Notes Ck'd by _____ Survey of _____ F.B. 3380 Pg. _____

Office Work _____ Surveyed by _____

Notes _____ Date _____

Indexed _____

Sta.	Job	Description
		S.D.Proj. # 1271 6012.71
		HACIENDA HEIGHTS AREA
0+20	B.M.	Bench levels - Lines A,B,C & D
21+32	C.L.	C.L. of Line "A" vic. of Los Robles & Turnbull Cn. Rd.
33+46	Topo.	Loc. of improvements Line "A"
47+72	X-Sec.	Line "A"
73+82	C.L.	C.L. Survey - Line "B" vic.of Gale Ave. & Valencia Ave.
83+00	Topo.	Loc. of improv. on the above
101+38	X-Sec.	on the above
114+46	C.L.	survey of Line "C" vic. Palm Ave. & Turnbull Cn. Rd.
134+54	Topo.	Loc. of improv. on the above "C"
155+70	X-Sec.	Line "C"
174+80	C.L.	Survey - Line "D" vic. of Vallecito & Turnbull Cn. Rd.
184+92	Topo.	Loc. of improv. Line "D"
193+10	X-Sec.	Line "D"

Finished March 85

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 this side of this line.

F. B. _____ Pg. _____

NOTES RED _____ JOB NO. 6012.71 SURVEY OF S.D. Project #1271

DATE _____ SURVEY BY F E Brooks

[redacted] NOTES BY [redacted] DATE [redacted]

DATE 9-17-71 INDEXED T. M. PALMER DATE [redacted]

F. B. 3380 PG. 5

DESCRIPTION	SN 6012.71 STORM DRAIN PROJECT No 1271 - BENCH LEVELS LINES A-B-C-D
ADJ. ELEV.	
3RD RUN	Notes CHECKED BY DOUBLE RECORDING
2ND RUN	
DIFF.	
1ST RUN	F E Brooks G O Guizado R A Moore T Ohioshi
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.

76S420 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
BM 38-13A	332.722				~~332.868~~	BM 38-13A Elev. 332.722 F.B. 2888-167
+	4.403		4.348			Hacienda Blvd and Gale Ave S.E Cor.
π	337.125	-1.652	-1.654			A LA Co Engr brass Cap set in
−	6.055		6.002			the N.E Cor of S.D.C.B.
TP 1	331.070					
+	3.864		3.824			
π	334.934	-1.022	-1.021			
−	4.886		4.845			
TP 2	330.048					Hold field elevations, so as
+	4.004		3.961			to remain on 1966 DATUM
π	334.052	-1.115	-1.113			(FB 3373 p13)
−	5.119		5.074			9 OCT 73 REH
TP 3	328.933					
+	3.977		3.949			
π	332.910	-0.570	-0.570			
−	4.547		4.519			
TP 4	328.363					
+	4.931		4.899			
π	333.294	+0.740	+0.739			
−	4.191		4.160			
TP 5	329.103					
+	4.591		4.561			
π	333.694	-0.459	-0.460			
−	5.050		5.021			
TP 6	328.644					
+	4.238		4.200			
π	332.882	-0.502	-0.502			
−	4.740		4.702			
TP 7	328.142					

JOB NO. 6012.71 SURVEY OF S.D. Project #1271 NOTES RED
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 6 July 71 NOTES CHKD RLS
INDEXED T. M. PALMERI DATE DATE 9-17-71

F.B. ~~3362~~ 3380 PG. 6

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
TP 7	328.142					
+	4.093		4.076			
π	332.235	-0.567	-0.564			
-	4.660		4.640			
TP 8	327.575					
+	4.672		4.655			
π	332.247	-0.101	-0.103			
-	4.773		4.758			
BM S.D. 1155	327.474				~~327.608~~	BM S.D. 1155 Elev. 327.482 F.B. 3[illegible] 17
+	4.658		4.623			Kwis Ave and Gale Ave S.W. Cor
π	332.132	-0.503	-0.502			25.0 ft. S. of S. end C.R. Pk spk in
-	5.161		5.125			lead in N.E. Cor of Catch B[illegible]
TP 9	326.971					
+	4.918		4.903			
π	331.889	+0.507	+0.505			
-	4.411		4.398			
TP 10	327.478					
+	4.794		4.770			
π	332.272	+0.456	+0.458			
-	4.338		4.312			
TP 11	327.934					
+	4.719		4.702			
π	332.653	+0.583	+0.582			
-	4.136		4.120			
TP 12	328.517					
+	3.592		3.566			
π	332.109	-0.912	-0.913			
-	4.504		4.479			
TP 13	327.605					

NOTES RED ____ JOB NO. 6012.71 SURVEY OF S.D. Project [illegible]
DATE ____ SURVEY BY FE [illegible]
NOTES CHKD. [illegible] DATE 6
DATE 9/17/71 INDEXED I. M. PALMERI DATE ____

F.B. 3380 PG. 7

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
TP 13	327.605					
+	4.899		4.850			
⊼	332.504	-0.640	-0.639			
-	5.539		5.489			
TP 14	326.965					
+	4.045		4.001			
⊼	331.010	2.112	-2.110			
-	6.157		6.111			
TP 15	324.853					
+	5.181		5.115			
⊼	330.034	-0.449	-0.446			
-	5.630		5.561			
TP 16	324.404					
+	3.283		3.253			
⊼	327.687	-3.274	-3.272			
-	6.557		6.525			
TP 17	321.130					
+	4.023		4.030			
⊼	325.153	-2.787	-2.785			
-	6.810		6.815			
TP 18	318.343					
+	4.340		4.329			
⊼	322.683	-2.340	-2.342			
-	6.680		6.671			
TP 19	316.003					
+	3.695		3.667			
⊼	319.698	-3.105	-3.104			
-	6.800		6.771			
TP 20	312.898					

JOB NO. 6012.71 SURVEY OF S.D. Project #1271 NOTES RED.
SURVEY BY FEB Brooks DATE
NOTES BY FEB DATE 6 Sept 71 NOTES CHKD. [illegible]
INDEXED T. M. PALMERI DATE DATE 9-7-71

F. B. 3380 PG. 8

769420 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

NOTES RED _____ JOB NO 10761 SURVEY OF S.D. Plat
DATE _____ SURVEY BY EFF 13 Links
DATE 7-17-27 INDEXED T. M. FALMERT DATE
DATE DATE

F.B. 7780 PG. 9

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 20	312.898					
+	3.701		3.727			
=	316.599	-2.382	2.382			
-	6.083		6.109			
BM SD 2039	310.516				~~312.638~~	BM SD 2039 ~~E = 310.638~~
+	4.859		4.914			Turnbull Canyon Rd. and Clark Ave. Int.
=	315.375	-0.070	0.068			PK spk in lead 76± S of S. curb & 2.
-	4.929		4.885			1' W. of N.E. cor of S.D. Cat.
TP 21	310.446					
+	4.781		4.763			
=	315.227	+0.370	0.368			
-	4.411		4.395			
TP 22	310.816					
+	5.303		5.313			
=	316.119	+0.258	+0.258			
-	5.045		5.055			
TP 23	311.074					
+	5.233		5.219			
=	316.307	+0.181	+0.180			
-	5.052		5.039			
BM SD 2040	311.255				~~311.370~~	BM SD 2040 ~~E = 311.370~~
+	6.479		6.463	6.401		Valencia Ave. E. curb.
=	317.734	+2.029	+2.023	+2.027		PK spk in lead in front of house
-	4.450		4.440	4.380		# 810
TP 24	313.284					
+	6.771		6.737			
=	320.055	+3.520	+3.518			
-	3.251		3.219			
BM SD 2041	316.804				~~316.913~~	BM SD 2041 ~Sec Page 10

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.

Do not extend notes this side of this line

JOB NO 6017.71 SURVEY OF S.D. Project #1211 NOTES RED
SURVEY BY FEB Brooks DATE NOTES CHKD. RAS
NOTES BY FEB DATE 2 July 71 DATE 7-12-71
INDEXED L. M. PALMERI DATE

F.B. 3380 Pg. 10

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM S.D. 2041	316.804				~~316.915~~	BM S.D. 2041 ~~E = 316.915~~
+	5.631		5.617			Valencia Ave and Markwood St N.W. Cor.
⊼	322.435	+2.210	+2.217			80'± N. of N end C.R. 9' W. of W. cb.
-	3.415		3.400			P.K. spk in head in walk.
TP 25	319.020					
+	6.021		5.989	5.811		
⊼	325.041	+1.784	+1.789	+1.786		
-	4.237		4.150	4.025		
TP 26	320.804					
+	6.762		6.750			
⊼	327.566	+4.435	+4.439			
-	2.327		2.317			
BM S.D. 2042	325.239				~~325.341~~	BM SD 2042 ~~E = 325.341~~
+	7.010		6.965			Valencia Ave and Gale Ave N.W. Cor.
⊼	332.249	+3.241	+3.244			5' N. of N end C.R. PK spk in head
-	3.769		3.721			
TP 27	328.480					
+	6.770		6.759			
⊼	335.250	+3.379	+3.380			
-	3.391		3.379			
TP 28	331.859					
+	7.143		7.123			
⊼	339.002	+4.294	+4.294			
-	2.849		2.829			
TP 29	336.153					
+	7.361		7.311			
⊼	343.514	+3.239	+3.240			
-	4.122		4.071			
TP 30	339.392					

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

NOTES RED _____ JOB NO. 6011-11 SURVEY OF S.D. 1993
DATE _____ SURVEY BY [redacted] F.B. 3390 Pg. 11
DATE 4-11-11 INDEXED J. M. [redacted] DATE _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 30	339.392					
+	5.580		5.637			
=	344.972	+1.165	1.167			
−	4.415		4.470			
TP 31	340.557					
+	5.720		5.691			
=	346.477	+3.661	+3.661			
−	2.259		2.030			
TP 32	344.218					
+	7.720		7.180	7.671		
=	351.938	+5.251	+5.258	+5.254		
−	2.469		2.522	2.417		
TP 33	349.469					
+	7.517		7.479			
=	356.986	+5.357	+5.356			
−	2.160		2.123			
TP 34	354.826					
+	6.207		6.141			
=	361.033	+2.632	+2.630			
−	3.575		3.511			
BM S.D. 2043	357.458				~~361.561~~	B.M. S.D. 2043 ~~[illegible]~~
+	5.100		5.031			Ninth Ave and Palm Ave NE for
=	362.558	-0.121	-0.121			5' N. of N end C.R. PK spike
−	5.221		5.151			head.
TP 35	357.337					
+	4.955		4.901			
=	362.292	-1.634	-1.632			
−	6.589		6.533			
T.P 36	355.703					

JOB NO. 6012.71 SURVEY OF S.D. Project #1271 NOTES RED
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 8 July 71 NOTES CHKD RGB
INDEXED T. M. PALMERI DATE DATE 9-17-71

F. B. 3380 PG. 12

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
TP 36	355.703					
+	3.401		3.320			
⊼	359.104	-3.292	-3.290			
-	6.693		6.610			
TP 37	352.411					
+	4.350		4.299			
⊼	356.761	-0.950	-0.950			
-	5.300		5.249			
BM SD 2044	351.461				~~351.561~~	BM S.D. 2044 ~~El. 351.561~~
+	4.037		3.995			Palm Ave and Valencia Ave N.E. Cor.
⊼	355.498	-2.273	-2.275			5' E of E end C.R. PK spk in
-	6.310		6.270			lead.
TP 38	349.188					
+	3.603		3.477			
⊼	352.791	-2.248	-2.250			
-	5.851		5.727			
BM SD 2045	346.940				~~347.035~~	BM S.D 2045 ~~El. 347.035~~
+	4.641		4.491			Palm Ave and Turnbull Canyon Rd.
⊼	351.581	-0.332	-0.334			N.W. Cor. 65' ± W. of E. end C.R.
-	4.973		4.825			PK spk in lead S.E. Cor. of S.D. C.B.
BM BG 1617	346.608					BM BG 1617 Elev. 346.701' Rd. Dept Whittier Quad
+	6.040		5.940			Palm Ave and Turnbull Canyon N.W. Cor.
⊼	352.648	+3.753	+3.755			18' W. of W end C.R. L.&T. in cb.
-	2.287		2.185			
TP 39	350.361					
+	6.625		6.580			
⊼	356.986	+3.715	+3.715			
-	2.910		2.865			
TP 40	354.076					

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

NOTES RED _____ JOB NO. 6012.11 SURVEY OF S.D. Engineer II 12/11
DATE _____ SURVEY BY [redacted]
NOTES [redacted] DATE 9-12-11 INDEXED T. M. PALMERI DATE
F. B. 330 PG. 13

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 40	354.076					
+	7.551		7.465			
⏄	361.627	+5.751	+5.750			
−	1.800		1.715			
TP 41	359.827					
+	3.565		3.755			
⏄	363.192	+6.510	+6.510			
−	1.855		1.765			
TP 42	361.337					
+	7.797		7.741	7.900		
⏄	374.134	+5.748	+5.742	+5.749		
−	2.049		1.999	2.151		
TP 43	372.085					
+	7.521		7.650	7.605		
⏄	379.606	+5.471	+5.475	+5.474		
−	2.050		2.175	2.131		
TP 44	377.556					
+	6.017		5.927			
⏄	383.573	+3.517	+3.517			
−	2.500		2.410			
BM SD 2046	381.073				~~381.175~~	BM SD 2046 ~~EL = 381.175~~
+	6.957		6.821	6.721		Turn to N Canyon Rd and Las Robles Ave
⏄	388.030	+3.666	+3.662	+3.664		S.W. Cor. 50' ± W. of W'ly
−	3.291		3.159	3.057		C.R. P/K spike in lead in N. face
TP 45	384.739					of S.D.C.B.
+	6.719		6.663	6.615		
⏄	391.458	+2.168	+2.164	+2.165		
−	4.551		4.499	4.450		
BM SD 2047	386.907				~~387.004~~	BM SD 2047

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.

Do not extend notes this side of this line

JOB NO 6012.71 SURVEY OF S.D. Project #1241 NOTES RED. DATE
SURVEY BY F.E. Brooks NOTES CHKD R.B.S. 5-12-71
NOTES BY F.E.B. DATE 5 July 71
INDEXED T. M. PALMERI DATE

F.B. 3380 Pg. 14

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM SD 2047	386.907				~~382.004~~	BM SD 2047 ~~EL = 382.004~~
+	6.100		6.141			Los Robles Ave and Santa St. N.E. Cor.
=	393.007	+3.065	43.062			4' E. of E and C.R. RK. Spk in
-	3.035		3.079			lead.
TP 46	389.972					
+	7.175		7.227			
=	397.147	+4.026	+4.028			
-	3.149		3.199			
BM SD 2048	393.998				~~394.049~~	BM S.D. 2048 ~~EL = 394.049~~
+	7.283		7.351			Los Robles Ave N. Side at house
=	401.281	+3.768	+3.770			#1504 RK. Spk in lead in
-	3.515		3.581			curb. at driveway.
TP 47	397.766					
+	7.583		7.491			
=	405.349	+5.252	5.250			
-	2.331		2.241			
BM SD 2049	403.018				~~402.118~~	BM SD 2049 ~~EL = 402.118~~
+	3.423		3.361	3.423		Los Robles Ave and Ninth Ave NE Cor.
=	406.441	-4.050	-4.050	-4.050		11' E. of E and C.R. 4' N. of curb.
-	7.473		7.411	7.473		P.K. Spk in lead in S.W. Cor of
TP 48	398.968					4.2' sq conc s/wk. for Rd. Dist.
+	2.935		2.995			M. H.
=	401.903	-4.226	-4.226			
-	7.161		7.221			
TP 49	394.742					
+	3.383		3.410			
=	398.125	-3.666	-3.663			
-	7.049		7.073			
TP 50	391.076					

768420 S & E-353 4-54

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

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

Do not extend notes this side of this line

NOTES RED. JOB NO. SURVEY OF S.D. Proj. #1
DATE SURVEY BY F.F. Brooks
DATE 9-12-77 INDEXED T.M. PALMER DATE
F.B. 33 PG. 15

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 50	391.076					
+	3.491		3.530			
=	394.567	-3.346	-3.344			
-	6.937		6.880			
TP 51	387.730					
+	3.649		3.690	3.729		
=	391.379	-3.481	-3.485	-3.482		
-	7.130		7.175	7.211		
TP 52	384.249					
+	3.035		2.921			
=	387.284	-3.912	-3.912			
-	6.947		6.333			
TP 53	380.337					
+	8.060		8.141			
=	388.397	+6.860	+6.858			
-	1.200		1.283			
TP 54	387.197					
+	8.160		8.243			
=	395.357	+5.311	+5.313			
-	2.849		2.930			
TP 55	392.508					
+	6.373		6.419			
=	398.881	+1.830	+1.830			
-	4.543		4.589			
BM SD 2050	394.338				~~394.440~~	BM SD 2050 ~~[illegible] 394.440~~
+	7.775		7.813			Turnbull Canyon Rd. E side of
=	402.113	+6.075	+6.074			house # 1552 P.K. spk in
-	1.700		1.739			lead in N.W. Co. of S.D. C.B.
BM BG 1601	400.413				~~400.515~~	B.M. BG 1601 ~ See Page 16

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
BM BG 1601	400.413				~~400.515~~	BM BG 1601 Elev. 400.515 - RD Dept Whittier Quad
+	1.721		1.772			Turnbull Canyon Rd N. side at house
⊼	402.134	-3.046	-3.045			#1605 LET in N.W. Cor. of conc
-	4.767		4.817			drive.
TP 56	397.367					
+	9.031		9.117			
⊼	406.398	+6.912	+6.914			
-	2.119		2.203			
TP 57	404.279					
+	7.953		8.081			
⊼	412.232	+5.543	+5.542			
-	2.410		2.539			
TP 58	409.822					
+	4.101		4.205			
⊼	413.923	+0.216	+0.215			
-	3.885		3.990			
BM S.D. 2051	410.038				~~410.111~~	BM S.D. 2051 ~~[illegible]~~
+	6.573		6.649	6.757		Vallecito Dr. S. side at house
⊼	416.611	+1.954	+1.959	+1.957		#1731 PK spk in lead in
-	4.619		4.690	4.800		most W'ly conc drive
TP 59	411.992					
+	7.639		7.710			
⊼	419.637	+5.724	+5.721			
-	1.915		1.989			
TP 60	417.716					
+	6.875		6.761			
⊼	424.591	+1.444	+1.442			
-	5.431		5.319			
BM BG 3160	419.160				~~419.267~~	BM BG 3160 ~ See PAGE 17.

JOB NO. 6012.71 SURVEY OF SD Project #1271 NOTES RED
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE NOTES CHKD RLB
INDEXED T. M. PALMERI DATE DATE 9-13-71

F. B. 3380 PG. 16

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
BM BG 3160	419.160				~~419.267~~	BM BG 3160 Elev 419.267 Rd. Dept White Quad
+	7.059		7.180			Vallecito Dr. and Manzanita Dr.
⊼	426.219	+3.580	+3.581			S.E. Cor. Rd. Dept B.M. Tag 1 ft.
−	3.479		3.599			E. of E end C.R.
TP 51	432.740					
+	6.950		6.991			
⊼	429.690	+5.168	+5.166			
−	1.782		1.825			
TP 52	427.908					
+	7.171		7.320			
⊼	435.079	+3.806	+3.809			
−	3.365		3.511			
BM SD 2052	431.714				~~431.762~~	BM SD 2052 EL = 431.762
+	1.290		1.367			Vallecito Dr. and Las Lomitas
⊼	433.004	−7.301	−7.302			N.E. Cor. 5' N. of N. end C.R.
−	8.591		8.669			PK spk in lead.
TP 53	424.413					
+	3.663		3.702			
⊼	428.076	−3.490	−3.491			
−	7.153		7.193			
TP 54	420.923					
+	1.171		1.215	1.253		
⊼	422.094	−7.694	−7.688	−7.692		
−	8.865		8.903	8.945		
TP 55	413.229					
+	2.940		2.725			
⊼	416.169	−3.879	−3.876			
−	6.819		6.601			
TP 56	409.350					

NOTES RED. ____ JOB NO. [illegible] SURVEY OF [illegible]
DATE ____ SURVEY BY F.F. Brooks
~~NOTES CHECKED~~ ~~[illegible]~~ DATE [illegible]
DATE 9-17-71 INDEXED T. M. PALMERI DATE ____

F.B. 3380 PG. 17

JOB NO. 6012.71 SURVEY OF S.D. Project #1271 NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 8 July 71 NOTES CHKD. RCB
INDEXED T. M. PALMERI DATE DATE 9-17-71

F. B. 3380 PG. 18

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
TP 56	409.350					
+	3.163		3.250			
⊼	412.513	-3.768	3.769			
-	6.931		7.019			
TP 57	405.582					
+	2.433		2.531			
⊼	408.015	-6.218	-6.220			
-	8.651		8.751			
TP 58	399.364					
+	1.470		1.541			
⊼	400.834	-3.617	3.619			
-	5.087		5.160			
BM S.D. 1146	395.747					BM S.D. 1146 Elev. 395.754 F.B. 3373-12
+	3.971		4.100			Blazing Star Dr. E. curb at house
⊼	399.718	-1.844	1.841			# 1804. PK spk in lead. 60'± S.
-	5.815		5.941			of Monzanita Dr.
TP 59	393.903					
+	2.919		2.980			
⊼	396.822	-3.104	-3.105			
-	6.023		6.085			
TP 60	390.799					
+	2.885		2.927			
⊼	393.684	-3.126	3.124			
-	6.011		6.051			
TP 61	387.673					
+	2.050		2.093			
⊼	389.723	-6.541	6.540			
-	8.591		8.633			
TP 62	381.132					

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
TP 62	381.132					
+	6.310		6.375			
T	387.442	+1.883	+1.884			
-	4.427		4.491			
BM S.D. 1148	383.015					BM SD 1148 Elev. 383.017 F.B. 3373-13 Kwis Ave and Kennard St. N.E. 19.5 N. of N end C.R. PK Spk in lead.

NOTES RED. ____ JOB NO. 6012.41 SURVEY OF S.D. Project #1241
DATE ____ SURVEY BY TE Bradle
~~NOTES CHKD.~~ ~~NOTES BY~~ FEB ~~DATE~~ 8 July 66
DATE 9-17-71 INDEXED I. M. PALMERI DATE ____

F.B. 3380 PG. 17

F. B. 7380 Pg. 20

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

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 SURVEYOR

723 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 4-54

Notes Ck'd by W. EDMONDSON	Survey of [illegible]
Map No.	JN 6012.71 Tape 0198 Std 68 °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 8 July 71
Date	Indexed T. M. PALMERI SEP 14 '71

F. B. [illegible] PG. 21

JN 6012.71

STORM DRAIN PROJECT

No 1271

LINE A

CENTERLINE

FE Brooks
GO Guizado
RA Moore

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
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

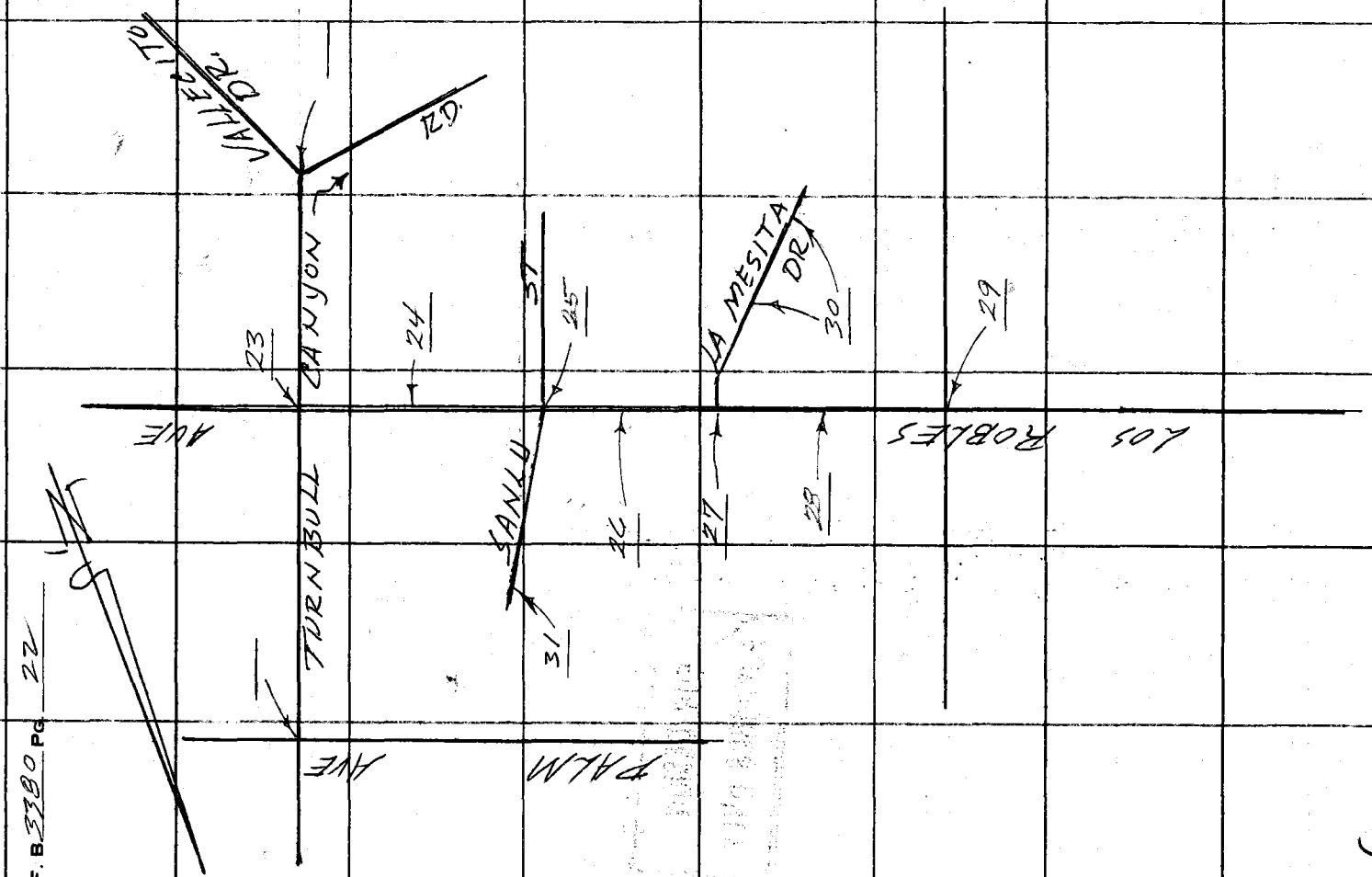
Do not extend this side of this line.

76F309S CE#310 3-69

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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.

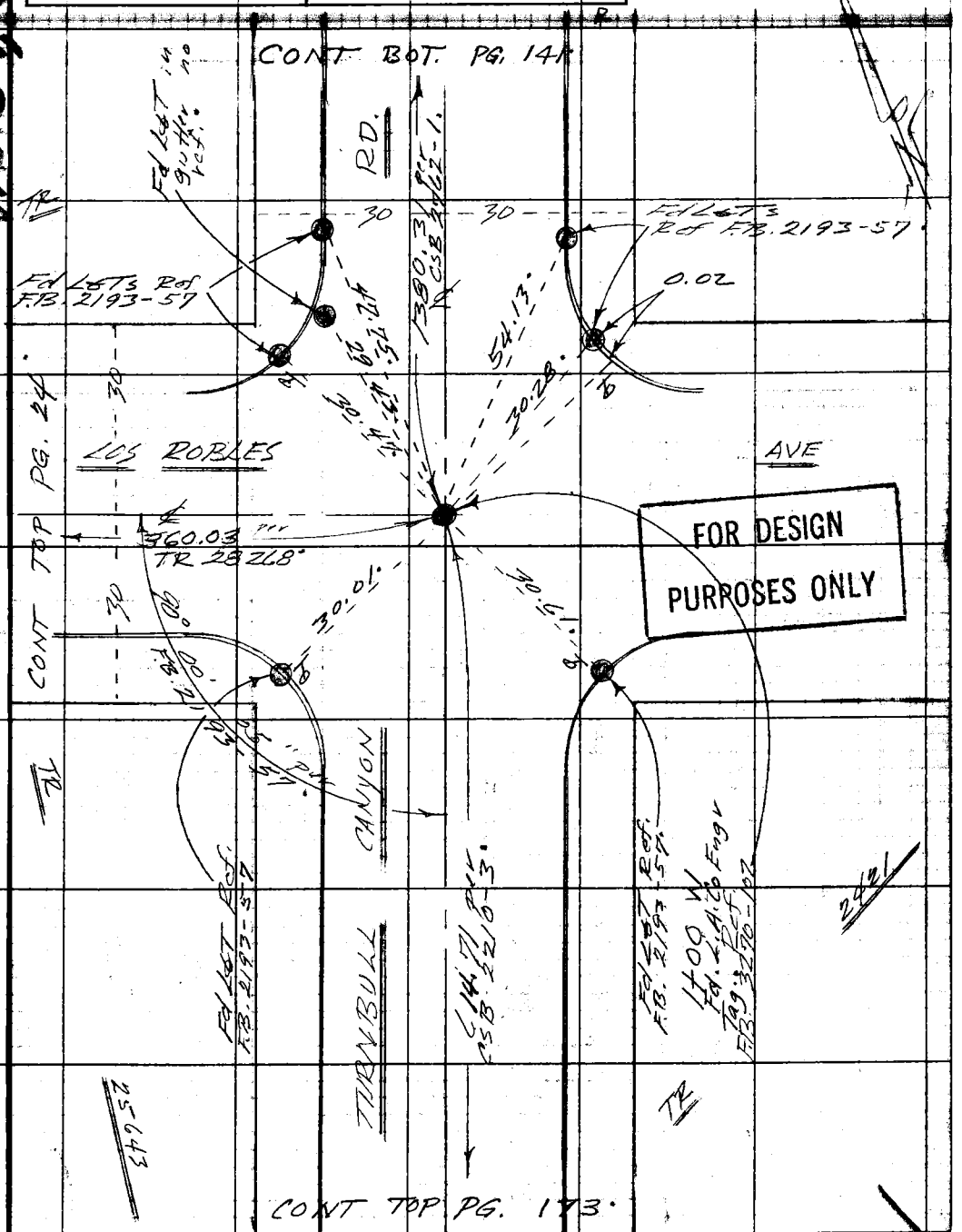
Do not extend this side of this line.



Notes Ck'd by W. EDMONDSON	Survey of [illegible]
Map No.	JN [illegible] Tape [illegible] Std 68 °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes FEB - Guizado Date 2 Aug 71
Date	Indexed T. M. PALMERI

F. B. [illegible] Pg. 23

1953



FOR DESIGN PURPOSES ONLY

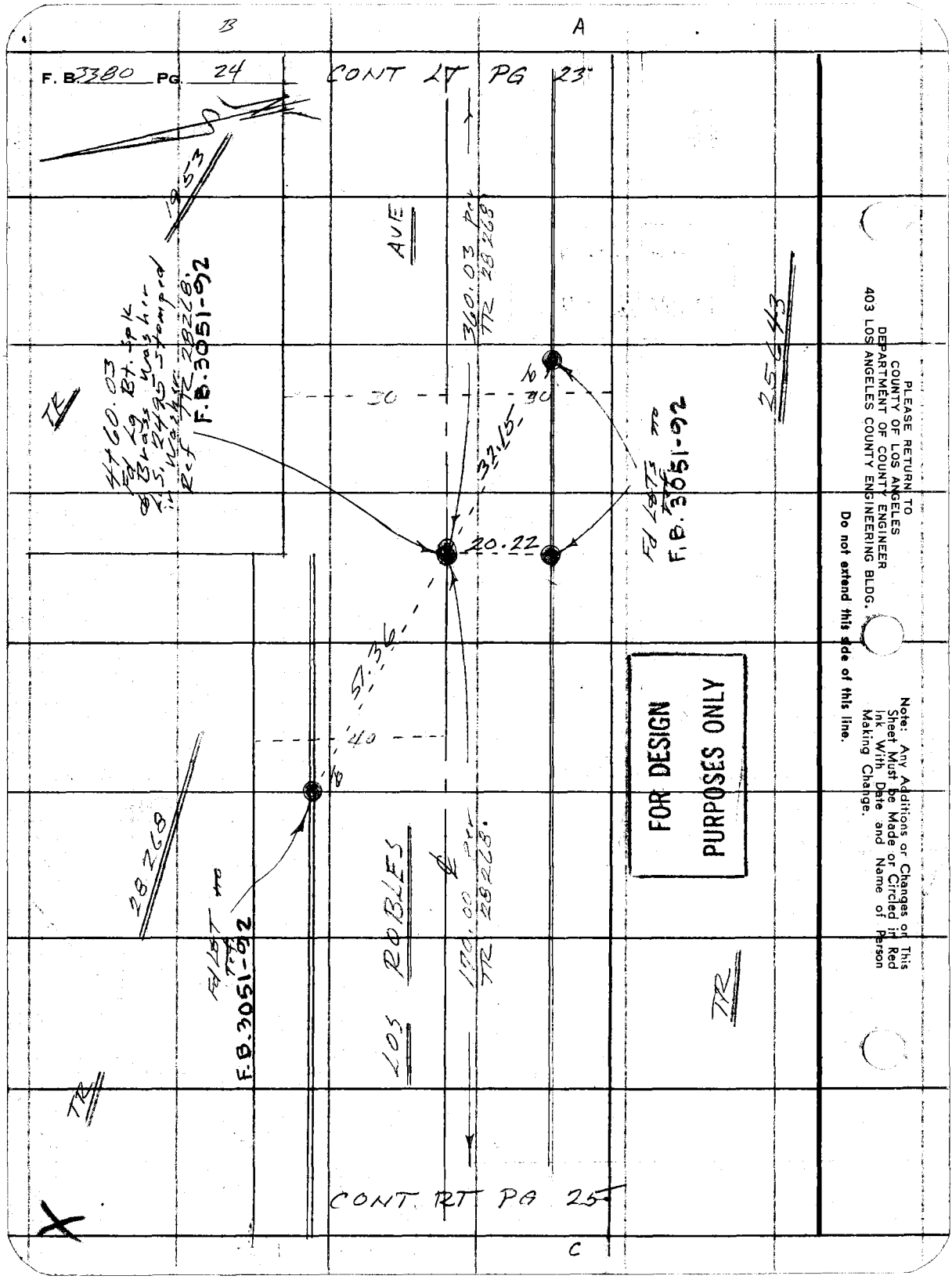
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

A-1

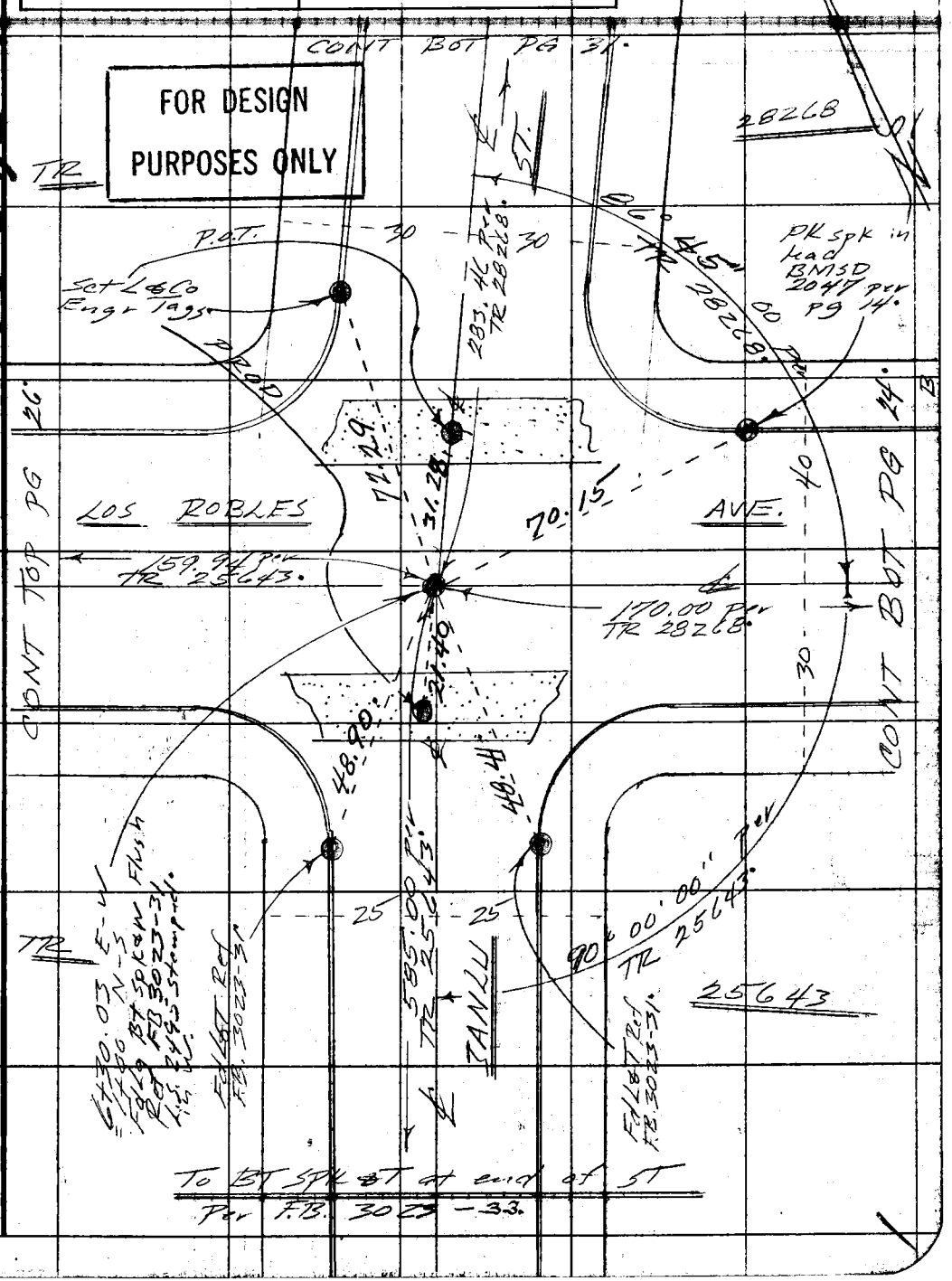


B
A
F. B. 3380 PG. 24
CONT LT PG 23
1953
AVE
360.03 Per TR 28268
4+60.03 Fd Lg Bt. Spk & Brass Washer L.S. 2495 Stamped in Washer Ref TR 28268.
F.B. 3051-92
TR
30
30
32.15
20.22
Fd L&Ts to F.B. 3051-92
25643
57.36
40
28268
Fd L&T to F.B. 3051-92
LOS ROBLES
170.00 Per TR 28268.
TR
TR
CONT RT PG 25
C
FOR DESIGN PURPOSES ONLY
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. EDMONDSON	Survey of [illegible]
Map No.	JN 2012.71 Tape 0190 Std CE °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Gozada Date 2 Aug 71
Date	Indexed T. M. PALMERI

F. B. [illegible] Pg. 25

FOR DESIGN PURPOSES ONLY



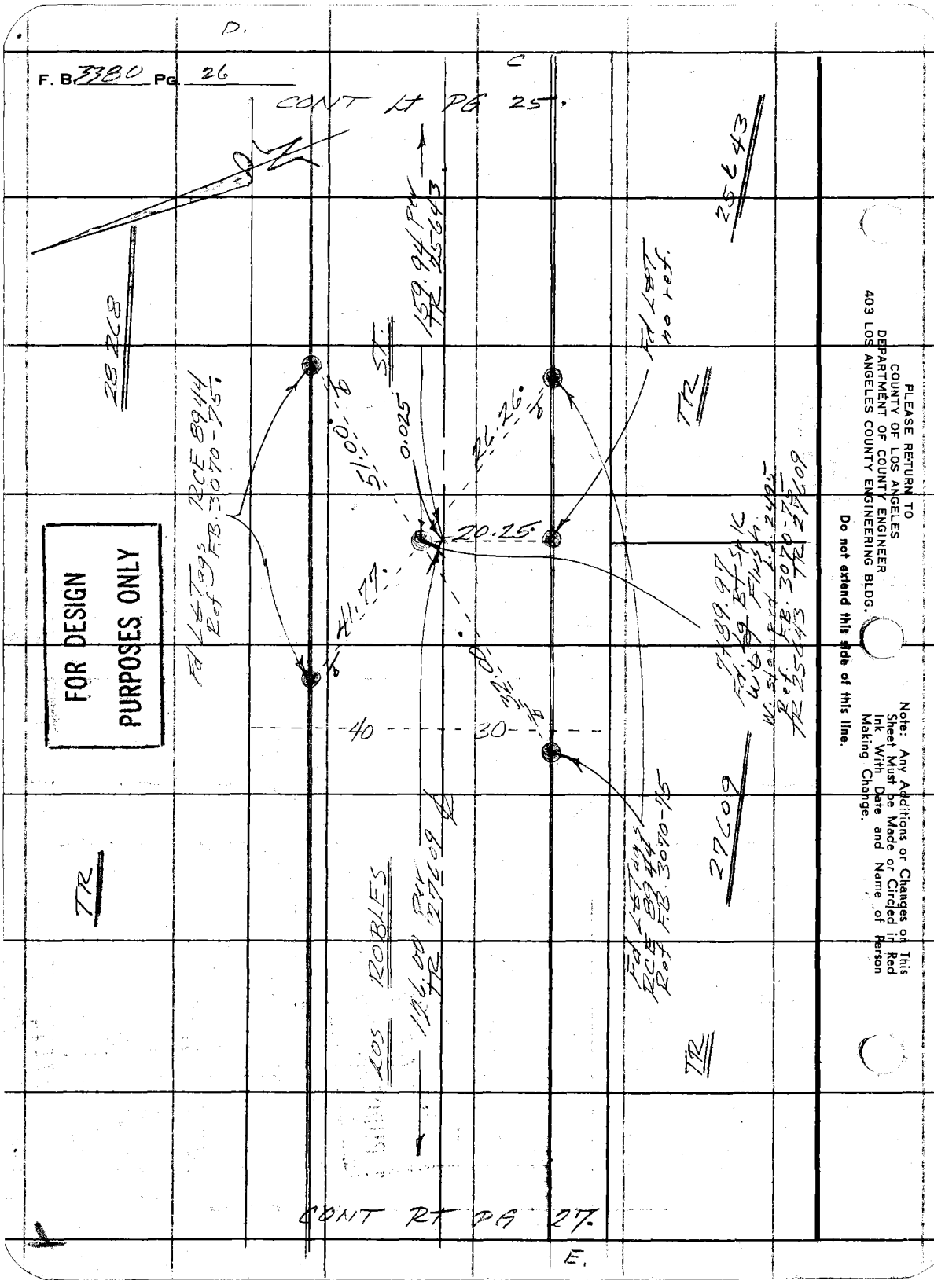
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3380 PG. 26



