Notes CVC Date 27 Aug. 62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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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.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	Rt
7+07.0				39852	21.0 Edge Gut	
				39903	45.0	
7+20.3				3986	21.0 Cor. edge Gut	
7+21.0				39905	60.0 ∡ Pt. Gut	
7+22.0				39897	53.8 end Gut	
				39951	53.8 T.C.	
7+22.1					43.0 Gut. @ C.R.	
					43.0 T.C @ C.R.	
BM HV-158				39938	BM HV-158 Elev. 399.381 F.B. 2193	
					Grovecenter St. and Frijo Ave., N.E. Cor.,	
					Pk. Spk. in Cb. 5' E. of E. end. C.R.	
7+33.0				39899	15' ∡ pt. Gut	
7+47				39883	18' Gut	
				39938	" T.C.	
7+75.0				39879	" end Gut.	
				39847	" T.C.	
8+00				39950		℄
				39965		18' TC.
				39964	18' T.C.	

F.B. 2193 PG. 174
Job No. 2224.34 Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of Lang Ave & Other R/W Date ____ Date ____ No. ____
Survey by Crowe Notes CVC Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

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.	Left	Right
9+00				400 17		℄
				400 21		18' T.C.
				400 5		30' P/L
				400 8		131' Rear P/L
				400 20	18' T.C.	
				401 0	30' P/L	
9+28.5				399 74		18' [illegible]
				400 31		
9+[illegible]				399 90		16' ∡ edge Gut
9+26.5				339 80		18' Gut. B.C.C.R.
				400 34		" T.C " "
9+37.0				400 03	16' ∡ edge Gut.	
				9 95	18' Gut. B.C.C.R.	
				0 34	" T.C. " "	
9+62.0				400 84	43' T.C. E.C.R.	
				400 27	43' Gut. E.C.R.	
				400 84	53' T.C. "	
				400 29	53' end Gut.	
9+64.0				400 45	48' ∡ edge Gut.	
9+61.0				399 87		25' Gut. P.R.C.
				400 48		" T.C. "

Profile Notes Red ____ Plotted ____ Job No. 22 24 34 Division No. 11 F.B. 2193 Pg. 117
No. ____ Date ____ Date ____ Survey of Lane Ave & Other R/W
X-Sec. Notes Chkd. ____ Checked ____ Survey by Crowe Notes Newman Date 8 28 62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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.	Left	Right
9+77.0				400.53		℄ Intr. Conton Ave.
9+90				400.45	46.5' ∡ edge Gut.	
9+92				400.33	46.5 Gut. E.C.	
				400.98	46.5 T.C. "	
				400.38	56.5 end cut	
				400.99	56.5 T.C.	
10+02				400.37	17.5 Gut. P.R.C.	
				400.82	17.5 T.C. "	
10+05				400.22		℄ edge Gut
10+07				400.08		Gut,
10+07				400.74		T.C.
10+17				401.1		℄ P/L
11+32				402.4		℄ Sewr P/L.
9+77.0				400.01	28' edge Gut	prod ℄ Conlon
				399.90	30' Gut.	" " "
				400.54	" T.C.	" " "
B.M.# HV 157				400.55	B.M.# HV 157 Elev. 400.552	F.B. 2193-158
					Grovecenter St. & Conlon Ave., S.E. of Int., P.K. spk. in curb, 4.8'± E. of prod of ℄ Conlon Ave.	

F.B. 2193 PG. 178

Job No. 222434 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of Lang Ave & Other R/W Date ____ No. ____

Survey by Gowe Notes Newman Notes Chkd. ____ Checked ____ X-Sec. ____

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

Notes Ck'd by	Survey of Lang Ave & Other R
Map No.	JN 2224.34 Tape 0161 Std 68 °F
Office Work	Surveyed by C.V. Crowe
Checked	Notes Crowe Date 27 Aug 62
Date	Indexed C. J. GAIN SEP 2 5 '62

F. B. 2193 Pg. 179

LANG AVE and OTHER R/W - SEWERS
PRELIMINARY SURVEY
LOCATION OF IMPROVEMENTS
CONLON AVE.

C.I.# 2224.34

August 1962

Reference
For ℄ notes see Pg. 151, 152

Party
Crowe
Newman
Spriggs

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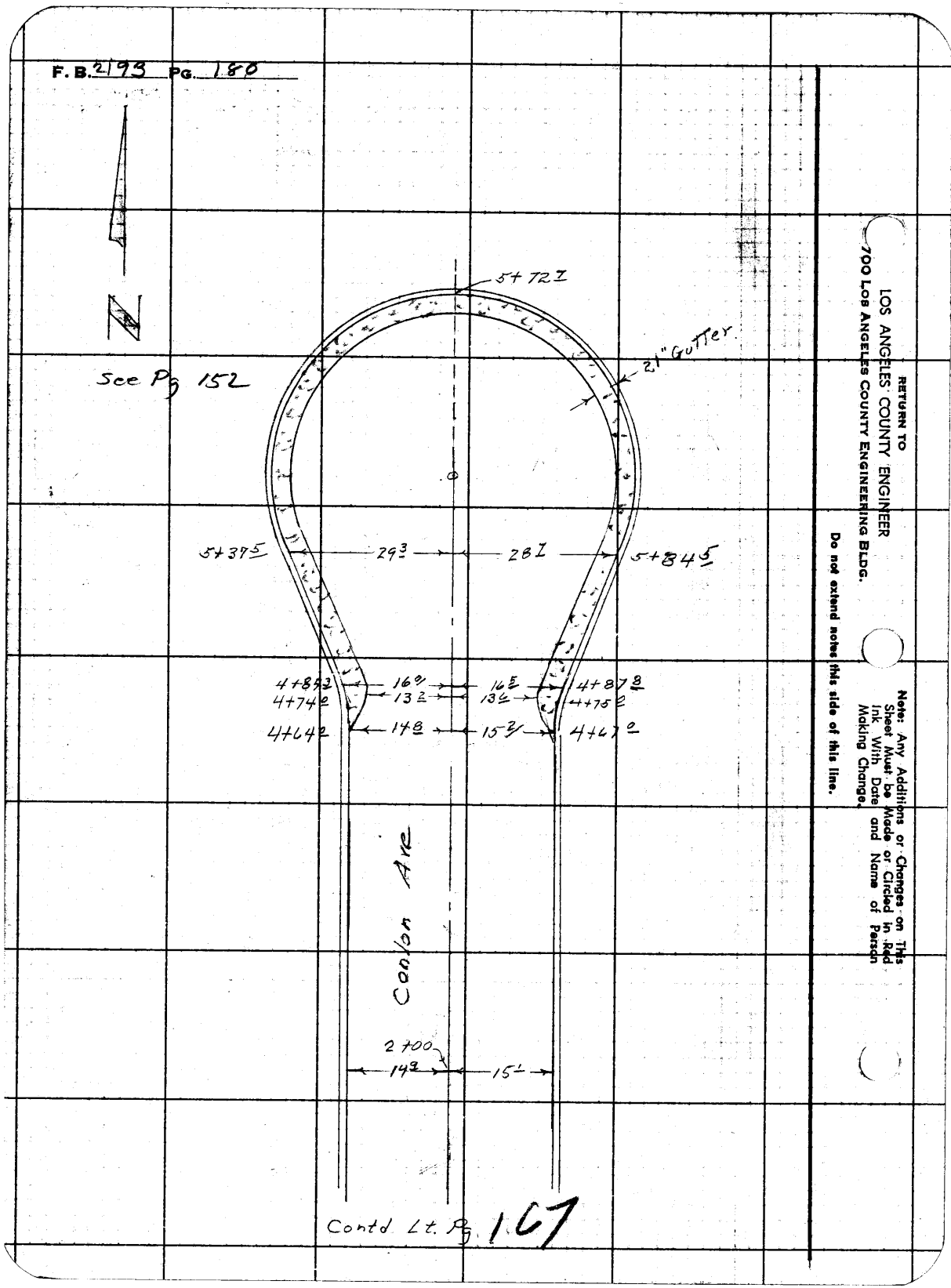
763098 CE #247—7-53

F. B. 2193 PG. 180



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Profile No.	Notes Red.	Plotted	Job No. 2224.34	Division No. 11	F. B. 2193	Pg. 181
	Date	Date	Survey of Lang Ave & Other R/W			
X-Sec. No.	Notes Chkd.	Checked	Survey by Crews	Notes Newman	Date 8-28-62	
	Date	Date	Map No.	Indexed C. J. GALLI	Date SEP 25 '62	

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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LANG AVE & OTHER R/W - SEWERS
PRELIMINARY SURVEY
CROSS SECTIONS
CONLON AVE
from
GROVECENTER North to cul-de-sac.

C.I. 2224.34

August 1962

STATION	B. S.	H. I.	F. S.	ELEV.	Reference	Party
					Pgs. 180	Crowe Newman Spriggs Adams

76L298 S & E #307 9-54

76L298 S & E #307 9-54

403.477

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. # HV157					B.M. # HV157 Elev. 400.552 F.B. 2193-158 Grovecenter St. & Conlon AVE., S.E. of Int., P.K. Spk in cb, 4.8'± E. of prod of ℄ Conlon Ave.	
		Note:	For	elevations	So. of 2+00	
		see	pg. 173	on	Grovecenter ST.	
					Left.	℄ Right.
2+00				401 22		℄
				401 27		15' T.C.
				402 1		25' P/L
				401 28	15' T.C.	
				401 7	25' P/L	
3+00				401 60		℄
				401 92		15' T.C.
				402 4		25' P/L
				403 5		135' Rear P/L
				401 92	15' T.C.	
				402 1	25' P/L	
				401 9	135' Rear P/L	
4+00				402 15		℄
				402 50		15' T.C.
				402 48	15' T.C.	
T.P.				402 37		

F. B. 2193 Pg. 182 Job No. 2224.34 Division No. 11 Notes Red. Plotted Profile
Survey of Lang Ave & other R/W Date Date No.
Survey by Crowe Notes Newman Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Left.	℄	Right.
4+64.0				402 32	14.8 end Gut & B.C.		
				402 91	" T.C. "		
4+67.0				402 31			15.2 end Gut & B.C.
				402 94			" T.C. "
4+74.0				402 46	13.2 edge Gut.		
4+75.0				402 40			13.6 edge Gut
4+85.3				402 44	16.0 Gut. E.C.		
				403 05	" T.C. "		
4+87.8				402 42			16.5 Gut. E.C.
				403 03			" T.C. "
5+00				402 88		℄	
5+34.5				402 83			26.7 edge Gut.
				402 71			28.7 Gut. B.C.
				403 34			" T.C. "
5+37.5				402 83	27.0 edge Gut.		
				402 72	29.2 Gut. B.C.		
				403 35	" T.C. "		
5+				403 05		℄	CTR. Cul-de-sac
5+70.7				403 16		℄	edge Gut.
5+72.3				403 04		℄	Gut.
"				403 49		℄	T.C.

Profile Notes Red. ____ Plotted ____ Job No. 2224.34 Division No. 11 F. B. 2193 Pg. 183
No. ____ Date ____ Date ____ Survey of Long Ave & Other R/W
X-Sec. Notes Chkd. ____ Checked ____ Survey by Fowle Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Left.	℄ Right.
6+02				404 8		P/L
				405 5		135' Rear P/L
				404 1	135' Rear P/L	
B.M.# HV 156				403 49	B.M.# HV 156 Elev. 403.477 Conton Ave., 420'± N. of Grovecenter St, P.K. Spk in Cb. 10' E. of Prod ℄ Conton Ave.	F.B. 2193 – 158

F. B. 2193 Pg. 184

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

Survey of ____ Date ____ Date ____ No. ____

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

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

Notes Ck'd by	Survey of Lang Ave & Other R/W
Map No.	JN 2224.34 Tape 0161 Std. 68 °F
Office Work	Surveyed by Crowe
Checked	Notes Crowe Date 22 Aug 62
Date	Indexed C. J. GALLI SEP 2 5 '62

F. B. 2193 Pg. 185

LANG AVE and OTHER R/W - SEWERS
PRELIMINARY SURVEY
LOCATION OF IMPROVEMENTS
FRIJO AVE.

C.I.# 2224.34

August 1962

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RETURN TO
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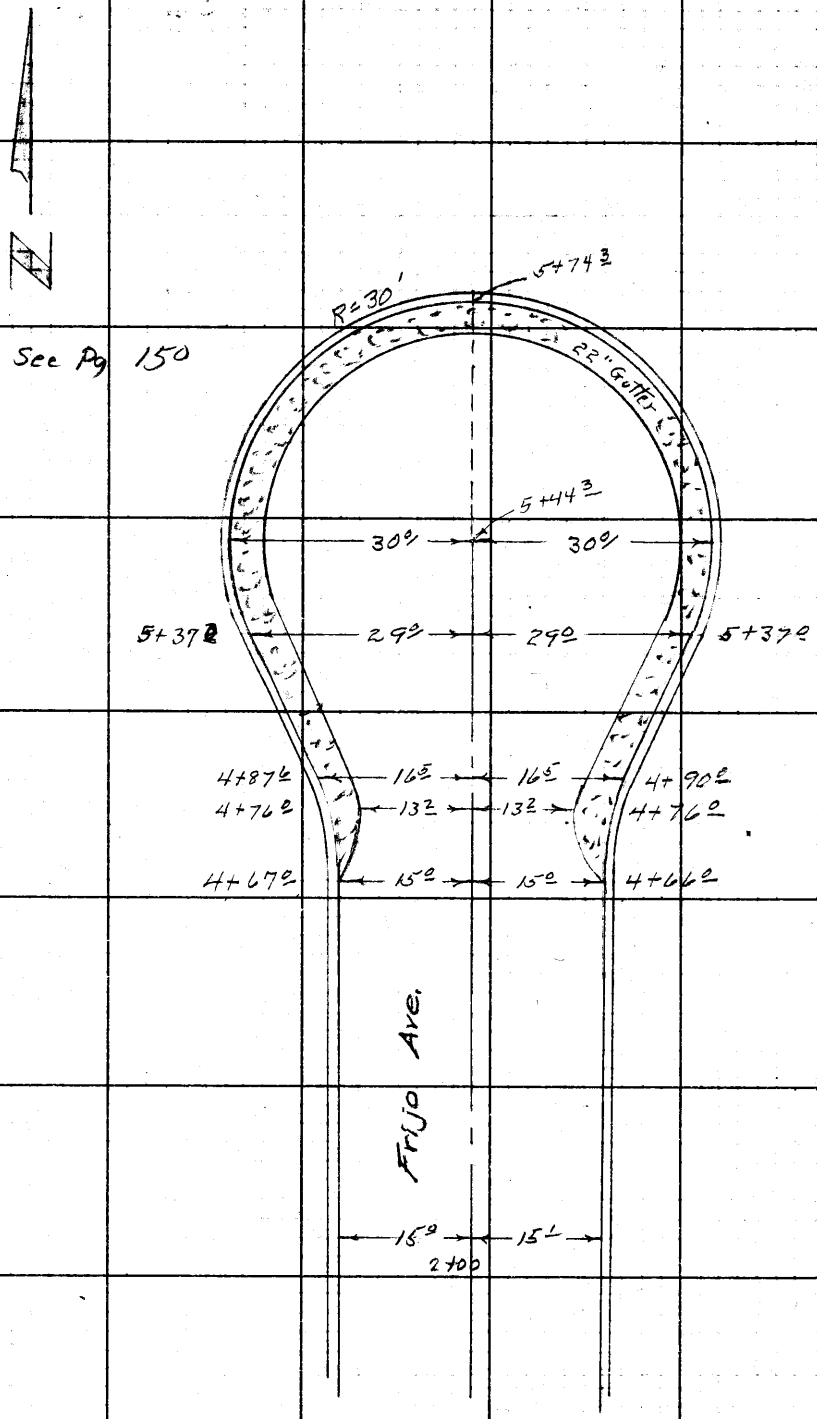
100 LOS ANGELES COUNTY ENGINEERING BLDG.

Reference	Party
For 2 notes see Pg 149, 150	Crowe
	Newman
	Spriggs
	Adams

763098 CE #247—7-53

F. B. 2193 PG. 186



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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159-401-360

Profile No.	Notes Red.	Plotted	Job No. 2224.34	Division No. 11	F. B. 2193	Pg. 187
	Date	Date	Survey of Lang Ave & Other R/W			
X-Sec. No.	Notes Chkd.	Checked	Survey by Crowe	Notes [illegible]	Date [illegible]	
	Date	Date	Map No.	Indexed C. J. GALLI	Date SEP 25 '62	

LANG AVE & OTHER R/W SEWERS.
PRELIMINARY SURVEY

CROSS SECTIONS
FRISO AVE
(from)
Grovecenter St. North to cul-de-sac.

C.I. 2224.34

August 1962

STATION	B. B.	H. I.	F. B.	ELEV.	Reference	Party
					Pg. 186	Crowe Newman Spriggs Adams

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

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

761298 S & E #307 9-54

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	FRISO AVE	
B.M.# HV158				399.38	B.M.# HV158 Elev. 399.381 F.B. 2193 Grovecenter St. & Frijo Ave. N.E. Cor. P.K. spk in cb. 5'± E. of E. end C.R.	
		Note:	For elevations		So. of 2+00	
		see pg. 176	on		Grovecenter St.	
					Left.	℄ Rt.
2+00				399 42		℄
				399 65		15' T.C.
				399 9		25' P/L
				399 68	15' T.C.	
				399 7	25' P/L	
3+00				399 96		℄
				400 13		15' T.C.
				400 8		25' P/L
				401 9		135' Rear P/L
				400 10	15' T.C.	
				400 4	25' P/L	
				400 6	135' Rear P/L.	
4+00				400 36		℄
				400 61		15' T.C.
				400 64	15' T.C.	
T.P.				400 32		

F. B. 2193 Pg. 188
Job No. 2224.34 Division No. 11 Notes Red. Plotted Profile
Survey of Lang Ave & Other R/W Date Date No.
Survey by Crowe Notes Newman Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Left	℄	Right
4+66				400 34			15' end Gut B.C.
				400 91			" T.C.
4+67.0				400 34	15' end Gut B.C.		
				400 96	" T.C. "		
4+76.0				400 51			13.2 ∢ edge Gut
				400 50	13.2 ∢ edge Gut		
4+87.6				400 44	16.5 Gut E.C.		
				401 04	" T.C. "		
4+90				400 40			16.5 Gut E.C.
				401 02			" T.C. "
5+00				400 92		℄	
5+37.0				400 74			27.0 edge Gut.
				400 64			29.0 Gut.
				401 28			" T.C.
				400 77	27.0 edge Gut.		
				400 65	29.0 Gut.		
				401 28	" T.C.		
5+44.3				401 27		℄	CTR Cul-de-sac
5+72.3				401 08		℄	edge Gut
5+74.3				400 95		℄	Gut.
				401 40		℄	T.C.

Profile Notes Red. ____ Plotted ____ Job No. 2224.34 Division No. 11 F. B. 2193 Pg. 189
No. ____ Date ____ Date ____ Survey of Lang Ave & Other R/W
X-Sec. Notes Chkd. ____ Checked ____ Survey by Crowe Notes Newman Date 8-28-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2193 Pg. 190 Job No. 2224.34 Division No. 11 Notes Red. Plotted Profile

Survey of Lang Ave. & Other R/W Date Date No.

Survey by Crowe Notes Newman 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.	Left	℄	Right
6+04 ±				402.9		℄	North. P/L
				404.1			135' Rear P/L
B.M# H.K.-159					135' Rear P/L		
				401.37	B.M# HK 159 Elev. 401.360 F.B. 2193-159 Frigo Ave. 420'± N. of Gravenstein St. P.K. Spk. in ch. 10' E. of Prod. of ℄ Frigo Ave.		