FOR DESIGN PURPOSES ONLY

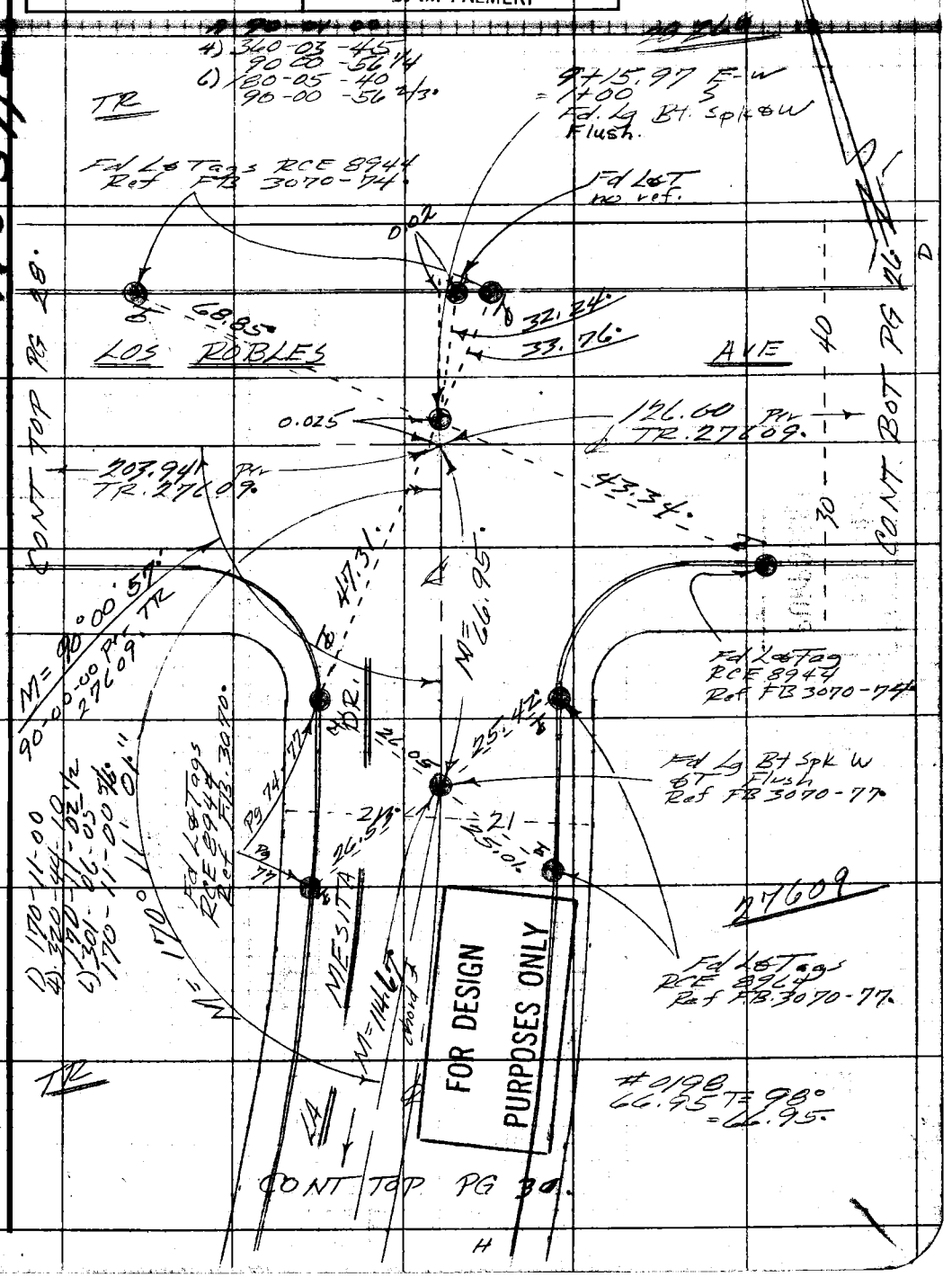
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by W. EDMONDSON	Survey of [illegible]
Map No.	JN [illegible] Tape 0198 Std [illegible]
Office Work	Surveyed by F.F. Brooks
Checked	Notes FEB - Guizado Date 3 Aug 71
Date	Indexed T. M. PALMERI

E. B. [illegible] Pg. [illegible]



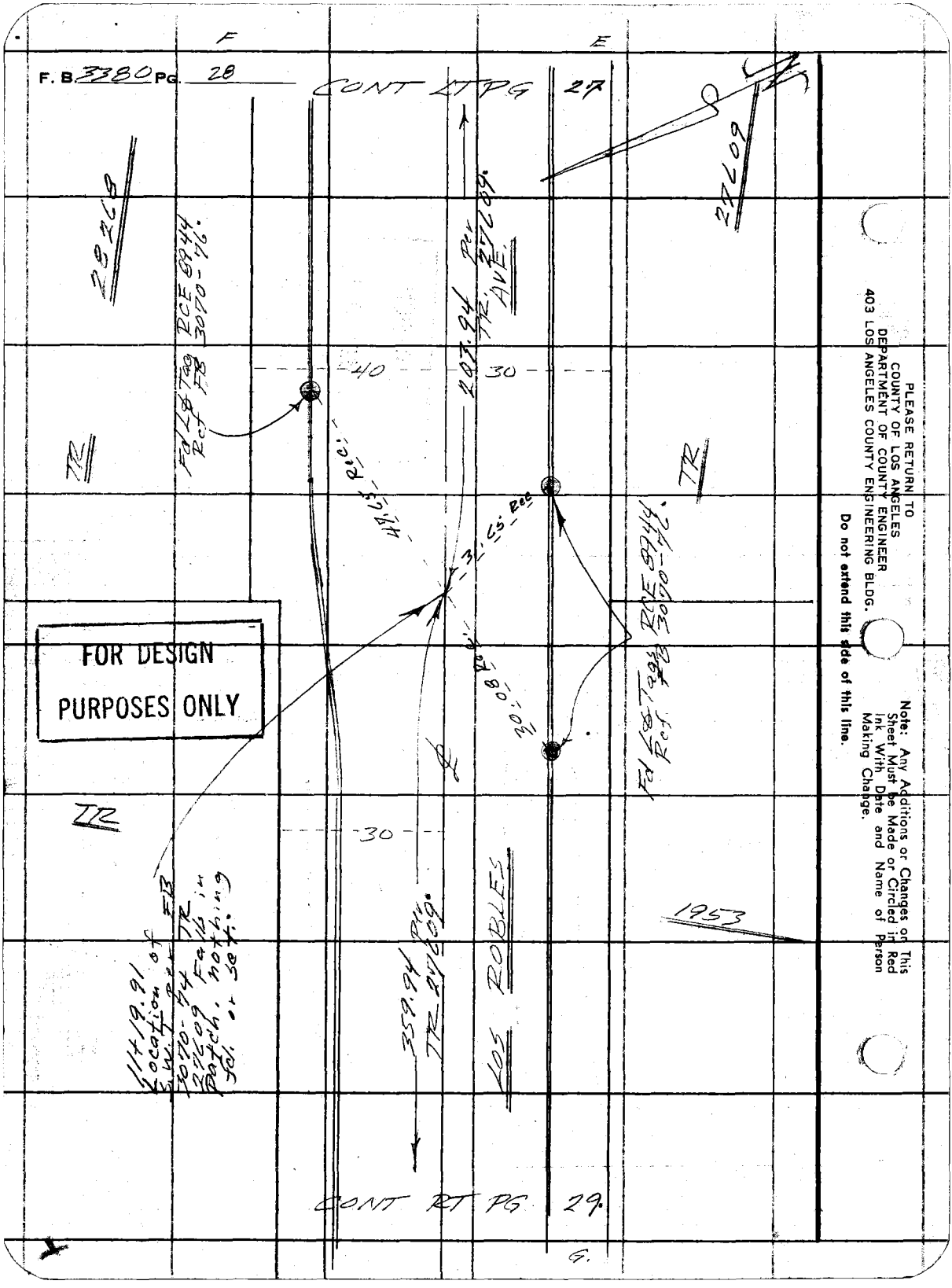
FOR DESIGN PURPOSES ONLY

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

Do not extend this side of this line.

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

76F309S CE#310 3-69



FOR DESIGN PURPOSES ONLY

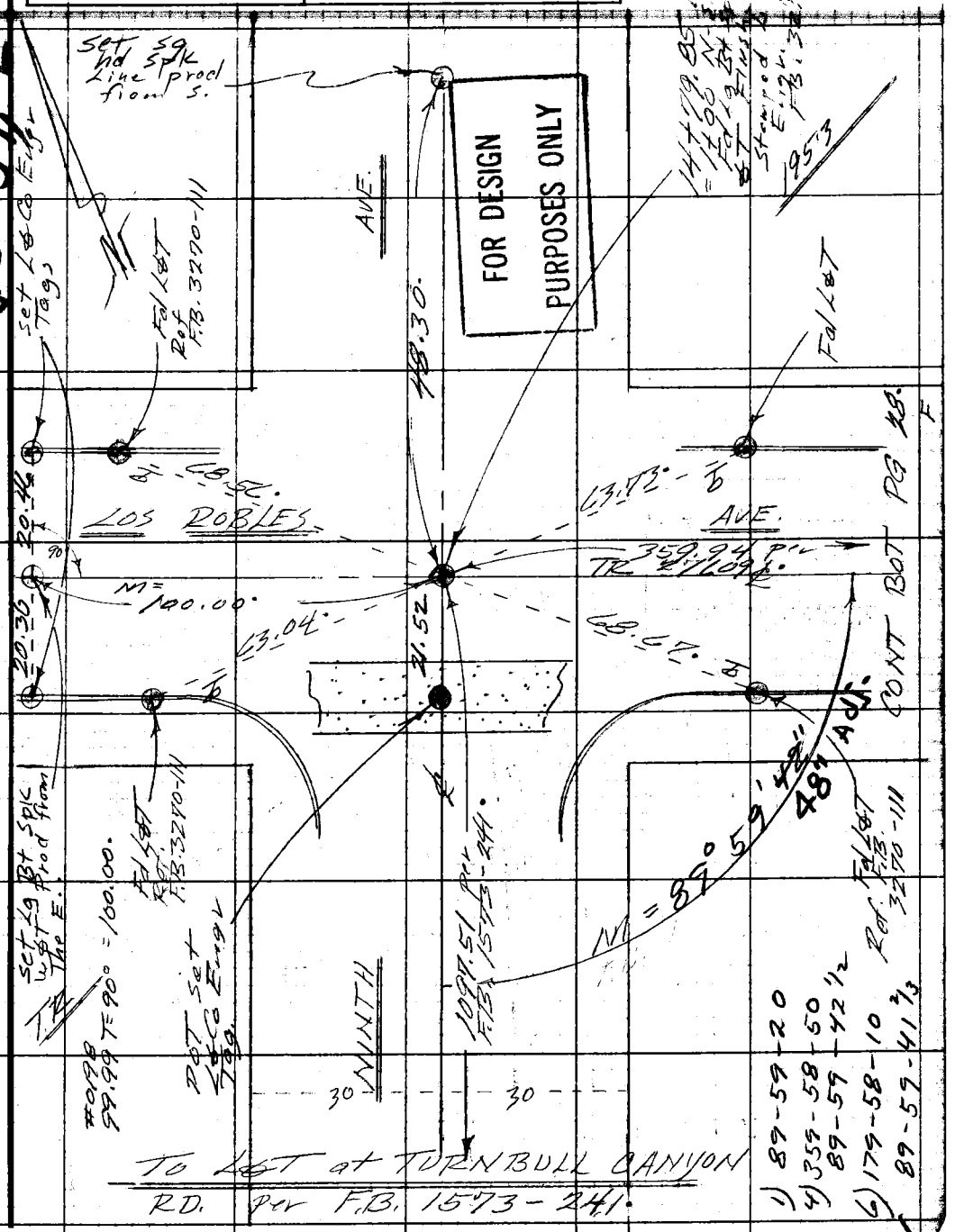
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd W. EDMONDSON	Survey of:
Map No.	JN 1017.71 Tape 0198 Std 68 °F
Office Work	Surveyed by F E Brooks
Checked	Notes FEB-Guizado Date 3 Aug 71
Date	Indexed T. M. PALMERI

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.

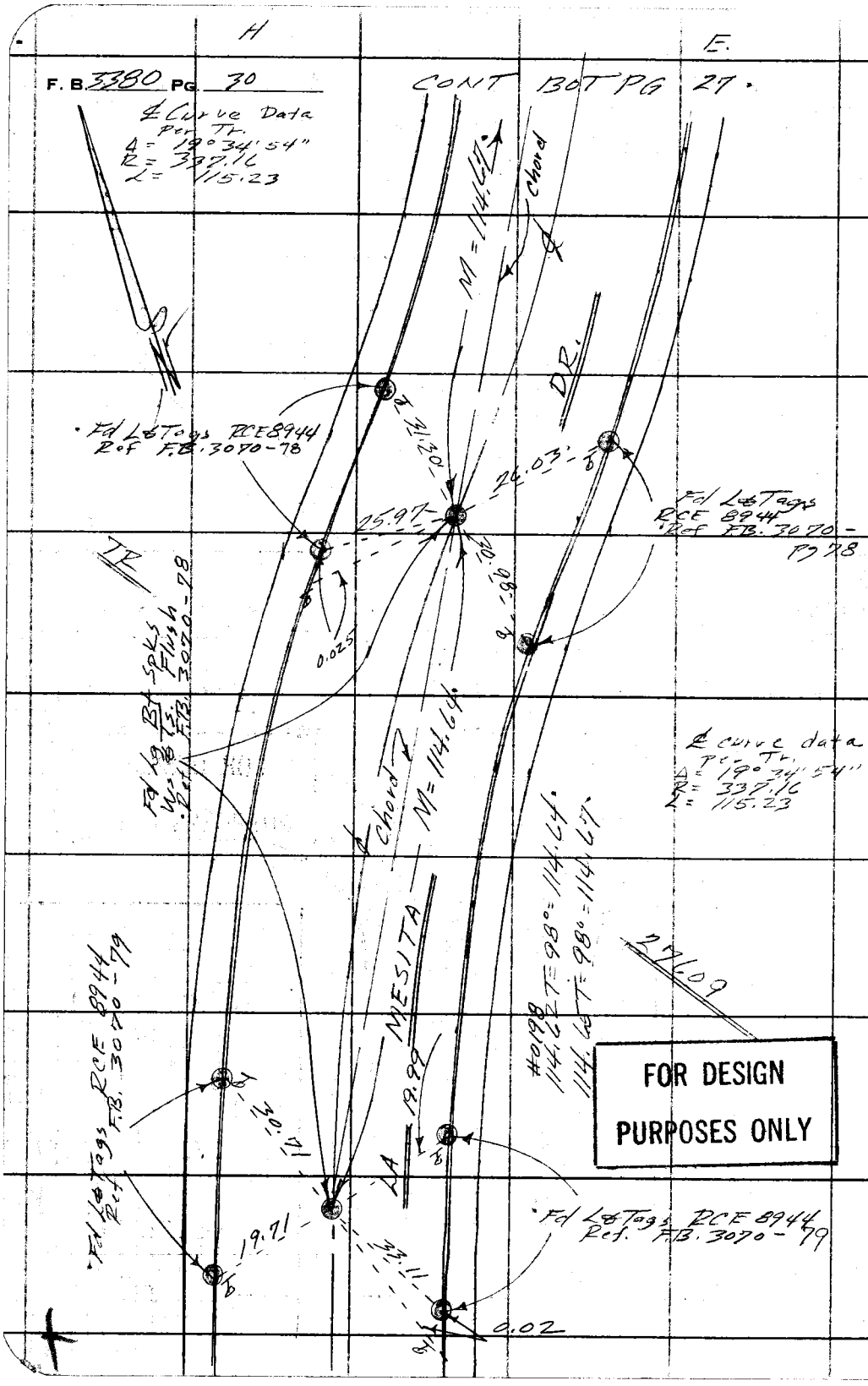
Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3380 PG. 30

CONT BOT PG 27.



FOR DESIGN PURPOSES ONLY

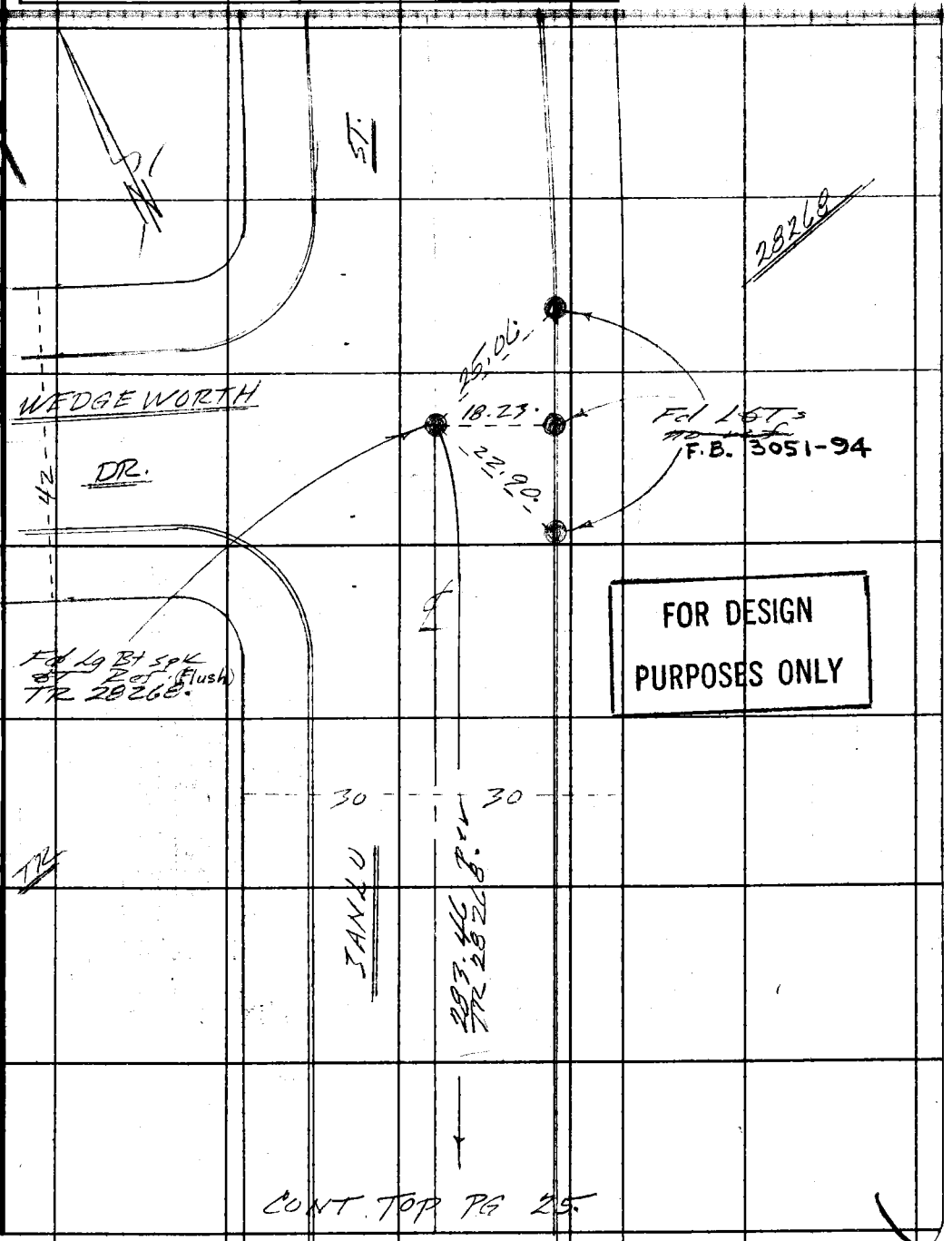
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by W. EDMONDSON	Survey of
Map No.	JN 2012.71 Tape 0140 Std 60 °F
Office Work	Surveyed by F E Brooks
Checked	Notes FEB-Guizado Date 2 Aug 71
Date	Indexed T. M. PALMERI

F. B. Pg.



FOR DESIGN PURPOSES ONLY

CONT. TOP 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.

Do not extend this side of this line.

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

76F309S CE#310 3-69

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 this side of this line.

F. B. 3360 PG. 32

Notes Ck'd by	Survey of
Map No.	JN 6012.71 Tape Std F
Office Work	Surveyed by FF Brooks
Checked	Notes FE Brooks Guizado Date 11 AUG 71
Date	Indexed T. M. PALMERI SEP 14 '71

F. B. Pg.

JN 6012.71

STORM DRAIN PROJECT

NO. 1271

LINE A

LOCATION OF IMPROVEMENTS

FE Brooks
GO Guizado
RA Moore

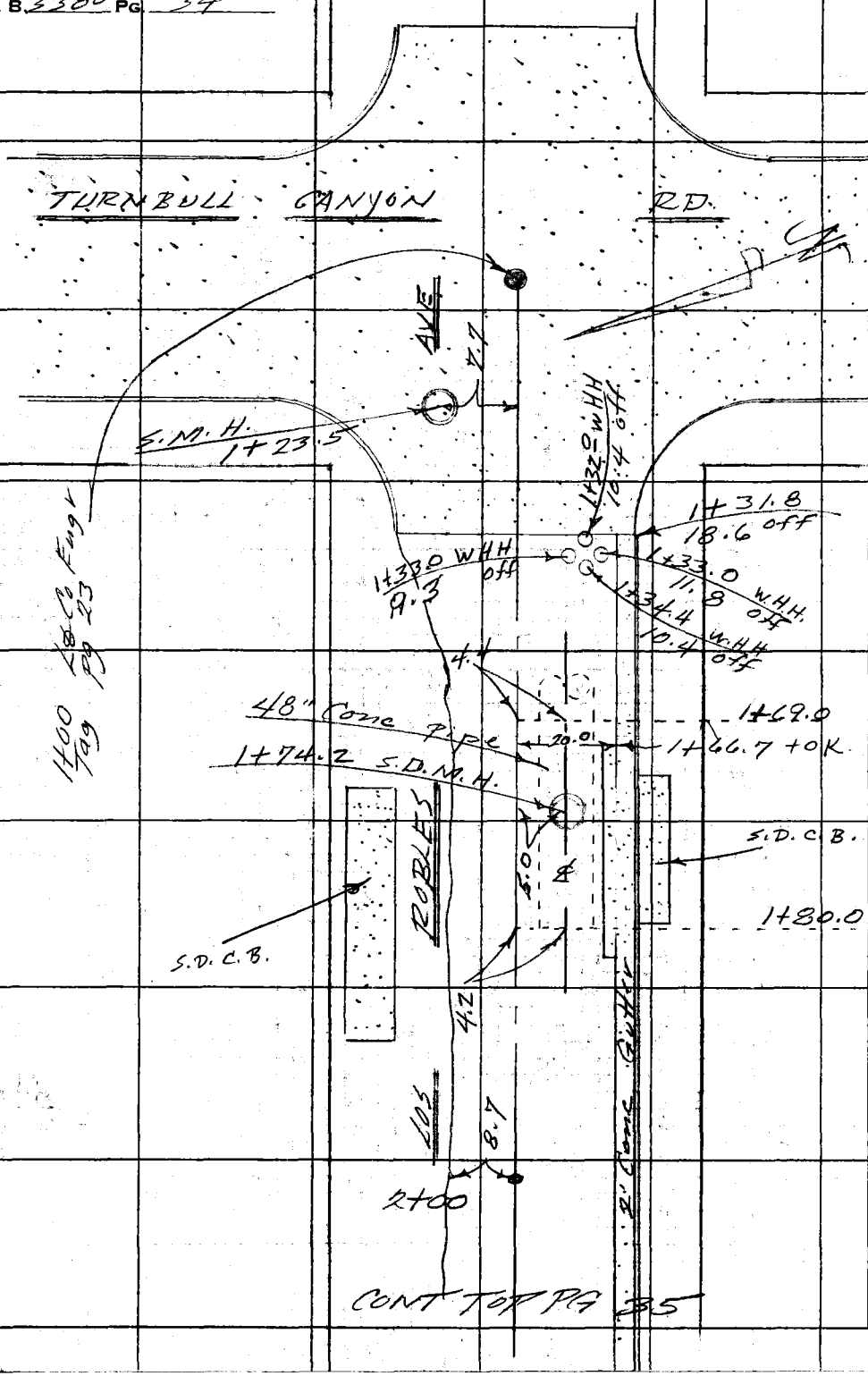
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309s CE#310 3-69

F. B. 3380 PG. 34



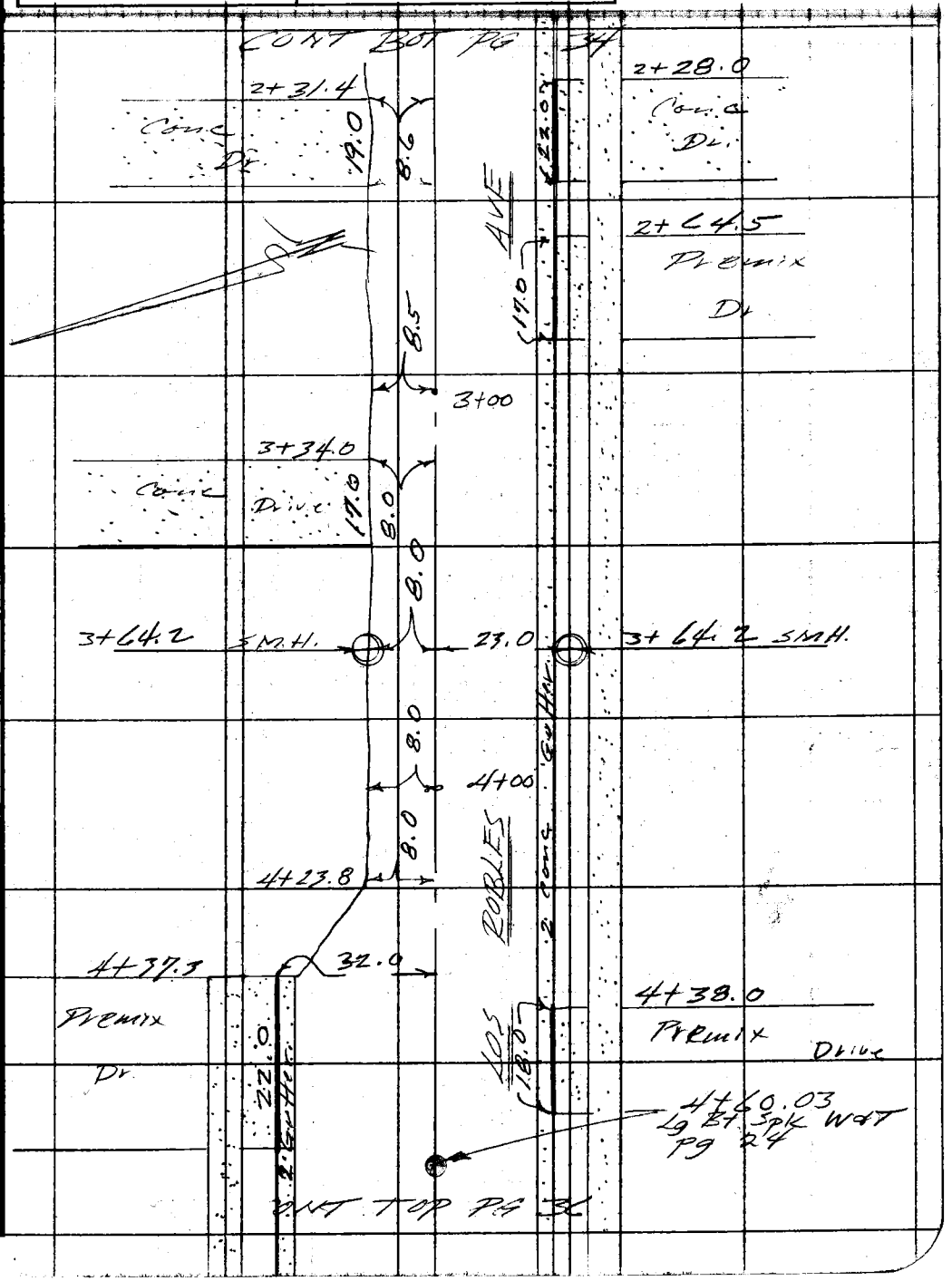
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of [illegible]
Map No.	JN 2012.71 Tape Std °F
Office Work	Surveyed by FT Brooks
Checked	Notes FE 13-Guizada Date 11 Aug 71
Date	Indexed T. M. PALMERI

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



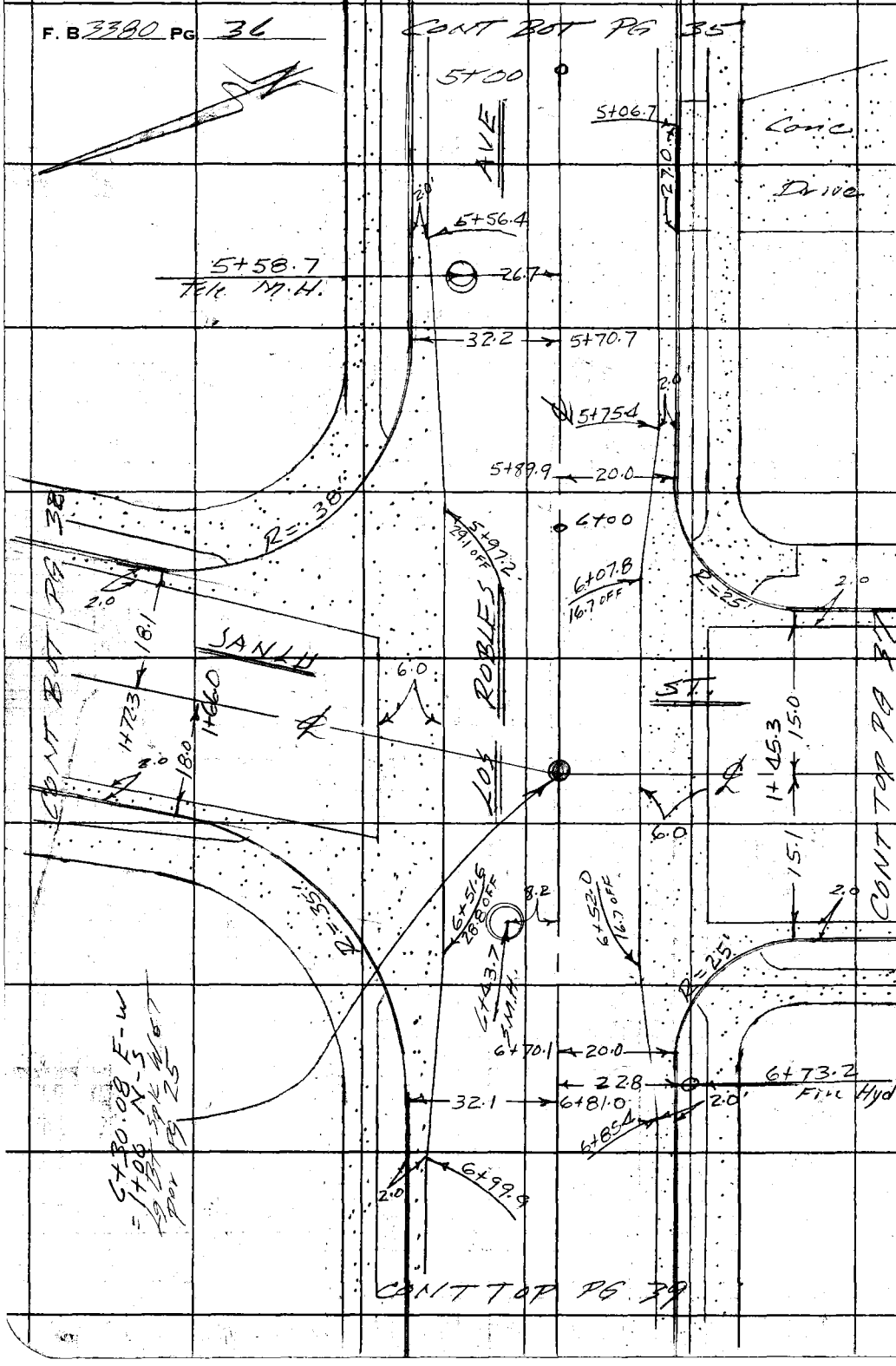
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B 3380 PG 36



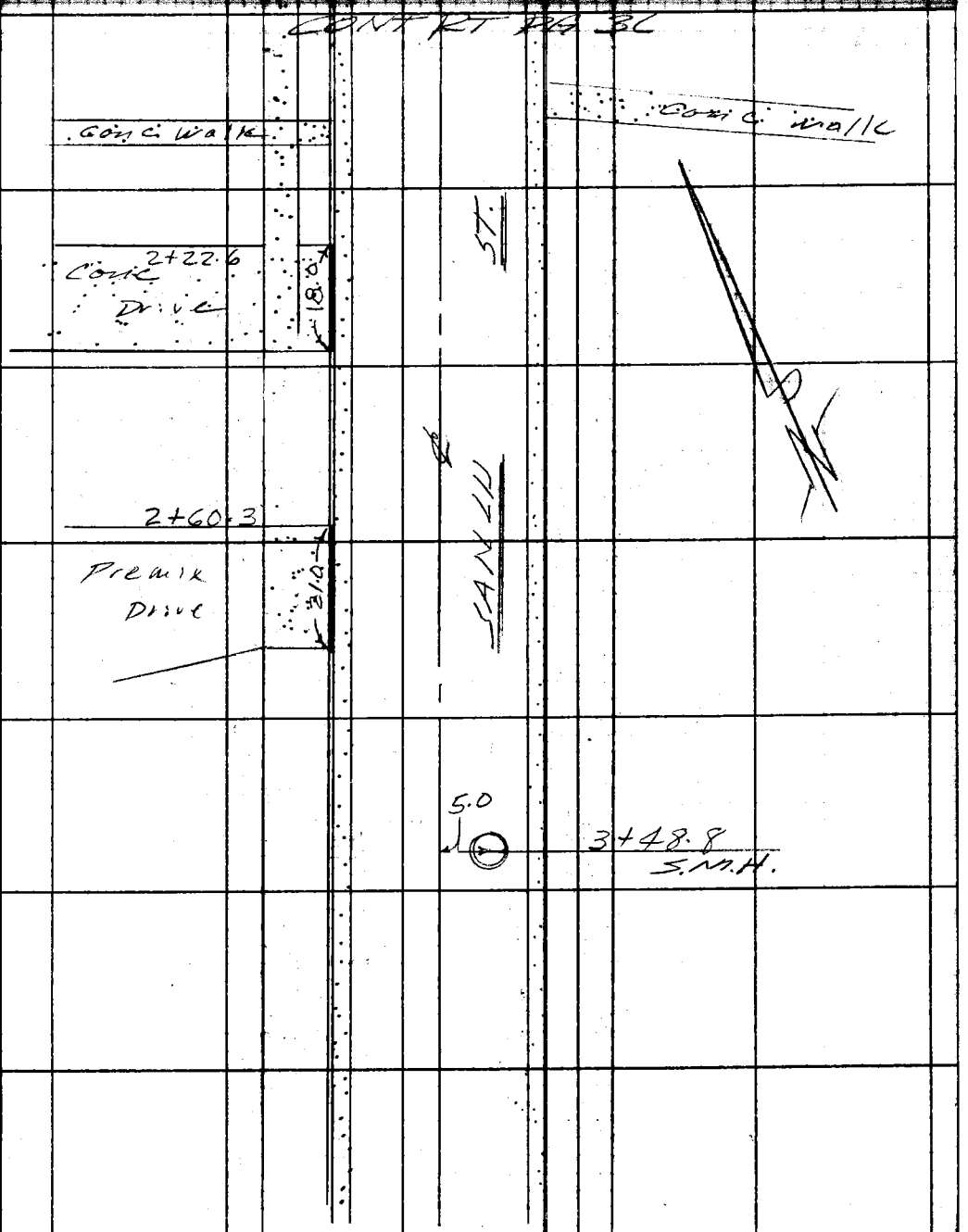
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of [illegible]
Map No.	JN 2012.7A Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes FEB - Guized Date 11 Aug 11
Date	Indexed T. M. PALMERI

E. R. [illegible] Pg. [illegible]



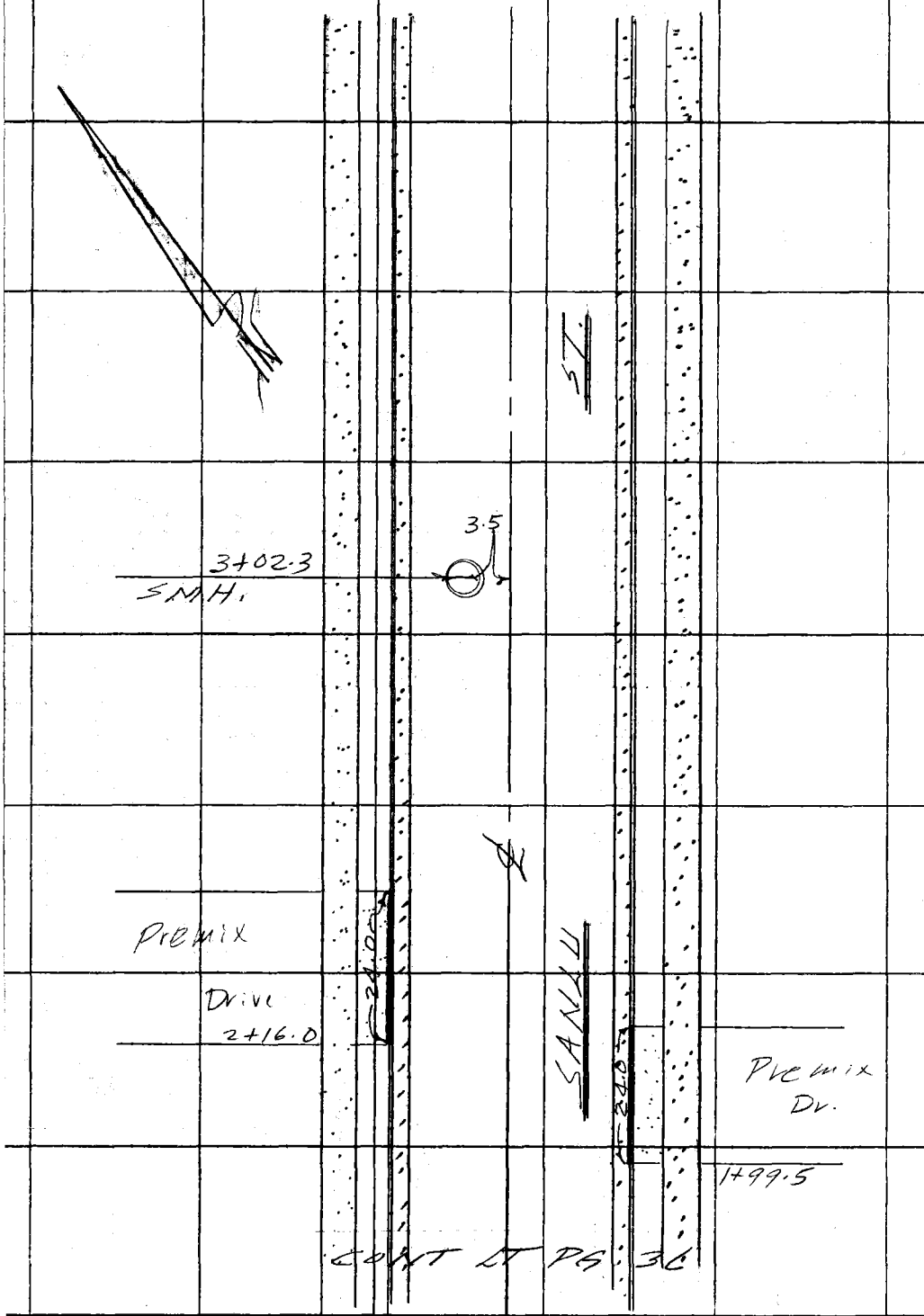
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B 3380 PG 38



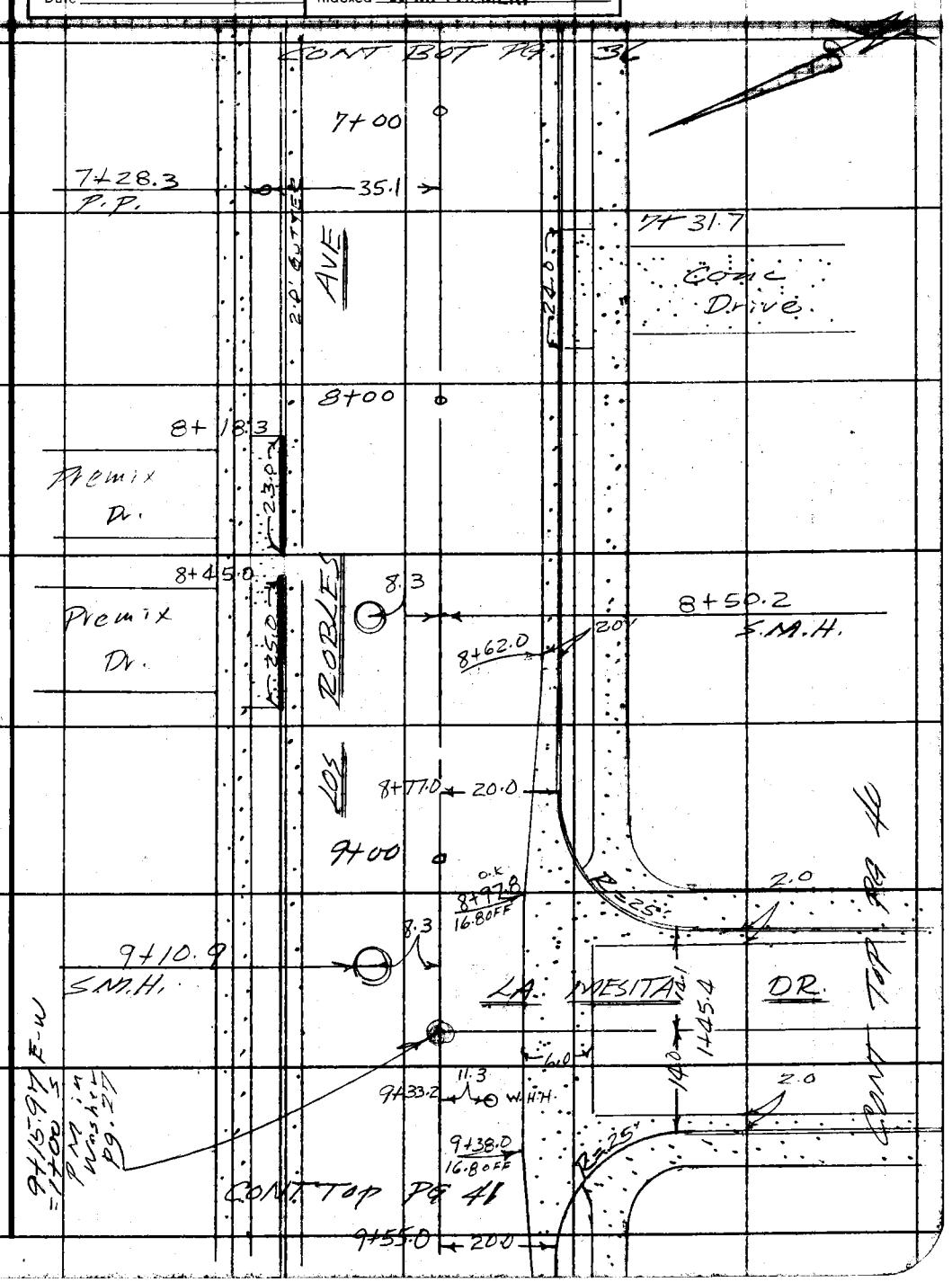
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of [illegible]
Map No.	JN 2012.71 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB-Guizad Date 11 Aug 71
Date	Indexed T. M. PALMERI

F. B. [illegible] Pg. 37



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

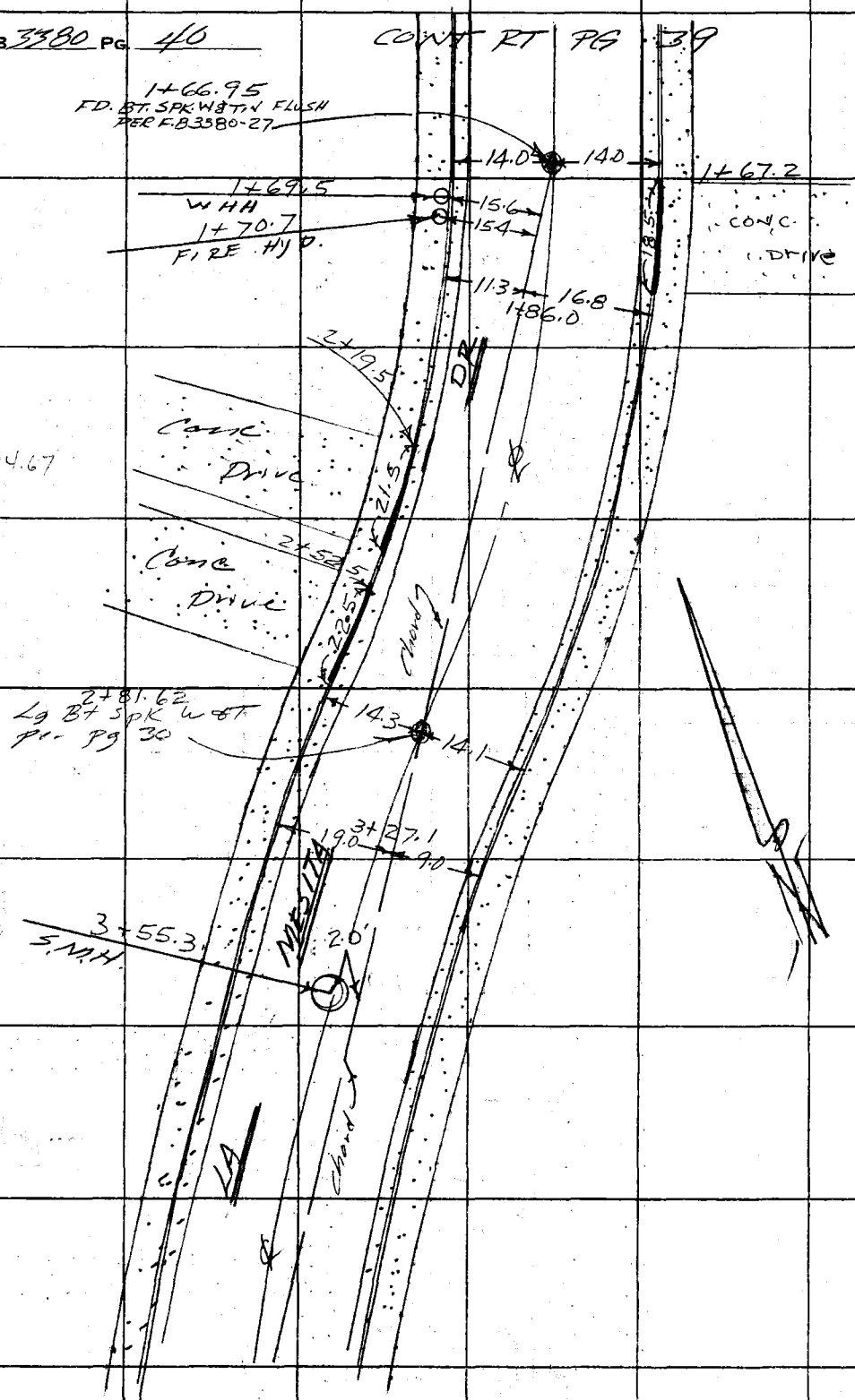
Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3380 PG. 40

COUNT RT PG 39

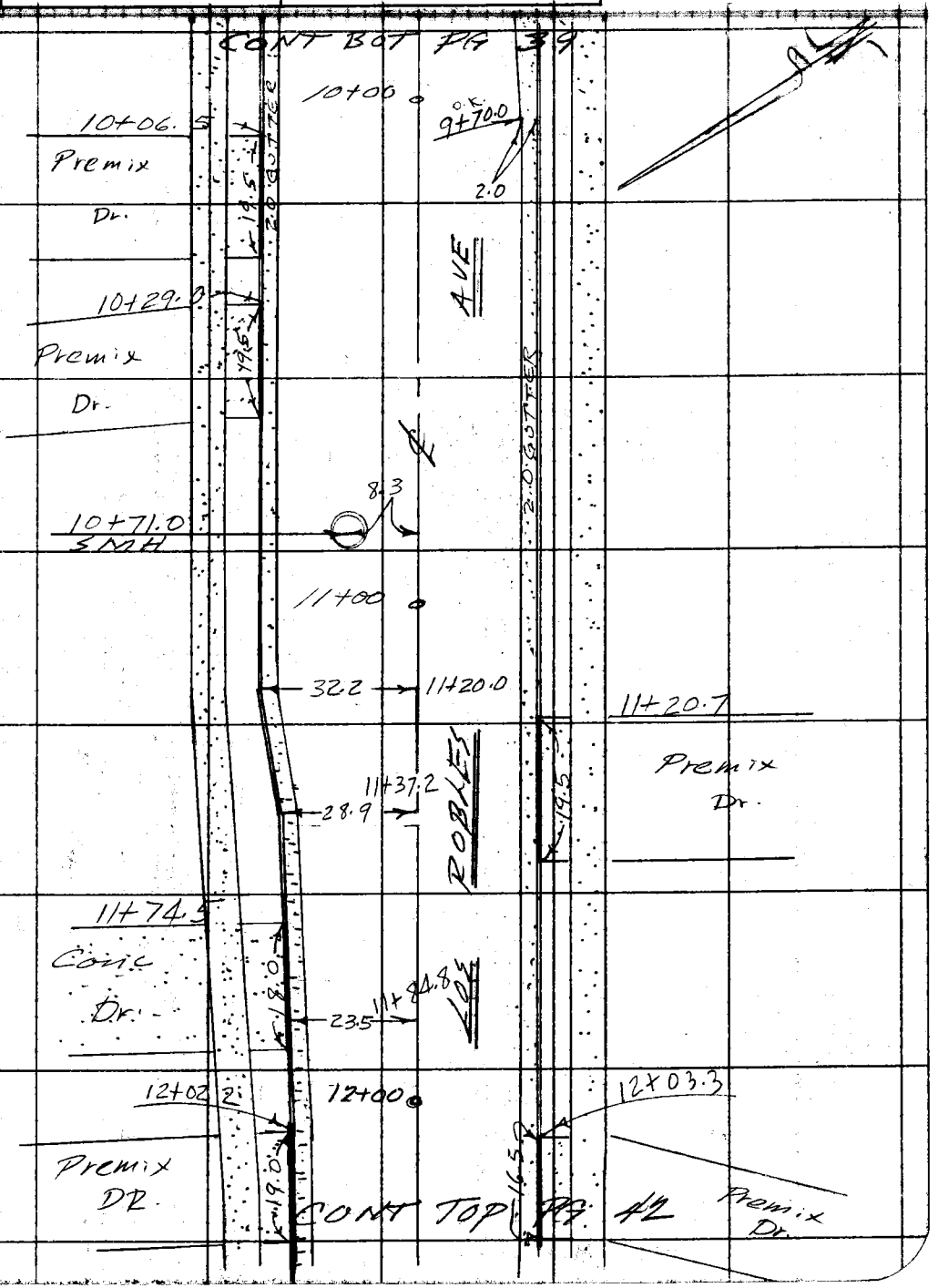


PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 this side of this line.

Notes Ck'd by	Survey of [illegible] F. B. [illegible] Pg. [illegible]
Map No.	JN 60[illegible] Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes FEB-Guizado Date 12 Aug '71
Date	Indexed T. M. PALMERI



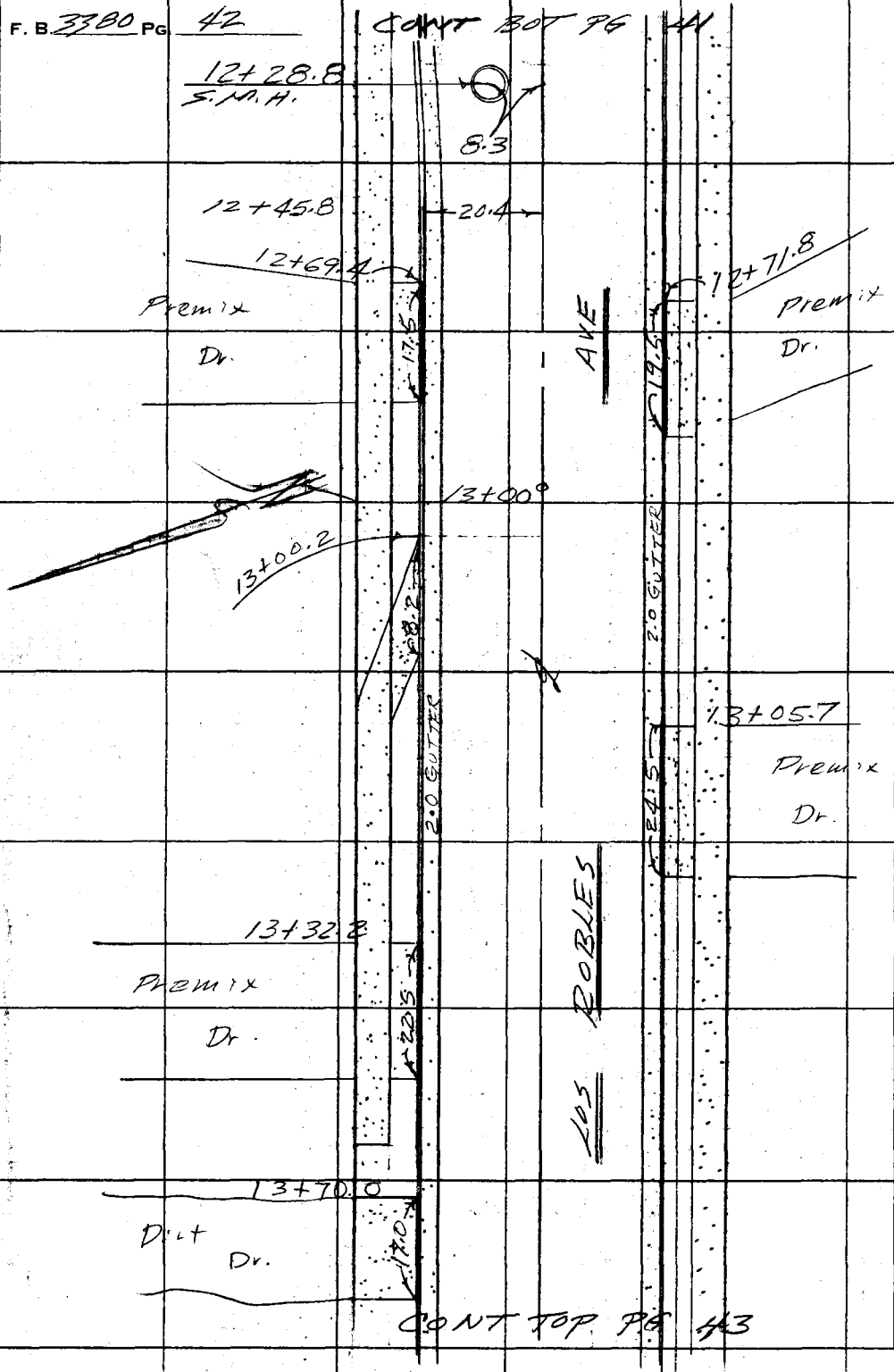
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3380 PG. 42

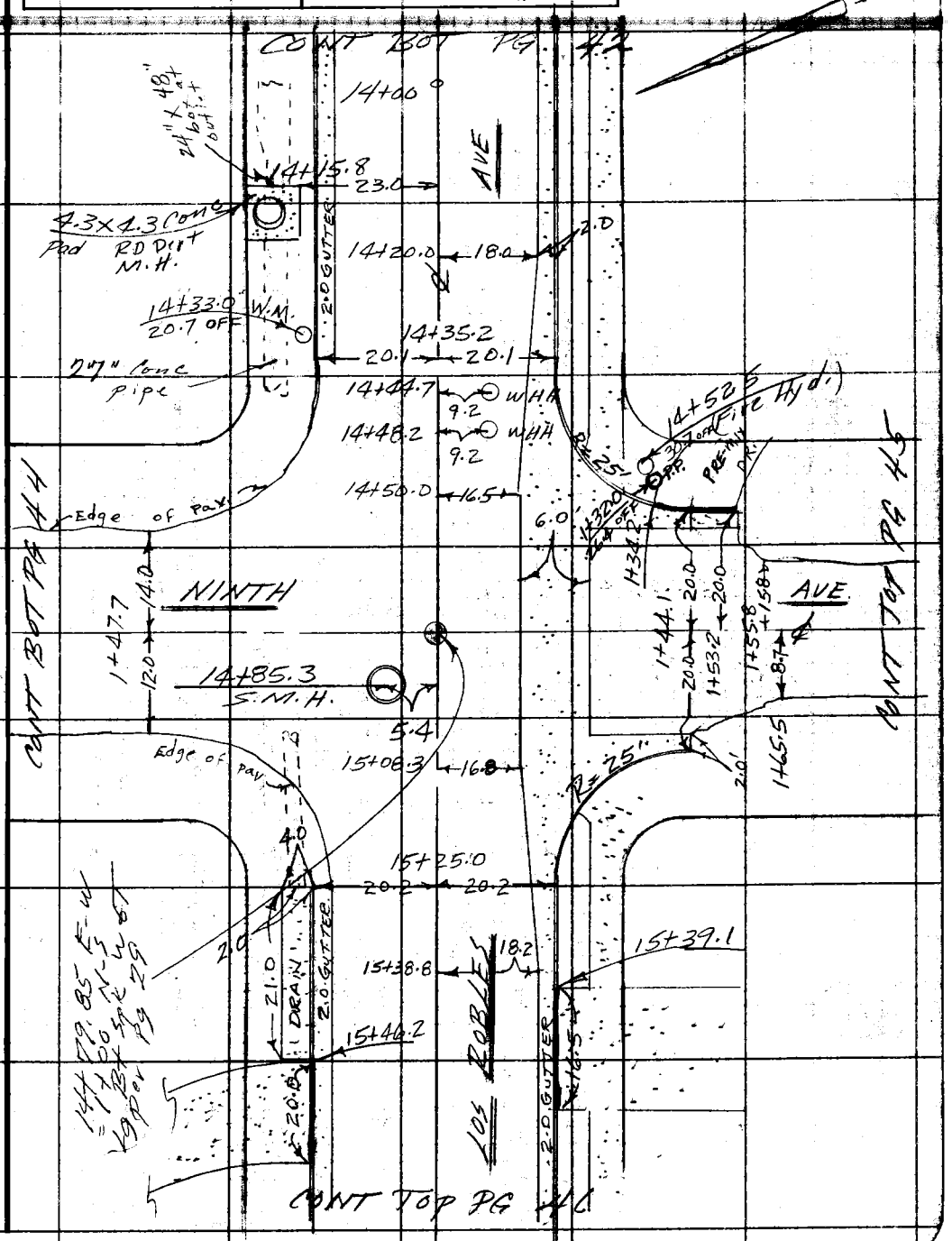


PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 this side of this line.

Notes Ck'd by	Survey of [illegible] F. B. [illegible] Pg. 43
Map No.	JN [illegible] Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes FEB-GOG Date 12 Aug '71
Date	Indexed T. M. PALMERI



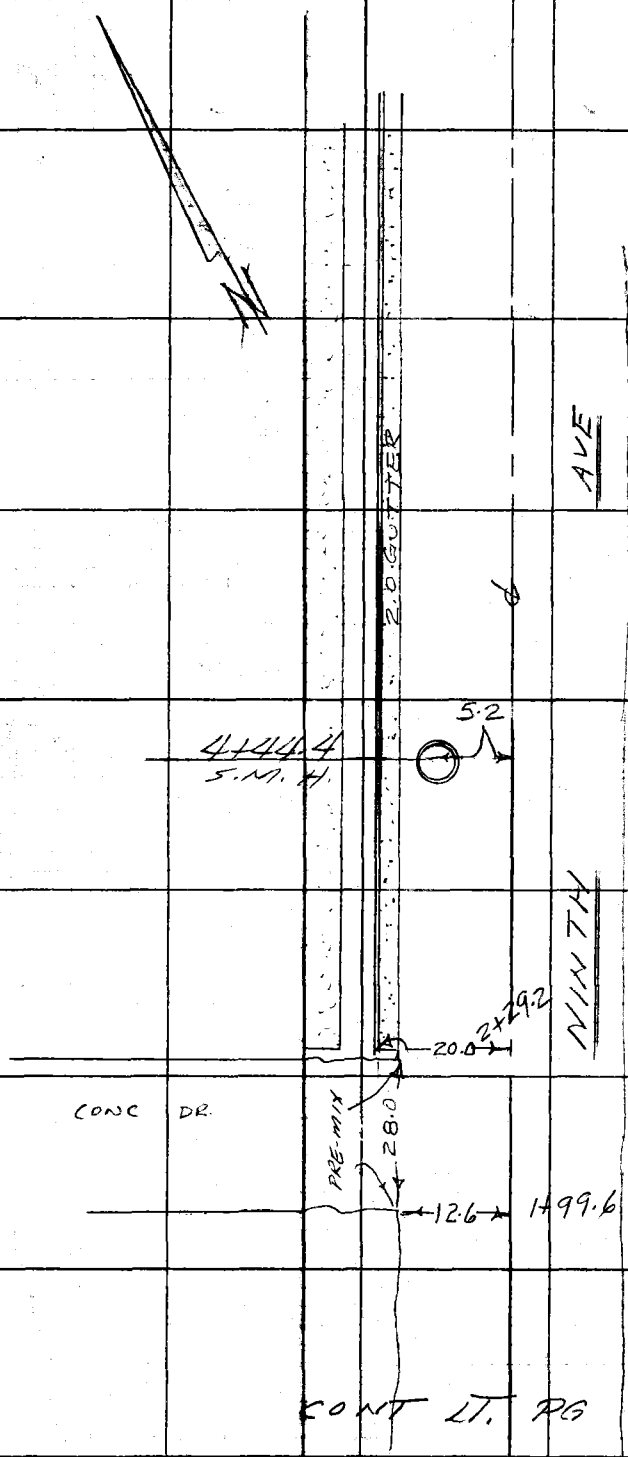
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3300 PG. 44



CONT LT. PG 43

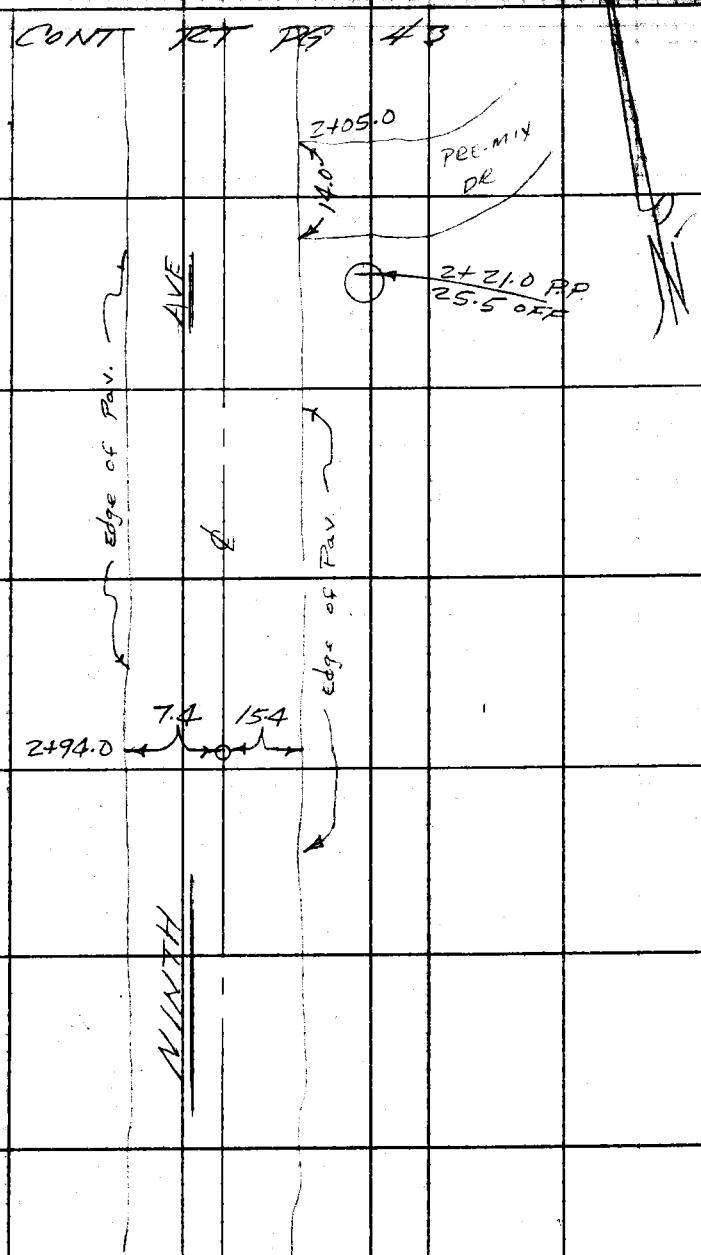
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of [illegible]
Map No.	JN [illegible] Tape Std °F
Office Work	Surveyed by FF Brooks
Checked	Notes FEB-609 Date 12 Aug 71
Date	Indexed T. M. PALMERI

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.

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

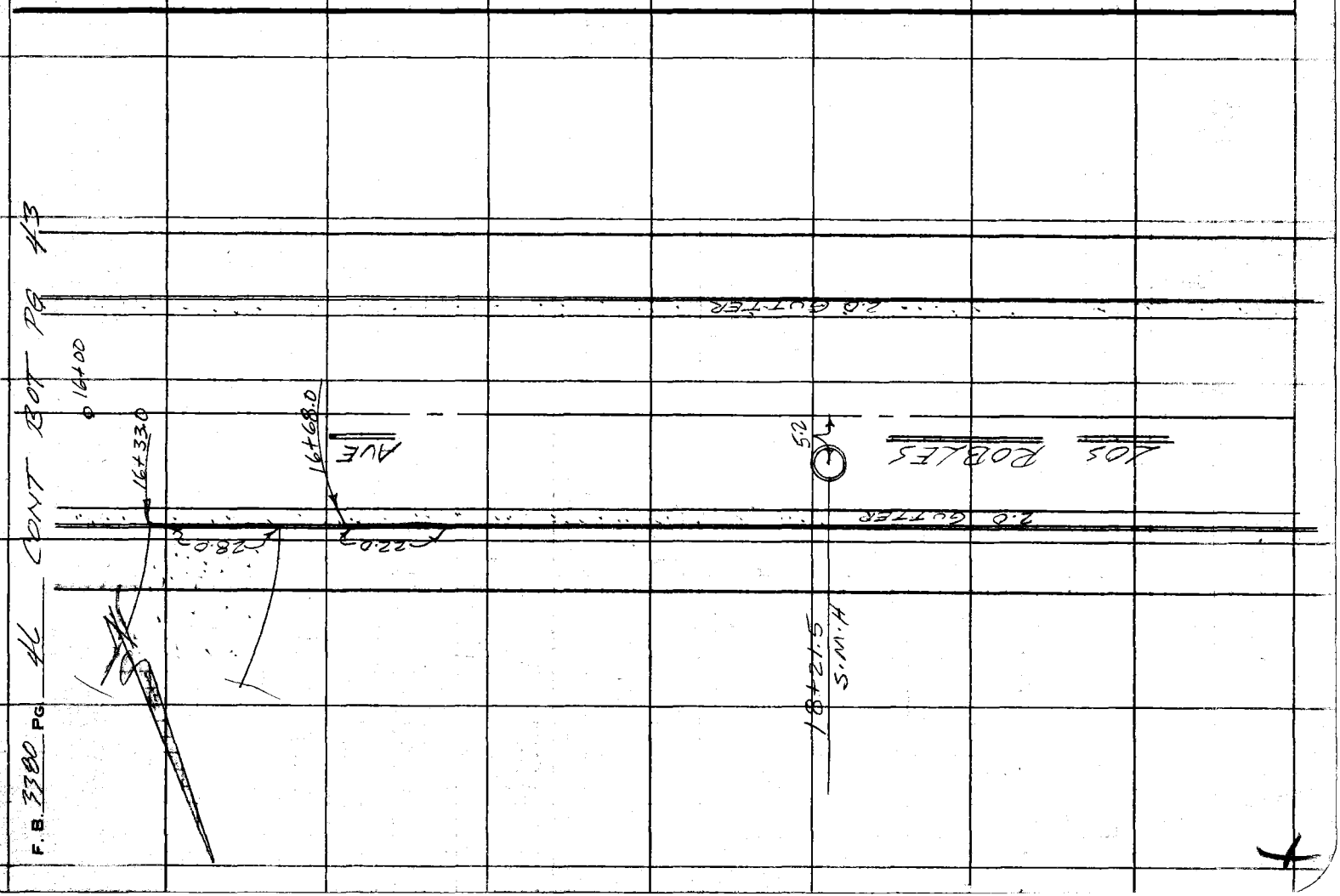
Do not extend this side of this line.

76F309S CE#310 3-69

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 this side of this line.



Profile	Notes Red	Plotted	Job No.	Division No.	F. B.	Pg. 47
No.	Date	Date	Survey of			
X-Sec.	Notes Chk'd.	Checked	Survey by	Notes	Date	
No.	Date	Date	Map No.	Indexed T. M. PALMER	Date SEP 14 '71	

IN 6012 VI

STORM DRAIN PROJECT

No 1271

LINE A

CROSS SECTIONS

Lenker Rod used.

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

FE Brooks
G O Guizado
R A Moore
T Ohashi

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
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
BM SD 2046				381 07	BM S.D. 2046 Elev. 381.~~643~~ 175 F.B. 3380-13		
					Turnbull Cn. Rd. & Los Robles Ave. S.W. Cor.		
					50'± W. of W. end C.R.	P.K. spk in lead in	
					N.W. Cor. of S.D. C.B.		
					W. on LOS ROBLES AVE		
					Lt. or South ℄	Rt. or North.	
1+23.5	S. M. H	E Rim = 378.65 W Rim = 378.68		378 67		7.7 Rt mean rim elev.	
					8" Inlet S	8" Inlet W	8" Outlet N
	Invert	8" Inlet S		371 38	Rim 378.67	378.67	378.67
	"	8" " W		371 19	meas 6.62	6.81	6.91
	"	8" Outlet N		371 09	Top pipe 372.05	371.86	371.76
					dia. 0.67	0.67	0.67
					invert 371.38	371.19	371.09
1+74.2	S.D.M.H	E Rim 381.17 W Rim 381.23		381 20	5.0 Lt mean rim elev.		
1+80.0				381 35		℄	
				381 11		4.3 Rt pvmt	
				380 73		8.7" edge pvmt	
				378 6		16.0" Bot of ditch	

F. B. 3380 Pg. 48 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 17 AUG. 71 Date No.
Survey by FF Brooks Notes FFB - Guzado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date SEP 14 '71 Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of ____ F. B. ____ Pg. ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	& Rt. or North
1+80.0				377.88		20 FT " Gutter in
				379.83		20" " Top of cb
				381.43	4.2 Lt. pvmt over end of 48" conc pipe	
					mean rim of S.D.M.H. at 1+74.2 = 381.30	
					meas = 4.92	
					invert = 371.28	
				371.28	4.2 Lt. Invert of 48" conc pipe.	
				381.25	10.0 " pvmt	
				380.83	16.0 " gutter out	
				380.12	19.8 " gutter in	
				381.05	20.0 " Top cb.	
2+00				381.81		&
				381.60		4.3 Rt pvmt
				381.28		8.4 " edge pvmt
				380.1		13.2 " Top of bank
				377.9		15.2 " Bot of ditch
				379.9		18.2 " Top of bank
				380.2		30.0 " P/L
				381.69	10.0 Lt pvmt	
				381.06	18.0 " gutter out	

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 33880 Pg. 50 | Job No. 6012.71 | Division No. 11 | Notes Red | Plotted | Profile
Survey of S. D. Project | Date 4/12/71 | No. | Date 12 AUG 71 | No. | X-Sec.
Survey by E.E. Brooks Notes FEB - Sur. 2.0 Ho | Notes Chk'd. | Checked
Indexed T. M. PALMERI Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄	Rt. or North
2+00				380.92	19.8 Lt gutter in		
				381.54	20.0 " Top ch.		
3+00*				383.65		℄	
				383.59			4.2 Rt. pvmt
				383.32			9.5 " edge pvmt
				382.7			11.5 " Top bank
				381.2			12.5 " bottom of ditch
				381.2			14.5 " bottom of ditch
				382.5			16.5 " Top of bank
				382.2			30.0 " P/L
				383.49	10.0 Lt pvmt		
				383.14	18.0 " gutter out		
				383.00	19.8 " gutter in		
				383.61	20.0 " Top ch.		
3+42.2	S.M.H.	E Rim	384.47	384.48			8.0 Rt mean rim elev.
		W Rim	384.49				
					8" Inlet S	8" Inlet W	Outlet E
Invert	8" Inlet S			374.23	Rim 384.48	384.48	384.48
					meas 9.58	9.44	9.55
"	" "	Inlet W		374.37	Top pipe 374.90	375.04	374.93
					dia 0.67	0.67	0.67
"	" "	Outlet E		374.26	Invert 374.23	374.37	374.26

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____
F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt or South ℄	℄ Rt. or North
3+64.2	3MM	E Rim = 384.80 W Rim = 384.54		384.82	23.0 Lt mean rim elev.	
					8" Inlet S	8" Outlet N.
					Rim 384.82	384.82
Invert	8" Inlet	S		379.02	meas 5.13	5.43
"	"	Outlet	N.	378.72	Top pipe 379.69	379.37
					dia 0.67	0.67
					invert 379.02	378.72
4+00				385.38		℄
				385.33		4.0 Rt pvmt
				385.26		8.0 " edge pvmt
				384.6		11.5 " Top of bank
				383.5		13.5 " Bottom of ditch
				383.3		17.5 " " "
				384.8		19.5 " Top of bank
				384.2		30.0 " P/L
				385.27	10.0 Lt pvmt	
				384.92	18.0 " gutter out	
				384.79	19.3 " gutter in	
				385.41	20.0 " Top ch.	

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄ Rt. or North.
4+37.3				386.07		℄
				385 11		16.0 Rt prmt
				384 44		30.0" gutter out
				384 30		31.8" gutter in
				384 86		32.0" Top cb.
5+00				386 87		℄
				386 29		16.0 Rt prmt
				385 41		30 0" gutter out
				385 24		31.8" gutter in
				385 88		32.0" Top cb.
				386 70	10.0 Lt. prmt	
				386 38	18.0" gutter out	
				386 20	19.8" gutter in	
				386 81	20.0" Top cb.	
5+60.7				387 64		℄
				386 98		16.1 Rt prmt
				386 33		30.0" gutter out
				386 20		32.0" gutter in
				386 82		32.2" Top cb.

F. B. 3780 Pg. 52 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 17 AUG 71 Date No.
Survey by FE Brooks Notes FE B - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South ℄ Rt. or North
BM S.D. 2047				386 90	BM SD 2047 Elev. 387.004 F.B. 3380-14
					Los Robles Ave and Sanlu St. N.E. Cor
					4' E of E end C.R. P.K. Spk in [illegible]
5+79.9				38 790	℄
				38 788	10.0 Lt pvmt
				38 753	18.0 " gutter out
				38 740	19.8 " gutter in
				38 802	20.0 " Top cb.
6+30.08				38 863	℄ inter.
					North on SANLU St.
					Lt. or West ℄ Rt. or East
1+76.0				38806	℄
				38814	9.0 Lt. pvmt
				38816	16.0 " gutter out
				38801	17.8 " gutter in
				38860	18.0 " Top cb.
1+82.3				38811	℄

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PA[illegible] Date ____

F. B. ____ PG. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or West	℄	Rt. or East
1+82.3				387 86			9.0 Rt pvmt
				387 66			16.1 " gutter out
				387 57			17.9 " gutter in
				388 19			18.1 " Top cbr
3+02.3 S.M.H.		S Rim = 383.39 N Rim = 383.25		383 32	3.5 Lt. mean rim elev.		
						8" Inlet S	8" Outlet N
					Rim	383.32	383.32
Invert	8" Inlet S			374 48	meas	8.17	8.32
"	" " Outlet N.			374 33	Top pipe	375.15	375.00
					dia	0.67	0.67
					invert	374.48	374.33
					South on SANLU ST.		
					Lt. or East	℄	Rt. or West
1+55.3				389 51		℄	
				389 38			7.5 Rt pvmt
				389 23			13.1 " gutter out
				389 08			14.9 " gutter in
				389 71			15.1 " Top cbr

F. B. 3380 Pg. 54 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S. D. Project #1271 Date 17 AUG '71 Date No.
Survey by F.R. Brooks Notes F.F.B. Quizada Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

T.P. 391.92

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.	Lt or Feet	℄	Rt. or Feet
1+55.3				389 27	7.5 Lt Pvmt		
				388 95	13.0 " gutter out		
				388 90	14.8 " gutter in		
				389 51	15.0 " Top cb.		
1+95.3				390 51		℄	
				390 37			7.5 Rt pvmt
				390 17			13.1 " gutter out
				390 03			14.9 " gutter in
				390 67			15.1 " Top cb.
				390 32	7.5 Lt pvmt		
				390 08	13.0 " gutter out		
				389 96	14.8 " gutter in		
				390 58	15.0 " Top cb.		
2+95.3				392 86		℄	
				392 68			7.5 Rt. pvmt
				392 47			13.1 " gutter out
				392 30			14.9 " gutter in
				392 92			15.1 " Top cb.
				392 74	7.5 Lt. pvmt.		

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. ____ PG. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East ℄	Rt. or West
2+95.3				39253	13.0 Lt gutter out	
				39240	14.8 " gutter in	
				39303	15.0 " Top cb	
3+48.8 S.M.H.		N. Rim=39405 S. Rim=39409		39407	5.0 Lt mean rim elev.	
					Rim	
					meas	
					Top pipe	
					dia	
					invert	
					Not needed	
					West on Los ROBLES AVE.	
6+43.7 S.M.H		SEE PG. 72			Lt. or South ℄	Rt. or North
6+80.1				38937	℄	
				38928	10.0 Lt pvmt	
				38893	17.8 " gutter out	
				38871	19.8 " gutter in	
				38938	20.0 " Top cb.	