Notes Ck'd by	Survey of Lang Ave & Other R/W
Map No.	JN 2224.34 Tape Std °F
Office Work	Surveyed by Crowe
Checked	Notes Crowe Date 27 Aug 62
Date	Indexed C. J. GALLI

F. B. 2193 Pg. 191

SEP 25 '62

LANG AVE. and OTHER R/W - SEWERS
PRELIMINARY SURVEY
LOCATION OF IMPROVEMENTS
LANG AVE

C.I. # 2224.34
August 1962

Reference
For & notes see Pg 147, 148

Party
Crowe
Newman
Springs
Adams

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

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RETURN TO
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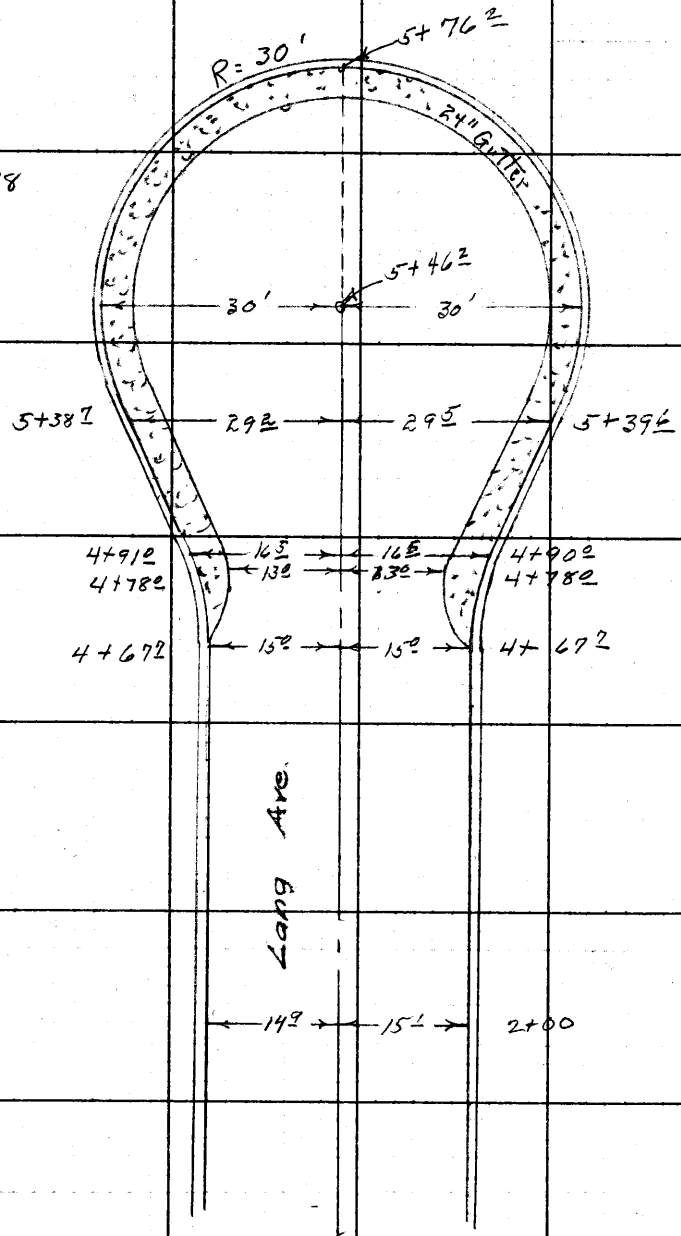
763098 CE #247—7-53

160
399.647

F. B. 2193 PG. 192

See Pg 148



Contd. Lt. Pg 165.

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Profile No.	Notes Red	Plotted	Job No. 2224.34	Division No. 11	F.B. 2193 PG. 193
	Date	Date	Survey of Lang Ave & Other R/W		
X-Sec. No.	Notes Chkd.	Checked	Survey by Crowe	Notes [illegible]	Date 8 28 62
	Date	Date	Map No.	Indexed C. J. GALLI	Date SEP 2 5 62

LANG AVE. & OTHER R/W SEWERS
PRELIMINARY SURVEY

CROSS SECTIONS

LANG AVE
from
Grovecenter St. North to Cul-de-sac.

C.I. 2224.34

August 1962

	Reference	Party
ELEV.	Pg 192	Crowe Newman Springs [illegible]
F.S.		
H.I.		
B.S.		
STATION		

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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76-L298 CE 307 3-61

76-L298 CE 307, 3-61

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F.B. 2193 PG. 194 | Job No. 2224.34 | Division No. 11 | Notes Red ____ Date ____ | Plotted ____ Date ____ | Profile No. ____

Survey of Lang Ave & Other R/W | Survey by Crowe | Notes Newman | Notes Chkd. ____ Date ____ | Checked ____ Date ____ | X-Sec. No. ____

Indexed C. J. GALLI Date ____

STATION	B.S.	H.I.	F.S.	ELEV.		
BM# HV161				397.83	B.M.# HV161 Elev. 397.835 F.B. 2193 · 160 Grovecenter St. & Lang Ave. N.E. Cor. P.K. Spk. in cb. 5'± E of E. end C.R.	
		Note: For elevations S. of 2+00 see pg's 173, 174 on Grovecenter St.				
					Left.	Right.
2+00				397.83	℄	
				398.10		15' T.C.
				398.5		25' P/L
				398.09	15' T.C.	
				398.6	25' P/L	
3+00				398.35	℄	
				398.52		15' T.C.
				398.8		25' P/L
				400.6		135' P/L
				398.61	15' T.C.	
				399.1	25' P/L	
				399.2	135' P/L	
4+00				398.80	℄	
				399.00		15' T.C.
				398.80	15' T.C.	
T.P.				398.79		

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Left	℄ Right
4+67.7				398 70		15' end Gut B.C.
				399 31		" T.C. "
				398 68	15' end Gut. B.C.	
				399 35	" T.C. "	
4+78.0				398 87		13.0 ∡ edge Gut.
				398 86	13.0 ∡ edge Gut.	
4+91.0				398 92		14.5 edge Gut.
				398 77		16.5 Gut E.C.
				399 38		" T.C. "
				398 91	14.5 edge Gut.	
				398 76	16.5 Gut. E.C.	
				399 37	" T.C. "	
5+00				399 34		℄
				399 09		27.5 edge Gut. B.C.
				398 96		29.5 Gut. "
				399 60		" T.C. "
				399 03	27.5 edge Gut. B.C.	
				398 92	29.5 Gut. "	
				399 53	" T.C. "	
5+— 46.2				399 39		℄ CTR Cul-de-sac

Profile Notes Red. ____ Plotted ____ Job No. 2224.34 Division No. 11 F. B. 2193 Pg. 190
No. ____ Date ____ Date ____ Survey of Lang Ave & Other Rlnl
X-Sec. Notes Chkd. ____ Checked ____ Survey by Crowe Notes Newman Date 8-28-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		℄	
5+74 2				399 35		℄	edge Gut.
5+76 2				399 34		℄	Gut.
				399 39		℄	T.C.
6+06 2				400 8		℄	P/L at Tract. Line
				402 8			135' Rear P/L
				400 0	135' Rear P/L		
B.M. #HV 160				399 65	B.M. #H.V. 160 Elev. 399.647		F.B. 2193-160

F. B. 2193 Pg. 196 Job No. 2224.34 Division No. 11 Notes Red. Plotted Profile
Survey of Lang Ave & Other Blw Date Date No.
Survey by Crowe Notes Newman Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

Notes Ck'd by	Survey of Lang Ave & Other R/W	F. B. 2193 Pg. 197
Map No.	JN 2224.34 Tape Std °F	
Office Work	Surveyed by Crowe	
Checked	Notes Crowe Date 27 Aug. 62	
Date	Indexed C. J. GALLI SEP 2 5 '62	

LANG AVE. and OTHER R/W - SEWERS
PRELIMINARY SURVEY
LOCATION OF IMPROVEMENTS

ORANGE AVE
from
GROVECENTER to BADILLO

C.I # 2224.34
August 1962

Reference
For ∑ notes see Pg 141, 142

Party
Crowe
Newman
Spriggs
Adams

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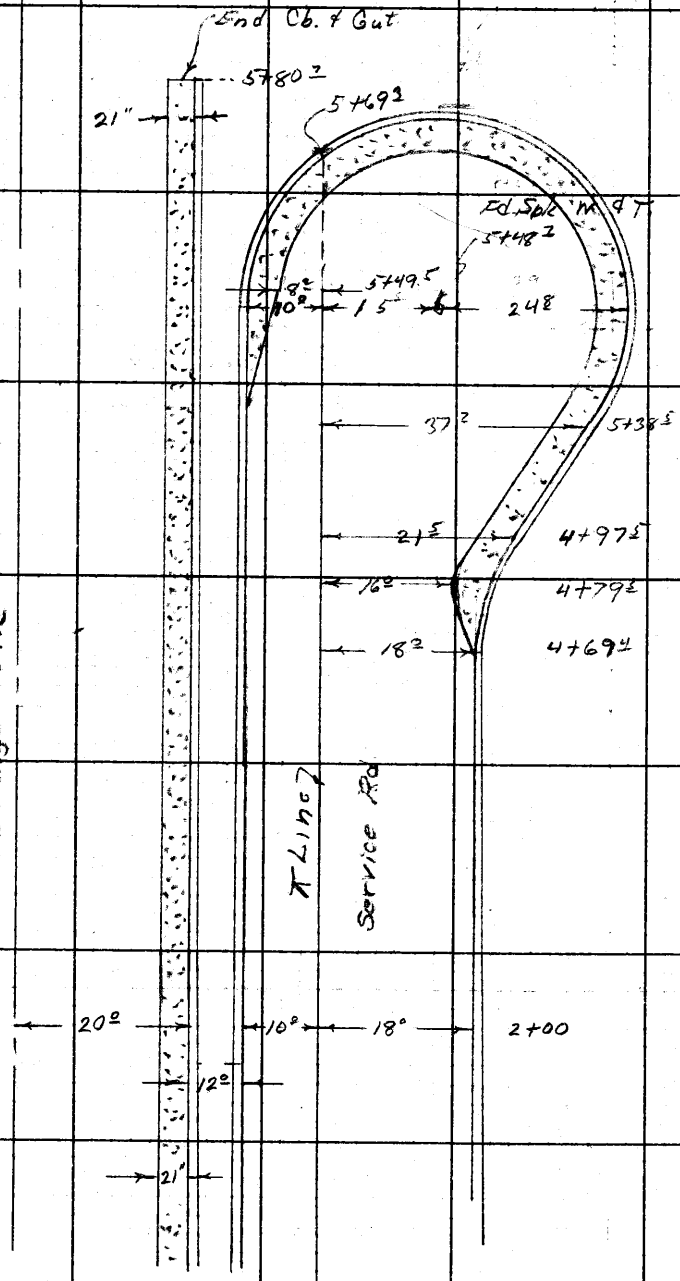
763098 CE #247—7-59

F.B. 2193 PG. 198

See Pg 142



Contd Lt. Pg. 164

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Profile No.	Notes Red.	Plotted	Job No. 222434	Division No.	F. B. 2193 Pg. 199
	Date	Date	Survey of Lang Ave. & Oliver R/W		
X-Sec. No.	Notes Chkd.	Checked	Survey by C.V. Crowe	Notes Newman	Date
	Date	Date	Map No.	Indexed C. J. GALLI	Date SEP 2 5 '62

LANG AVE & OLIVER R/W - Sewers

PRELIMINARY SURVEY

CROSS SECTIONS

ORANGE AVE

from

Grovecenter ST. North to cul-de-sac

C.I. 222434

August 1962

STATION	B. S.	H. I.	F. S.	ELEV.	Reference	Party
					Pg 198	Crowe Newman Spriggs Adams

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

761298 S & E #307 9-54

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. # HV162				396 56	B.M. # HV162 Elev. 396.564 F.B. 2193-160 Grovecenter St. & Orange Ave. Frontage Rd N.E. Cor. P.K. Spk. in Ch. 5' E. of E end S.R.	
		Note. For elevations see pages 170 - 172			of 2+00 Left.	Line Right.
2+00				396 53		
				396 80		18' T.C
				397 2		28 P/L
				397 23	10' T.C.	
3+00				396 87		
				397 16		18' T.C.
				397 4		P/L
				399 1		Rear P/L
				397 62	10' T.C.	
T.P.				397 53		
4+00				397 34		
				397 60		18' T.C
				397 99	10' T.C	
4+69 4				397 34		18' end Gut. B.C.
				397 91		" T.C "
4+79 5				397 45		16° ∡ Gut.