F. B. 3380 Pg. 52 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S. D. Project #1271 Date 17 AUG 71 Date No.
Survey by F.F. Brooks Notes FFB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red____ Plotted____ Job No.____ Division No.____
No.____ Date____ Date____ Survey of____
X-Sec. Notes Ck'd.____ Checked____ Survey by____ Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed____ T. M. PALMER Date____
F. B.____ PG.____

STATION	B. S.	H. I.	F. S.	ELEV.	Ft. o South & Rt. of No. 1
6+91.0				389.54	℄
				388.93	16.0 Rt pvmt
				388.19	29.9 " gutter out
				388.07	31.9 " gutter in
				388.69	32.1 " Top ob
7+20.1				390.00	℄
				389.42	16.0 Rt pvmt
				388.64	30.1 " gutter
				388.45	31.9 " gutter
				389.06	32.1 " Top ob
				389.87	10.0 Lt pvmt
				389.55	18.0 " gutter out
				389.40	19.8 " gutter in
				390.05	20.0 " Top ob.
8+20.1				391.51	℄
				390.93	16.0 Rt pvmt
				390.14	30.1 " gutter out
				390.05	31.9 " gutter in
				390.55	32.1 " Top depression

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South ℄	Rt. or North
8+20.1				391 32	10.0 Lt prmt	
				391 07	18.0 " gutter out	
				390 97	19.8 " gutter in	
				391 60	20.0 " Top ch.	
8+50.2	S.M.H.	E Rim = 391.84 W Rim = 391.86		391 85		8.3 Rt. mean rim elev
					8" Inlet W.	8" outlet E.
					Rim 391.85	391.85
Invert 8" Inlet W				379 69	meas 11.49	11.60
" " Outlet E.				379 58	Top pipe 380.36	380.25
					dia 0.67	0.67
					invert 379.69	379.58
8+67.0				392 27	℄	
				392 07	10.0 Lt prmt	
				391 80	17.8 " gutter out	
				391 67	19.8 " gutter in	
				392 30	20.0 " Top ch.	
9+00 *				392 79	℄	
				392 36		16.0 Rt prmt

F. B. 3380 Pg. 58 Job No. 6012.73 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 17 AUG 71 Date No.
Survey by F.E. Brooks Notes F.F.B. - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄	Rt. or North
9+00				391 61			30.2 Rt gutter
				391 49			32.0 " gutter
				392 10			32.2 " Top cb
9+10.9	C.M.H.	E Rim = 392.71 W Rim = 392.73		392 72			5.3 Rt. mean rim
					8" Inlet S	8" Inlet W	8" Outlet E
Invert 8"	Inlet S			380 96	Rim 392.72	392.72	392.72
" "	" W			380 86	meas 11.09	11.19	11.28
" "	Outlet E			380 77	Top pipe 381.63	381.53	381.44
					dia 0.67	0.67	0.67
					invert 380.96	380.86	380.77
9+15.97				393 00		℄ inter.	
					South on LA MESITA DR.		
					Lt. or East	℄	Rt. or West
1+55.4				393 79		℄	
				393 80			7.0 Rt. pvmt
				393 83			12.0 " gutter
				393 64			13.8 " gutter

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. ____ Date ____

F. B. ____ Pg. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt. or West
1+55.4				394 12		14.0 Rt Top cb.
				393 61	7.0 Lt. prmt	
				393 53	12.1 " gutter out	
				393 37	13.9 " gutter in	
				393 89	14.1 " Top cb.	
1+95.4				394 74		chord.
				394 70		3.9 Rt. prmt.
				394 70		8.3 " gutter out
				394 57		10.3 " gutter in
				395 05		10.5 " Top cb.
				394 79	3.2 Lt. ℄	
				394 61	10.3 " prmt	
				394 45	15.6 " gutter out	
				394 29	17.6 " gutter in	
				394 81	17.8 " Top cb.	
2+95.4				397 57		chord.
				397 61		2.2 Rt ℄
				397 47		9.3 " prmt
				397 42		10.2 " gutter out

F. B. 3380 Pg. 60
Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 17 AUG 71 Date No.
Survey by F.F. Brook Notes F.F.B. - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	Chord	Rt. or West
[illegible]				397 26			14.0 Rt gutter
				397 76			14.2 " Top cb
				397 40	5.9 Lt. Prmt		
				397 27	10.0 " gutter out		
				397 07	11.8 " gutter in		
				397 59	12.0 " Top cb.		
3+55.3	S.M.H	N Rim = 39993 S Rim = 39999		399 96			2.0 Rt. mean Rim [illegible]
						8" Inlet S	8" Outlet N.
					Rim	399.96	399.96
	Invert 8" Inlet S			391 96	meas	7.33	7.50
	" " Outlet N.			391 79	Top pipe	392.63	392.46
					dia	0.67	0.67
					invert	391.96	391.79
					West on LOS ROBLES AVE		
					Lt or South ℄		Rt. or North
9+65.0				394 01		℄	
				393 80	10.0 Lt prmt		
				393 49	17.8 " gutter out		

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. ____ PG. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by F E Brooks Notes 6 & 8 Date 17 AUG 71
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄ Rt. or North
9+65.0				393 36	19.8 Lt. gutter in	
				394 02	20.0 " Top cd	
10+00				394 76		℄
				394 23		16.1 Rt print
				393 44		30.2 " gutter out
				393 32		32.0 " gutter in
				393 91		32.2 " Top cb.
10+05.0				394 85		℄
				394 61	10.0 Lt print	
				394 22	18.0 " gutter out	
				394 08	19.8 " gutter in	
				394 71	20.0 " Top cb.	
BM S.D. 2048				393 99	BM SD 2048 Elev. 39~~3.998~~ 4.097 F.B. 3380-14 Los Robles Ave N. Side at house #15049 Pk spk in lead in curb at driveway	

F. B. 3380 Pg. 62
Job No. 6017.41 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1241 Date 17 AUG '71 Date No.
Survey by F.F. Brooks Notes F.F.B. - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile No.____ Notes Rel.____ Plotted____ Job No.____ Division No.____
X-Sec. No.____ Date____ Date____ Survey of____
Notes Ch'k'd.____ Date____ Checked____ Date____ Survey by____ Date____
Map No.____ Indexed____ Date____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄	Rt. or North
10+71.0	S.M.H.	ERim = 395.56 WRim = 395.58		395 57			8.3 Rt mean line
					8' Inlet W		8' Outlet E
	Invert	8" Inlet W		384.18	Rim		395.57
	"	" Outlet E		384 04	meas		10.81
					Top pipe		384.71
					dia		0.67
					invert		384.04
11+00				396 39		℄	
				395 82			16.1 Rt. prmt
				395 26			30.2 " gutter out
				395 05			32.0 " gutter in
				395 70			32.2 " Top cb.
11+05.0				396 46		℄	
				396 38	10.0 Lt. prmt		
				396 02	18.0 " gutter out		
				395 82	19.8 " gutter in		
				396 46	20.0 " Top cb.		
12+00				398 21		℄	

F. B. Pg.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄ Rt. or North.
12+00				397 81		11.1 Rt. pvmt
				397 34		20.1 " gutter out
				397 23		22.1 " gutter in
				397 88		22.3 " Top cb.
				398 26	10.0 Lt. pvmt	
				398 02	18.0 " gutter out	
				397 92	19.8 " gutter in	
				398 56	20.0 " Top cb.	
12+28.8 S.M.H.		E Rim = 398 50 W Rim = 398 52		398 51		8.3 Rt mean rim elev.
					8" Inlet W	8" outlet E
Invert 8" Inlet W				388 90	Rim 398.51	398.51
" " Outlet E				388 77	meas 8.94	9.07
					Top pipe 389.57	389.44
					dia 0.67	0.67
					invert 388.90	388.77
13+00				400 27		℄
				400 00		10.1 Rt. pvmt
				399 58		18.2 " gutter out
				399 43		20.0 " gutter in

F. B. 3380 Pg. 64 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 17 AUG 71 Date No.
Survey by F.F. Brooks Notes F.F.B. - Guinado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red____ Plotted____ Job No.____ Division No.____

No.____ Date____ Date____ Survey of____

X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes by____ Date____

No.____ Date____ Date____ Map No.____ Indexed____ Date____

F. B.____ PG.____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	Rt. or North
13+00				40 007		20.2 Rt Top ch.
				400 63	10.0 Lt Pvmt	
				400 47	18.0 " gu Her out	
				400 28	19.8 " gu Her in	
				400 91	20.0 " Top ch.	
14+00				402 81		℄
—				402 48		10.0 Rt pvmt
				402 05		18.1 " gu Her out
				401 90		19.9 " gu Her in
				402 54		20.1 " Top ch
				403 17	10.0 Lt pvmt	
				402 84	18.0 " gu Her out	
				402 65	19.8 " gu Her in	
				403 29	20.0 " Top ch.	
14+17.9	Rd. Dept M.H.	FR.im = 402.99 WR.im = 403.03		402 01		25.1 mean rim el
					Rim = 402.01 meas = 3.33 bottom 398.68 of M.H.	
—	Bottom of Rd Dept M.H. Box			398 68		

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄ Rt. or North
14+25.2				403 42		℄
				403 07		10.0 Rt prmt
				402 60		18.1" gutter out
				402 44		19.9" gutter in
				403 07		20.1" Top cb.
				403 72	10.0 Lt. prmt	
				403 44	18.1" gutter out	
				403 26	19.9" gutter in	
				403 93	20.1 Top cb.	
14+79.85				404 59		℄ inter.
					North on NINTH AVE.	
					Lt. or West	℄ Rt. or East
1+47.7				402 19		℄
				402 05		7.0 Rt prmt
				401 70		14.0" edge prmt
				401 2		16.0" ditch
				402 5		19.0" Top bank
				401 7		30" P/L

F. B. 3390 Pg. 66 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project # 1211 Date 17 AUG 71 Date No.
Survey by F.F. Brooks Notes F.F.B. - [illegible] Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

TP 39.5.28

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

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

Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd ____ Checked ____ Survey by C. L. [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____
F. B. [illegible] PG. 1

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or West & Rt. or East				
1+47.7				402.18	6.0 Lt pvmt				
				402.09	12.6 " edge of pvmt				
				401.7	17.0 " ditch				
				402.4	19.0 " Top bank				
				402.8	30.0 " P/L.				
4+44.4	S.M.H	S. Rim = 391.08 N. Rim = 391.02		391.05	5.2 Lt	mean rim elev.			
						8" Inlet S	8" Inlet W	8" Inlet E	8" Outlet N
	Invert 8" Inlet S			381.80	Rim	391.05	391.05	391.05	391.05
	" " " W			381.88	meas	8.58	8.50	8.28	8.72
	" " " E			382.10	Top pipe	382.47	382.55	382.77	382.33
	" " Outlet N			381.66	dia	0.67	0.67	0.67	0.67
					Invert	381.80	381.88	382.10	381.66
					South on NINTH AVE				
					Lt. or East	& Rt. or West			
1+44.1				405.69		&			
				405.95		10.3 Rt pvmt			
				406.10		18.0 " gr Hor c			
				405.95		19.8 " gr Hor i			

76-L-298 CE 307 5-66

T.P. 41 0.12

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.	Lt or East	℄ Rt. or West.
1+44.1				406 65		20.0 Rt. Top cb.
1+53.2				406 05		℄
				405 86	10.0 Lt prmt	
				405 38	18.0 " gutter out	
				405 20	19.8 " gutter in	
				405 82	20.0 " Top cb.	
1+94.0				407 99		℄
				407 97		4.3 Rt. Prmt
				407 86		8.7" edge prmt
				408 4		30.0" P/L
				407 75	7.9 Lt. prmt	
				407 35	15.8" edge prmt	
				406 2	22.8" ground	
				406 5	30.0 " P/L	
2+94.0				411 41		℄
				411 34		3.7 Rt prmt
				411 23		7.4 " edge prmt
				410 9		12.4" ground

F. B. 3380 Pg. 68 Job No. 6012.71 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of S.D. Project #1271 Date ____ Date ____ No. ____
Survey by FEBrooks Notes FEB - Guizado Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed T. M. PALMERI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Notes Chk'd ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____ F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt. or West
2+94.0				411 8		30.0 Rt. P/L
				411 22	7.7 Lt pvmt	
				410 75	15.4 " edge pvmt	
				410 0	23.0 " ground	
				409 8	30.0 " P/L.	
					West on LOS ROBLES AVE.	
					Lt. or South	℄ Rt. or North
14+85.3	S.M.H.	E.Rim = 404.44 W.Rim = 404.46		404.45		5.4 Rt meas rim to
					8" Stubs	8" Inlet W 8" Outlet N.
Invert + 6"		Stub S		395 67	Rim 404.45	404.45 404.
" "		" W		395 64	meas 8.11	8.14 8.
" "		Outlet E.		395 51	Top pipe 396.34	396.31 396.
					dia .67	0.67 0.
					invert 395.67	395.64 395.
15+25.0		405.22		400 97		22.0 Rt. invert of " pipe
15+35.0				405 75		℄
				405 40		10.1 Rt pvmt

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt or South	℄ Rt. or North.
15+35.0				405 01		18.2 Rt gutter out
				404 77		20.0" gutter in
				405 42		20.2" Top ch.
				406 12	10.1 Lt. prmt	
				405 98	18.0 " gutter out	
				405 79	20.0 " gutter in	
				406 47	20.2 " Top ch.	
15+75.0				406 50		℄
				406 24		10.1 Rt. prmt
				405 98		18.2 " gutter out
				405 77		20.0 " " in
				406 40		20.2 " Top ch.
				406 79	10.1 Lt prmt	
				406 68	18.2 " gutter out	
				406 56	20.0 " gutter in	
				407 16	20.2 " Top ch.	
16+75.0				408 62		℄
				408 28		10.1 Rt prmt
				407 93		18.2 " gutter out

F. B. 3380 Pg. 70
Job No. 6012.71
Division No. 11
Notes Red
Plotted
Profile
Survey of S.D. Project #1271
Date 17 Aug 71
Date
No.
Survey by F.F. Brooks
Notes F.F.B. - Guizado
Notes Chk'd.
Checked
X-Sec.
Indexed T. M. PALMERI
Date
Date
No.

76-L-298 CE 307 5-66 TP. 409.42

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.	Lt. or South	℄	Rt. or North
16+75.0				40777			20.0 Rt. gutter in (d[illegible])
				40784			20.2 " Top cb.
				40881	10.1 Lt. prmt		
				40863	18.2 " gutter out		
				40849	20.0 " " in		
				40909	20.2 " Top cb.		
18+21.5	S.M.H.	E Rim = 41133 W Rim = 41135		411 34			5.2 Rt mean [illegible]
					8" Inlet S	8" Inlet W	8" Outlet E
	Invert	8" Inlet S		402 72	Rim 411.34	411.34	411.34
	"	" " W		402 68	meas 7.95	7.99	8.[illegible]
	"	8" Outlet E		402 54	Top pipe 403.39	403.35	403.21
					dia 0.67	0.67	[illegible]
					invert 402.72	402.68	402.[illegible]
BM S.D. 2049				403 02	BM S.D. 2049 Elev. 403.~~018~~ 118 F.B. 3380-14 Los Robles Ave and Ninth Ave. N.E. Co. 16' E of E end C.R. 4' N. of curb. A P.K. spk in lead in S.W. Cor. of 4.2 sq cover slab for Rd. Dept. M.H.		

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. 11 F.B. [illegible] PG. 11
No. ____ Date ____ Date ____ Survey of [illegible] H 12/11
X-Sec. Notes Chk'd. ____ Checked ____ Survey by F.E. Brooks Notes [illegible] Date 12 Aug 71
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 3280 Pg. 42 | Job No. 6012.7 | Division No. 11 | Notes Red | Plotted | Profile
Survey of SD PROJECT #1271 | Date 12-Aug-71 | No. | X-Sec.
Survey by FE Boaks Notes FEB-905 | Notes Chk'd. | Checked
Indexed T. M. PALMERI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LT. OR SOUTH & RT. OR NORTH		
6+43.7 S.MH		SEE PG. 56 E Rim 388.49 W Rim 388.53		388.51		8.2 FT Rt. Mean Rim Elev	
					8" Inlet S 8" Inlet W. 8" Outlet E		
					Rim	388.51	388.51	388.51
Invert	8" Inlet S.			376.19	Meas	11.65	12.22	12.32
"	" " W			375.62	Top Pipe	376.84	376.29	376.19
"	" Outlet E			375.52	dia	0.67	0.67	0.67
					Invert	376.19	375.62	375.52

W. EDMONDSON

Map No.
Office Work
Checked
Date

JN 6012.71 Tape 019B Std 60 °F
Surveyed by FE Brooks
Notes FEB-Guizado Date Aug 71
Indexed T. M. PALMERI SEP 14 '71

J.N. 6012.71

STORM DRAIN PROJECT

No 1271

LINE B

CENTERLINE

FE Brooks
GO Guizado
RA Moore

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
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3380 Pg. 74

CLARK AVE

POPLAR AVE

MARWOOD ST.

WALBROOK DR.

ALLEY

GALE AVE.

ALLEY

FOLGER ST.

NINTH AVE.

VALENCIA AVE.

TURNBULL CANYON RD.

76

75

77

78

79

80

81

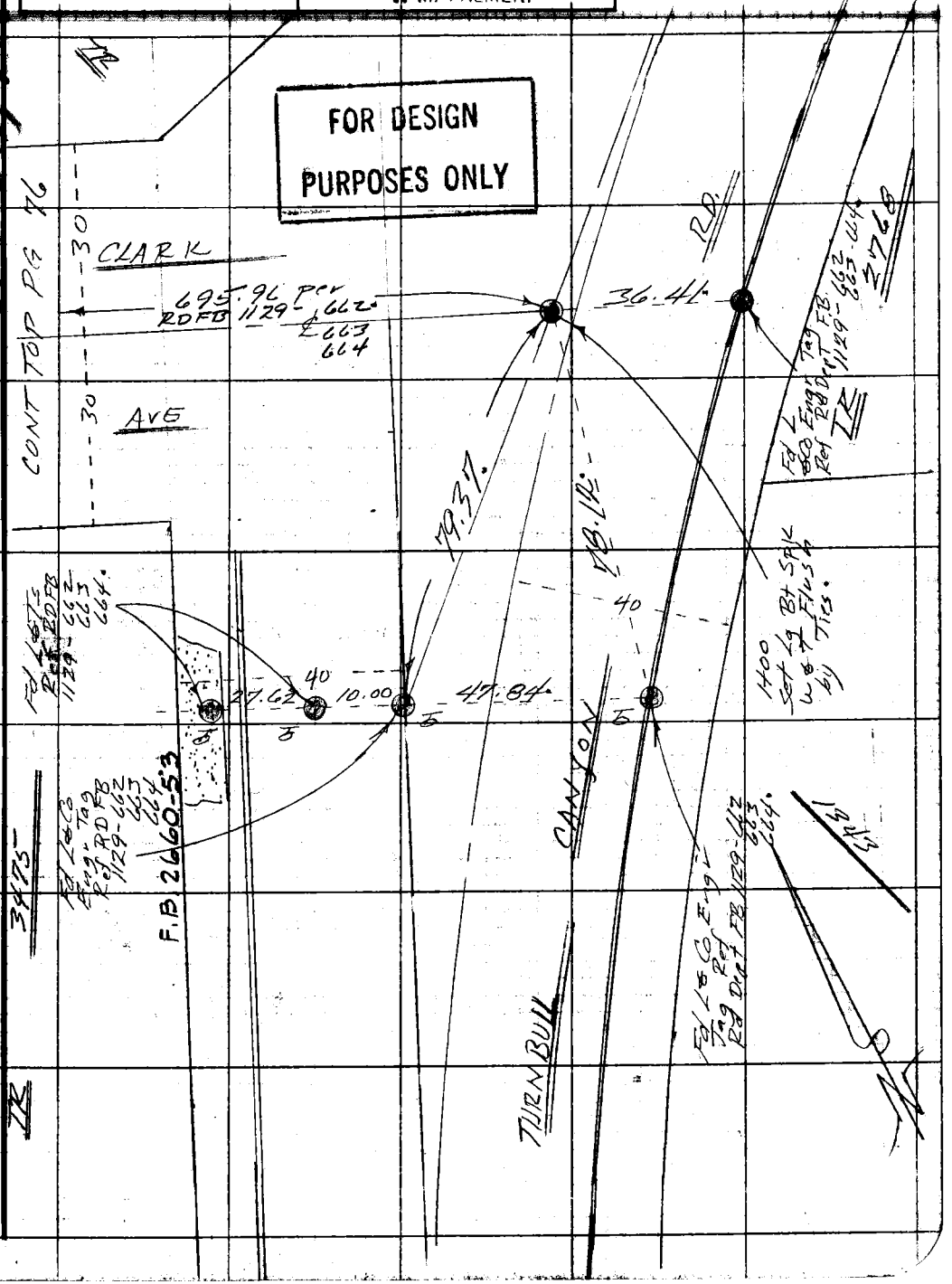
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 this side of this line.

Notes Ck'd W. EDMONDSON	Survey of [illegible]
Map No.	JN 012.71 Tape 0198 Std 68 °F
Office Work	Surveyed by F F Brooks
Checked	Notes FEB-Guizada Date 5 Aug 71
Date	Indexed T. M. PALMERI

FOR DESIGN PURPOSES ONLY



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

Do not extend this side of this line.

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

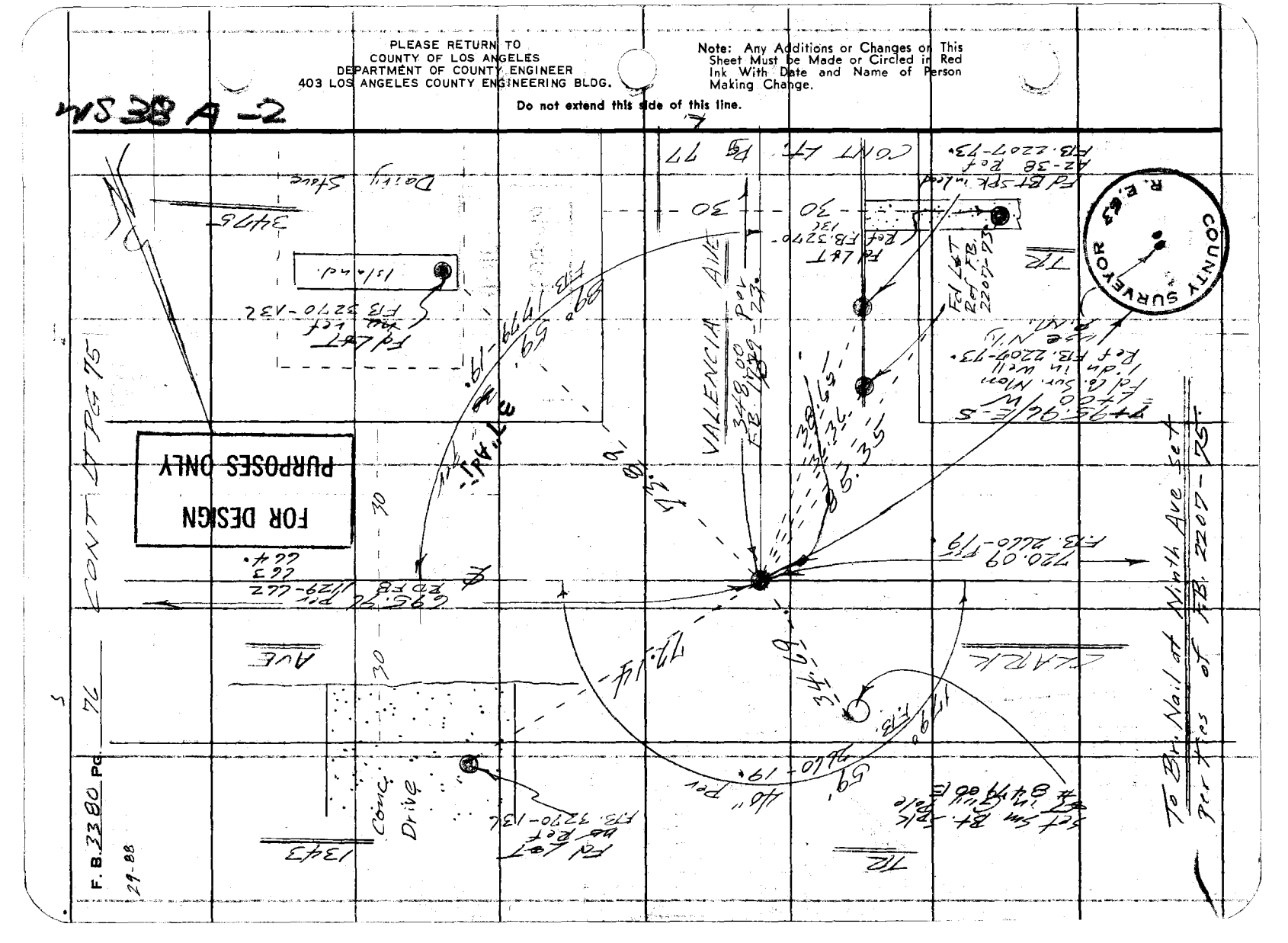
76F3095 CE#310 3-69

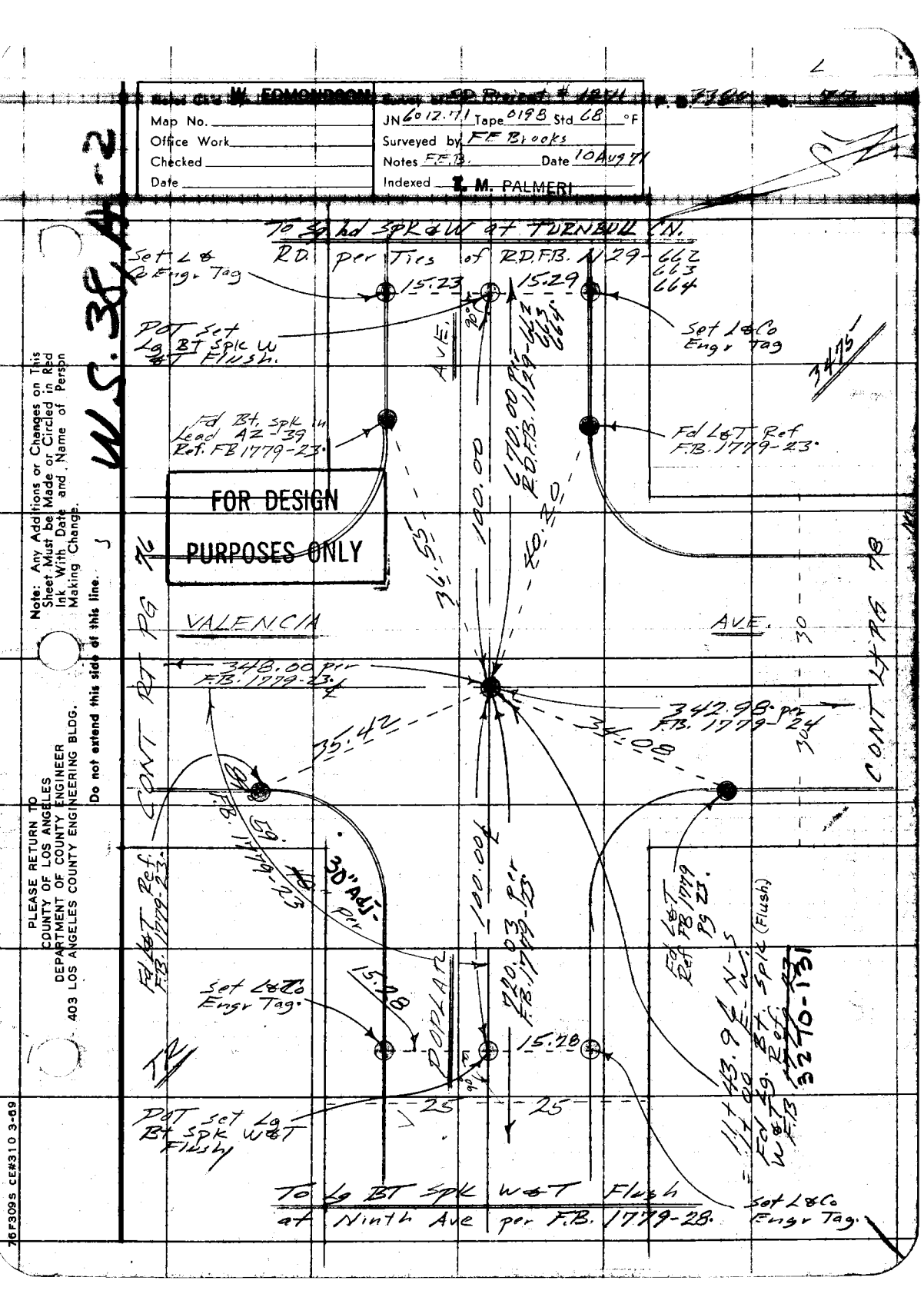
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 this side of this line.

WS 38 A-2





W.S. 38 A-2
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend this side of this line.
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S CE#310 3-69
Map No.
Office Work
Checked
Date
JN 6012.71 Tape 0198 Std 68 °F
Surveyed by F.F. Brooks
Notes F.F.B.
Date 10 Aug 71
Indexed T. M. PALMERI
To Sq hd Spk & W at TURNBULL CN.
RD. per Ties of R.D.F.B. N 29-662 663 664
Set L & Co Engr Tag
15.23
15.29
POT Set Lg BT Spk W & T Flush.
Set L & Co Engr Tag
AVE.
Fd Bt. Spk in Lead AZ-39 Ref. FB 1779-23.
Fd L&T Ref F.B. 1779-23.
FOR DESIGN PURPOSES ONLY
100.00
670.00 per R.D.F.B. 1129-662 663 664
36.55
40.20
VALENCIA
AVE.
CONT RT PG 76
CONT LT PG 78
348.00 per F.B. 1779-23
342.98 per F.B. 1779-24
35.42
34.08
30
30
Fd L&T Ref. F.B. 1779-23.
30" Adj.
100.00
720.03 per F.B. 1779-23
Fd L&T Ref FB 1779 Pg 23.
Set L&Co Engr Tag.
15.28
POPLAR
15.28
POT Set Lg Bt Spk W&T Flush
25
25
11+43.96 N-S
Fd Lg. Bt. Spk (Flush)
W&T F.B. 1779-23
3270-131
To Lg BT Spk W&T Flush at Ninth Ave per F.B. 1779-28.
Set L&Co Engr Tag.

F. B. 3380 PG. 78

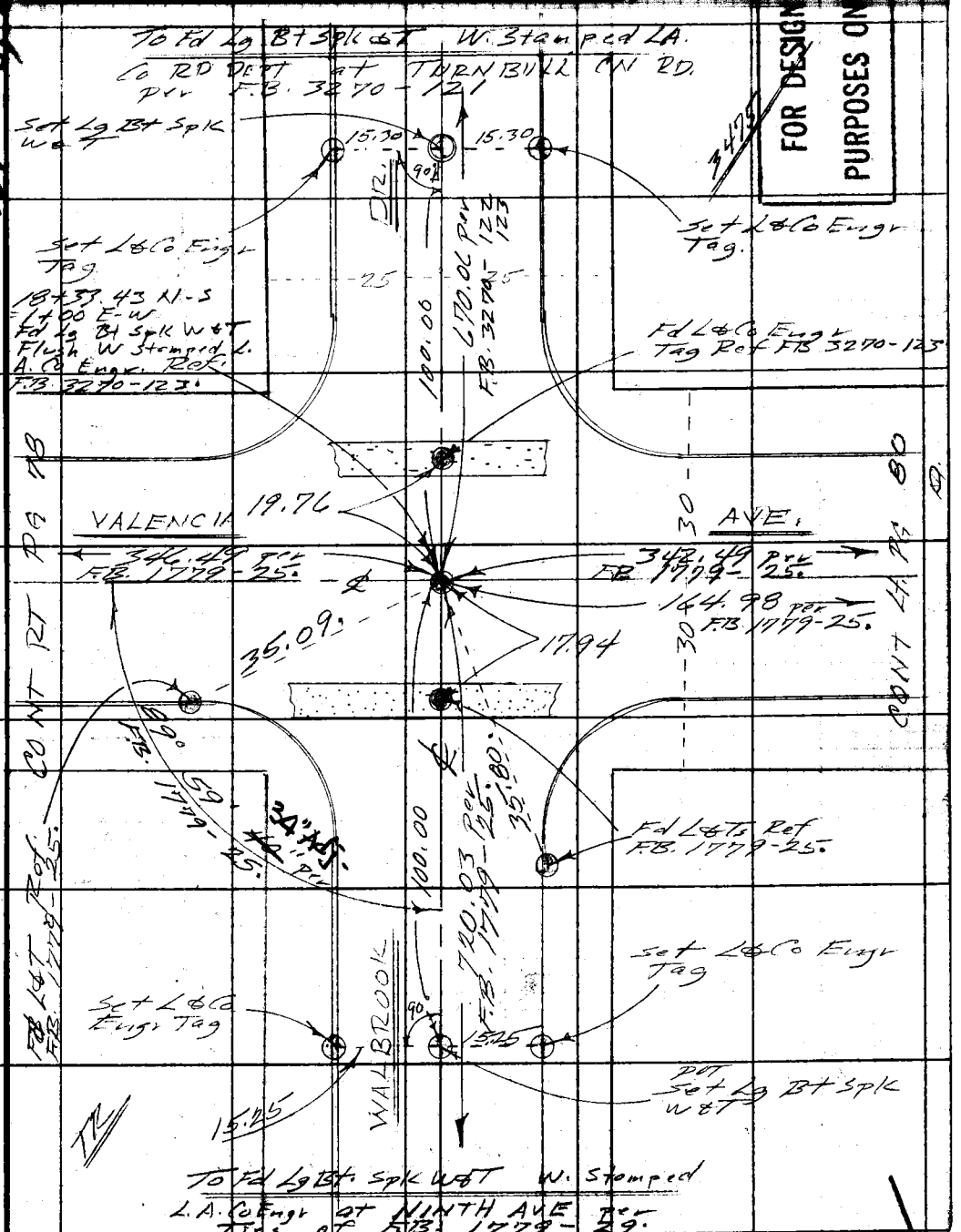
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by W. EDMONDSON	Survey of S.L. Project 4424 F.B. 3580 Pg. 49
Map No.	JN 6012.71 Tape 5192 Std 16 °F
Office Work	Surveyed by FF Brooks
Checked	Notes FFB Gurgade Date 11 Aug 71
Date	Indexed T. M. PALMERI

FOR DESIGN PURPOSES ONLY



W.S. 38, 6-2

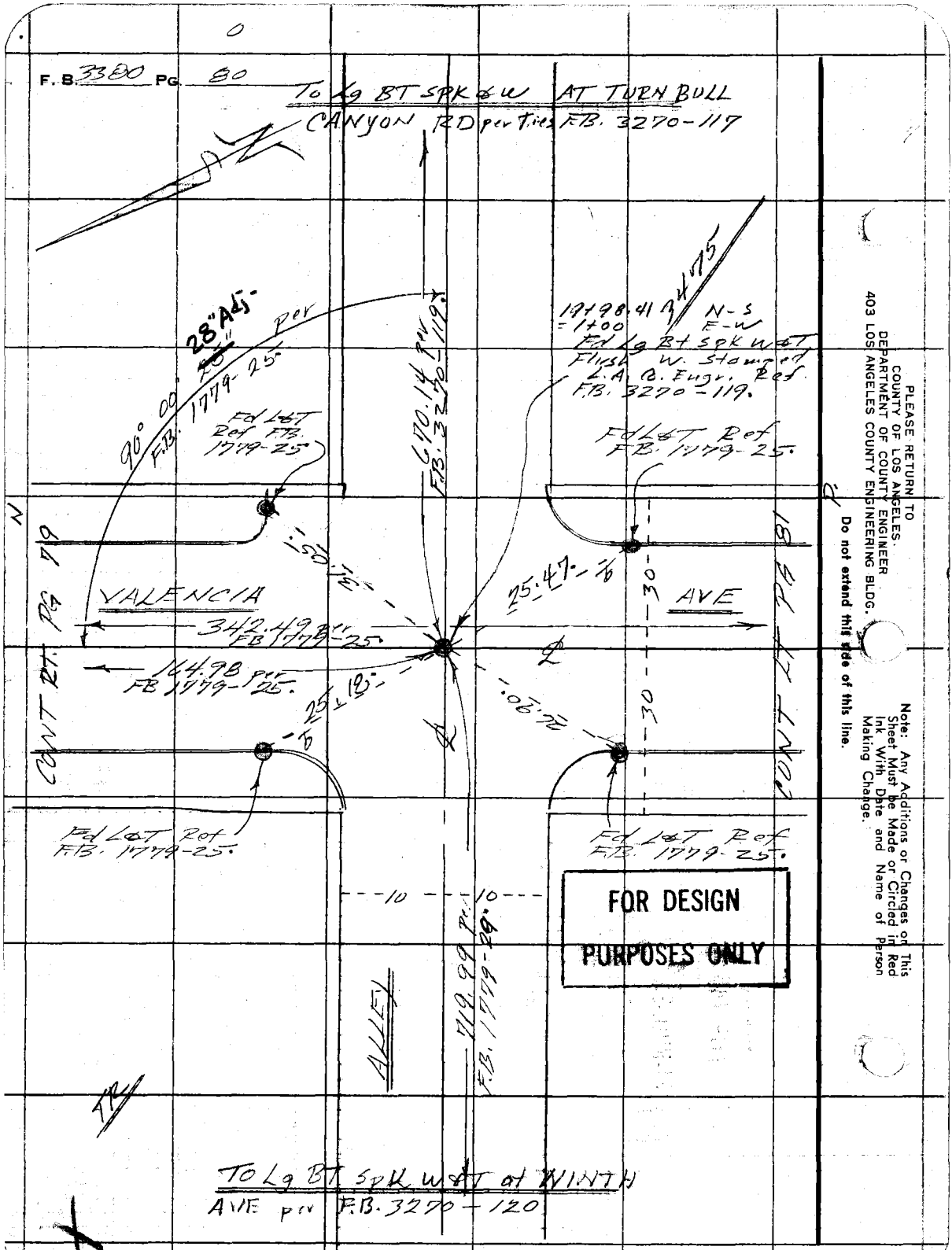
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3380 Pg. 80



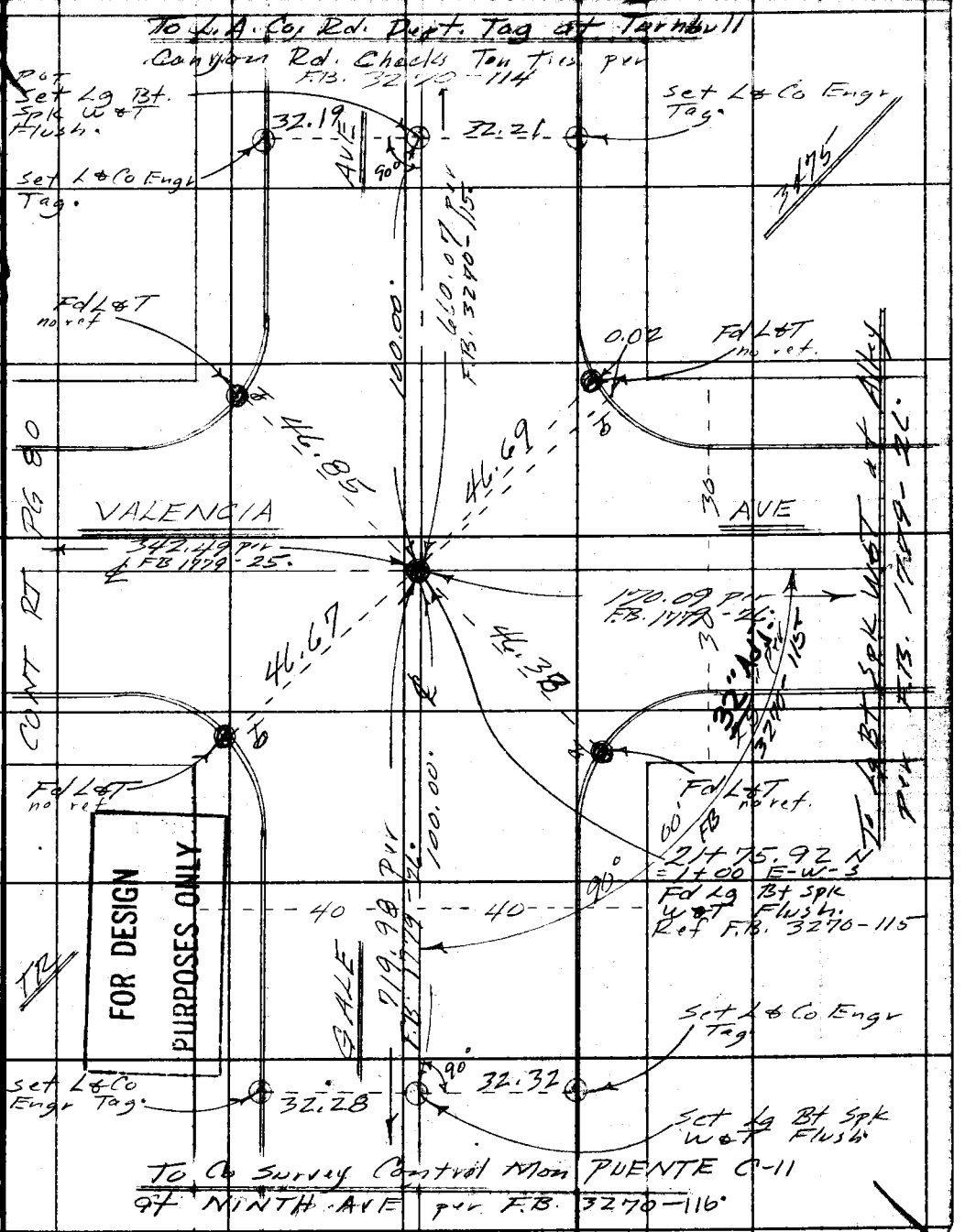
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Chk'd W. EDMONDSON	Survey [illegible]
Map No.	JN 6012.71 Tape 0198 Std 68 °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB-Guizado Date 11 Aug 71
Date	Indexed T. M. PALMERI

WS 37E-3



FOR DESIGN PURPOSES ONLY

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

Do not extend this side of this line.

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

76F3095 CE#310 3-69

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 this side of this line.

F. B. 3380 PG. 82

9

Notes C'd'd by _____

Map No. _____

Office Work _____

Checked _____

Date _____

Survey chkd _____

JN 6012.71 Tape _____ Std _____ °F

Surveyed by FE Brooks

Notes FEB Date 8/4/71

Indexed T. M. PALMERI SEP 14 '71

JN 6012.71

STORM DRAIN PROJECT

No 1271

LINE B.

LOCATION OF IMPROVEMENTS.

FE Brooks
GO Guizado
RA Moore
T Okashi

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

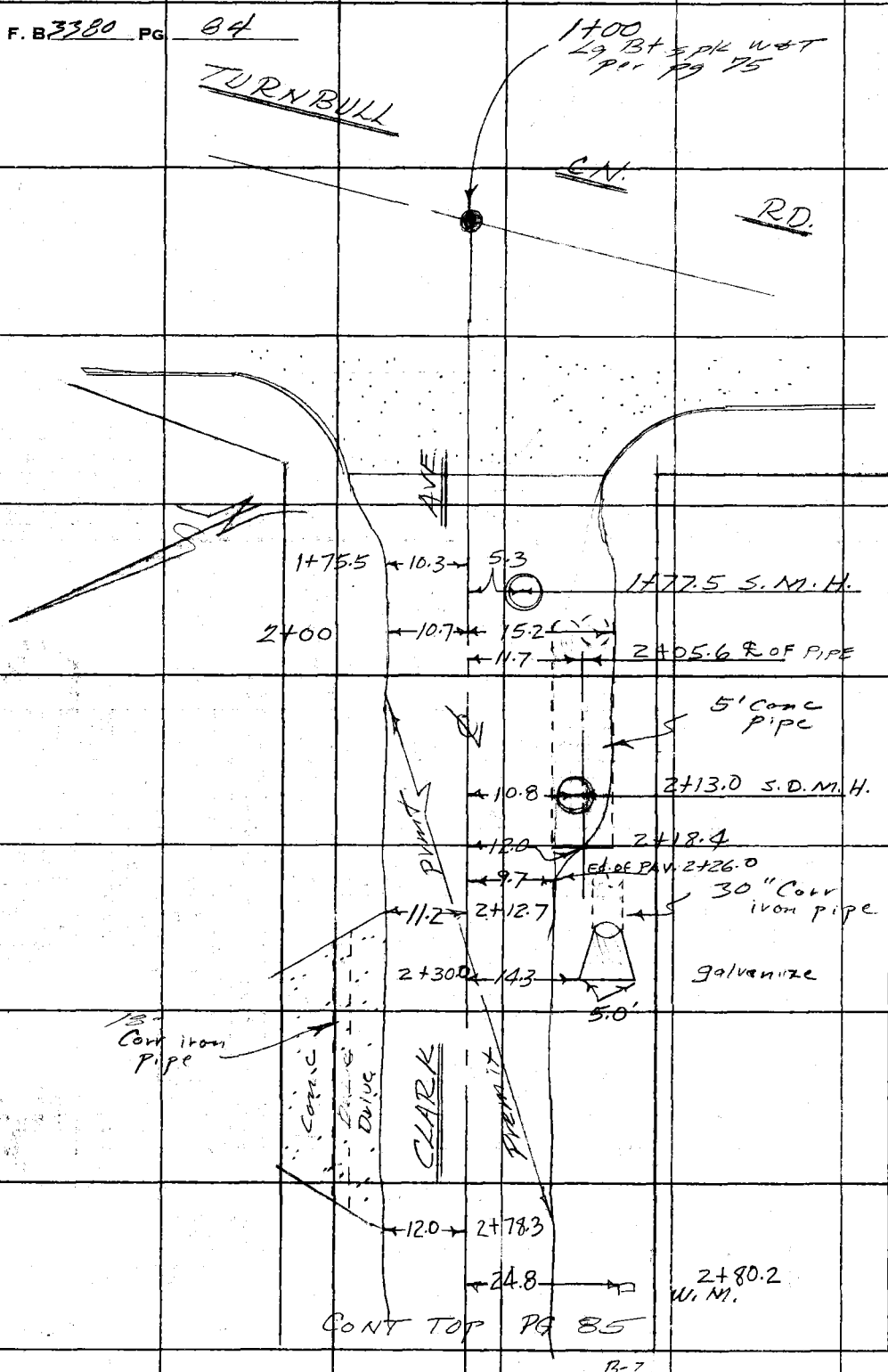
Do not extend this side of this line.