F. B. 2193 PG. 200 Job No. 22243 Division No. 11 Notes Red. Plotted Profile
Survey of Grove Ave. Ethel R/W Date Date No.
Survey by Crawe Notes Newman Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Left	Line	Right
4+97.5				397 54			19.5 edge Gut E.C.
				397 40			21.5 Gut "
				398 03			" T.C. "
5+00				397 88			
5+38.2				398 03	10' end Gut. B.C.		
				398 51	" T.C. B.C.		
				397 68			35.2 edge Gut B.C.
				397 57			37.2 Gut B.C.
				398 22			" T.C. "
5+48.2				398 06			15' CtR. Cul-de-sac
5+49.5				398 15	8.3 ∡ edge Gut.		
5+47				398 04			edge Gut.
5+69.3				397 85			Gut.
				398 42			T.C.
5+99				399 3			P/L
				400 00			Rea P/L.
BM# HV163				398 42	B.M.# HV163 Elev. 398.415 F.B. 2993-161 Orange Ave. Frontage Rd. 420' N of Grovecenter St. P.K. Spk. in cb. on [illegible] E. side Orange Ave Frontage Rd.		

Profile Notes Red. ____ Plotted ____ Job No. 22243 Division No. 11 F. B. 2193 PG. 201
No. ____ Date ____ Date ____ Survey of Long Ave & Other R/W
X-Sec. Notes Chkd. ____ Checked ____ Survey by Crowe Notes Newman Date 8-28-68
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2193 Pg. 202

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

761298 S & E #307 9-54

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NOTES RED. JOB NO. CI 2433.14 SURVEY OF Karin Place S.S.Dist. F. B. 2193 PG. 203
DATE SURVEY BY J. H. Brown
NOTES CHKD. A. E. DART NOTES BY J. H. B. DATE Feb. '67
DATE INDEXED G. J. GALLI DATE MAR 7 '67

DESCRIPTION

C.I. 2433.14
KARIN PLACE
(San Gabriel Area)

Bench Levels

Feb '67
ZEISS LEVEL #
INVAR RODS #19 & #20

J. H. Brown
W. E. Newman
E. Goshorn
R. Moore

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

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

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900 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-35-4-55

768420 S & E-353-9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd BM BG 788	515.722				515.722	BM BG 788 (ARCADIA QUAD 1965)
+	2.453		2.266			(T-E. 335) ELEV = 515.722 per
⊼	518.175	-5.079	5.079			Pg 9 FB PG.
−	7.532		7.345			N VISTA ST & DUARTE RD N.W.
T.P	510.643					COR 10' N of N C.R.
+	2.037		1.842			
⊼	512.680	+5.831	5.833			
−	7.868		7.675			
T.P.	504.812					
+	3.630	-0.824	3.723			
⊼	508.442		0.824			
−	4.454		4.547			
Fd. BM TE 919	503.988				503.989	BM TE 919 Elev = 503.989 FB
+	3.775		3.930			E LEROY ST & VISTA ST SW. COR
⊼	507.763	-1.509	1.508			BT SPK 6' W of W. CR.
−	5.284		5.438			
T.P.	502.479					
+	4.156		4.344			
⊼	506.635	-1.682	1.683			
−	5.838		6.027			
BM TE 443	500.797				500.799	BM TE 443 El = 500.799 FB
+	5.653		5.752			KARIN PLACE @ TR LINE 35 W SW.
⊼	506.450	+2.500	2.500			E COR HOUSE # 6602. 3½ 'S of S
−	3.153		3.252			LINE of " " . 1½" IP cem plug
BM TE 444	503.297				503.300	& tag # 23A DN 6"
						BM TE 444 El = 503.300 FB
						KARIN PLACE W. SIDE 's of ℄
						DUARTE RD. L & lk bottom
						STEP to House # 6603.

JOB NO. CI 2433.14 SURVEY OF Karin Place. S.S. Dist NOTES RED.
SURVEY BY J. H. Brown DATE
NOTES BY J. H. B DATE NOTES CHKD. F. DART
INDEXED C. J. GALLI DATE

F. B. 2193 PG. 204

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM	503.297				503.300	cont from pg
+	5.277		5.390			
⊼	508.574	1.877	1.877			
—	3.400		3.513			
T.P.	505.174					
+	6.268		6.062			
⊼	511.442	4.126	4.126			
—	2.142		1.936			
BM BG789	509.300				509.304	BM. BG 789 (ARCADIA QUAD 1965) Elev = 509.304 Per. pg 9 of FB pg. KARIN PLACE & DUARTE RD SW COR. ℄ & ⊼ in conc base of cinder blk fence. (36' S. of ℄ DUARTE RD & 17 W. of ℄ KARIN PLACE)

NOTES RED _____ JOB NO. CI 2433.14 SURVEY OF Karin Place SSDS
DATE _____ SURVEY BY J.H. Brown
NOTES CHKD. A. E. DART NOTES BY L.H.B. DATE Feb. '67
DATE _____ INDEXED C. J. GALLI DATE _____

F. B. 2193 PG. 205

F.B. 2193 PG. 206

JOB NO. _____ SURVEY OF _____ NOTES RED. _____
SURVEY BY _____ DATE _____
NOTES BY _____ DATE _____ NOTES CHKD. _____
INDEXED _____ DATE _____ DATE _____

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

Do not extend notes this side of this line

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768420 S & E-353-9-55

PWFB 1526 2936

Notes Ck'd by A. E. DART	Survey of KARIN PLACE	F. B. [redacted] Pg. [redacted]
Map No.	JN 2933 M Tape 9199 Std 6 8 °F	
Office Work	Surveyed by J. H. BROWN	
Checked	Notes J. H. B Date 2-67	
Date	Indexed C. J. GALLI MR 7 67	

J. N. 0303.00
CENTERLINE SURVEY
FOR C.I. JOB (SAN GABRIEL AREA)
KARIN PLACE

N. VISTA ST	at	WOODLAWN	ST.
N. VISTA ST	at	LEROY	ST.
N. VISTA ST	at	ANGLE	POINT
N. VISTA ST	at	DUARTE	RD
KAREN ST	at	DUARTE	RD
KAREN ST	at	TRACT	LINE

Feb 1967

PARTY:
J. H. BROWN
W E NEWMAN
E. M. ELLSWORTH
R. A. MOORE

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

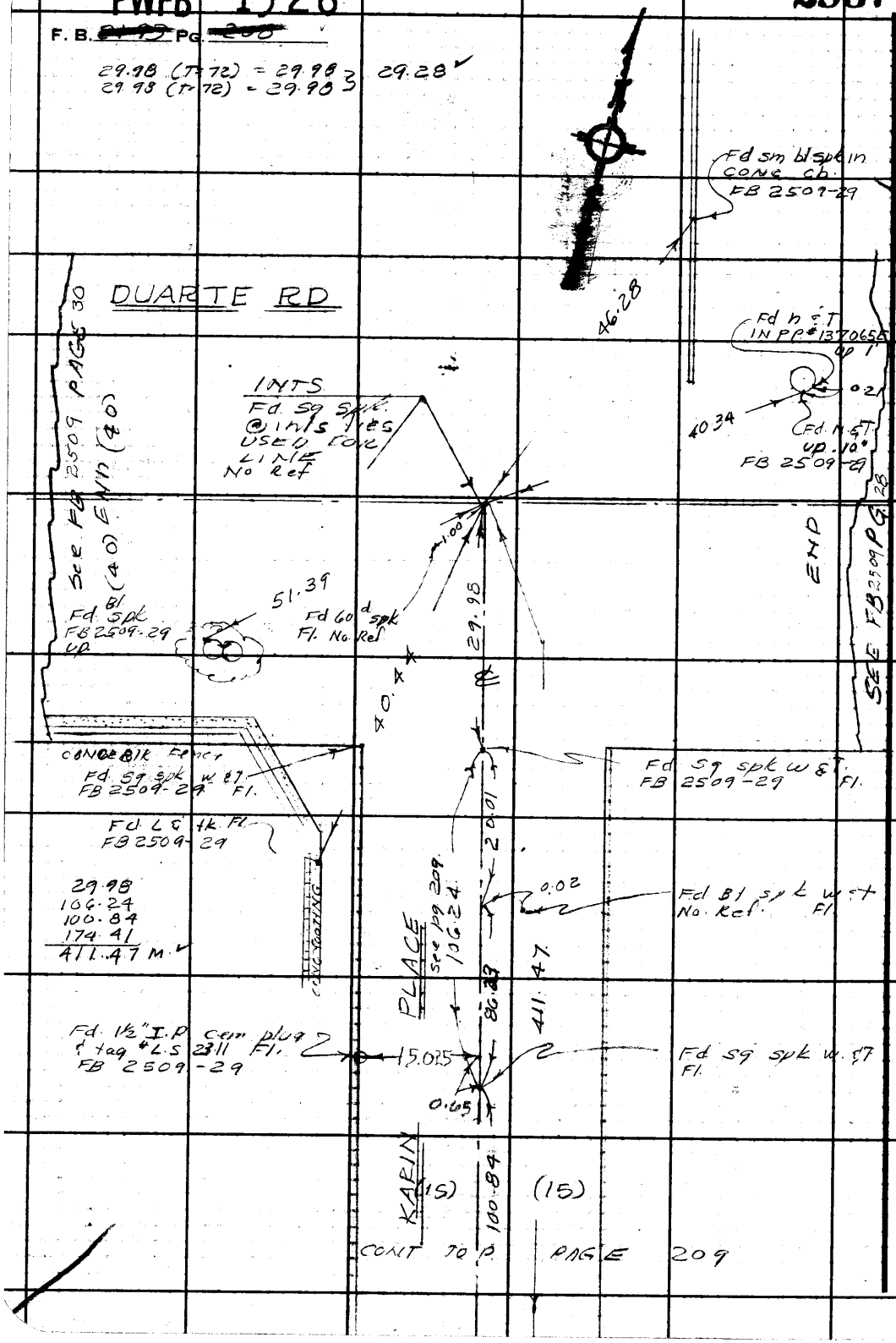
76F309S CE #310 6/63

PWFB 1526

2937

F. B. ~~[illegible]~~ PG. ~~[illegible]~~

29.98 (T=72) = 29.98
29.98 (T=72) = 29.98 } 29.28



WS 44, B-3

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PWFB 1526

2938

W544B-4

Notes Ck'd by A. E. DART	Survey of KARIN PLACE
Map No.	JN 2433.14 Tape 2199 Std 68 °F
Office Work	Surveyed by J. H. BROWN
Checked	Notes J. H. B Date Feb 66
Date	Indexed C. J. GALLI

F. B. [redacted] Pg. [redacted]

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 663

CONT. BOT. MAPS 205

T=66
96.22 84.90
106.23 106.84
Avg = 106.29

T=63
100.09 100.84
0.75 + 0.00
100.84 100.84
Avg = 100.84

(15) (15)

100.84

KARIN PLACE

Fd nail pcr FB 2509 -20

LOT 2 R.S. 63-40

LOT 1 R.S. 63-40

T=68
99.27 99.70
75.15 74.70
174.42 174.40
Avg = 174.41

87°33'00"
350°12'20"
105°18'40"
Avg. 87°33'07"

Set L&TK CONC STEP

Set L&TK CONC WALK IN CONC STEP

Set IN CONC. STEP

174.41

(15) (15)

54.95

HOUSE # 6602

HOUSE # 6603

Fd 1½" I.P. cem plug Tag #LS 2311 R.S.