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

76F309S CE#310 3-69

B-1

F. B. 3380 PG. 84



B-2

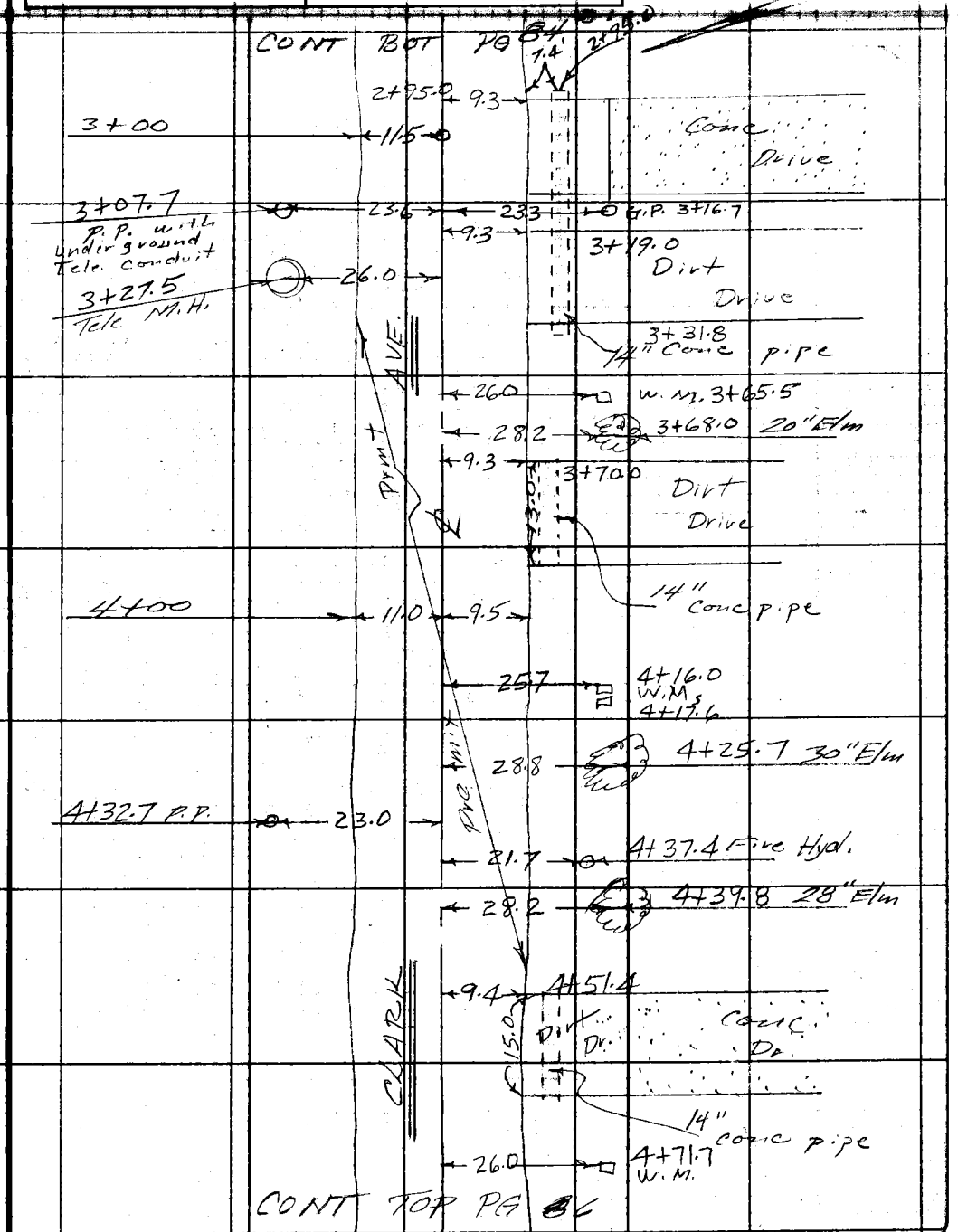
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of
Map No.	JN 2012.71 Tape Std °F
Office Work	Surveyed by FEB Crooks
Checked	Notes FEB-Guizado Date 13 Aug 71
Date	Indexed T. M. PALMERI

F. B. 3904 Pg. 85



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
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S CE#310 3-69

B-3

B-2

F. B. 3380 PG 86

CONT BOT PG 85

CONT TOP PG 87

B-4

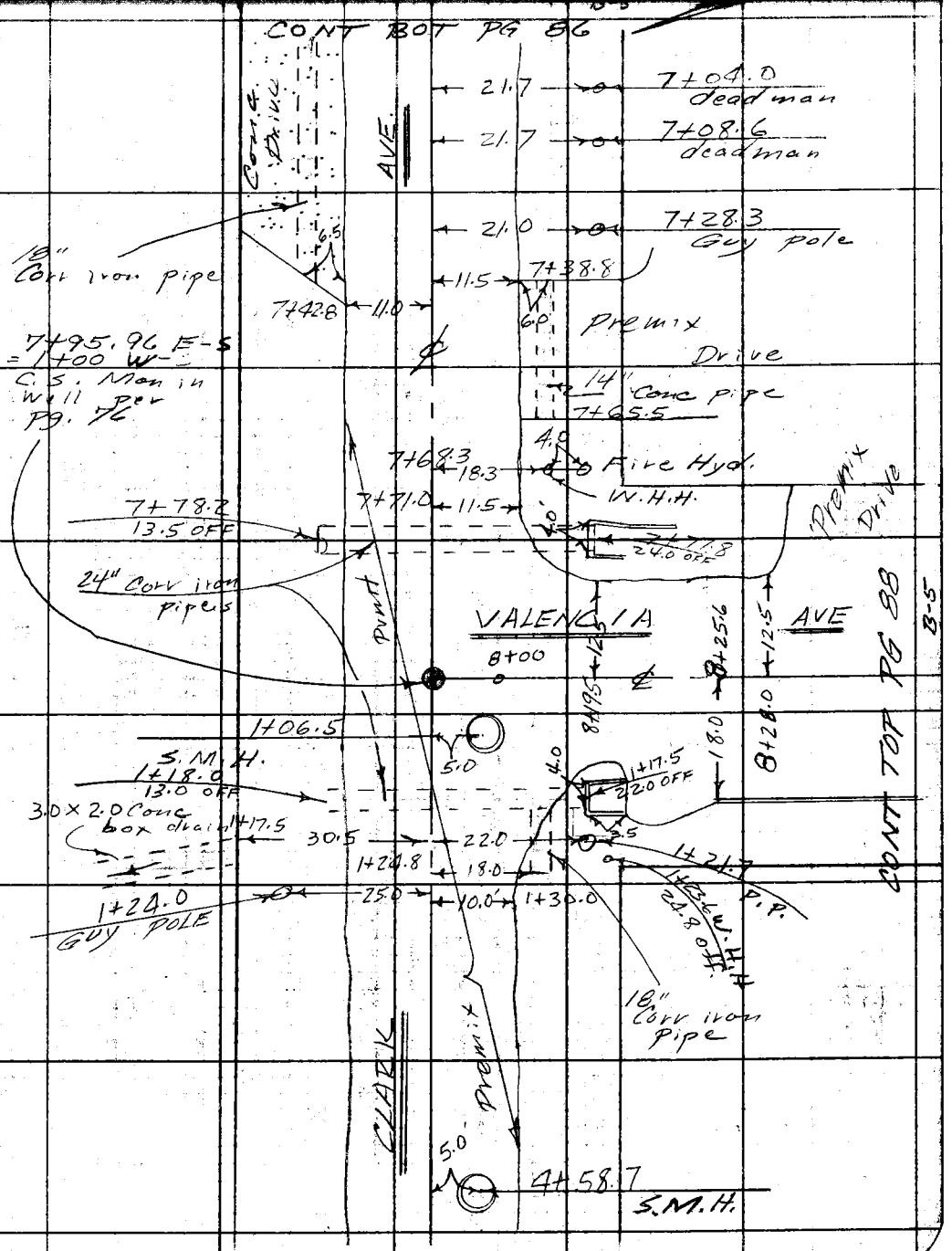
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

B-4

Notes Ckd by	Survey of S.P. Project HN 11 # 3380 pg 87
Map No.	JN 6017.71 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes FEB-Guizado Date 16 Aug 71
Date	Indexed T. M. PALMERI



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.

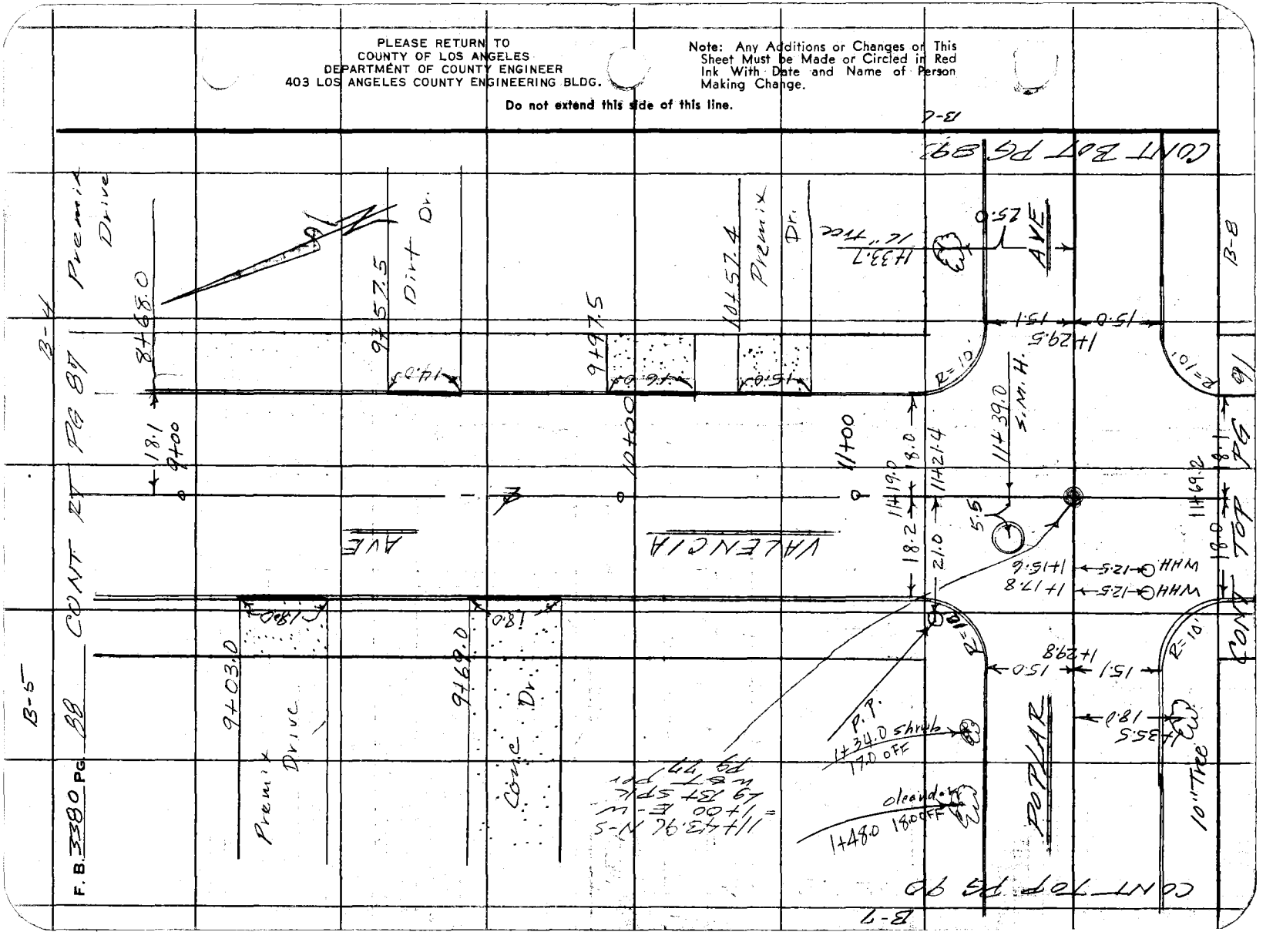
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

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

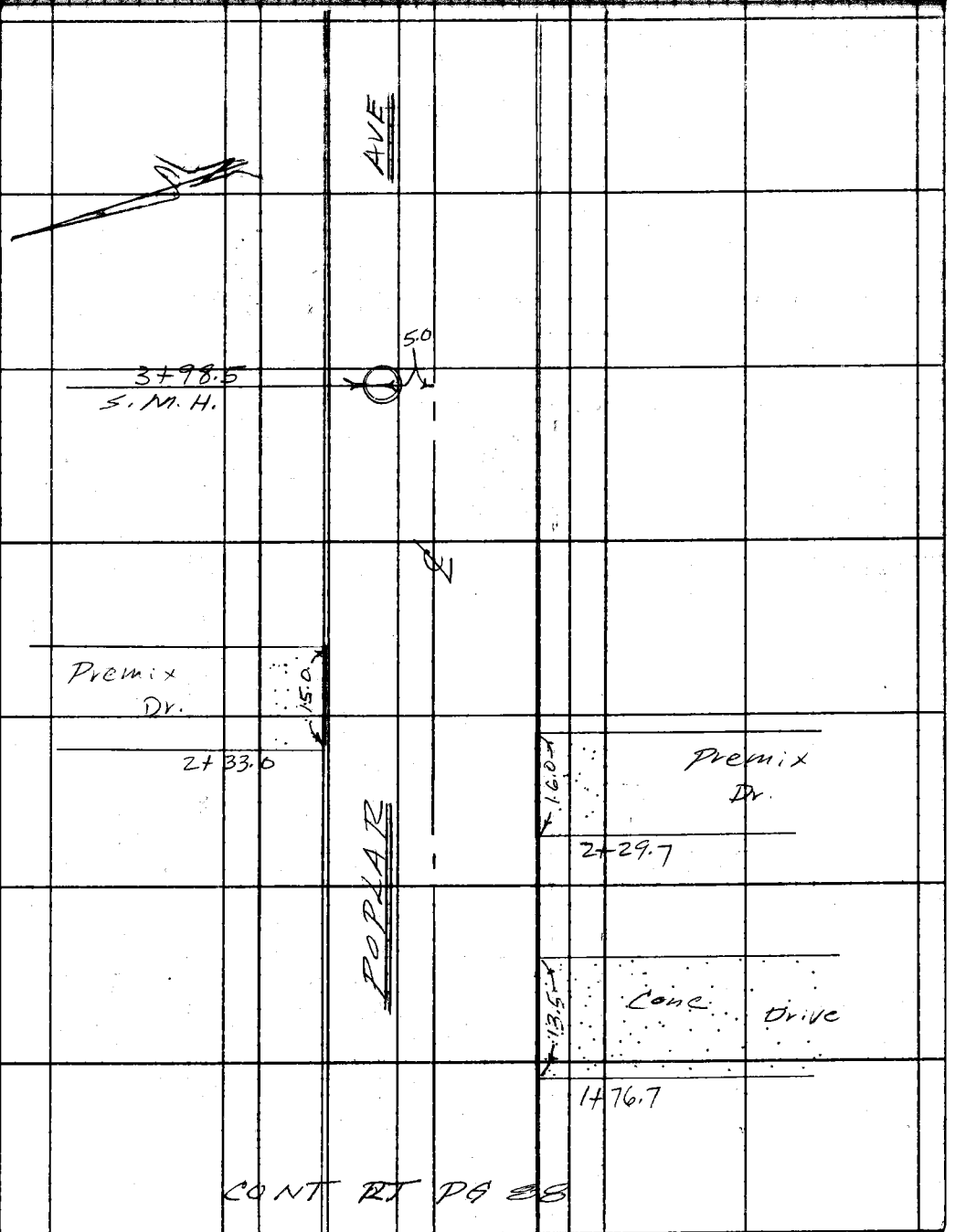
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.



B-C

Notes Ckd by	Survey of [illegible]
Map No.	JN 6012.91 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes FFB Guizado Date 16 Aug 71
Date	Indexed T. M. PALMERI



CONT RT PG 88

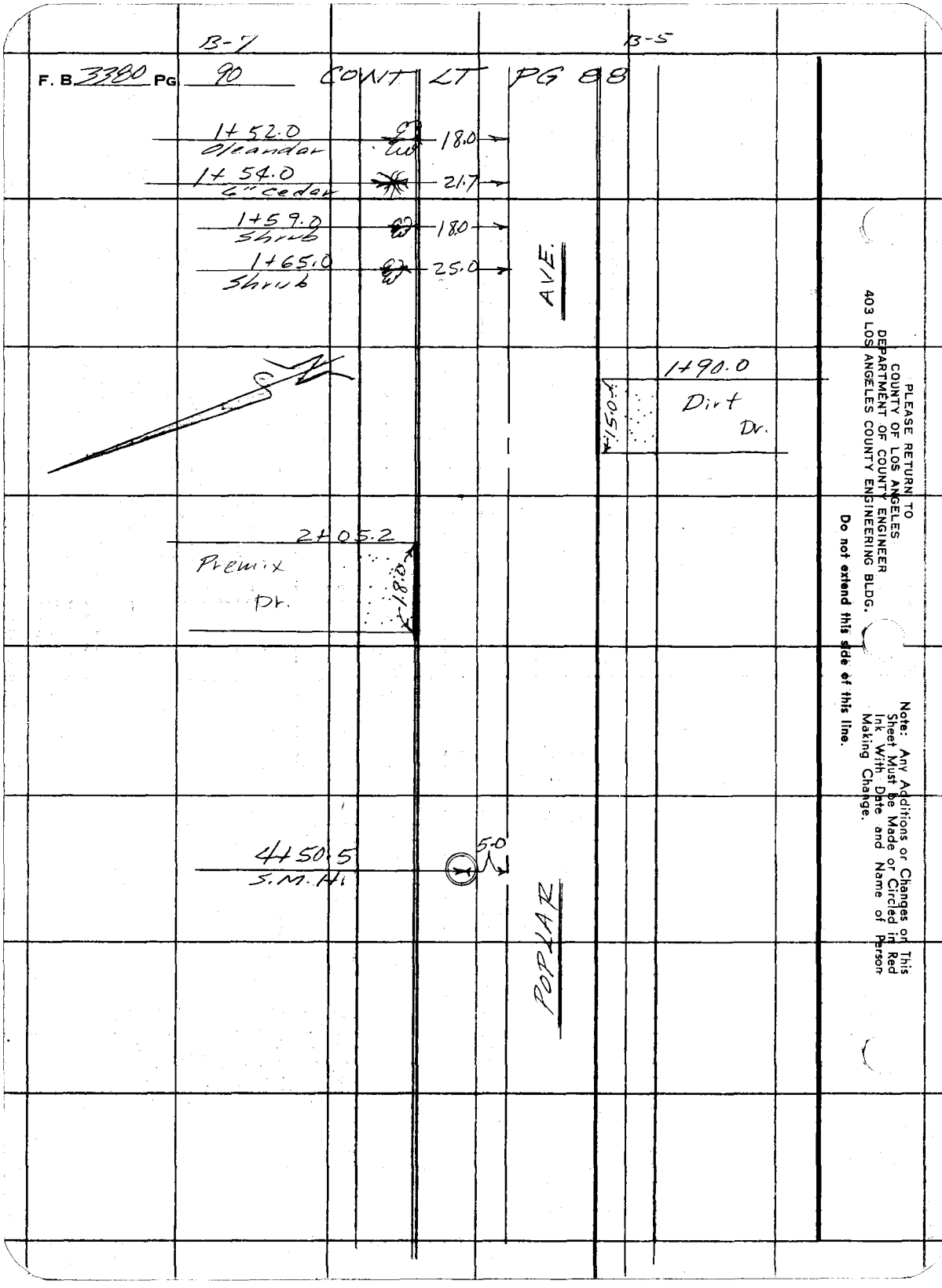
B-5

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

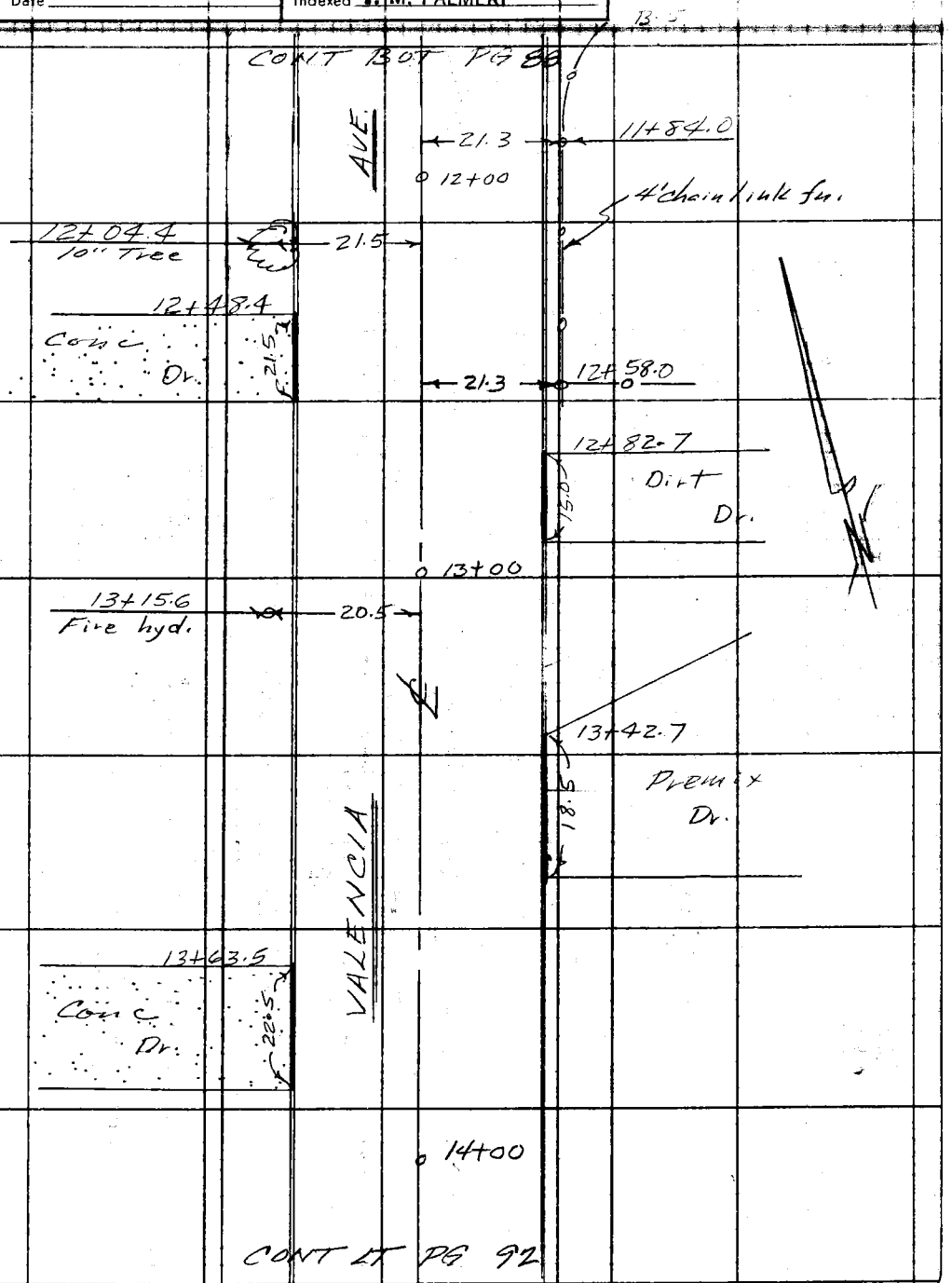
Do not extend this side of this line.

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

76F309S CE#310 3-69


B-7
B-5
F. B. 3380 PG 90
CONT LT PG 88
1+52.0
Oleandar
18.0
1+54.0
6" cedar
21.7
1+59.0
Shrub
18.0
1+65.0
Shrub
25.0
AVE.
1+90.0
Dirt
Dr.
15.0
2+05.2
Premix
Dr.
18.0
4+50.5
S.M.H.
5.0
POPLAR
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of [illegible] F.B. 3389 Pg. 11
Map No.	JN 2012.71 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes FEB - Guiseda Date 16 Aug 71
Date	Indexed T. M. PALMERI



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
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

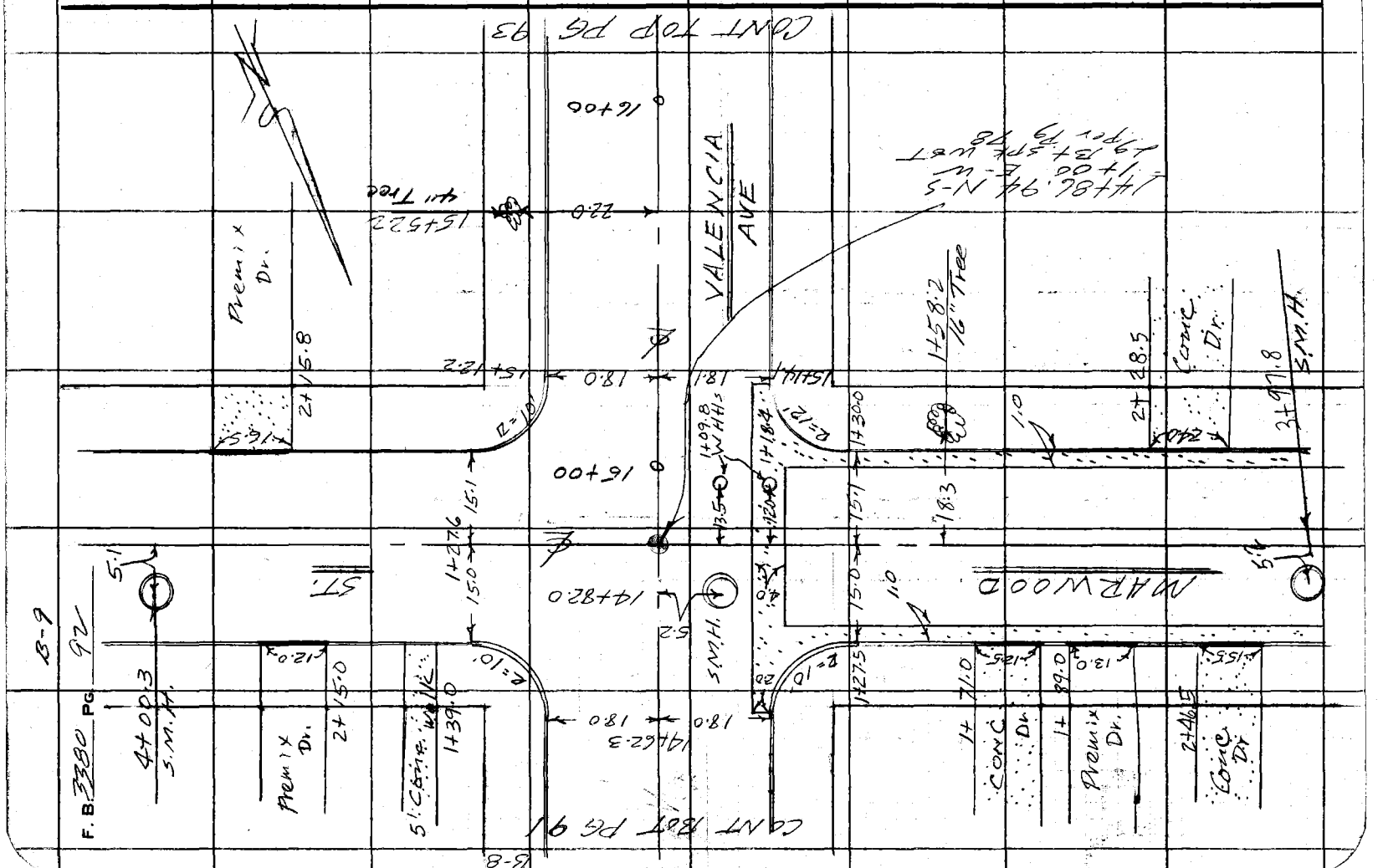
Do not extend this side of this line.

76F309S CE#310 3-69

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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.

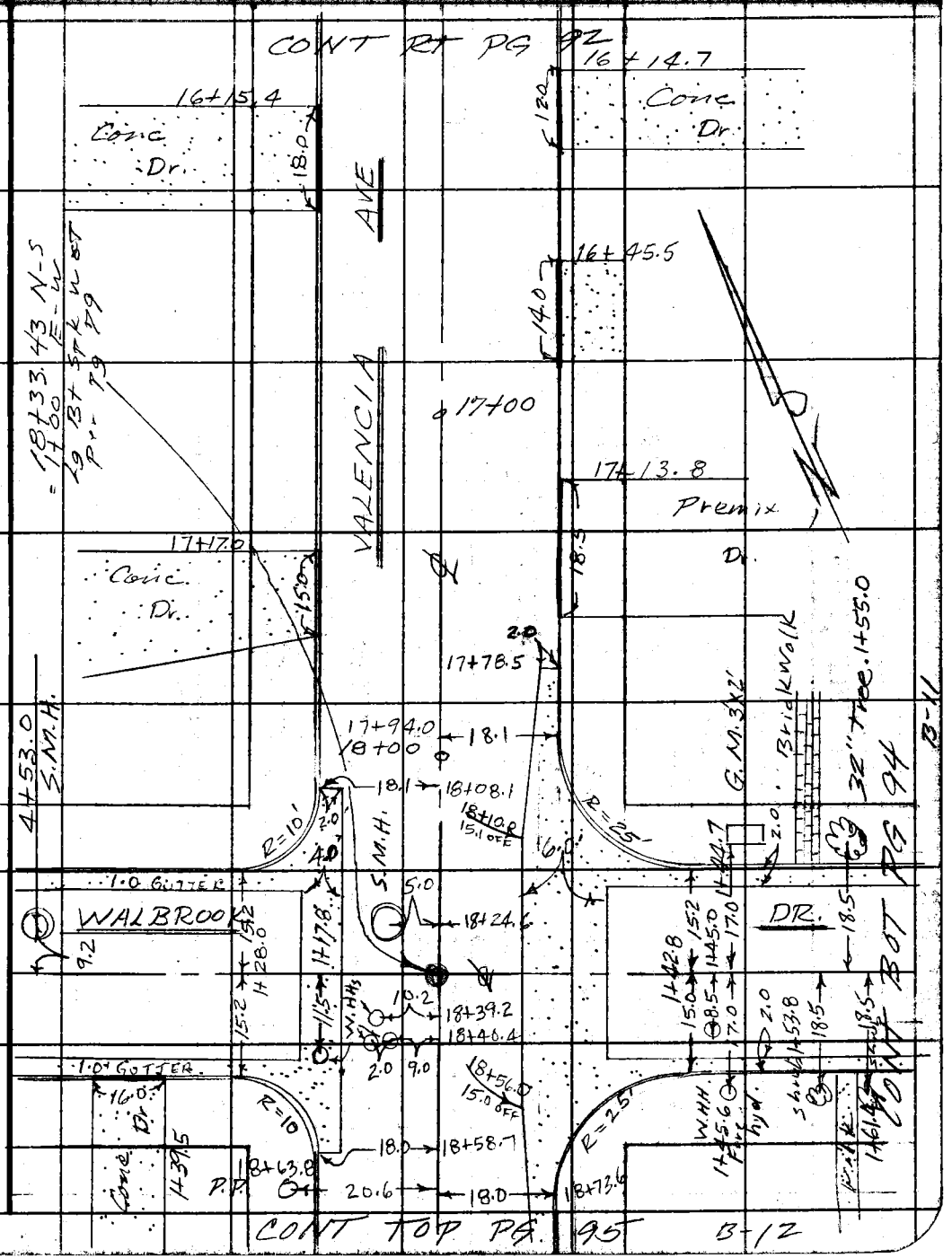
Do not extend this side of this line.



B-10

Notes Chkd by	Survey of [illegible]
Map No.	JN 6012-71 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB - Guizoda Date 16 AUG 71
Date	Indexed T. M. PALMERI

B-9



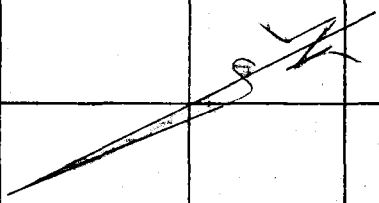
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F3095 CE#310 3-69

F. B. 3300 PG. 94



DR.

9.2

4+00.7
S.M.H.

Premix
Dr.

2+66.0

2.0

2.0

WALBROOK

Premix
Dr.

2+28.0

Premix
Dr

2+13.8

1+83.5 G.M.

1+81.0 W.M.

1+78.8 W.M.

17.6

17.6

17.6

17.7

W M 1+76.0

CONT RT PG 93

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

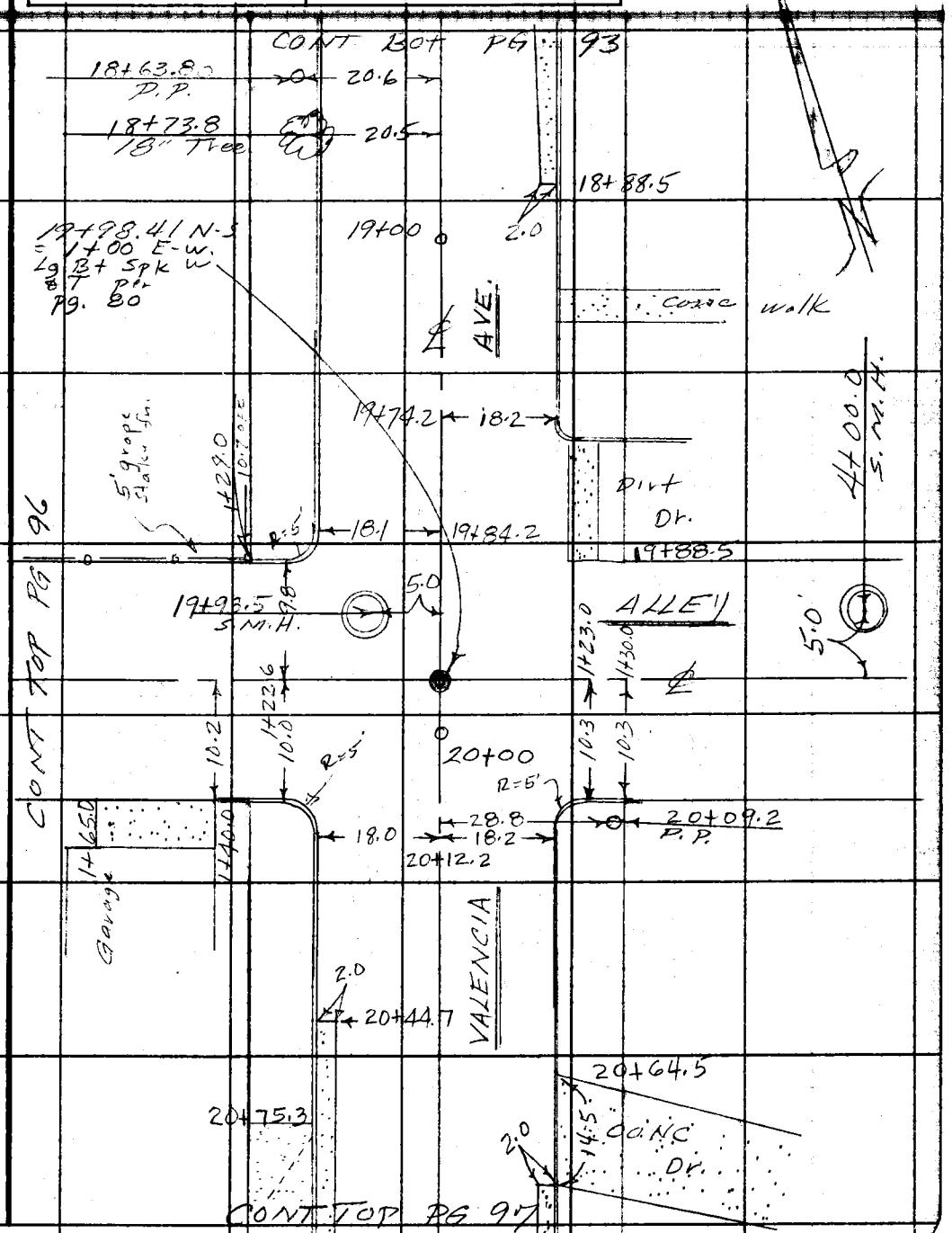
Do not extend this side of this line.