51.68

87°33'07"

47.50

Fd nothing under Cim. bk wall

Co. Engr. set L & tag.

TRACT LINE 35.00

115.1

LINE (3'0 N of)
115.22

3.00

Set 60d spk & T
Fl. on ℄ PROD. ℄ 3.00 dist.

END

255.15 set 1X2 & Nail

T=64
1X2 60.81 66.82
6.00 0.00 Fence
0.00 2.56 1X2
38.90 36.34
65.99 65.98
89.85 89.97
255.15 255.17
-0.01 T.C. -0.01
255.14 255.16 Avg = 255.15
43.22 43.75
72.00 71.47
115.22 115.22 Avg = 115.22

VACANT FIELD

3.00 Low (T=72) = 3.00
3.00 Low T=64) = 3.00

Fd 1½ (INSIDE DIA) I.P. cem plug tag #LS 2311 DIN 3' SE cor LOT 1 R.S. 63-40

CONT. PAGE 211

BOUNDARY DISTRICT

PWFB 1526

F. B. [redacted] PG. [redacted]

2939

WS44 B-4

CONT BOT PAGE 211

(40)

(25)

ST

Fd L & Tk. FB 1737-42

Fd L No Tk. FB 1737-42

CONC

66.05

LINE

WOODLAWN

74.80

END (60) & NOT PROVEN.

ST

54.03

Fd L & Tk FB 1737-42

CONC ch

43.99

Fd CE MON DIN 8" Per FB 1737-42 USED FOR LINE

COUNTY ENGINEER R.E. 5869

Fd. L & Tk. FB 1737-42

(40)

VISTA

END

(25)

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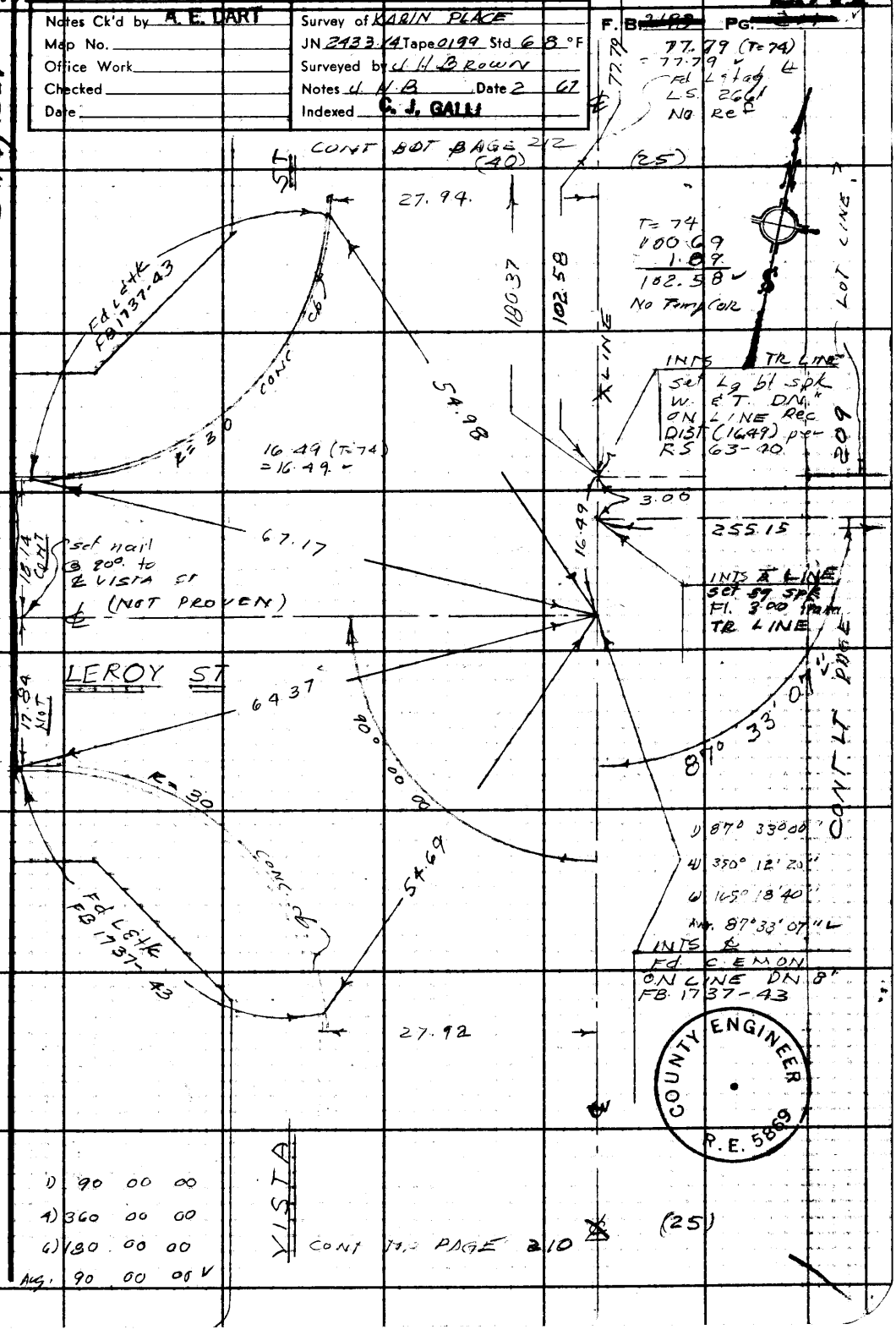
PWFB 1526

2940 2941

Notes Ck'd by A. E. DART	Survey of KARIN PLACE
Map No.	JN 2433.14 Tape 0199 Std 68 °F
Office Work	Surveyed by J. H. BROWN
Checked	Notes J. H. B. Date 2 67
Date	Indexed C. J. GALLI

F. B. ~~2183~~ Pg. ~~2~~



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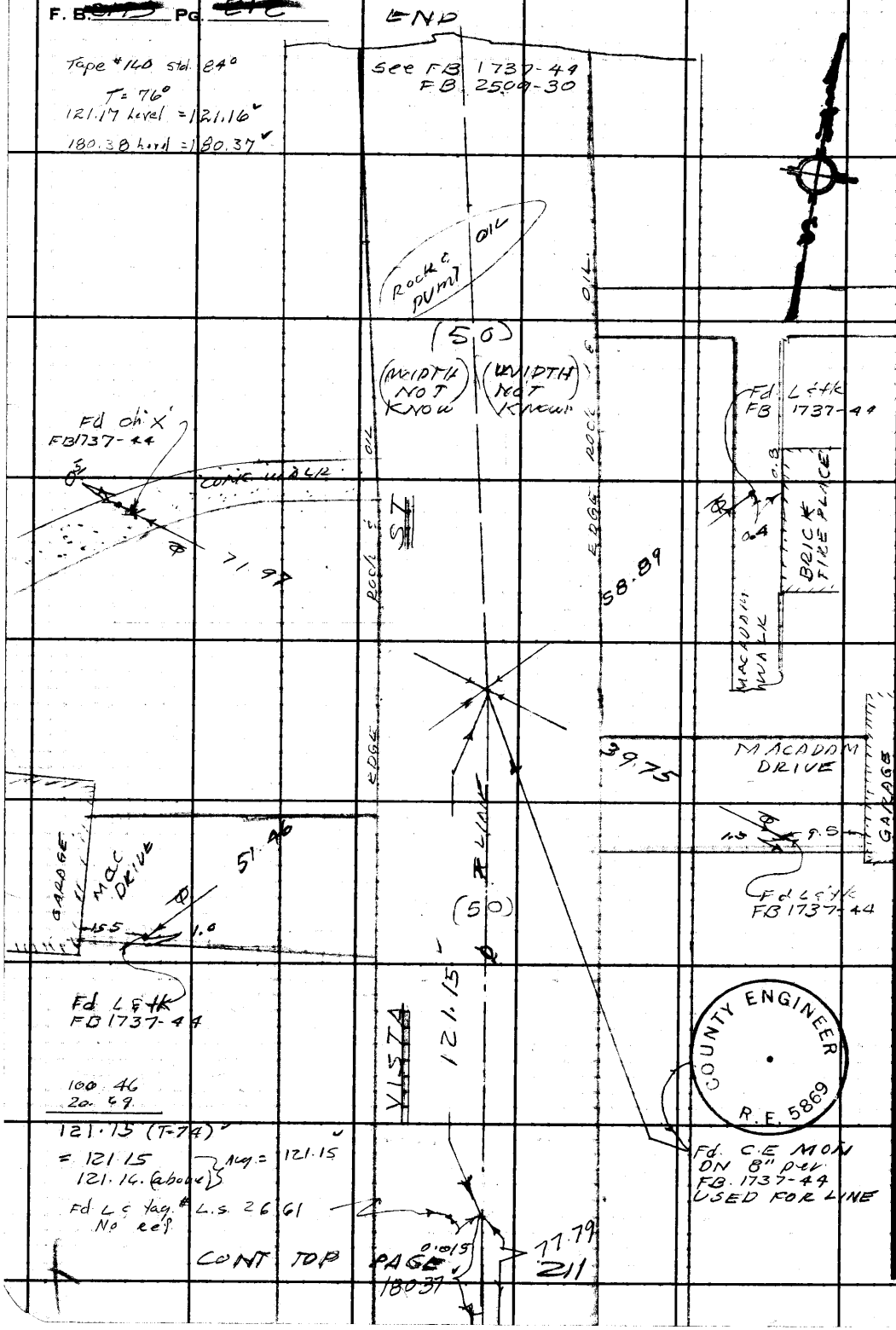
76F309B CE #310 6-63