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

B-12

Notes Ck'd by	Survey of [illegible]
Map No.	JN 2012.71 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB-Guizot Date 16 Aug 71
Date	Indexed T. M. PALMERI

F.B. 3380 Pg. 15



B-13

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
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

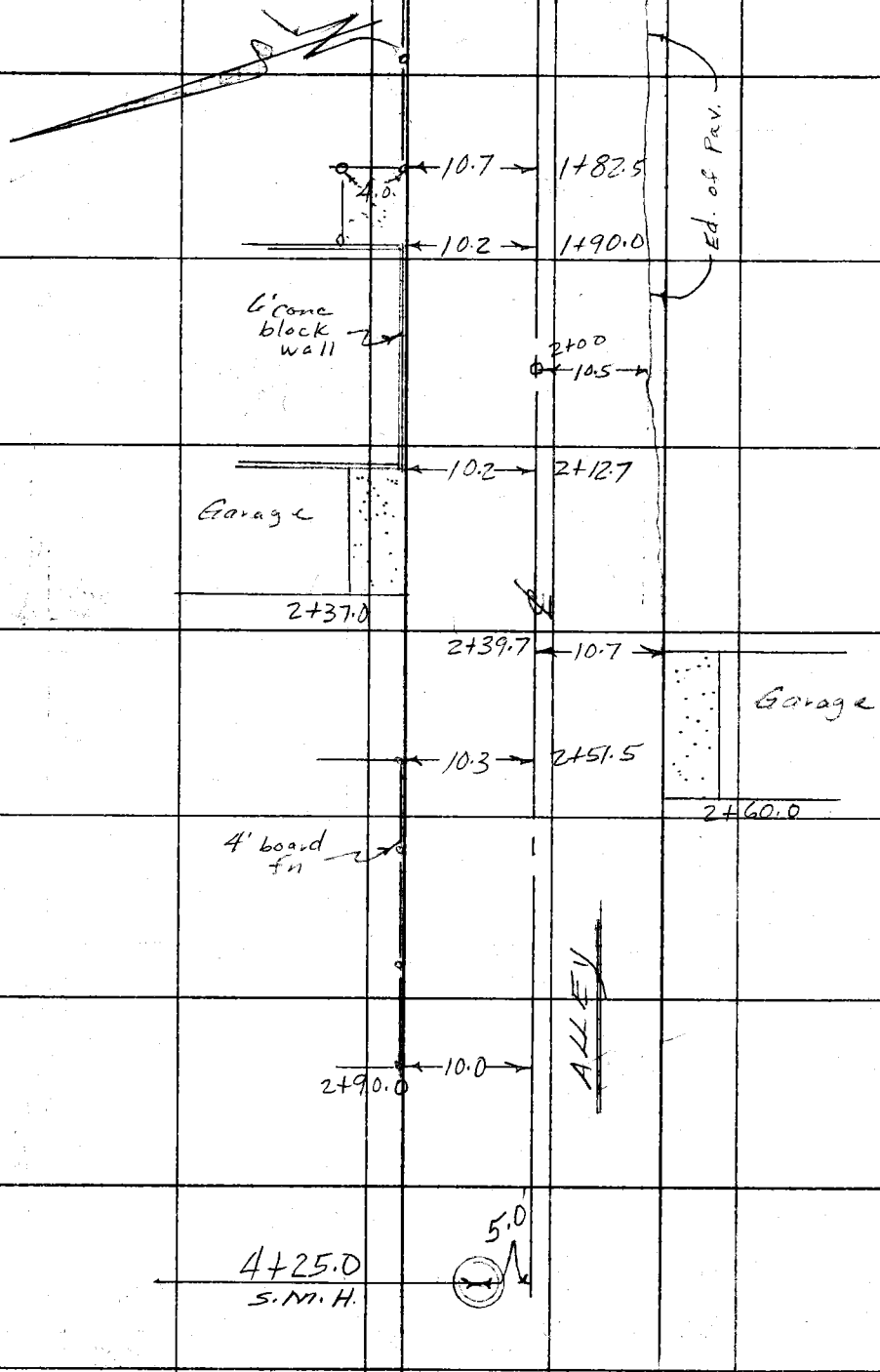
B-14

B-13

F. B. 3380 PG 96

CONT LT PG 95

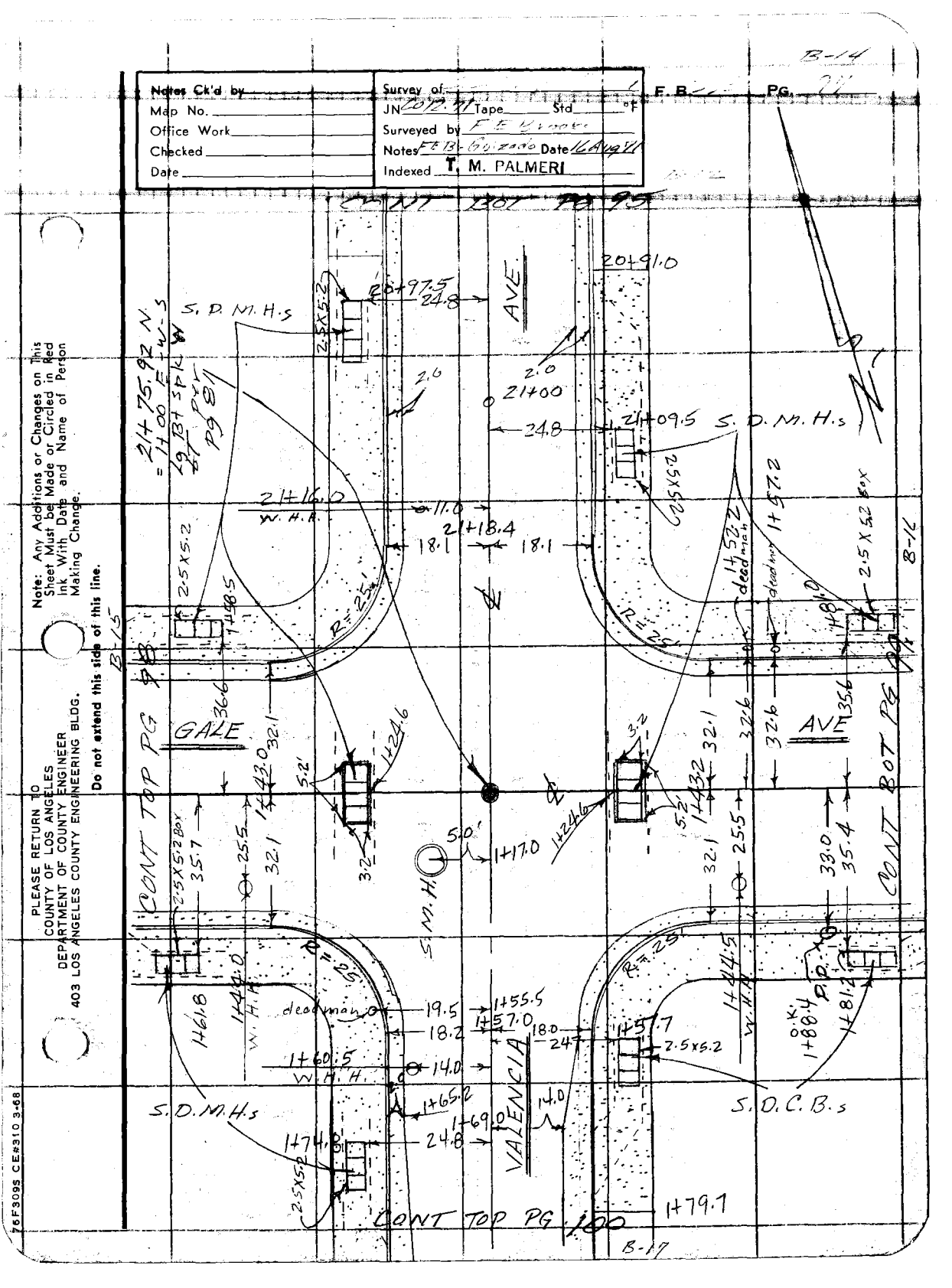
B-12



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

Do not extend this side of this line.

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



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.

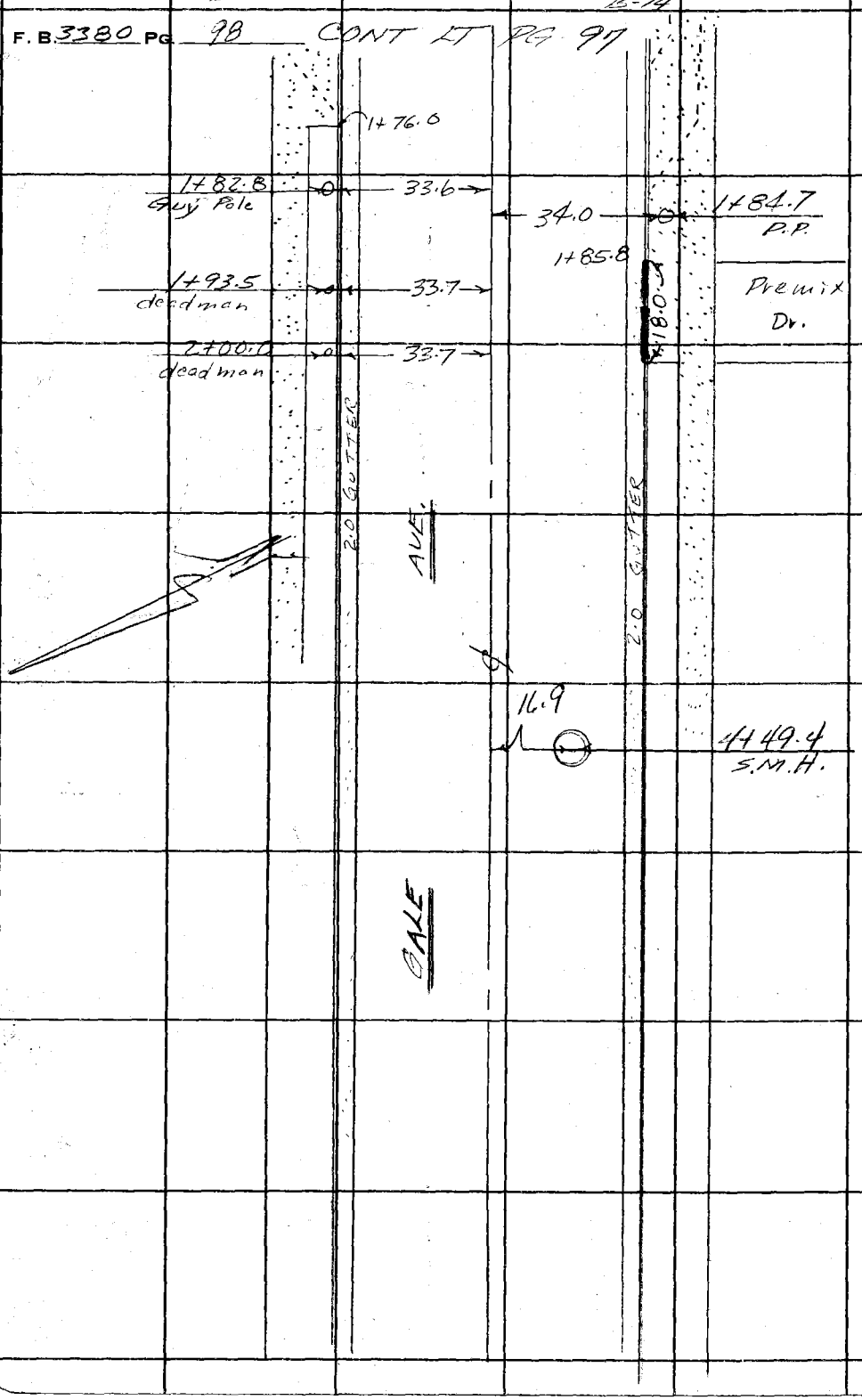
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

B-15

B-14

F. B 3380 Pg 98 CONT LT PG 97



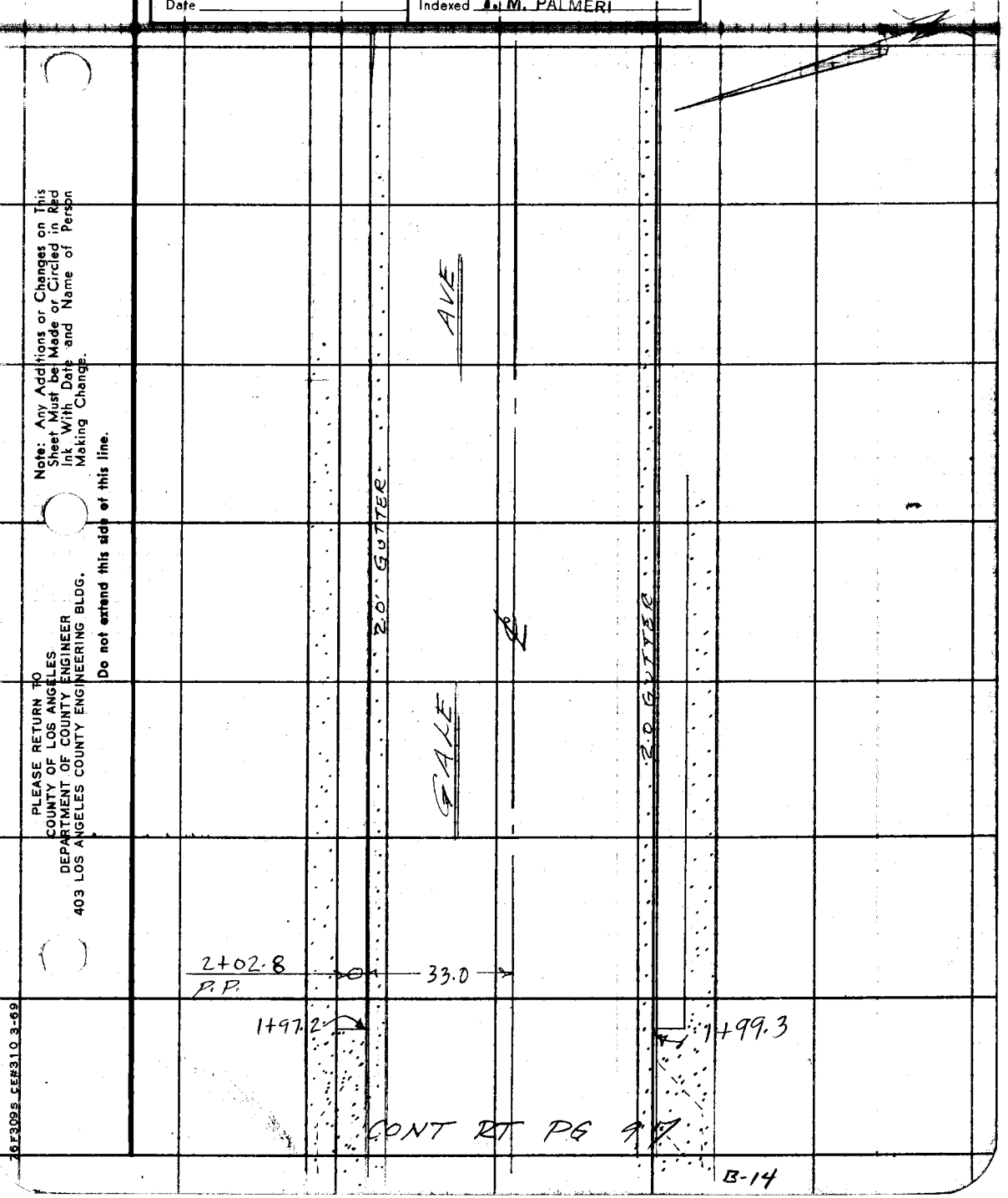
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

B-16

Notes Ch'd by	Survey [illegible]
Map No.	JN 6012 71 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB - Guizado Date 16 Aug 71
Date	Indexed T. M. PALMERI

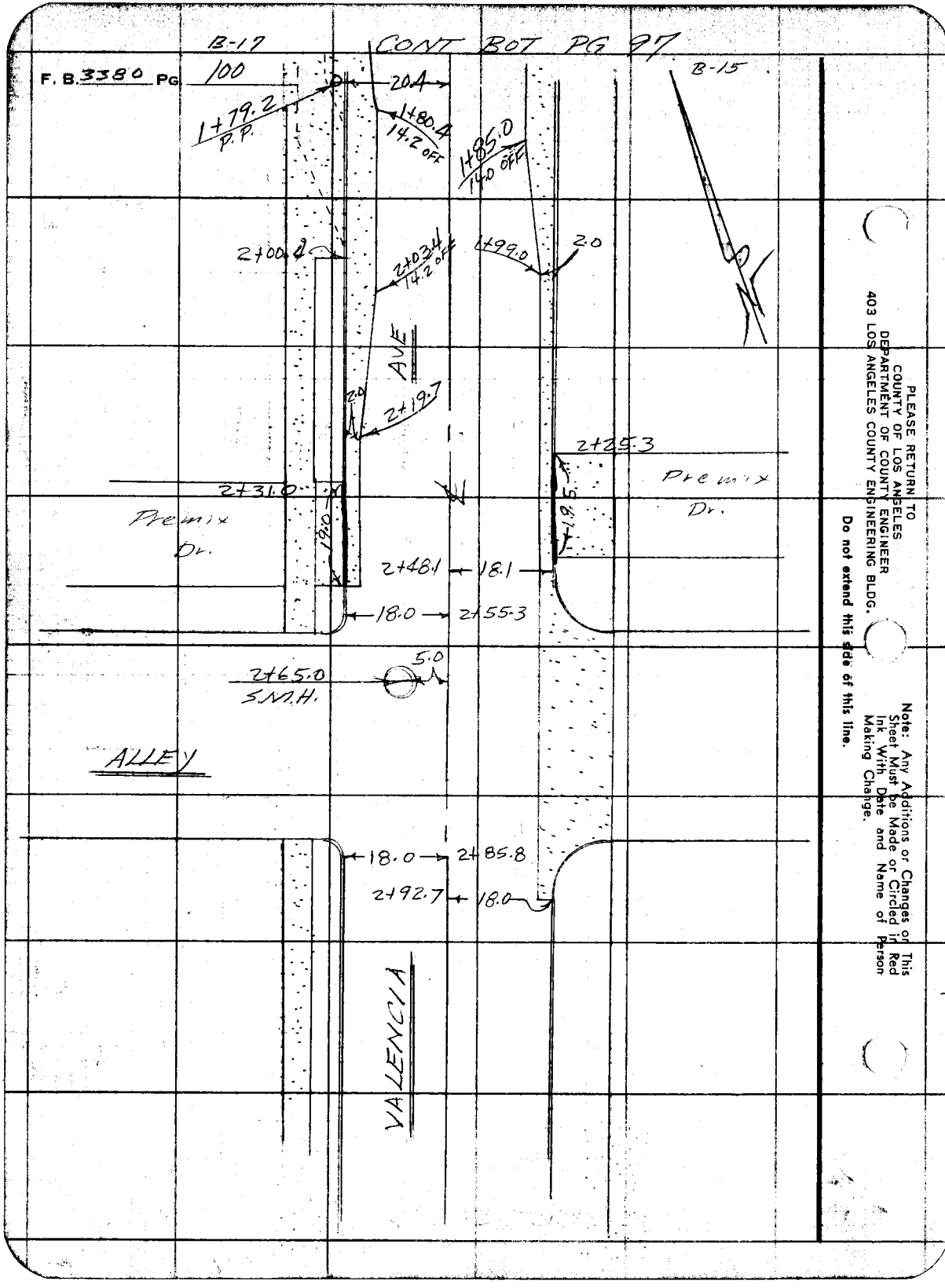


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S CE#310 3-69


B-17
CONT BOT PG 97
F. B. 3380 PG
100
1+79.2
P.P.
20.4
1480.4
14.2 OFF
1485.0
14.0 OFF
B-15
2+00.0
2+03.4
14.2 OFF
2+99.0
2.0
AVE
2.0
2+19.7
2+29.3
Premix
Dr.
2+31.0
Premix
Dr.
18.0
2+48.1
18.1
18.0
2+55.3
2+65.0
S.M.H.
5.0
ALLEY
18.0
2+85.8
2+92.7
18.0
VALENCIA
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes or This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Profile	Notes Red	Plotted	Job No.	Division No. 11	F. B.	PG.
No.	Date	Date	Survey of S.D. Project # 1271			
X-Sec.	Notes Chk'd.	Checked	Survey by	Notes	Date	
No.	Date	Date	Map No.	Indexed T. M. PALMERT	Date	14 '71

S.N. 6012.71

STORM DRAIN PROJECT

No 1271

LINE B

CROSS SECTIONS

LENKER ROD USED

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

FT Brooks
GO Guizado
R A Moore
T Ohashi

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
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM SD 2039				310 52	BM SD 2039 Elev. 310.~~516~~ 638 FB 3380-9 Turnbull Canyon Rd and Clark Ave S.W. Cor. P.K. spk in lead 70'± S. of S end C.R. 1' W. of W end of S.D. Catch Basin.	
					West on CLARK AVE	
					Lt or South ℄	Rt. or North
1+77.5 S.M.H.		E Rim = 310.76 W Rim = 310.80		310 79	5.3 Lt mean rim elev.	
					15" Inlet W	18" outlet N
					Rim 310.79	310.79
Invert	15"	Inlet W		298 20	meas 11.34	11.57
"	18"	Outlet N		297 72	Top pipe 299.45	299.22
					dia 1.25	1.50
					invert 298.20	297.72
2+13.0 S.D.M.H.		E Rim = 310.57 W Rim = 310.59		310 58	10.8 Lt. mean rim elev.	
2+18.4				310 83	℄	
				310 66		5.5 Rt pvmt
				310 43		11.0" edge pvmt

F. B. 3380 Pg. 102 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG 71 Date No.
Survey by FEBrooks Notes FEB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	& Rt. or North
2+18.4				310 3		14.6 Rt Top of be
				308 7		17.6 " ditch
				307 6		19.1 " Top of ba
				309 6		30.0 " P/L
				31079	6.0 Lt prmt	
				31034	12.0 " edge prmt over end of 5' con. pipe	
					Rim elev of S.D. MH	
					at 2+13.0 =	310.53
					meas =	8.66
					Invert =	301.92
				30192	12.0 Lt. Invert of 5' conc pipe	
				3106	17.0 " grounded	
				3104	30.0 " P/L.	
3+00				31090		&
				31076		5.7 Rt prmt
				31038		11.5 " edge of prmt
				3088		18.5 " ditch
				3099		20.5 " Top of bank
				3099		30.0 " P/L
				31084	4.6 Lt prmt	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. ____ Pg. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄ Rt. or North
3+00				31061	9.3 Lt edge prmt	
				31080	30.0 " P/L. @ conc. DC.	
4+00				31093		℄
				31081		5.5 Rt. Prmt
				31050		11.0 " edge prmt
				3094		18.5 " ditch
				3097		20.5 " Top bank
				3102		30.0 " P/L
				31090	4.7 Lt prmt	
				31080	9.5 " edge prmt	
				3105	15.5 " Top bank	
				3096	19.0 " ditch	
				3106	22.5 " Top bank	
				3106	30.0 " P/L	
5+00*				31112		℄
				31096		5.6 Rt prmt
				31062		11.3 " edge prmt
				3096		18.5 " ditch
				3105		24.5 " Top bank

F. B. 3380 Pg. 164 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #127 Date 18 AUG 71 Date No.
Survey by F.E. Brooks Notes FEB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄	Rt. or Nort.
5+00				3104			30.0 Rt P/L
				31109	4.6 Lt. prmt		
				31095	9.3 " edge prmt		
				3108	15.3 " Top bank		
				3095	18.8 " ditch		
				3109	21.3 Top bank		
				3110	30.0 " P/L		
5+14.4 SMH		F Rim = 311.08 W Rim = 311.10		311 09	5.0 Lt mean rim elev.		
						15" Inlet W	15" Outlet E
					Rim	311.09	311.0[illegible]
Invert 15" Inlet W				298 79	meas	11.05	11.0[illegible]
" " Outlet E.				298 81	Top pipe	300.04	300.0[illegible]
					dia	1.25	1.2[illegible]
					invert	298.79	298.81
6+00				31121		℄	
				31110			5.5 Rt prmt
				31085			11.0 " edge of [illegible]
				3098			18.0 " ditch
				3102			23.0 " Top ban[illegible]

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of S. D. Project #1 [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

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

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄ Rt. or North
6+00				3107		30.0 Rt P/L
				31120	4.9 Lt. prmt	
				31108	9.8 " edge prmt	
				3107	14.8 " Top bank	
				3101	19.8 " ditch	
				3107	23.0 " Top bank	
				3108	30.0 " P/L	
7+00				31120		℄
				31108		5.6 Rt prmt
				31086		11.2 " edge prmt
				3092		17.2 " ditch
				3108		19.2 " Top bank
				3108		30.0 " P/L
				31117	5.4 Lt prmt	
				31096	10.8 " edge prmt	
				3110	15.8 " Top bank	
				3102	18.8 " ditch	
				3111	20.8 " Top bank	
				31140	30.0 " P/L. @ PRE-MIX LOT	

F. B. 3380 PG. 106
Job No. 6012.71 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of S. D. Project #1271 Date 18 AUG 71 Date ____ No. ____
Survey by FEBrook Notes FEB - Guizado Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed T. M. PALMERI Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South ℄ Rt. or Nor
7+71.0				311 89	℄
				311 75	5.7 Lt Prmt
				311 37	11.5 Lt edge prmt
				311 0	30.0 " P/L
7+95.96				312 00	℄ inter
					West on CLARK AVE.
					Lt. or South ℄ Rt. or North
1+06.5 S.M.H		E Rim = 311.90 W Rim = 311.88		311 89	5.0 Lt. mean rim elev.

	12" Inlet W	10" Inlet S	15" Outlet E
Rim	311.89	311.89	311.89
meas	11.48	11.20	11.42
Top pipe	300.41	300.69	300.47
dia	1.00	0.83	1.25
invert	299.41	299.86	299.22

Invert	12" Inlet W			299 41	
"	10" " S			299 86	
"	Outlet E			299 22	
1+30.0				311 69	℄.
				311 62	5.5 Rt prmt
				311 44	11.0 " edge prmt
				310 2	21.0 " ditch

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. 11 Survey of S.D. Project #1271 Survey by ____ Notes ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____

F. B. 3380 Pg. 111

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄ Rt. or North
1+30.0				311 0		23.0 Rt Top bank
				311 1		30.0 " P/L
				311 60	5.0 Lt. prmt	
				311 37	10.0 " edge prmt	
				311 1	15.0 " Top bank	
				310 1	20.0 " ditch	
				311 0	23.0 " Top bank	
				311 2	30.0 " P/L	
2+30.0				311 42		℄
				311 24		5.5 Rt prmt
				310 95		11.0 " edge prmt
				310 0		21.0 " ditch
				310 5		30.0 " P/L.
				311 35	5.0 Lt. prmt	
				311 10	10.0 " edge prmt	
				311 2	30.0 " P/L	
BM S.D. 2040				311 26	BM SD2040 Elev. 311.~~255~~ .370 FB3380-9 Valencia Ave E. Curb. P.K. spk in lead in front of house # 810	

F. B. 3380 Pg. 108 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1241 Date 18 AUG 71 Date No.
Survey by F.E. Brooks Notes F.F.B. - Quizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South ℄ Rt. or Nort.		
4+58.7	S.M.H.	E rim 311.43 W rim 311.43		311 43	5.0 Lt mean rim elev.		
						12" Inlet W	12" outlet E
Invert	12" Inlet	W.		300 77	Rim	311.43	311.43
"	" Outlet	E		300 77	meas	9.66	9.66
					Top pipe	301.77	301.77
					dia	1.00	1.00
					invert	300.77	300.77
					South on VALENCIA AVE		
					Lt or East ℄ Rt. or West		
8+25.6				311 57		℄	
				311 33			9.0 Rt prmt
				309 98			17.8" gutter
				310 52			18.0" Top ch
				311 47	6.2 Lt prmt		
				311 10	12.5" edge of prmt		
				311 2	15.5" Top bank		
				309 7	16.5" bottom of ditch		
				309 6	19.0" " " "		
				310 9	20.0" Top of bank		

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of S.D. Project #1771
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed T. M. PAI ME Date ____

F. B. 7800 Pg. 100

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄	Rt. or West.
8+25.6				3112	30.0 Lt P/L		
8+68.0				31148		℄	
				31111	9.0 Lt prmt		
				31024	18.0" gutter in		
				31066	18.1" Top cb.		
9+00				31163		℄	
				31143			9.0 Rt prmt
				31072			17.9" gutter in
				31125			18.1" Top cb.
				31130	9.0 Lt prmt		
				31055	17.8" gutter in		
				31100	18.0" Top cb.		
10+00				31244		℄	
				31220			9.0 Rt. prmt
				31163			18.0" gutter in
				31214			18.1" top cb.
				31212	9.0 Lt. prmt		
				31135	17.9" gutter in		

F. B. 3380 PG. 110 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG 71 Date No. X-Sec.
Survey by FEBrooks Notes FEB - Guizado Notes Chk'd. Checked No.
Indexed T. M. PALMERI Date Date Date

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red____ Plotted____ Job No.____ Division No.____
No.____ Date____ Date____ Survey of S.D. Project
X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed T. M. PALMER Date____

F.B. 3390 PG. 111

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄	Rt. or West
10+00				311 41	18.0 Lt. Top depressed cb.		
11+00*				313 33		℄	
11+09.0				313 44		℄	
				313 22		9.0 Lt. prm t	
				312 54		17.9" gutter in	
				313 16		18.0" Top cb.	
				313 05	9.1 Lt prm t		
				312 45	18.1" gutter in		
				312 88	18.2" Top cb.		
11+39.0	S.M.H.	N rim=313.85 S rim=313.87		313 86	5.5 Lt. mean rim elev.		
					8" Inlet S	8" Inlet W	8" Inlet E 10" outlet N
Invert	8" Inlet S			302 82	Rim 313.86	313.86	313.86 313.66
Invert	8" Inlet W.			302 88	Meas 10.37	10.31	10.27 10.35
Invert	8" Inlet E			302 92	Top pipe 303.49	303.55	303.59 303.51
Invert	10" Outlet N			302 68	dia 0.67	0.67	0.67 0.65
					Invert 302.82	302.88	302.92 302.66
11+43.96				313 95		℄ inter.	

76-L-298 CE 307 5-66

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

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

F. B. 3380 Pg. 112 | Job No. 6012.71 | Division No. 11 | Notes Red | Plotted | Profile
Survey of S.D. Project #12171 | Date 18 AUG. 71 | Date | No. | X-Sec.
Survey by T.E. Brooks Notes FEB - 82, 2 and 0 | Notes Chk'd. | Checked
Indexed T. M. PALMER | Date | Date | Date | No.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					West on POPLAR AVE.	
					Lt. or South	& Rt. or North
1+39.9				313 88		&
				313 62		7.5 Rt pvmt
				313 15		14.9 " gutter in
				313 62		15.0 " Top cb.
				313 82	7.5 Lt pvmt	
				313 54	15.0 " gutter in	
				314 04	15.1 " Top cb.	
1+79.8				314 05		&
				313 83		7.5 Rt pvmt
				313 31		14.9 " gutter in
				313 62		15.0 " Top cb
				313 95	7.5 Lt pvmt	
				313 56	15.0 " gutter in	
				314 11	15.1 " Top cb.	
2+19.8				314 15		&
				313 95		7.5 RT. PVMT
				313 45		14.9 " GUTTER IN
				313 75		15.0 " TOP CURB
				314 21	7.5 Lt. PVMT	

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South ℄	Rt. or North
2+79.8				313 90	15.0 LT. GUTTER IN	
				314 30	15.1 " TOP CURB	
4+50.5	S.M.H.	E rim: 314.43 W rim: 314.43		314 43		6.0 Rt. mean rim elev.
					8" Inlet W	8" Outlet E
					Rim 314.43	314.43
Invert	8" Inlet W			306 68	meas 7.08	7.13
"	" Outlet E			306 58	Top pipe 307.35	307.25
					dia 0.67	0.67
					invert 306.68	306.58
					East on POPLAR Ave	
					Lt or North ℄	Rt. or South
1+39.5				313 62	℄	
				313 51		7.5 Rt print
				313 14		15.0 " gutter
				313 77		15.1 " Top cb.
				313 39	7.5 Lt. print	
				312 77	14.9 " gutter in	
				313 17	15.0 " Top cb.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 1017.11 Division No. 11
Date ____ Date ____ Survey of S.D. Project #1271
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed T. M. Palm Date ____

F. B. 330 Pg. 113

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North ℄	Rt. or South
1+79.5				313 68		℄
				313 58		7.5 Rt prmt
				313 22		15.0 " gutter in
				313 31		15.1 " Top depressed cb.
				313 35	7.5 Lt prmt	
				312 73	14.9 " gutter in	
				313 22	15.0 " Top cb.	
2+79.5				313 77		℄
				313 64		7.5 Rt prmt
				313 16		15.0 " gutter in
				313 76		15.1 " Top cb
				313 40	7.5 Lt. prmt	
				312 82	14.9 " gutter in	
				313 34	15.0 " Top cb.	
3+98.5 SMH		W Rim: 313.77 E Rim: 313.79		313 78	5.0 Lt. mean rim elev.	

		8" Inlet E	8" Outlet W
Invert 8" Inlet E	305 12	Rim 313.78	313.78
		meas 7.99	8.11
" " Outlet W	305 00	Top pipe 305.79	305.67
		dia 0.67	0.67
		invert 305.12	305.00

F. B. 3380 PG. 114 Job No. 6017.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG 71 Date No.
Survey by F.F. Brooks Notes FEB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile No. _____ Notes Red _____ Plotted _____ Job No. _____ Division No. _____
X-Sec. No. _____ Date _____ Date _____ Survey of _____
Notes Chk'd. _____ Checked _____ Survey by _____ Notes _____ Date _____
Date _____ Date _____ Map No. _____ Indexed T. M. PALMER Date _____

F. B. _____ Pg. _____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄	Rt. or West
					South on VALENCIA AVE		
11+79.2				314 37		℄	
				314 18			9.0 Rt. pvmt
				313 58			17.9 " Gutter in
				314 06			18.0 " Top cb.
				314 12	9.0 Lt pvmt		
				313 41	17.9 " gutter in		
				313 75	18.0 " Top cb.		
12+19.2				314 87		℄	
				314 57			9.0 Rt pvmt
				313 98			17.9 " gutter in
				314 54			18.0 " Top cb.
				314 58	9.0 Lt. pvmt		
				313 80	17.9 " gutter in		
				314 28	18.0 " Top cb.		
13+19.2				31 590		℄	
				315 69			9.0 Rt. pvmt
				315 11			17.9 " gutter in

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt. or West
13+19.2				31571		18.0 Rt Top cb.
				31568	9.0. Lt. prmt	
				31491	17.9 " gutter in	
				31543	18.0 " Top cb.	
14+00				31693		℄
				31675		9.0 Rt prmt
				31626		17.9 " gutter in
				31672		18.0 " Top cb.
				31660	9.0 Lt. prmt	
				31597	17.9 " gutter in	
				31640	18.0 " Top cb.	
BM S.D. 2041				31681	BM S.D. 2041 Elev. 316. ~~804~~ 915 FB 3380-10 Valencia Ave and Markwood St N.W. Cor. 80'± N. of N. end C.R. 9' W of W cb. PK spk. in lead in walk.	
14+52.3				31760		℄
				31736		9.0 Rt prmt
				31681		17.9 " gutter in

F. B. 3380 Pg. 11L
Job No. 6017.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 Aug 71 Date No.
Survey by F.F. Brooks Notes FFB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. ____ PG. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	& Rt. or West
14+52.3				317.26		18.0 Rt Top ch.
				317.31	9.0 Lt prmt	
				316.61	10.9 " gutter in	
				317.11	18.0 " Top ch.	
14+82.0	S M.H.	N rim = 317.87 S rim = 317.89		317.86		5.2 Rt. mean rim elev.
					8" Inlets S	8" Inlet W 8" Inlets N
	Invert 8"	Inlet S		307.04	Rim 317.88	317.88 317.88 317.88
	" "	" W		307.12	meas. 10.17	10.09 10.19 10.31
	" "	" E		307.02	Top pipe 307.71	307.79 307.69 307.53
	" "	Outlet N		306.89	dia 0.67	0.67 0.67 0.67
					invert 307.04	307.12 307.02 306.86
14+80.94				317.97		& inter.
					West on MARWOOD	St.
					Lt. or South	& Rt. or North
14+37.5				317.70		&
				317.54		7.5 Rt prmt
				317.18		14.0 " gutter
				317.06		14.8 " gutter

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South.	℄ Rt. or North
				31769		15.0 Rt Top cb
1+40.0				31776		℄
				31777	7.5 Lt prmt	
				31742	14.1 " gutter out	
				31730	14.9 " gutter in	
				31791	15.1 " Top cb.	
1+77.5				31797		℄
				31773		7.5 Rt prmt
				31728		14.0 " gutter out
				31720		14.8 " gutter in
				31730		15.0 " Top cb depressed
				31806	7.5 Lt. prmt	
				31767	14.0 " gutter out	
				31757	14.8 " gutter in	
				31820	15.0 " Top cb.	
2+77.5				31827		℄
				31800		7.5 Rt prmt
				31755		14.0 " gutter in
				31745		14.8 " gutter out

F. B. 3380 PG. 118 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S. D. Project #1271 Date 18 Aug 71 Date No. X-Sec.
Survey by F.E. Brooks Notes F.E.B. - Quizado Notes Chk'd. Checked No.
Indexed T. M. PALMERI Date Date Date

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of S. D. Project #1277
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. 2400 Pg. 119

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South ℄	Rt. or North
24+77.5				318 13		15.0 Rt Top curb
				318 36	7.5 Lt grnd	
				318 00	14.0 " gutter in	
				317 90	14.8 " gutter out	
				318 53	15.0 " Top cb.	
3+97.8 S	M.H.	E rim = 318.04 W rim = 318.02		318 46		5.2 Rt meas rim to flow
					8" Inlet W	8" Outlet E
					Rim 318.46	318.46
					meas 6.86	7.07
		Invert 8" Inlet W		310 93		
		" " Outlet E.		310 72	Top pipe 311.60	311.39
					dia 0.67	0.67
					invert 310.93	310.72
					East on NARWOOD St.	
					Lt. or North ℄	Rt. or South ℄
1+99.6				317 74		7.5 Rt grnd
				317 61		15.0" gutter in
				317 22		15.1 " Top cb.
				317 66		

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North	℄ Rt. or South
1+37.6				31751	7.5 Lt. pvmt	
				31710	14.9 " gutter in	
				31737	15.0 " Top cb.	
1+77.6				31783		℄
				31770		7.5 Rt. pvmt
				31732		15.0 " gutter in
				31771		15.1 " Top cb.
				31761	7.5 Lt pvmt	
				31712	14.9 " gutter in	
				31743	15.0 " Top cb.	
2+77.6				31795		℄
				31788		7.5 Rt pvmt
				31748		15.0 " gutter in
				31744		15.1 " Top cb. depressed
				31771	7.5 Lt. pvmt	
				31723	14.9 " gutter in	
				31757	15.0 " Top cb	

F. B. 3380 Pg. 120
Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 Aug 71 Date No.
Survey by FF Brooks Notes FFB - Go 2 & do Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North ℄ Rt. or South
4+00 3 S M.H.		W Rim 317.93 F Rim 317.97		317 95	5.1 Lt mean rim elev.
					8" Inlet E 8" Outlet W
					Rim 317.95 317.95
Invert 8"		Inlet	E	309 45	meas 7.83 7.95
" "		Outlet	W	309 33	Top pipe 310.12 310.00
					dia 0.67 0.67
					invert 309.45 309.33
					South on VALENCIA AVE.
					Lt. or East ℄ Rt. or West
o.k. 15+24.1				31 8 32	℄
				31 8 10	9.0 Rt prmt
				31 7 46	17.9 " gutter in
				31 8 00	18.0 " Top ch.
o.k. 15+22.2				31 8 30	℄
				31 8 02	9.0 Lt prmt
				317 33	18.0 " gutter in
				317 74	18.1 " Top ch.

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of S.D. Project #
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. ____ Pg. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt. or West
15+62.2				318.76		℄
				318.54		9.0 Rt prmt
				317.95		17.9 " gutter in
				318.38		18.0 " Top cb.
				318.47	9.0 Lt prmt	
				317.68	18.0 " gutter in	
				318.03	18.1 " Top cb.	
16+62.2				319.84		℄
				319.69		9.0 Rt prmt
				318.98		17.9 " gutter in
				319.54		18.0 " Top cb.
				319.49	9.0 Lt prmt	
				318.68	18.0 " gutter in	
				319.07	18.1 " Top cb.	
17+00*				320.21		℄
				320.00		9.0 Rt prmt
				319.38		18.0 " gutter in
				319.87		18.1 " Top cb.
				319.86	9.0 Lt. prmt	

F. B. 3380 PG. 122 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG 71 Date No.
Survey by FE Brook Notes FEB-Gaizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of S. D. Pal[illegible] and H. Pavill
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER to ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄	Rt. or West	
17+00				319.07	18.0 Lt. gutter in			
				319.57	18.1 " Top ob.			
17+84.0				320.29		℄		
				320.22	9.0 Lt pvmt			
				320.07	15.9 " gutter out			
				319.86	17.9 " gutter in			
				320.52	18.1 " Top ob.			
17+98.1				320.42		℄		
				320.37			9.0 Rt. pvmt	
				320.12			17.9 " gutter	
				320.92			18.1 " Top ob.	
18+24.6	S.M.H.	W line = 320.76 E line = 320.78		320.77			5.0 Rt. mean [illegible]	
					8" Inlet S	8" Inlet W	8" Inlet E	8" Outlet N
Invert	8" Inlet S			311.19	Rim	320.77	320.77	320.77
"	" " W			311.18	Meas	8.91	8.92	8.87
"	" " E			311.23	Top pipe	311.86	311.85	311.90
"	" Outlet N			311.10	Dia	0.69	0.69	0.69
					Invert	311.19	311.18	311.23

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

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East ℄	Rt. or West.
18+33.43				320 85		℄ inter.
					West on WALBROOK DR.	
					Lt. or South ℄	Rt. or North.
1+38.0				321 44		℄
				321 19		7.6 Rt pvmt
				320 58		14.2 " gutter out
				320 46		15.0 " gutter in
				321 06		15.2 " Top cb.
				321 39	7.6 Lt pvmt	
				321 11	14.2 " gutter out	
				321 04	15.0 " gutter in	
				321 44	15.2 " Top cb.	
1+78.0				321 77		℄
				321 48		7.6 Rt pvmt
				320 88		14.2 " gutter out
				320 74		15.0 " gutter in
				321 38		15.2 " Top cb.
				321 71	7.6 Lt. pvmt	
				321 36	14.2 " gutter out	

F. B. 3380 Pg. 124 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 Aug '71 Date No.
Survey by FE Brooks Notes FFB-Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of S. D. Project ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMIERE
F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. of South ℄	Rt. or North ℄
1+78.0				321 21	15.0 Lt. gutter in	
				321 87	15.2 " Top cb.	
2+78.0				322 43	℄	℄
				322 18		7.6 Rt. p.m.t.
				321 49		14.2 " gutter out
				321 37		15.0 " gutter in
				321 45		15.2 " Top cb. across st
				322 33	7.6 Lt. p.m.t.	
				321 97	14.2 " gutter out	
				321 87	15.0 " gutter in	
				322 52	15.2 " Top cb.	
4+53.0 SMH		E Rim = 323.11 W Rim = 323.13		323 12		9.2 Rt. mean in manhole
					8" Inlet W	8" Outlet E
					Rim 323.12	323.12
		Invert 8" Inlet W		314 79	meas 7.66	7.77
		" " Outlet E		314 68	Top pipe 315.46	315.35
					dia 0.67	0.67
					invert 314.79	314.68

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					East on WALBROOK DR.	
					Lt. or North ℄	Rt or South
1+52.8				320 67	℄	
				320 73		7.5 Rt prmt
				320 73		13.0 " gutter out
				320 54		14.8 " gutter in
				321 18		15.0 " Top cb.
				320 54	7.6 Lt prmt	
				320 36	13.2 " gutter out	
				320 16	15.0 " gutter in	
				320 83	15.2 " Top cb.	
1+92.8				320 80	℄	
				320 85		7.5 Rt. prmt
				320 73		13.0 " gutter out
				320 52		14.8 " gutter in
				321 20		15.0 " Top cb
				320 64	7.6 Lt prmt	
				320 37	13.2 " gutter out	
				320 20	15.0 " gutter in	
				320 90	15.2 " Top cb.	

F. B. 3380 PG. 126
Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG 71 Date No.
Survey by FEBrooks Notes FEB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____ Notes ____ Date ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMORE

F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North		Rt. or South
2+92.8				321 02			
				320 99			7.5 Rt. print
				320 91			13.0 " gutter out
				320 75			14.8 " gutter in
				321 42			15.0 " Top ch.
				320 89	7.6 Lt. print		
				320 68	13.2 " gutter out		
				320 48	15.0 " gutter in		
				321 16	15.2 " Top ch.		
4+00.7 S.M.H.		W Rim = 320.99 E Rim = 321.01		321 00	9.2 Lt. mean rim elev.		
						8" Inlet E	8" Outlet W
					Rim	321.00	321.00
	Invert	8" Inlet	E	312 78	meas	7.55	7.61
	"	" Outlet	W	312 72	Top pipe	313.45	313.39
					dia	0.67	0.67
					invert	312.78	312.72
					South on VALENCIA AVE.		
					Lt. or East		Rt. or West
18+68.7				321 15			

76-L-298 CE 307 5-66

T.P. 321.51

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.	Lt. or East ℄	Rt. or West
18+68.7				321 10		9.0 Rt prmt
				320 86		17.8 " gutter in
				321 56		18.0 " Top cb.
18+83.6				321 29		℄
				321 19	9.0 Lt. prmt	
				320 88	15.8 " gutter out	
				320 72	17.8 " gutter in	
				321 37	18.0 " Top cb.	
19+08.7				321 64		℄
				321 46		9.0 Rt prmt
				321 31		17.9 " gutter in
				322 06		18.1 " Top cb.
				321 48	9.1 Lt. prmt	
				320 97	18.0 " gutter in	
				321 61	18.2 " Top cb.	
19+74.2				323 15		℄
				322 82	9.1 Lt prmt	
				322 09	18.1 " gutter in	

F. B. 3380 PG. 128 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 Aug 71 Date No.
Survey by FF Brooks Notes FFB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____ Notes ____
Notes Chk'd. ____ Checked ____ Survey by ____ Date ____
Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄	Rt. or West
19+71.2				322.47	18.2 Lt. Top eb.		
19+84.2				323.23		℄	
				323.03		9.0 Rt. Point	
				322.33		18.0 " gw. Hor.	
				322.94		18.1 " Top eb.	
— 19+93.5 SMH		N Rim = 323.29 S Rim = 323.31		323.30		5.0 Rt. meas. Rim	
					Inlet S	Inlet W	Inlet E
					Rim	323.30	323.30	323.30
Invert 8"	Inlet S			313.30	meas	9.33	9.33	9.29
"	"	" W		313.30	Top pipe	313.97	313.97	314.01
"	"	" E		313.34	dia	0.67	0.67	0.67
"	"	2nd H		313.16	invert	313.30	313.30	313.34
19+98.41				323.37		℄ inter.		
					West on ALLEY			
					Lt. or South	℄	Rt. or North
— 1+40				322.92		℄	
				322.76			10.0 Rt edge Pvt.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄	Rt. or North
1+40				32304	10.0 Lt. edge prmt		
1+80				32361		℄	
				32365			10.0 Rt edge prmt
				323 80	10.0 Lt edge prmt		
2+80				32421		℄	
				324 40			10.0 Rt edge prmt
				32445	10.0 Lt edge prmt.		
4+25.0 SMH.		E. rim = 325.38 W. rim = 325.38		325 38			5.0 Rt mean rim elev.
						8" Inlet W	8" Outlet E
					Rim	325.38	325.38
					meas	6.65	6.76
Invert 8" Inlet W				318 01	Top pipe	318.73	318.62
" " Outlet E				317 95	dia	0.67	0.67
					invert	318.06	317.95
					East on ALLEY		
					Lt. or North	℄	Rt. or South
1+40.				323 34		℄	

F. B. 3380 Pg. 130
Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S. D. Project #1271 Date 18 Aug 71 Date No.
Survey by FE Brooks Notes FEB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North ℄	Rt. or South
1+40				323 07		10.0 Rt. edge prmt
				323 46	10.0 Lt. edge prmt	
1+80				323 94	℄	
				323 66		10.0 Rt edge prmt
				324 00	10.0 Lt. edge prmt	
2+80				323 53	℄	
				323 29		10.0 Rt. edge prmt
				323 69	10.0 Lt. edge prmt	
4+00 S.M.H.		W. rim = 323.49 E. rim = 323.47		323 48	5.0 Lt. mean rim elev.	

	8" Inlet E	8" Outlet W
Rim	323.48	323.48
meas	8.17	8.2[illegible]
Top pipe	315.37	315.2[illegible]
dia	0.67	0.67
invert	314.~~70~~ .64	314.5[illegible]

Invert 8" Inlet E 314 70
" " Outlet W 314 59

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of S.D. Project #1711
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. ____ PG. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					South on VALENCIA AVE	
					Lt. or East ℄	Rt. or West
20+12.2				32351	℄	
				32335		9.0 Rt prmt
				32284		17.9 " gutter in
				32329		18.0 " Top cb
				32325	9.1 Lt prmt	
				32263	18.1 " gutter in	
				32298	18.2 " Top cb.	
21+00*				32469	℄	
21+08.4				32492	℄	
				32474		9.0 Rt prmt
				32457		16.1 " gutter out
				32442		17.9 " gutter in
				32510		18.1 " Top cb
				32443	9.0 Lt. prmt	
				32405	16.1 " gutter out	
				32390	17.9 " gutter in	
				32463	18.1 " Top cb	

F. B. 3380 Pg. 132 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S. D. Project # 1271 Date 18 Aug '71 Date No.
Survey by FE Brooks Notes FEB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMER Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt. or West
21+75.92				326 05		℄ inter
					West on GALE AVE.	
					Lt. or South	℄ Rt. or North
1+53.0				326 08		℄
				325 70		16.0 Rt. prmt
				325 30		30.1 " gutter out
				325 10		31.9 " gutter in
				325 77		32.1 " Top ch.
				326 30	16.0 Lt prmt	
				326 32	30.1 " gutter out	
				326 09	31.9 " gutter in	
				326 91	32.1 " Top ch.	
1+93.0				326 01		℄
				325 56		16.0 Rt prmt
				325 11		30.1 " gutter out
				324 91		31.9 " gutter in
				325 55		32.1 " Top ch.
				326 23	16.0 Lt prmt	
				326 01	30.1 " gutter out	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 3381 PG. 143
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Project #12 71
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South ℄	Rt. or North
1+93.0				32587	31.9 Lt. gutter in	
				32597	32.1 " Top cb. depressed	
2+93.0				32633		℄
				32568		16.0 Rt. prmt
				32521		30.1 " gutter out
				32503		31.9 " gutter in
				32566		32.1 " Top cb.
				32665	16.0 Lt. prmt	
				32647	30.1 " gutter out	
				32630	31.9 " gutter in	
				32695	32.1 " Top cb.	
4+49.4 S.M.H. see Pg 138						
					East on GALE AVE.	
					Lt. or North ℄	Rt. or South
1+53.2				32556		℄
				32566		16.0 Rt Prmt
				32542		30.1 " gutter out
				32527		31.9 " gutter in
				32598		32.1 " Top cb
				32525	16.0 Lt. prmt	

F. B. 3380 Pg. 134 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG 71 Date No.
Survey by F.F. Brooks Notes FEB - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North ℄	Rt. or South
1+53.2				324 93	30.1 Lt gutter out	
				324 80	31.9 " gutter in	
				325 32	32.1 " Top cb	
1+93.2				325 29		℄
				325 38		16.0 Rt prmt
				324 88		30.1 " gutter o
				324 68		31.9 " gutter i
				325 67		32.1 " Top cb
				324 82	16.0 Lt prmt	
				324 34	30.1 " gutter out	
				324 20	31.9 " gutter in	
				325 11	32.1 " Top cb.	
2+93.2				325 24		℄
				325 38		16.0 Rt prmt
				325 06		30.1 " gutter o
				324 92		31.9 " gutter i
				325 18		32.1 " Top cb
				324 87	16.0 Lt. prmt	
				324 54	30.1 " gutter out	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Project #1271
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. 3390 PG. 135

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North	℄	Rt. or South
2+93.2				324 37	31.9 Lt. gutter in		
				324 98	32.1 " Top ch		
					South on VALENCIA AVE		
					Lt. or East	℄	Rt. or West.
1+17.0 S.M.H.		N. rim=326.24 S. rim=326.26		326 25			5.0 Rt mean rim elev.
					8 Inlet S.	8 Inlet W	8 outlet N
					Rim 326 25	326.25	326.25
Invert	8" Inlet S.			316 00	meas 9.58	9.53	9.70
"	" " W			316 05	Top pipe 316 67	316.72	316 55
"	" Outlet N.			315 88	dia 0.67	0.67	0.67
					invert 316.00	316.05	315.88
1+67.0				326 55		℄	
				326 42			9.1 Rt prmt
				326 32			16.0" gutter out
				326 14			18.0" gutter in
				326 82			18.2" Top ch
				326 25	9.0 Lt. prmt		
				326 00	14.5" gutter out		
				325 68	17.8" gutter in		

15.

F. B. 3380 Pg. 136 Job No. 6017.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #12071 Date 18 AUG 71 Date No. X-Sec.
Survey by FEBrooks Notes FEB-Guizado Notes Chk'd. Checked No.
Indexed T. M. PALMERI Date Date Date

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt. or West
1+67.0				326 55	18.0 Lt. Top ch.	
2+07.0				326 88		℄
				326 56		9.0 Rt. prmt
				326 33		14.5 " gutter out
				326 07		17.8 " gutter in
				326 85		18.0 " Top ch.
				326 65	9.0 Lt. prmt	
				326 40	16.1 " gutter out	
				326 27	17.9 " gutter in	
				326 90	18.1 " Top ch.	
2+65.0 S.	M.H.	N rim = 327.66 S rim = 327.66		327 66		5.0 Rt meas rim [illegible]

	8 Inlet S	8 Inlet E	8 outlet N
Rim	327.66	327.66	327.66
meas	8.97	8.96	9.10
Top pipe	318.69	318.70	318.56
dia	0.67	0.67	0.67
invert	318 02	318.03	317.89

Invert	8" Inlet S	318 02	
"	" " E	318 03	
"	" Outlet N	317 89	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of S.D. Project #1271
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

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

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt. or West
3+07.0				328 35		℄
				328 20		9.0 Rt. prmt
				327 63		17.8 " gutter in
				328 10		18.0" Top ch.
				328 04	9.0 Lt. prmt	
				327 40	17.8 " gutter in	
				327 74	18.0 " Top ch.	
BM S.D. 2042				325 24	BM SD 2042 Elev. 325.~~239~~ 347 FB 3380-10 Valencia Ave and Gale Ave N.W. Cor. 5' N. of N end C.R. PK Spk in lead.	
S.M.H	on Gale W. of Valencia Ave					
4+49.4 S.M.H.		E rim 327.64 W rim 327.65		327 64	16.9 Lt. mean rim elev.	
					8" Inlet W	8" Outlet E
					Rim 327.64	327.64
Invert	8" Inlet W.			320 00	meas 6.97	7.09
"	" Outlet E.			319 88	top pipe 320.67	320.55
					dia 0.67	0.67
					invert 320.00	319.88

F. B. 3380 Pg. 138 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG 71 Date No.
Survey by F.E. Brook Notes F.E.B. Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date No.

Notes Ck'd by W. EDMONDSON	Survey of S.D. [illegible]
Map No.	JN [illegible] Tape [illegible] Std [illegible]
Office Work	Surveyed by FE Brooks
Checked	Notes FEB-Guizado Date [illegible]
Date	Indexed T. M. PALMERI SEP 14 71

F. B. [illegible] PG. 137

SN 6012.71

STORM DRAIN PROJECT

No 1271

LINE C

CENTER LINE

FE Brooks
GO Guizado
RA Moore

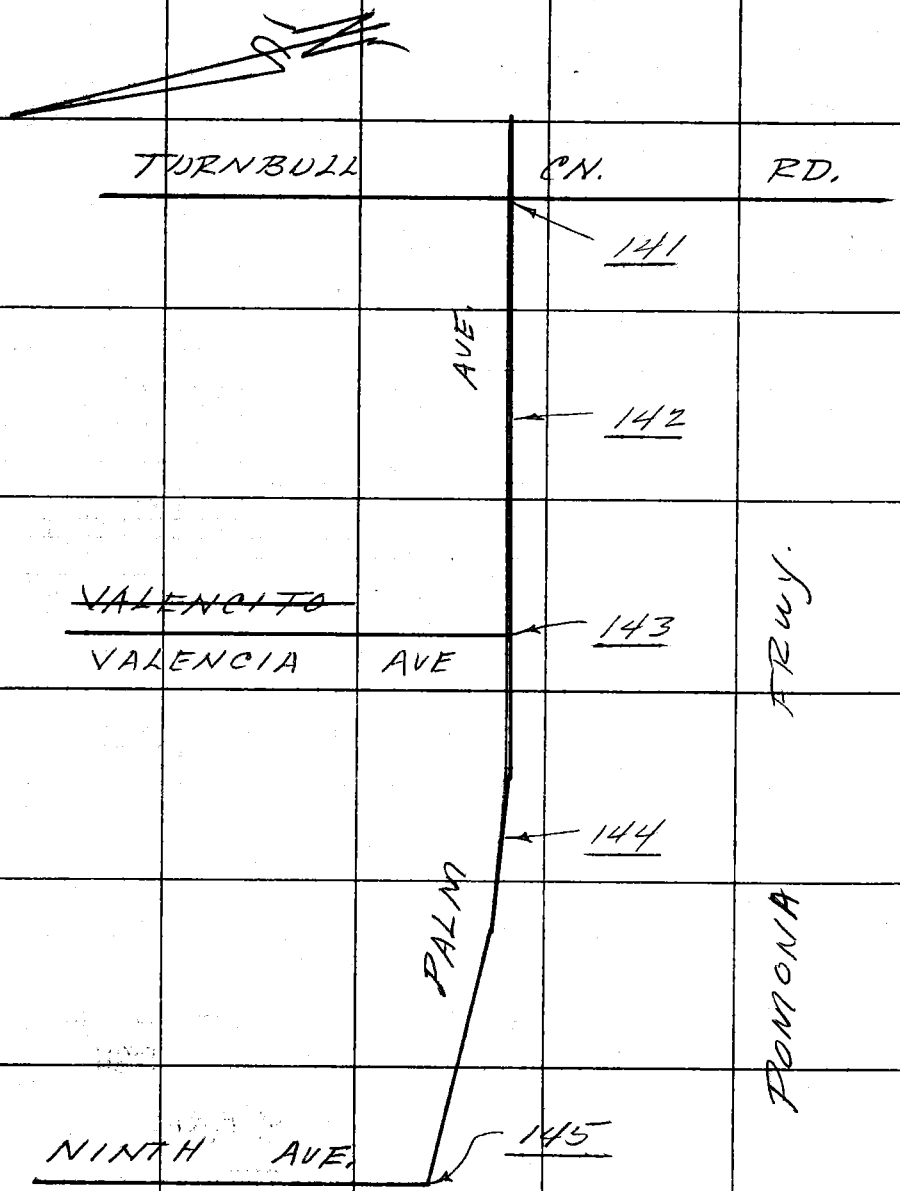
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S CE#310 3-69

F. B. 3380 PG. 140



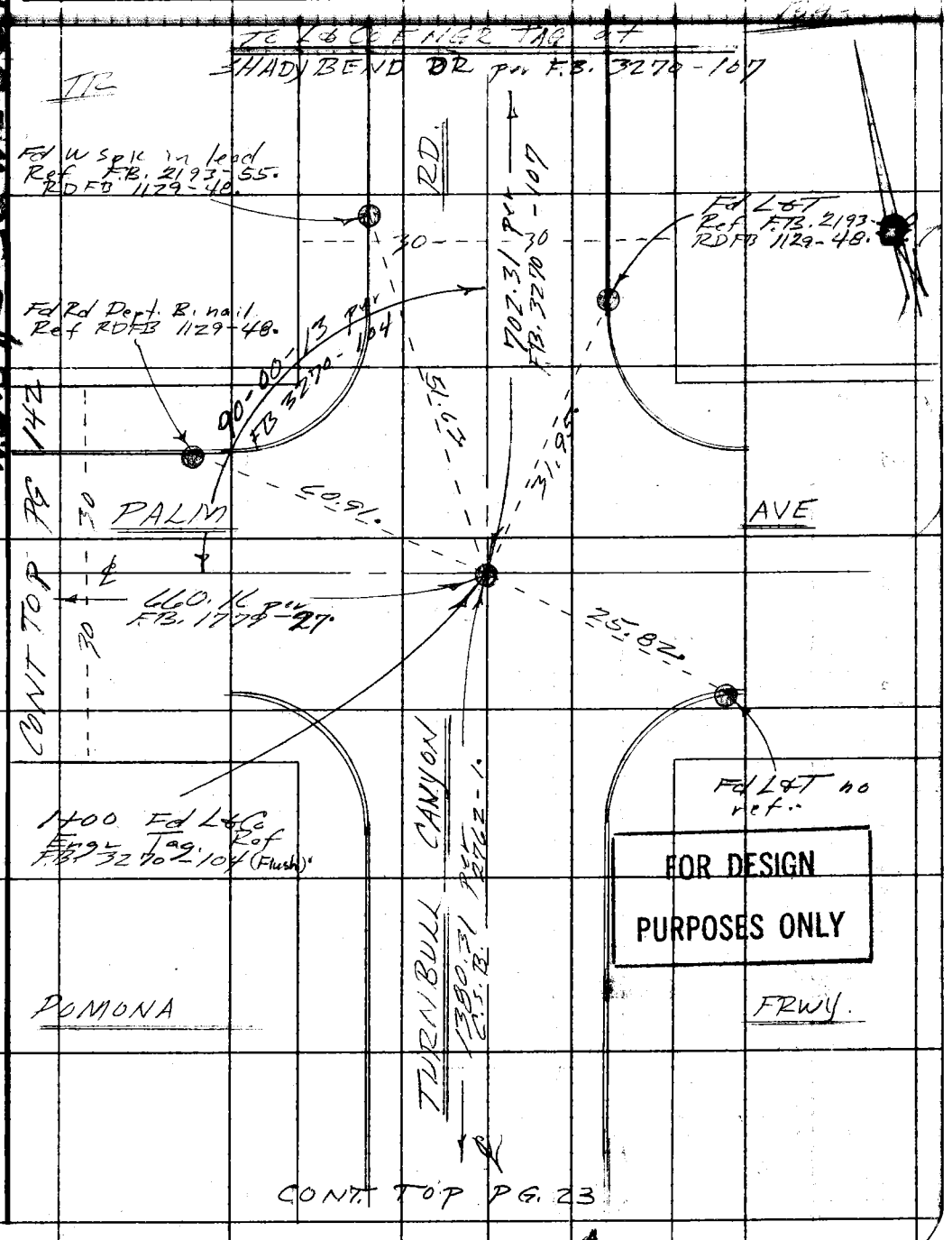
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by W. EDMONDSON	Survey of [illegible]	F. B. [illegible] PG. [illegible]
Map No.	JN [illegible] Tape [illegible] Sid [illegible]	
Office Work	Surveyed by [illegible]	
Checked	Notes [illegible] Date [illegible]	
Date	Indexed T. M. PALMERI	

W.S. 37 E-38 W.S. 38 A-3



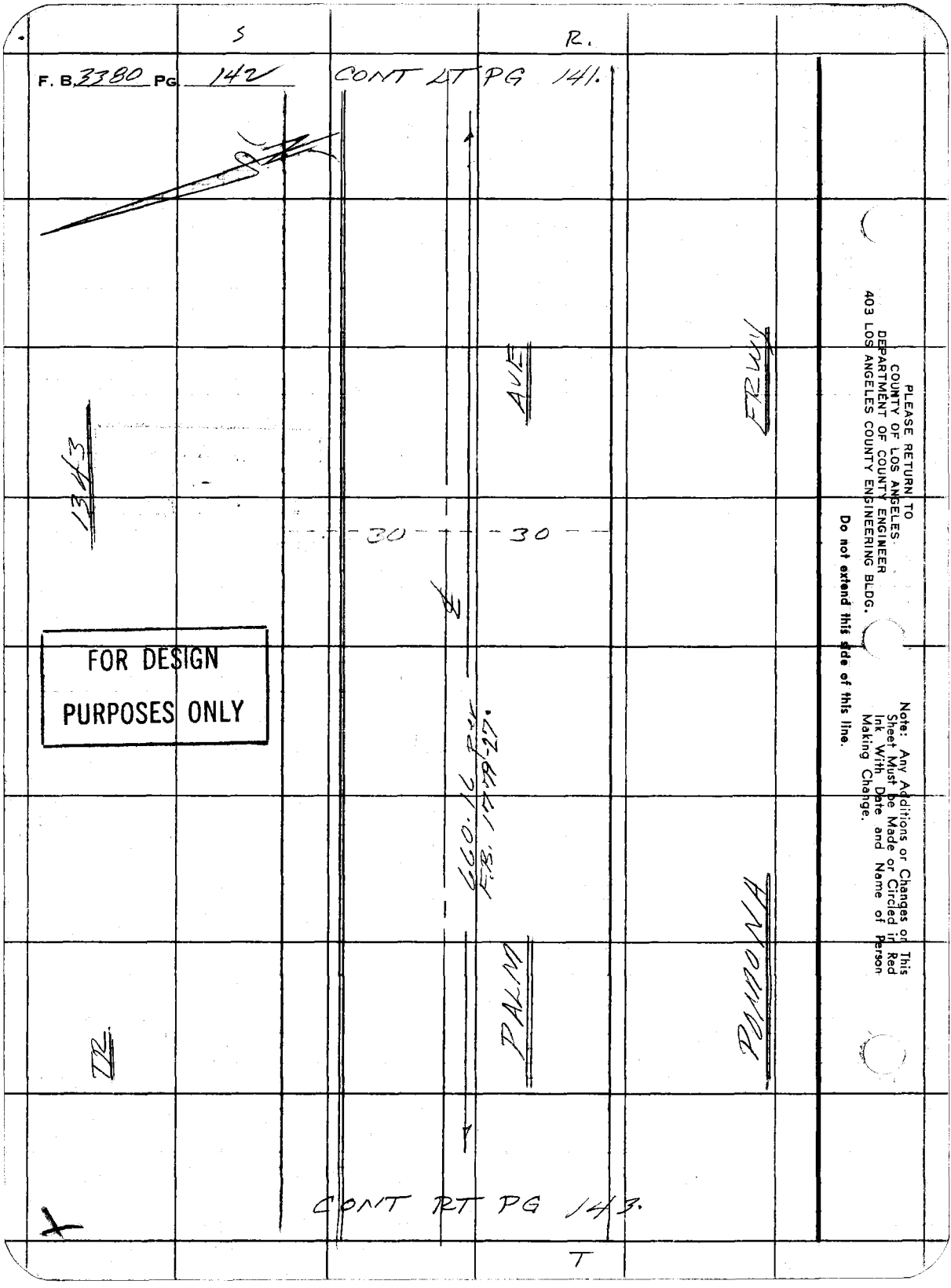
FOR DESIGN PURPOSES ONLY

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

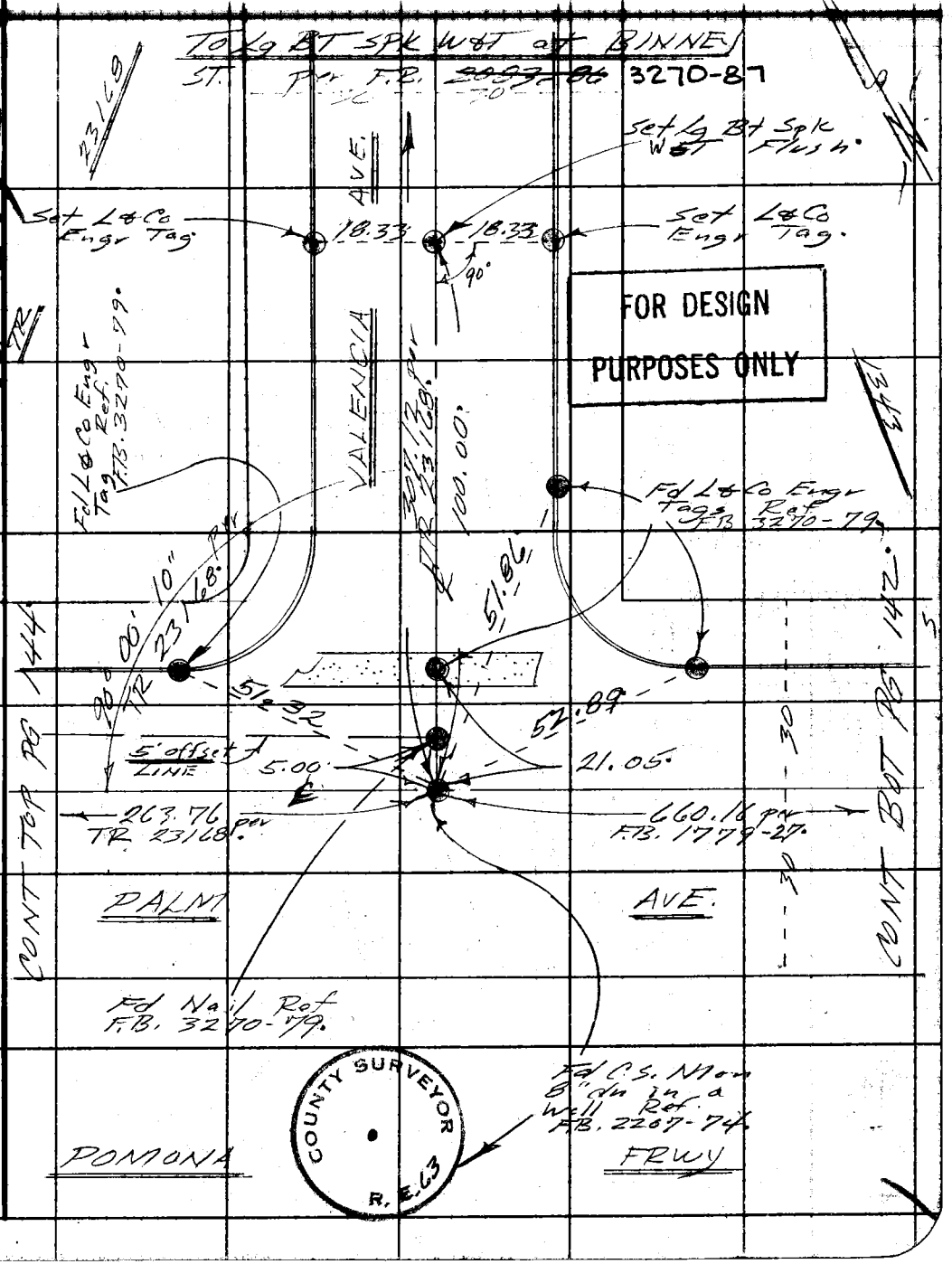
Do not extend this side of this line.

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

76F309S CE#310 3-69


S
R.
F. B. 3380 PG. 142
CONT LT PG 141.
AVE
FRWY
1343
30
30
FOR DESIGN
PURPOSES ONLY
660.16 Per
F.B. 17-19-27.
PALM
POMONA
TR
CONT RT PG 143.
T
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. EDMONDSON	Survey of S.D. Project #1271	F. B. [illegible] PG. 143
Map No.	[illegible]	
Office Work	Surveyed by F.F. Brooks	
Checked	Notes: FFB - Guinado Date 12 Aug 71	
Date	Indexed T. M. PALMERI	



W.S. 37, 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 side of this line.

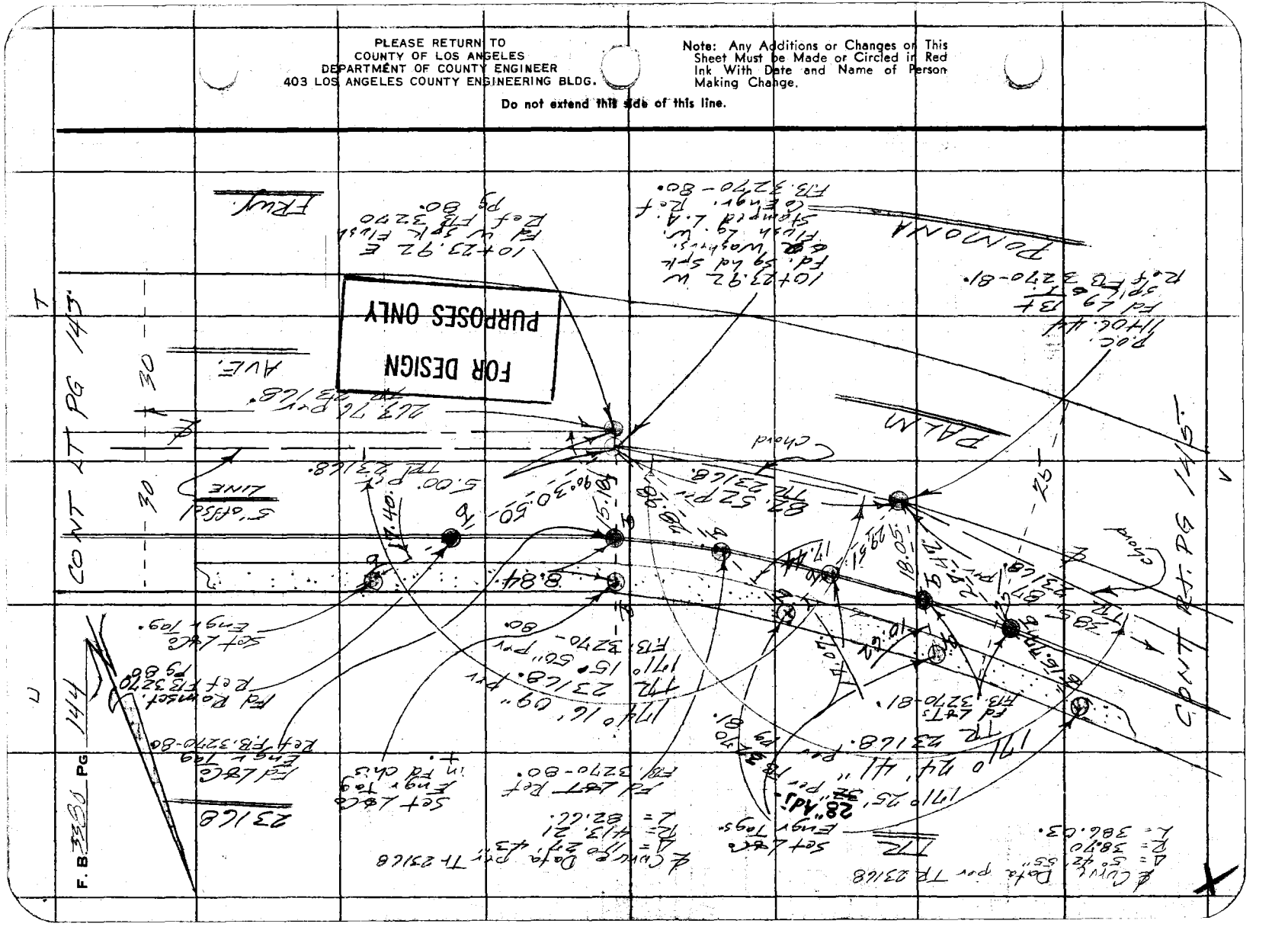
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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.

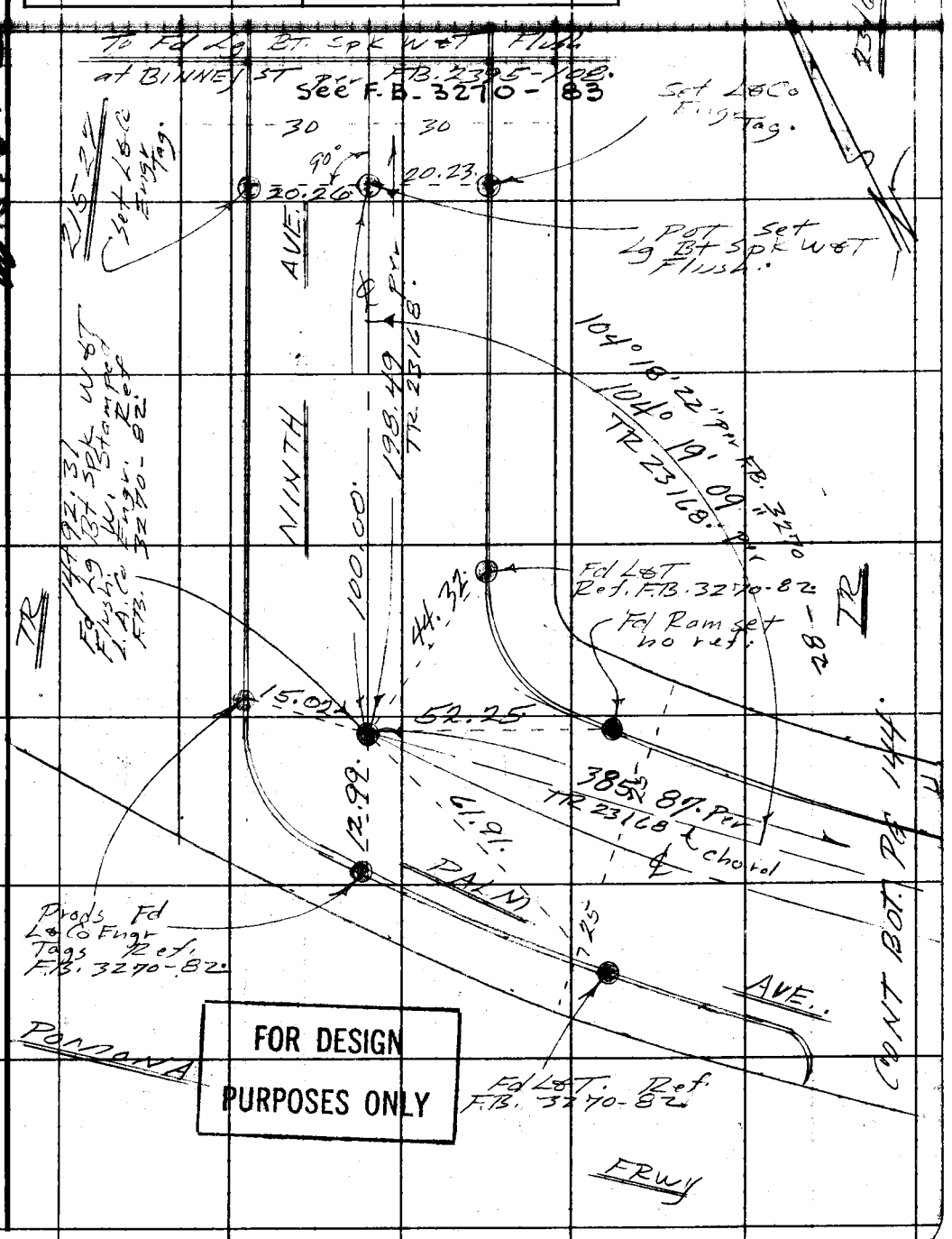
Do not extend this side of this line.



Notes Ck'd by W. EDMONDSON	Survey of [illegible]
Map No.	JN [illegible] Tape [illegible] Std. [illegible]
Office Work	Surveyed by F.E. Brooks
Checked	Notes FEB Guizado Date 13 Aug 71
Date	Indexed T. M. PALMERI

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

W.S. 37 B 3



FOR DESIGN PURPOSES ONLY

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

Do not extend this side of this line.

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

76F309S CE#310 3-69

W

R.

F. B. 3380 PG. 146

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

Do not extend this side of this line.

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

1343

AVE.

FRWY

Not Needed

30 30

IR

PALM

PONTONA

CONT RT PG

R

Notes Ck'd by	Survey of
Map No.	JN 6012.71 Tape Sht.
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Quizada Date 16 Aug 71
Date	Indexed T. M. PALMERI SEP 14 '71

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

JN 6012.71

STORM DRAIN PROJECT

No 1211

LINE C

LOCATION of IMPROVEMENTS

F.E. Brooks
G.O. Quizada
R.A. Moore
T. Ohashi

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

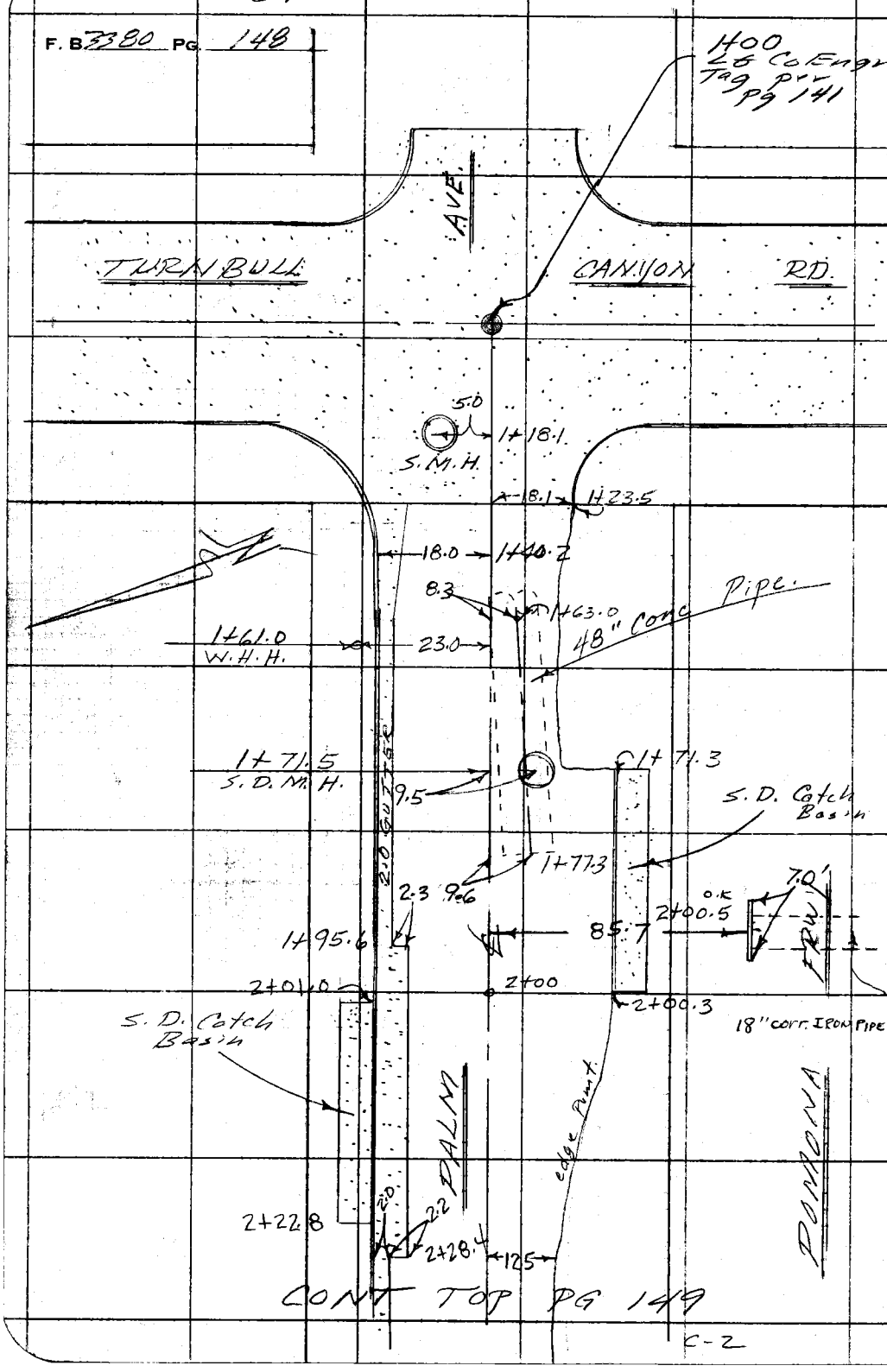
Do not extend this side of this line.

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

16F309S CE#310 3-69

C-1

F. B 3380 PG. 148



CONT TOP PG 149

C-2

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

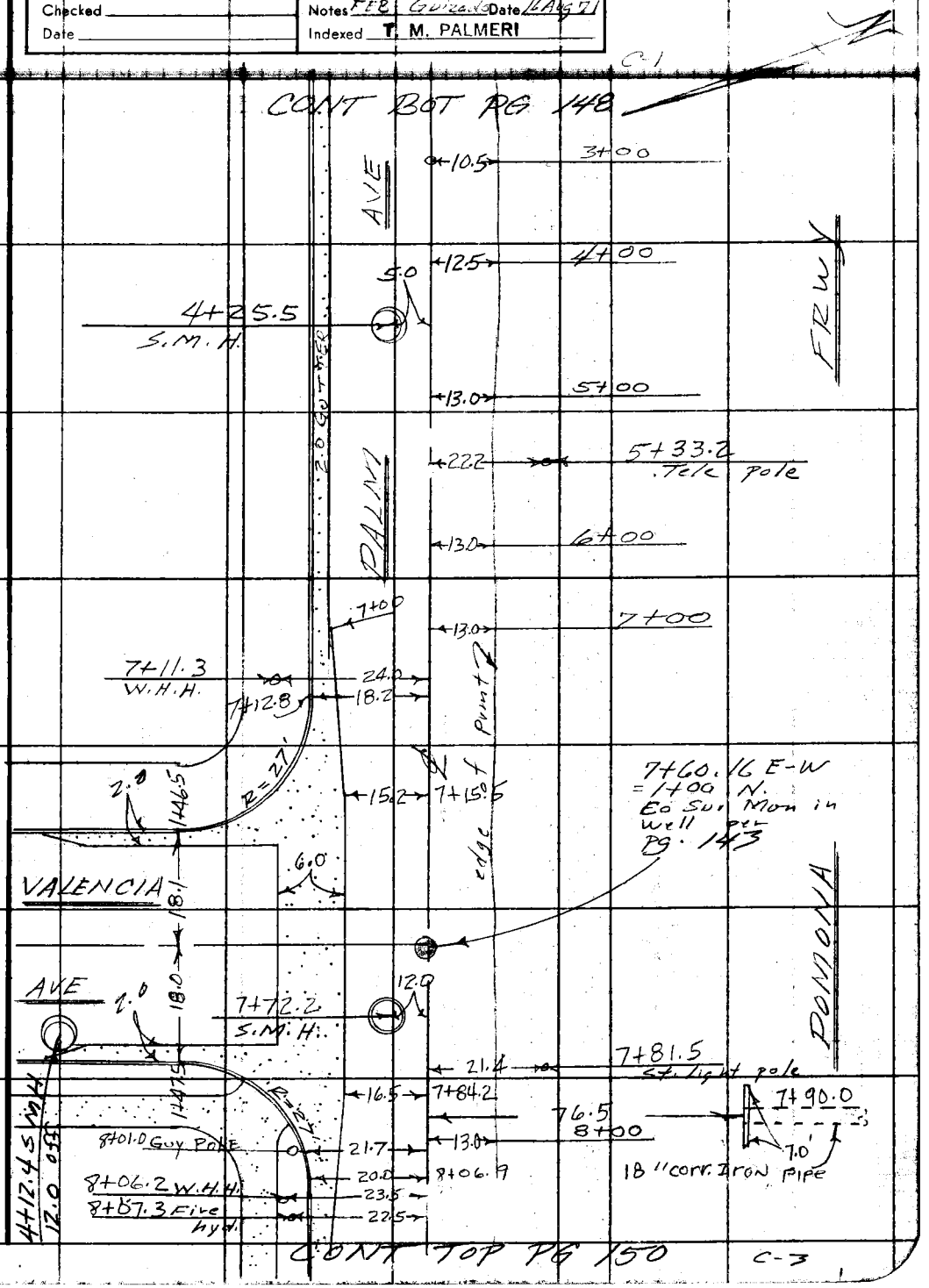
Do not extend this side of this line.