PWFB 1526 2942

F. B. [redacted] Pg. [redacted]



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Notes Ck'd by E. DART	Survey of KARIN PLACE
Map No.	C.I. 2433.14 Tape C1 90 Std 68 °F
Office Work	Surveyed by J H BROWN
Checked	Notes J H B Date 2- -66
Date	Indexed C. J. GALLI MAR 7

F. B. 219 3 PG. 213

C. I. 2433.14

KARIN PLACE

LOCATING IMPROVEMENTS
ON EASEMENT from VISTA ST (1+00)
(@ LE BOY ST) to KARIN PLACE (4+73)
AND
ON KARIN PLACE from TR. LINE
NORTH 337' to 8+00

MARCH 1 1967

J.H BROWN
W.E. NEWMAN
R.A. MOORE
E.M. GOSHORN

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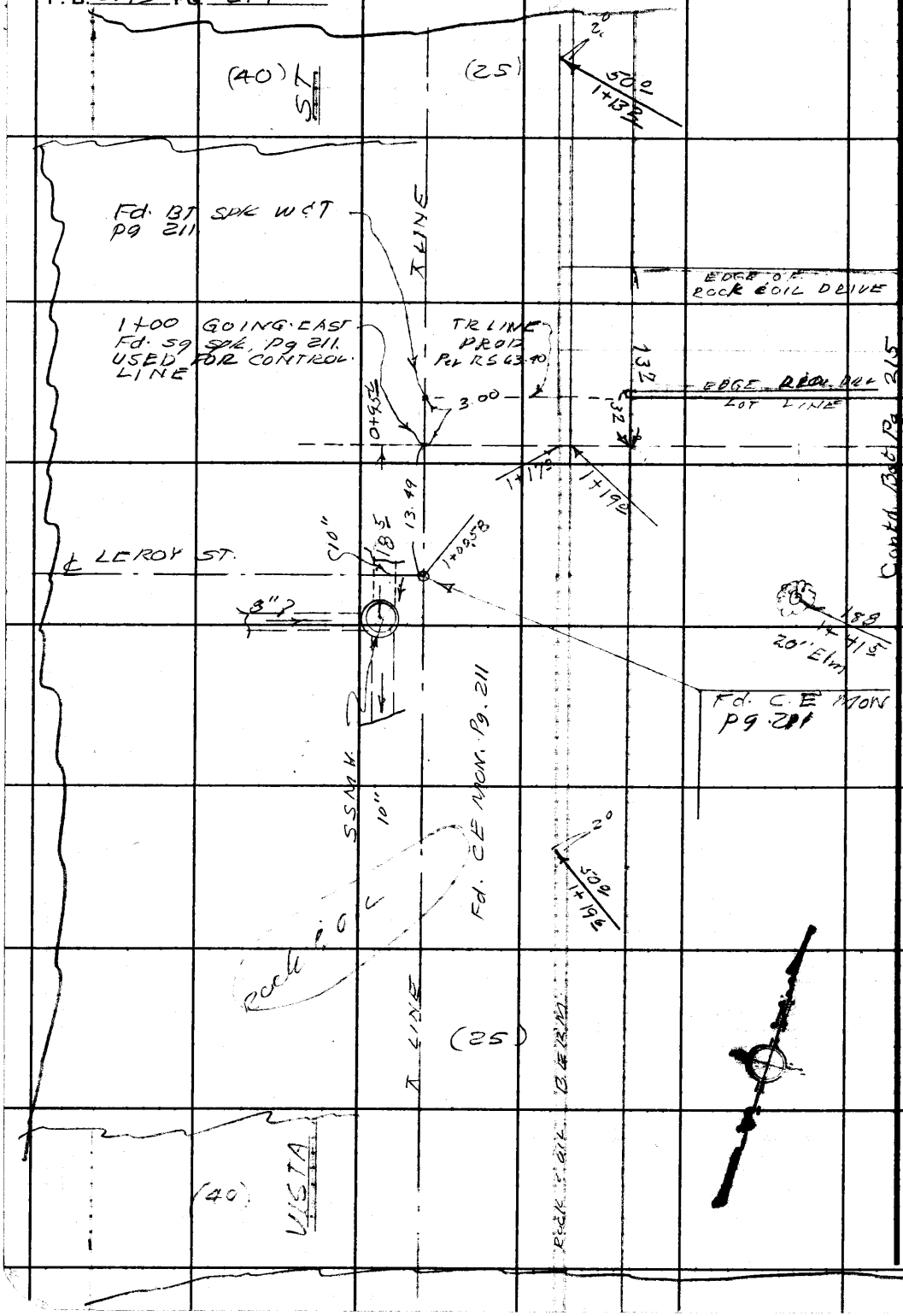
76F3095 CE #310 6/63

F. B. 2193 PG. 214



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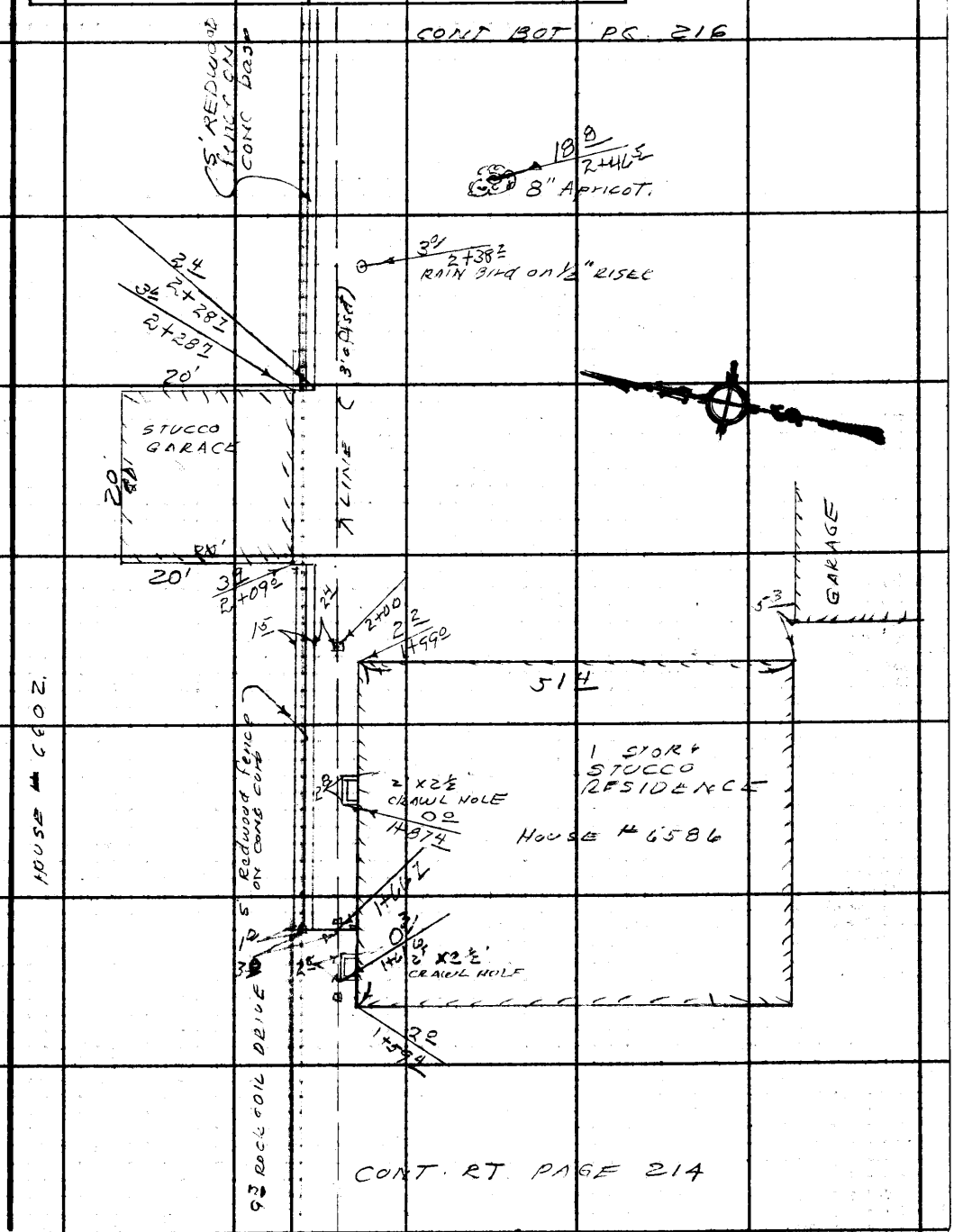
Notes Ck'd by	Survey of KARIN PLACE	F. B. 219 3 PG. 215
Map No.	JN 2933.14 Tape 0199 Std 68°F	
Office Work	Surveyed by J. H. BROWN	
Checked	Notes J. H. B. Date 3-1-67	
Date	Indexed C. J. GALLI	



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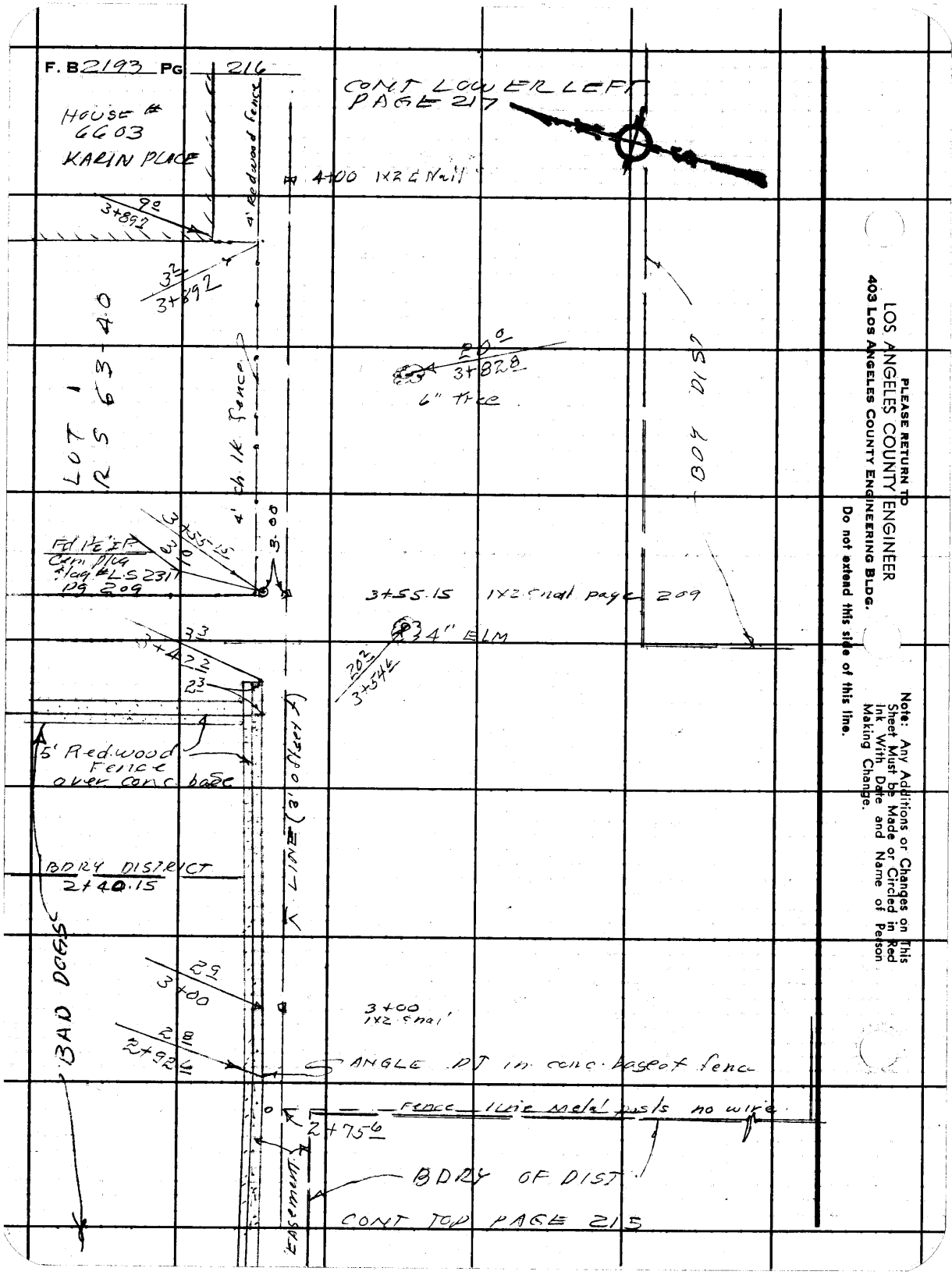
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63



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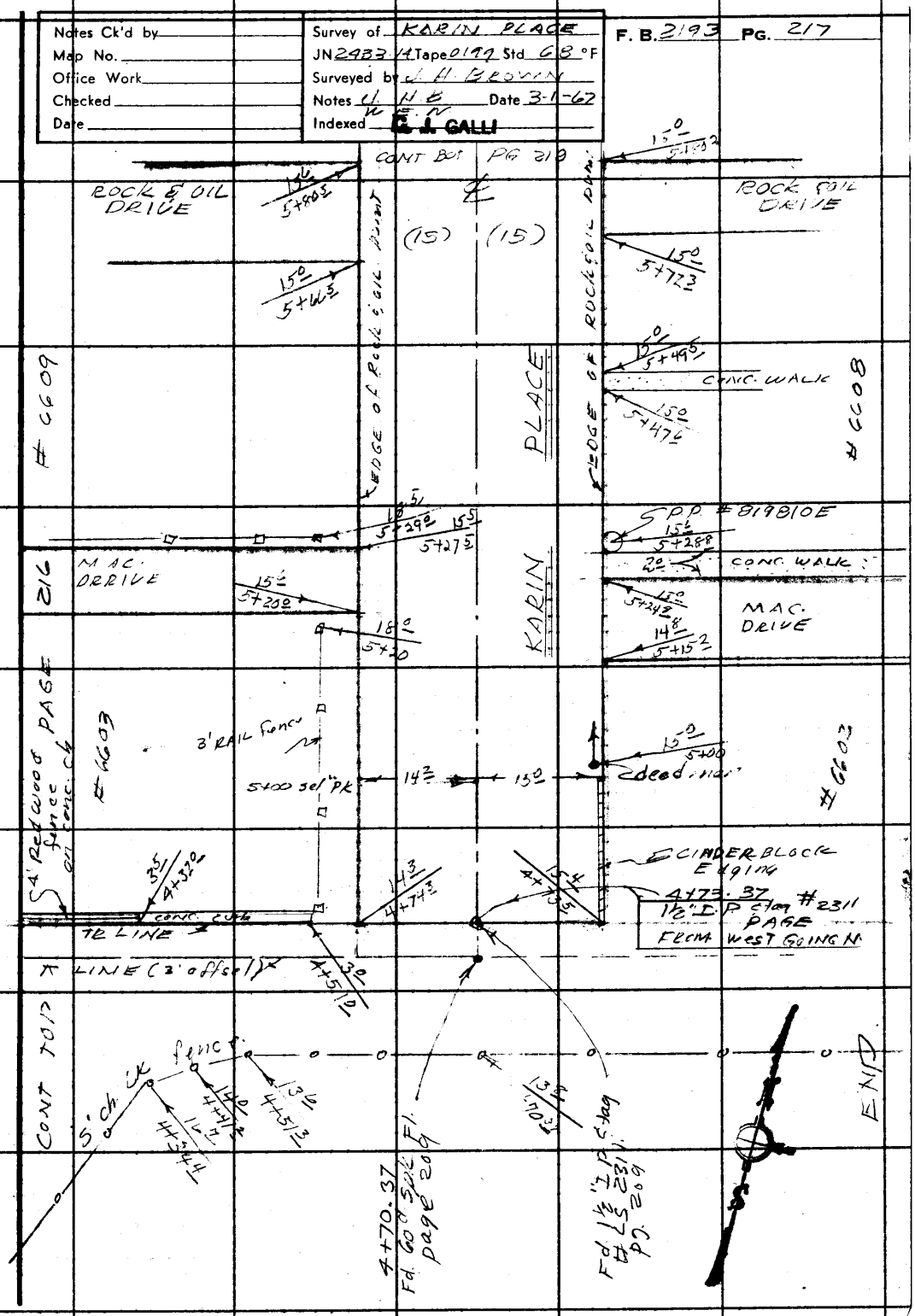
Notes Ck'd by	Survey of KARIN PLACE
Map No.	JN 2983 14 Tape 0199 Std 68 °F
Office Work	Surveyed by L. H. BROWN
Checked	Notes L. H. E. Date 3-1-62
Date	Indexed E. J. GALLI

F. B. 2193 PG. 217



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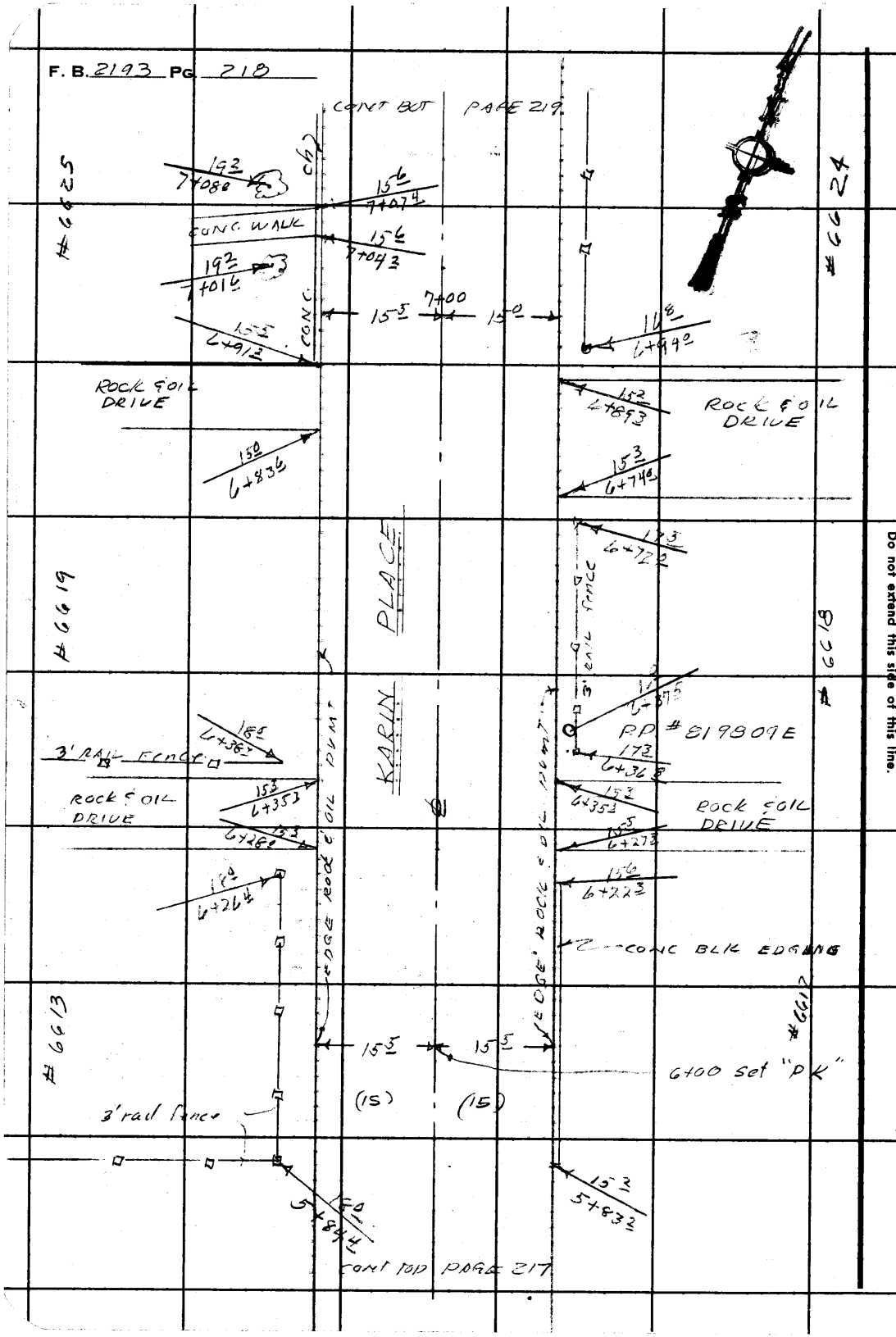
76F3085 CE #310 6/63

F. B. 2193 Pg. 218



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Notes Ck'd by	Survey of KARIN PLACE
Map No.	JN 2433 14 Tape 0199 Std 69 °F
Office Work	Surveyed by J. K. BROWN
Checked	Notes cl 11.13 Date 2-1-67
Date	Indexed G. J. CALLI

F. B. 2193 PG. 219

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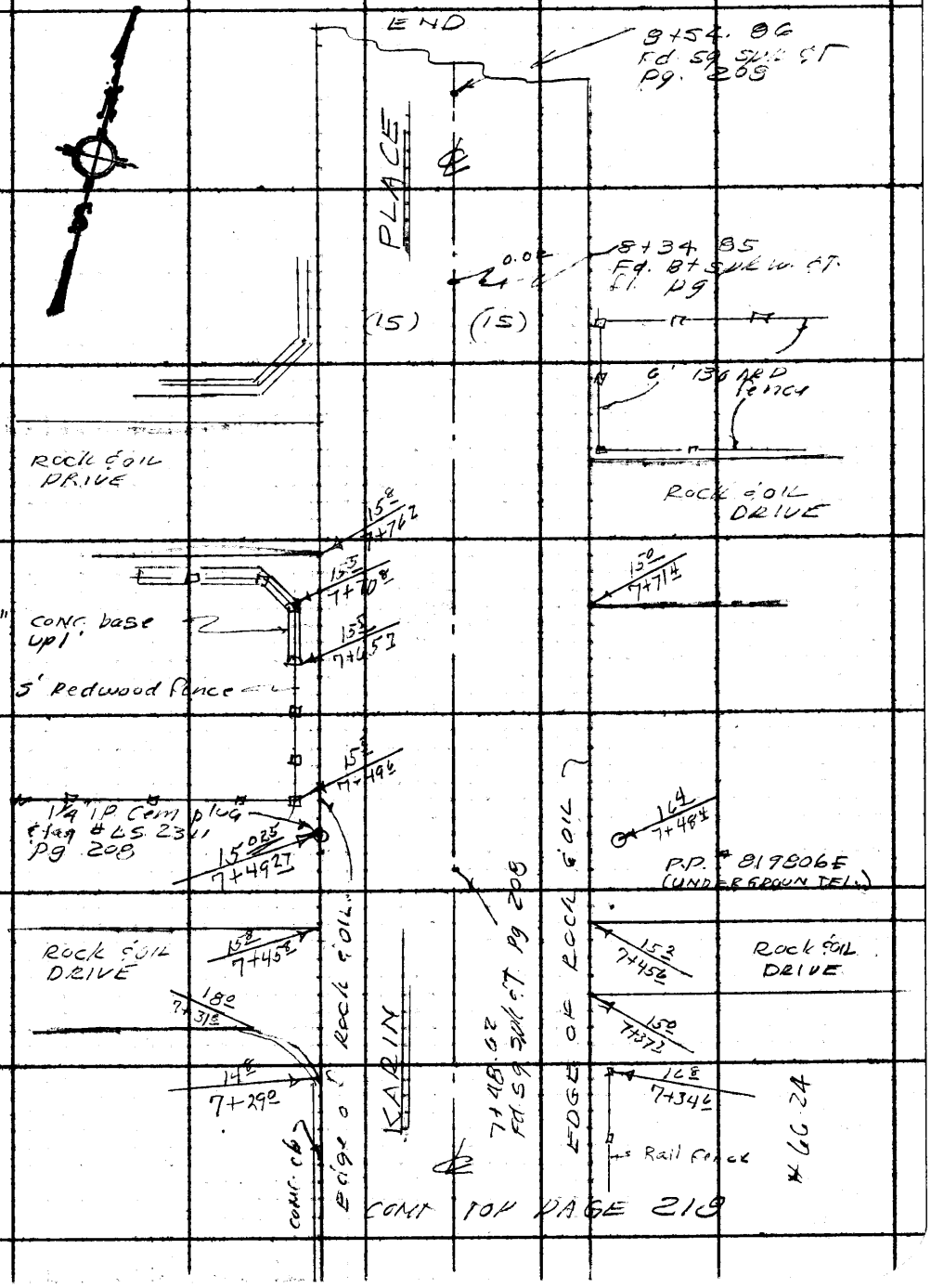

76F3099 CE #310 6-63

F. B. 2193 PG 220

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Profile	Notes Red	Plotted	Job No. 2433.14	Division No. 11	F. B. 3193: 22	Pg.
No.	Date	Date	Survey of Karin Pl. S.C. Dist			
X-Sec.	Notes Chkd.	Checked	Survey by J.H. Brown	Notes W.E.N.	Date 3-1-67	
No.	Date	Date	Map No.	Indexed G. J. GALLI	Date MAR 7 '67	

C. I No 2433.14

CROSS SECTIONS

ON EASEMENT from LEROY ST East

to KARIN PLACE

AND

from ON KARIN PLACE from TR LINE

North to DUARTE RD.

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

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76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
Fd. BM TE 919				503.99	BM TE 919 Elev = 503.988 FB2193-204 E LEROY ST & N. VISTA ST. SW. COR. BT Spk. 6' W. of W. CR.	
0+95.6					S.S.M.H. INLET W RIM 503.03 ROD 8.26 TOP 494.77 DIA 0.67 INVT. 494.10 / INLET N RIM 503.09 ROD 8.27 TOP 494.72 DIA 0.84 INVT 493.88	S.Sd.C. Avg Rim OUTLET S. RIM 503.04 ROD 8.48 TOP 494.56 DIA 0.84 INVT. 493.72
0+97.9				504.27	50° pumt.	
1+00				503.49		⊻
1+02.1				502.57		50°
1+08.5				503.38		⊻
1+13.2			LENKER ROD	503.76	50° pumt (Gut)	
1+17.0				503.00		⊻ (Gut)
1+19.0				503.84		⊻ (top berm)
1+19.6				502.21		50° pumt (Gut)
1+25				504.0		⊻ (P/L) dirt.
				503.86	3.7 edge R to DRIVE	

F.B. 2193 PG. 222 Job No. 2433.14 Division No. 11 Notes Red Plotted Profile
Survey of Karin Ph. S.S. Dist. Date Date No.
Survey by S.H. Brown Notes Newman Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+25				504 00	13' N edge drive	
1+50				504 0		
1+63				504 3		
				504 39		0.3 top conc. wall
				502 84		1.0 bottom CRAWL HOLE
1+66				504 3		
				504 13	4 MACADAM DRIVE	
				504 16	14 " "	
2+ 00	⊙			504 17		
				504 0		3 dirt.
				503 8		10 "
				504 3	24 dirt	
				504 42	2.6 top conc. ch.	
2+50				503 2		
3+00				502 9		
				501 8		70 dirt
				503 1	2.9 dirt	
3+50				502 4		
				502 6	10 dirt (alley ??)	
				503 0	50'	
T.P.				502 08		

Profile Notes Red ____ Plotted ____ Job No. 2433.14 Division No. 11 F.B. 2893 Pg. 223
No. ____ Date ____ Date ____ Survey of Marin Pk S.S. Dist.
X-Sec. Notes Chkd. ____ Checked ____ Survey by J. H. Brown Notes W.E.N. Date 3-1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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BM 503.30

STATION	B.S.	H.I.	F.S.	ELEV.		
3+55.15				502 25	3.00 1½" I.P. & tag.	
4+00				501 7		℄
				501 7		10 DIRT
				502 0	3° dirt	
4+50				501 4		℄
4+70.37	⊙			501 01		T/L W. Spk. & Tin
				501 4		13 ℄
4+71				501 2		15
				502 0		35
				502 2		100
BM TE 443 (4+73.37)					BM. TE 443 Elev = 500.797 FB2193-204. KARIN PLACE S. end @ INTS ℄ & TR LINE 1½" I.P. cem plug & tag #2311. DN 6"	
4+74				501 31		℄
				501 16		7 ¼ w.
				501 07		13 Flow line
				501 39		15 4 EDGE
				501 6		16 P/L
				501 36	7 ¼ w.	
				501 25	13' Flow line	
				501 30	14 3 EDGE	
				501 7	15. P/L.	

F.B. 2193 Pg. 224
Survey of Karin Pl. S.S. Dist. Job No. 2433.14 Division No. 11 Notes Red Plotted Profile
Survey by J.H. Brown Notes Newman Date Date No. X-Sec.
Indexed C. J. GALLI Date Notes Chkd. Checked Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
5+00				501 59		⊻
				501 50		7
				501 49		13 Flowline
				501 79		15 EDGE PVMT
				502 0		16° dirt
				501 57	7	
				501 53	13 Flow line	
				501 60	15 EDGE PVMT	
				501 9	16° DIRT	
5+50				502 39		⊻
6+00	①			503 16		⊻
				503 08		7
				502 93		13 FLOW LINE
				503 14		15.5 EDGE PVMT
				503 7		16° DIRT
				503 19	7	
				503 12	13 Flow line	
				503 28	15.5 EDGE PVMT	
				503 2	16° DIRT	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2433.14 Division No. 11 F.B. 2193 Pg. 225
Date ____ Date ____ Survey of Katin Pl. S.S. Dist.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.H. Brown Notes W.E.K. Date 3-1-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-208 CE 307 2-63

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F.B. 2193 Pg. 226 Profile No. X-Sec. No.

Survey of Karin Pl. S.S. Dist. Plotted Date

Survey by J.H. Brown Notes Newman Checked Date

Indexed C. J. GALLI Date Notes Chkd. Date

Job No. 2433.14 Division No. 11 Notes Red Date

STATION	B.S.	H.I.	F.S.	ELEV.		
6+40.				503.63		
				503.7		16 DIRT
				505.3		115 BACK LOT LIN
				503.9	16 DIRT.	
				504.7	115 BACK LOT. LINE	
7+00				504.45		
				504.36		7 ¼ W
				504.21		13 FL. LINE
				504.56		15 EDGE PVMT
				505.0		16 DIRT
				504.48	7 ¼ W	
				504.40	13 FL. LINE	
				504.51	18 EDGE PVMT	
				504.80	15 Top cb	
				504.9	16 DIRT	
7+50				505.18		
9+00	⊙			506.37		
				506.22		7
				506.09		13 Fl. Line
				506.23		15 edge pvmt

76-L-298 CE 307 2-65

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STATION	B. S.	H. I.	F. S.	ELEV.		
8+00						
				506 35	7	1/w
				506 17	13	Flow line
				506 25	15	Edge pvmt.
8+34.85				508 18		℄ Bt spk w ST
8+54.86				510 19		℄ sq spk w. & T.
BM. BG 789				509 29		BM BG 789 (ARCADIA QUAD 1965) Elev = 509.304 (FB. 2193.205 Elev = 509.300). KARIN PLACE & DUARTE RD, SW. COR, Lotk in conc. base of cinder Blk. fence. 1' south of ANGLE POINT IN fence.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2433.14 Division No. 11 F.B. 2193 Pg. 227
Date ____ Date ____ Survey of Karin Pl. S.S. Dist.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.H. Brown Notes W.E.N. Date 3-1-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2193 Pg. 228 Job No. Division No. Notes Red Plotted

Survey of Date Date

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date