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

C-2

Notes Ck'd by	Survey of SD Project # 871
Map No.	JN 1012.171 Tape Sld
Office Work	Surveyed by F E Brooks
Checked	Notes FEB Guizado Date 16 Aug 71
Date	Indexed T. M. PALMERI

F. B. 770 PG. 140

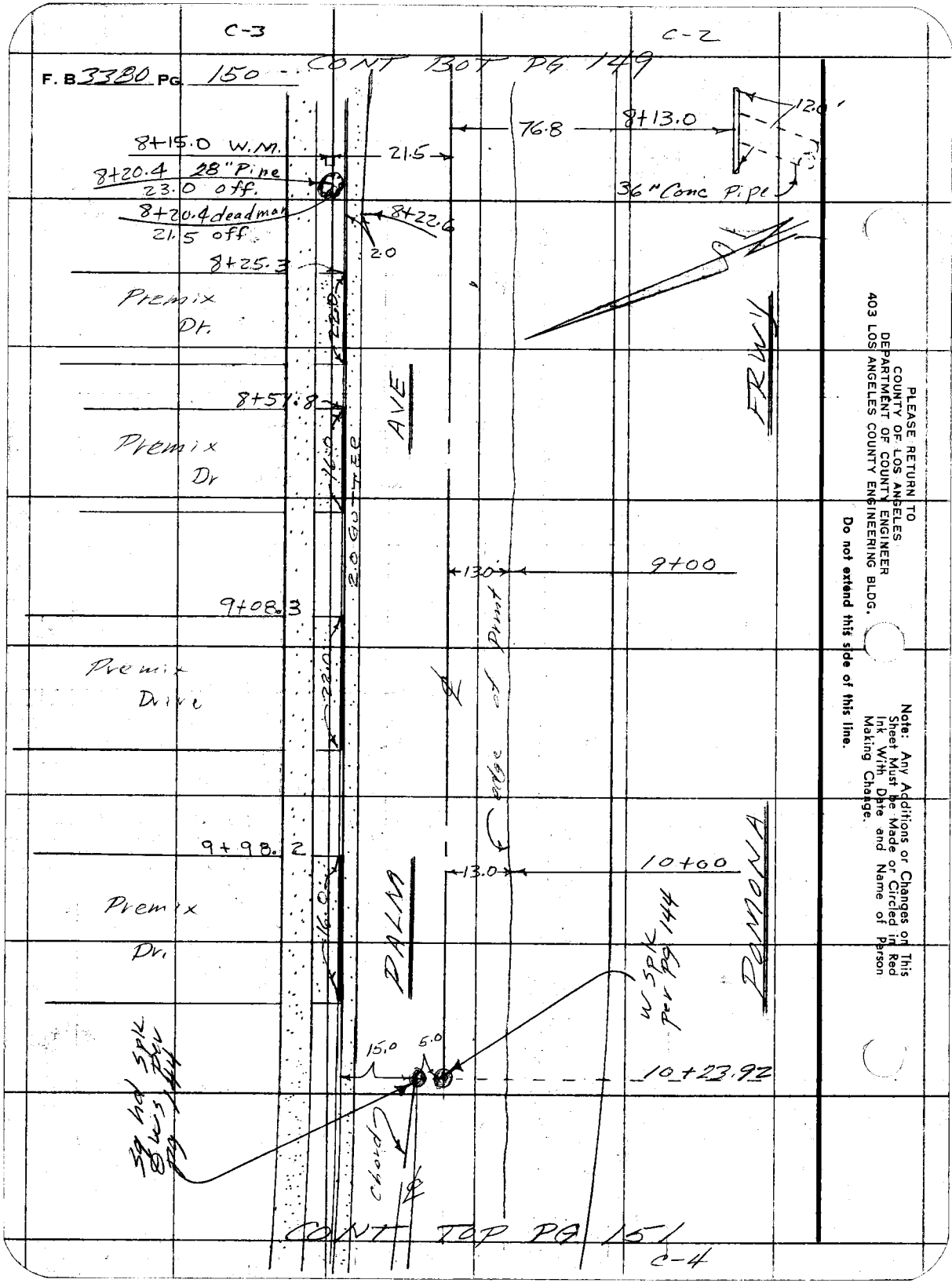


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69



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

Do not extend this side of this line.

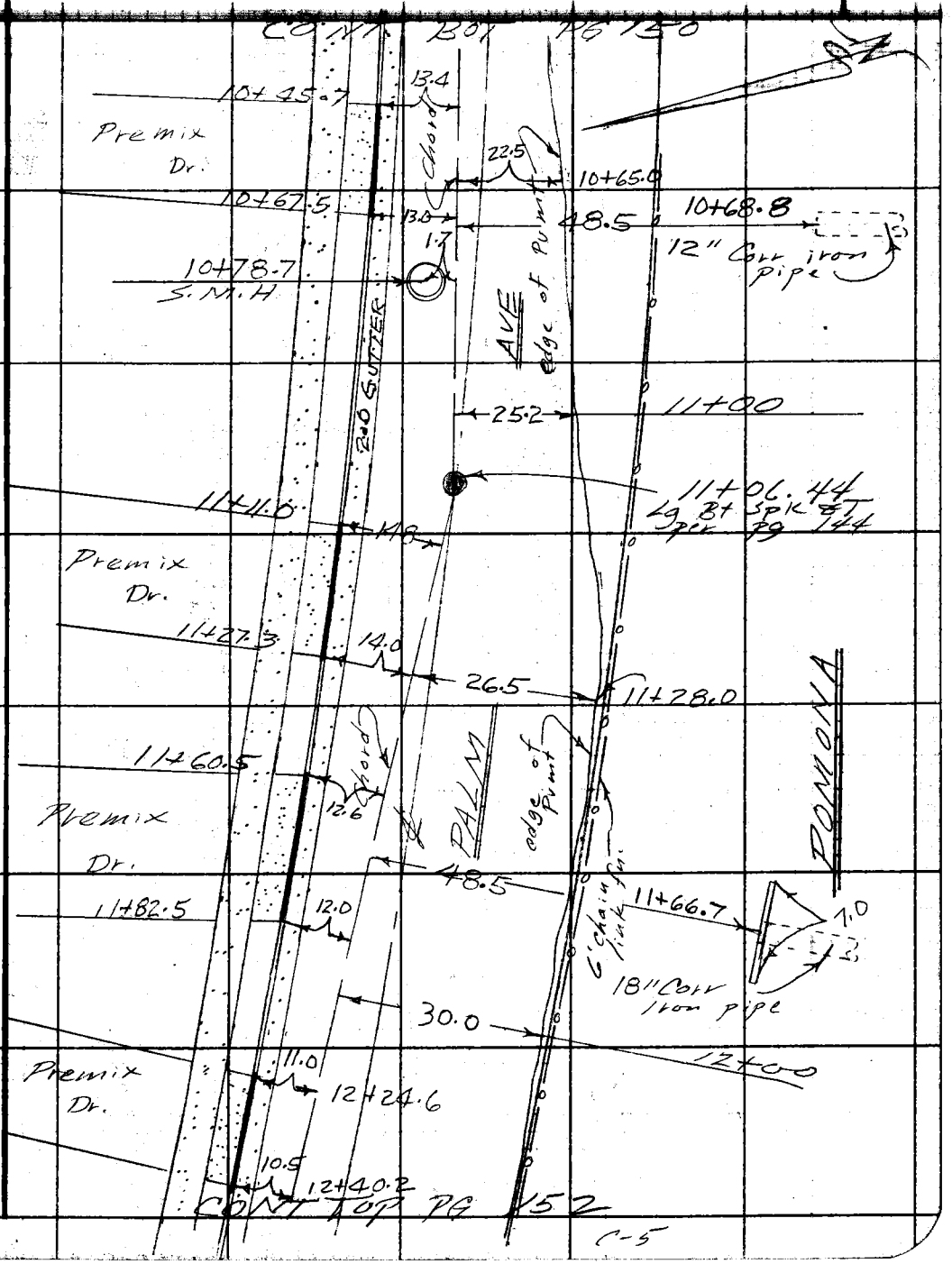
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

C-4

Notes Ck'd by	Survey of S.D. Pr[illegible] #[illegible]
Map No.	JN [illegible] Tape Std.
Office Work	Surveyed by F E Brooks
Checked	Notes FEB Guizada Date 16 Aug 71
Date	Indexed T. M. PALMERI

F. B. [illegible] PG. 151

C-3



C-5

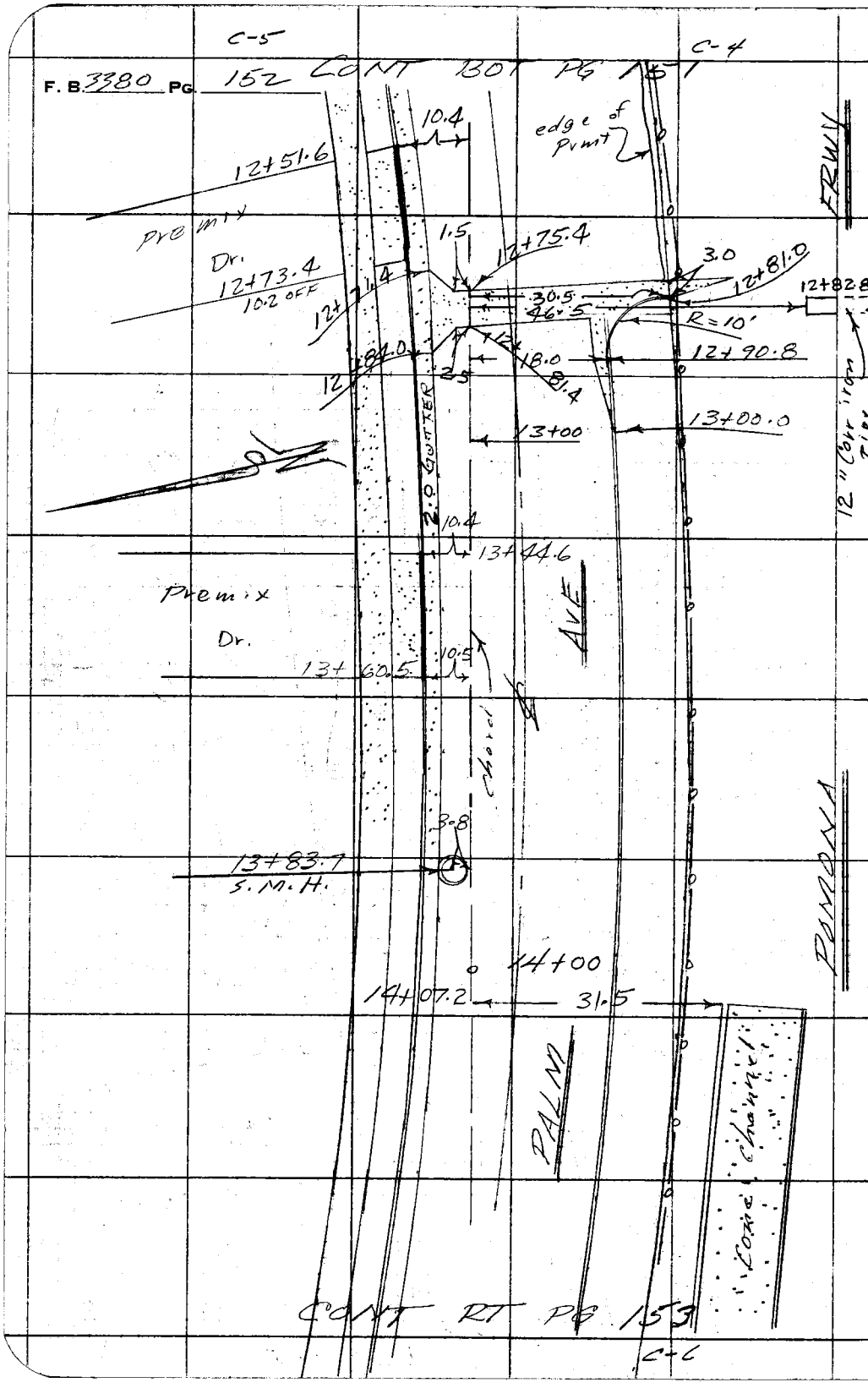
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3380 PG. 152



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

Do not extend this side of this line.

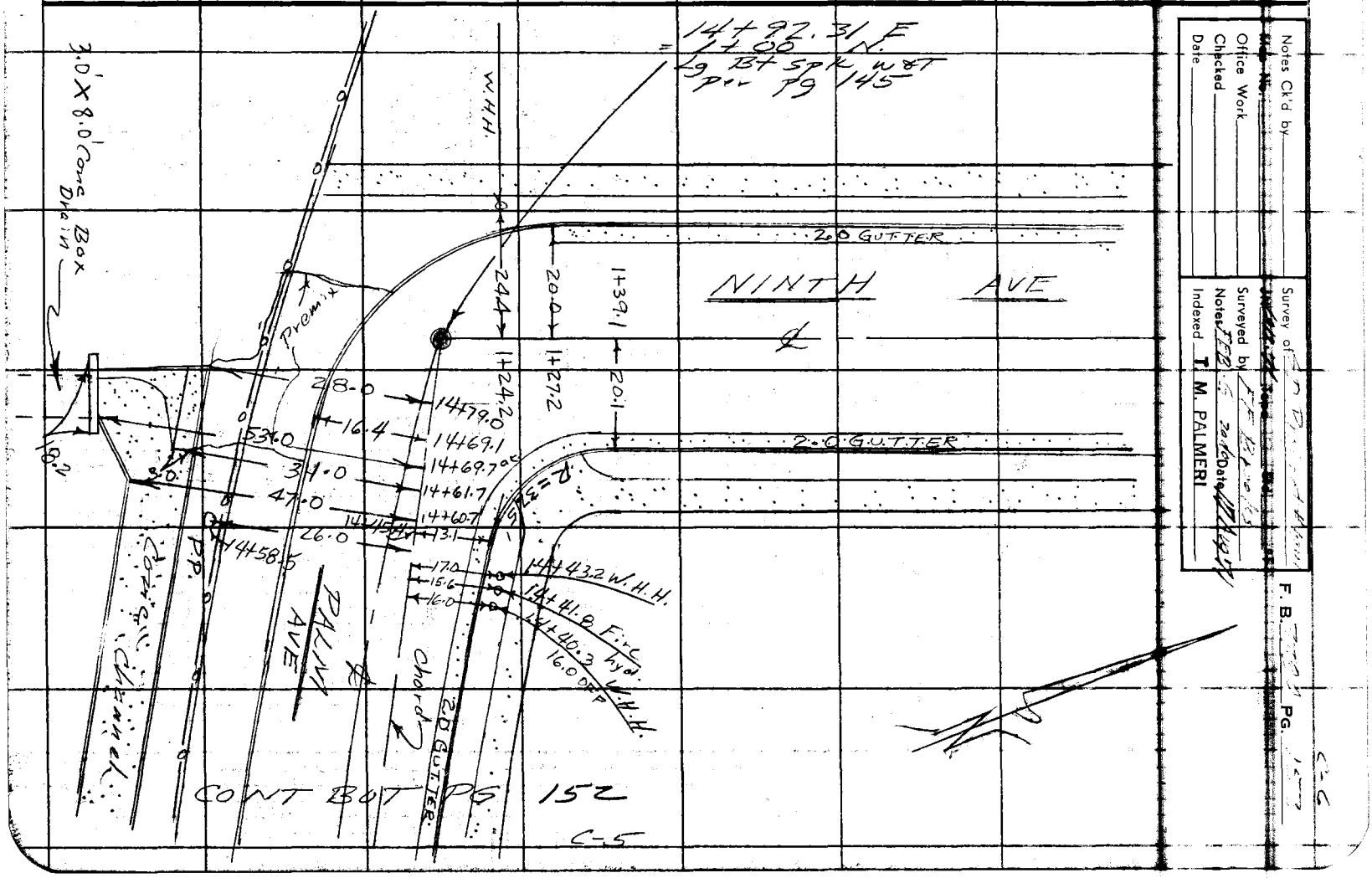
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

16F309s CE#310 3-69

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 this side of this line.



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

Survey of _____
Surveyed by _____ Date _____
Notes _____
Indexed T. M. PALMERI

F. B. _____ PG. _____

C-5

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 this side of this line.

F. B. 3380 PG 154

Profile	Notes Red	Plotted	Job No. 107-71	Division No.	F. B. [illegible] Pg. [illegible]
No.	Date	Date	Survey of S.D. Project # 1271		
X-Sec.	Notes Chk'd.	Checked	Survey by	Notes	Date
No.	Date	Date	Map No.	Indexed T. M. PALMER	Date [illegible] 14 '71

[illegible]

STORM DRAIN PROJECT

No 1271

LINE C

CROSS SECTIONS

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

FE Brooks
GO Guizado
RA Nuovo
Tohashi

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
403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
BM S.D. 2045				346 94	BM S.D. 2045 Elev. 34~~6.940~~ 7.035 F.B. 3380-12 Palm Ave and Turnbull Canyon Rd. N.W. Cor. 65' ± W. of E end C.R. PK spk in lead in S.E. Cor. of S.D.C.B.			
					West on PALA AVE.			
					Lt. or South		℄ Rt. or North.	
1+18.1 S.M.H.		E rim 345.71 W rim 345.83		345 77			5.0 Rt mean rim elev.	
						10" Inlet S	10" Inlet W	Outlet E
Invert 10" Inlet S				336 61	Rim	345.77	345.77	345.77
" " " W				336 24	meas	8.33	8.70	8.71
" Outlet E				336 23	Top pipe	337.44	337.07	339.06
					dia	0.83	0.83	0.83
					invert	336.61	336.24	336.23.
1+71.5 S.D.M.H		E rim = 346.46 W rim = 346.48		346.47	9.5 Lt. mean rim elev.			
1+77.3				346 64			℄	
				346 52			9.0 Rt pvmt	
				346 30			16.0 " gutter out	

F. B. 3380 Pg. 156
Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 Aug 71 Date No.
Survey by F.F. Brooks Notes F.F.B. - Quizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄ Rt. or Nor
H77.3				34610		17.8 Rt. gutter
				34673		18.0" Top cb.
				34656	9.6 Lt. prmt over end of 48" conc pipe	
					mean rim elev. of S.D.M.H.	
					at H71.5	= 346.47
					meas	= 9.77
					Invert	= 336.70
				33670	9.6 Lt. Invert of 48" conc pipe	
				34640	19.6" gutter in	
				34732	19.8" Top cb.	
2+00				34684		℄
				34669		9.0 Rt prmt
				34663		13.8" gutter out
				34607		17.8" gutter in
				34692		18.0" Top cb.
				34674	10.0 Lt. prmt	
				34658	19.9" gutter in	
				34759	20.0" Top cb.	
2+00.5				34986	85.7 Lt. INVERT OF 18" corr. IRON PIPE	
3+00				34779		℄

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 328 Pg. 16
Date ____ Date ____ Survey of S. D. Project #1271
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed T. M. Pa... Date ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or south	℄ Rt. or North
3+00				34763		9.0 Rt prmt
				34727		16.0" gutter out
				34712		17.8" gutter in
				34780		18.0" Top cb
				34770	5.2 Lt. prmt	
				34750	10.5" edge prmt	
				3473	18.0" ditch	
				3497	30.0" P/L	
4+00 *				34865		℄
				34844		9.0 Rt prmt
				34820		16.0" gutter out
				34805		17.8" gutter in
				34870		18.0" Top cb.
				34860	6.2 Lt prmt	
				34829	12.5" edge prmt	
				3481	14.3" Top bank	
				3474	14.5" bottom of ditch	
				3476	16.5" bottom of ditch	
				3487	17.0" Top of bank	
				3506	30.0" P/L	

F. B. 3380 Pg. 158 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG '71 Date No.
Survey by F.F. Brooks Notes F.F.B. - Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76L-298 CE 307 11-56

PLEASE 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.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South &	Rt. or North
4125.5	SM H	E Elev = 348.86 W Elev = 348.88		34887		5.0 Rt mean diameter
					10" Inlet W	outlet E.
Invert 10"		Inlet W		34062	Rim 348.87	348.87
"	"	Outlet E		34044	meas 7.42	7.60
					Top pipe 341.45	341.27
					dia 0.83	0.83
					invert 340.62	340.44
5+00*				34965	℄	
				34945		9.1 Rt print
				34912		16.2 " gutter
				34902		18.0 " gutter
				34961		18.2 " Top of
				34952	1.5 Lt. print	
				34952	13.0 " edge of print	
				3489	15.5 " Top of bank	
				3480	16.0 " Bottom of ditch	
				3480	18.0 " bottom of ditch	
				3491	19.0 " Top of bank	
				3512	30.0 " P/L	

Profile Notes Red Plotted Job No. Division No.
No. Date Date Date Survey of S.D. Project #1271
No. Date Date Date Map No. Indexed L. M. PALMER Date
F. B. 3380 PG. 159

76L-298 CE 307 11-58

PLEASE 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.

STATION	B.S.	H.I.	F.S.	ELEV	Lt. or South ℄	Rt. or North
6+00				350 51	℄	
				350 25		9.1 Rt prmt
				349 96		16.2 " gutter out
				349 82		18.0 " gutter in
				350 49		18.2 " Top cb
				350 39	6.5 Lt prmt	
				350 14	13.0 " edge of prmt	
				349 6	15.0 " Top of bank	
				349 0	15.5 " bottom of ditch	
				349 0	18.0 " bottom of ditch	
				349 9	18.5 " Top of bank	
				352 1	30.0 " P/L.	
7+00				351 20	℄	
				351 15	6.5 Lt. prmt	
				351 02	13.0 " edge of prmt	
				350 5	16.0 " Top of bank	
				349 8	16.2 " bottom of ditch	
				349 9	19.2 " bottom of ditch	
				351 3	20.2 " Top of bank	
				353 1	30.0 " P/L	

F.B. 3780 Pg. 160 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG '71 Date No. X-Sec.
Survey by F.E. Brooks Notes F.E.B. - Grizado Notes Chkd. Checked No.
Indexed T. M. PALMERI Date Date Date

76L-298 CE 307 11-58

PLEASE 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.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt. or South	℄ Rt. or North
7+02.8				351 23		℄
				351 09		9.1 Rt prmt
				350 89		16.0 " gutter out
				350 68		18.0 " gutter in
				351 31		18.2 " Top ch.
BM S.D. 2044				351 49	BM SD 2044 Elev. 351.~~761~~ 561 F.B. 3380 - 12 Palm Ave and Valencia Ave N.E. Cor. 5' E. of E. end C.R. a PK. spk in head.	
7+60.16				351 74		℄ inter.
					North on VALENCIA AVE.	
					Lt. or West	℄ Rt. or East
1+56.5				351 73		℄
				351 49		9.0 Rt prmt
				351 18		16.1 " gutter out
				351 02		18.0 " gutter in
				351 35		18.1 " Top ch
				351 71		℄
1+57.5				351 78	9.0 Lt. PVM'T.	
				351 75	16.0 " gutter out	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6012.71 Division No. 11 Survey of S.D. Project #1271 Survey by [illegible] Notes [illegible] Date [illegible] Map No. Indexed F. M. PALMER Date

F.B. 3380 Pg. 161

76L-298 CE 307 11-58

PLEASE 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.

STATION	B.S.	H.I.	F.S.	ELEV	Lt. or West	℄	Rt. or East
1+57.5				351 57	17.9 Lt. gutter in		
				351 86	18.0 " Top ab.		
4+12.4 S.M.H.		see pg 170					
					West on PALM AVE		
					Lt. or South	℄	Rt. or North
7+72.2 S.M.H.		E rim = 351.84 W rim = 351.84		351 84		12.0 Rt mean rim elev.	
					10" Inlet W	10" Outlet E	8" outlet N
Invert 10" Inlet W				343 52	Rim 351.84	351.84	351.84
" " Outlet E				343 34	Meas 7.49	7.67	8.02
" Outlet N				343 15	Top pipe 344.35	344.17	343.82
					dia 0.83	0.83	0.67
					invert 343.52	343.34	343.15
7+90.0				355 75	76.5 Lt. Invert of 18" Corr iron pipe		
8+00				352 25		℄	
				352 13	6.5 Lt. prmt		
				351 92	13.0 " edge of prmt		
				351 82	14.5 " Top of bank		
				350 7	14.7 " bottom of ditch		

F.B. 3380 Pg. 162 Job No. 6812.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 Aug 71 Date No. X-Sec.
Survey by F.E. Brook Notes F.E.B. Guizado Notes Chkd. Checked No.
Indexed T. M. PALMERI Date Date Date

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or West ℄ Rt. or East
8+00				3508	17.7 Lt. bottom of ditch
				3522	19.7 " Top of bank
				3544	30.0 " P/L.
8+13.0				35619	76.8 Lt. Invert of 36" conc pipe
8+16.9				35241	℄
				35229	10.0 Rt. prmt.
				35206	17.8 " gutter out
				35182	19.8 " gutter in
				35244	20.0 " Top cb.
8+56.9				35286	℄
				35273	10.0 Rt prmt
				35248	18.0 " gutter out
				35233	19.8 " gutter in
				35242	20.0 " Top depressed cb.
9+00				35345	℄
				35333	6.5 Lt. prmt
				35316	13.0 " edge of prmt

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____ Date ____
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. 7784 PG. 117

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄ Rt. or North
9+00				35298	14.0 Lt. Top of bank	
				3519	16.0 " bottom of ditch	
				3517	18.5 " bottom of ditch	
				3534	19.5 " Top of bank	
				3554	30.0 " P/L.	
9+56.9				35420		℄
				35405		10.0 Rt print
				35383		18.0 " gutter out
				35370		19.8 " gutter in
				35436		20.0 " Top cb.
10+00*				35480		℄
				35471		10.0 Rt. print
				35459		18.0 " gutter out
				35440		19.8 " gutter in
				35466		20.0 " Top cb.
				35470	6.0 Lt. print	
				35452	12.0 " edge of print	
				35427	13.0 " Top of bank	
				3530	14.0 " bottom of ditch	

F. B. 3380 Pg. 164 Job No. 6012.71 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of S. D. Project #1271 Date 18 Aug 71 Date ____ No. ____
Survey by E. F. Brook Notes FER - Rizzo Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed T. M. PALMERI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	℄	Rt. or North
10+00				353 0	18.5 Lt. bottom of ditch		
				354 9	19.5 " Top of bank		
				356 6	26.0 " P/L.		
10+23.92				355 10		℄ to the E.	
10+23.92				355 08		℄ to the W.	
					Lt. or South	Chord	Rt. or North
10+68.8				358 98	48.5 Lt. Invert 12" Corr iron pipe		
10+78.7 S.M.H.		E rim = 355 65 W rim = 355 67		355 66		1.7 Rt mean rim elev	
						10" Inlet W	10" Outlet E.
					Rim	355.66	355.66
Invert 10" Inlet W				347 13	meas	7.70	7.84
" " Outlet E				346 99	Top pipe	347.96	347.82
					dia	0.83	0.83
					invert	347.13	346.99
11+00				355 91		chord.	
				355 55		7.3 Rt pvmt	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of S. D. Project #12 [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. 7780 Pg. 165

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	chord Rt. or North
11+00				35525		12.6 Rt gutter out
				35503		14.4" gutter in
				35571		14.6" Top ch.
				35611	12.6 Lt. prmt	
				35584	25.2" edge of prmt.	
				3556	26.2" Top of bank	
				3541	26.3" bottom of ditch	
				3543	30.8" bottom of ditch	
				3568	33.8" Top of bank	
11+66.7				35800	48.5 Lt. Invert of 18" Corr iron pipe.	
12+00				35622		Chord.
				35582		9.4 Rt. gutter out
				35570		11.2" gutter in
				35635		11.4" Top ch.
				35690	15.0 Lt. prmt	
				35742	30.0" edge of prmt	
				3575	31.5" Top of bank	
				3567	40.5" bottom of ditch	
				3568	45.0" bottom of ditch	

F. B. 3380 Pg. 166 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date 18 AUG 71 Date No.
Survey by F.E. Brooks Notes F.E.B. 6.12.71 Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South Chord Rt. or North
12+00				3575	47.0 Lt. Top of bank
12+82.8				35798	46.5 Lt. Invert of 12" Corriron pipe
13+00* TP				35680	Chord
				35643	8.0 Rt. gutter out
				35627	9.8 " gutter in
				35696	10.0 " Top ab
				35709	9.0 Lt. pvmt
				35732	17.9 " gutter in
				35787	18.0 " Top ab.
				3585	34.0 " Top of bank
				3571	36.7 " bottom of ditch
				3574	44.7 " bottom of ditch
				3586	47.0 " Top of bank
13+83.7	S.M.H.	E Rim: 35718 W Rim: 35717		35717	3.8 Rt mean rim elev.
					10" Outlet E
					Rim 357.17
					meas 6.25
	Invert	10" Outlet E.		35009	Top pipe 350.92
					dia 0.83
					Invert 350.09

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Project #12711
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. [illegible] PG. 11

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South	Chord	Rt or North.
14+00				35740		Chord	
				35705			9.4 Rt gutter out
				35690			11.2 " gutter in
				35755			11.4 " Top cb.
				35761	8.3 Lt. prmt		
				35787	16.4 " gutter in		
				35834	16.6 " Top cb.		
14+07.2	end of conc channel			35963	31.5 Lt. Top of channel		
				35821	34.0 " bottom of channel		
				35810	44.0 " " " "		
				35967	47.0 " Top " "		
14+35.4				35762		Chord	
				35737			6.5 Rt. prmt
				35722			11.0 " gutter out
				35706			12.8 " gutter in
				35773			13.0 " Top cb
14+59.1				35783		Chord	
				35803	8.2 Lt prmt		

F. B. 3380 Pg. 168 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date Date No.
Survey by F.F. Brooks Notes F.F.B. Quizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or South Chord Rt or North
14+59.1				35818	16.2 Lt. gutter in
				35878	16.4 " Top Ch.
14+69.7				35995	31.0 Lt. top of channel
				35866	32.0 " bottom of channel
				36013	34.5 " Top of channel
				35874	36.5 " bottom of channel
				35949	53.0 " Invert at E'ly cor. of 3' x 8' conc box
				35931	53.0 " Invert of W'ly cor. of above box
14+79.0	end of conc channel			35985	28.0 Lt. Top of channel
				35879	28.8 " bottom of channel
				35876	33.8 " bottom of channel
				36062	37.5 " Top of channel
14+92.31				35834	℄ inter.
					North on NINTH AVE.
					Lt or West ℄ Rt. or East.
1+37.2				35778	℄
				35762	10.0 Lt prmt.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of S. D. Project #1291
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. 3580 Pg. 159

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt or West ℄	Rt. or East
1+37.2				356 98	18.0 Lt gutter out	
				356 84	19.8 " gutter in	
				357 49	20.0 " Top ch.	
1+49.1				357 48		℄
				357 30		10.0 Rt prmt
				356 84		18.1 " gutter out
				356 71		19.8 " gutter in
				357 37		20.1 " Top ch.
BM SD 2043				357 47	BM SD 2043 Elev. 357.~~458~~ .561 FB. 3380-11 Ninth Ave and Palm Ave N. E. Cor. 5' N. of N. end C. R. a P.K. spk in lead.	
		S. M. H. on		Valencia Ave	north of Palm Ave	
4+12.4	S.M.H. 18 N rim 34445 N rim 34441			344 43	12.0 Lt. mean rim elev.	

	8" Inlet S	Inlet W	outlet N.
Rim	344.43	344.43	344 43
mean	7.07	6.95	7.21
Top pipe	337.36	337.48	337.22
dia	0.67	0.67	0.67
Invert	336.69	336.81	336.55

STATION	B. S.	H. I.	F. S.	ELEV.	Lt or West ℄	Rt. or East
Invert	8" Inlet S			336 69		
Invert	" " W			336 81		
Invert	" Outlet N.			336 55		

F. B. 3380 Pg. 170 Job No. 6012.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project # 1271 Date Date No.
Survey by FEBrooks Notes FEB-Guizado Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

Notes Ck'd by W. EDMONDSON	Survey of		F. B. Pg.
Map No.	JN 6012.71 Tape	Sta.	
Office Work	Surveyed by F.E. Brooks		
Checked	Notes F.E.B. Guizado Date		
Date	Indexed T. M. PALMERI SEP 14 '71		

JN 6012.71

STORM DRAIN PROJECT

NO 1271

LINE D

CENTERLINE

FE Brooks
GO Guizado
RA Moore
T Ohashi

X

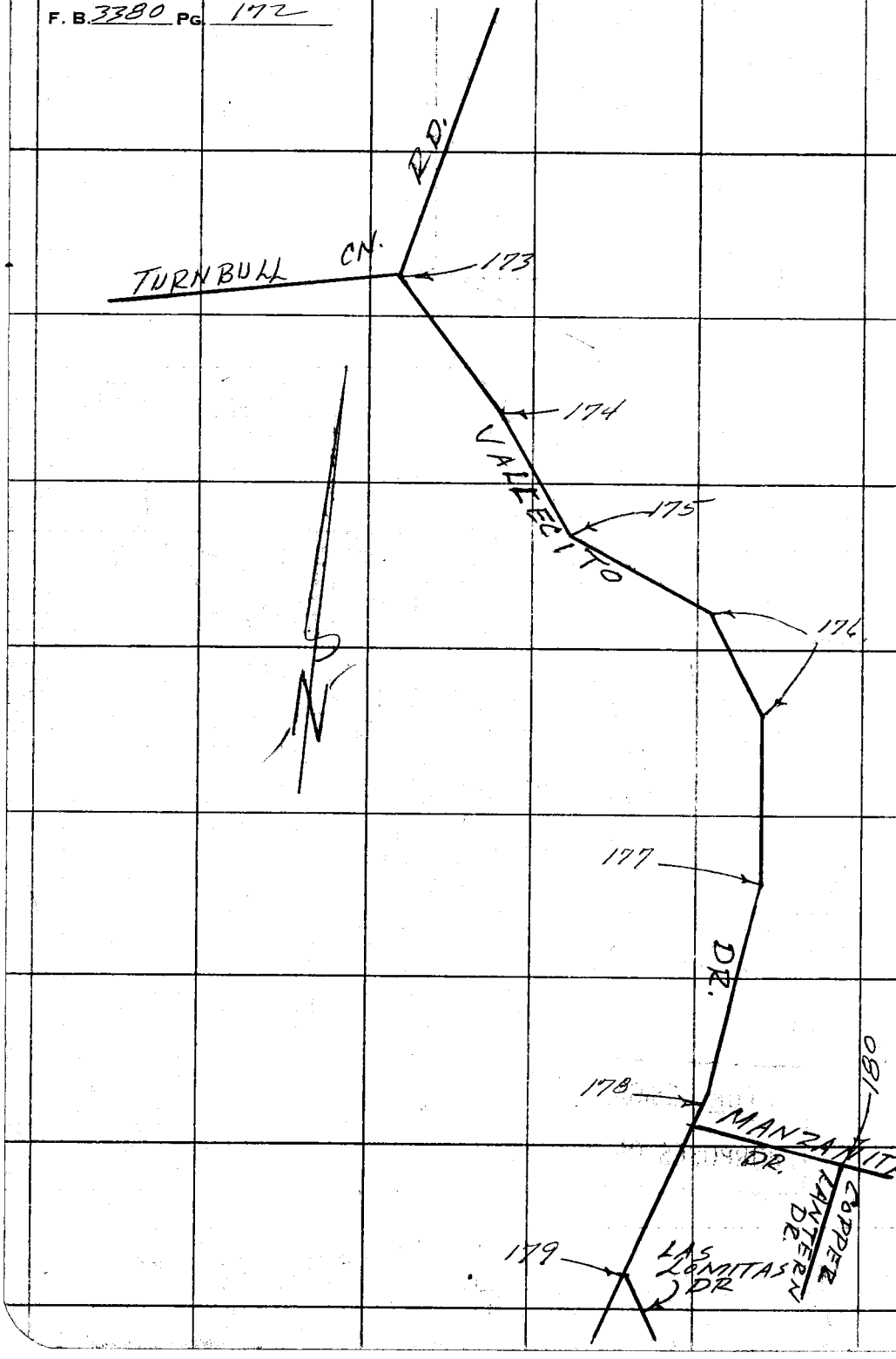
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

16F309S CE#310 3-69

F. B. 3380 PG. 172



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

Do not extend this side of this line.

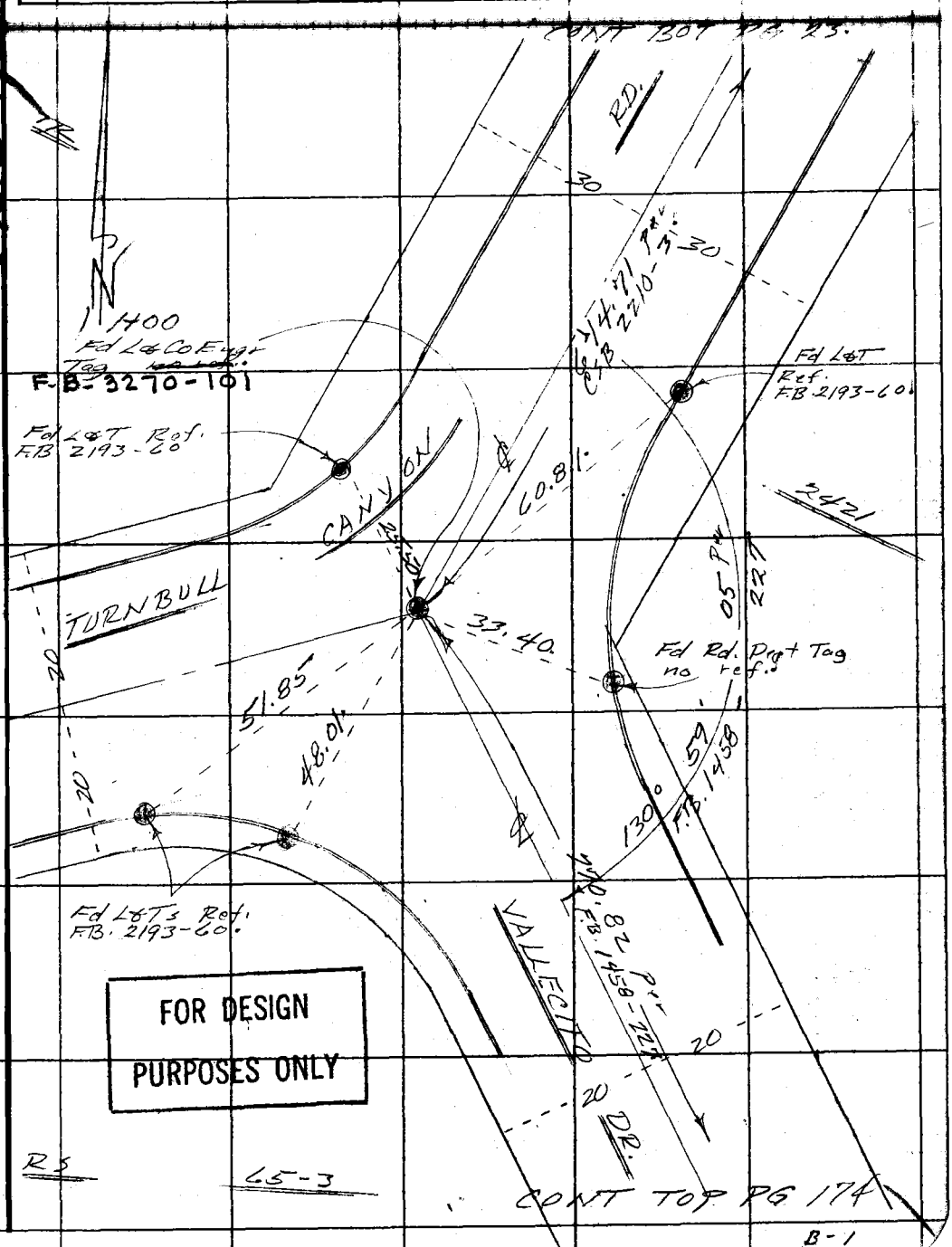
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

A-1

Notes Ck'd by W. EDMONDSON	Survey of SD Project # 1241
Map No.	F. B. 3270 PG. 173
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Guizado Date 8 July 71
Date	Indexed T. M. PALMERI

W.S. 37, 4

A



FOR DESIGN PURPOSES ONLY

B-1

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
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

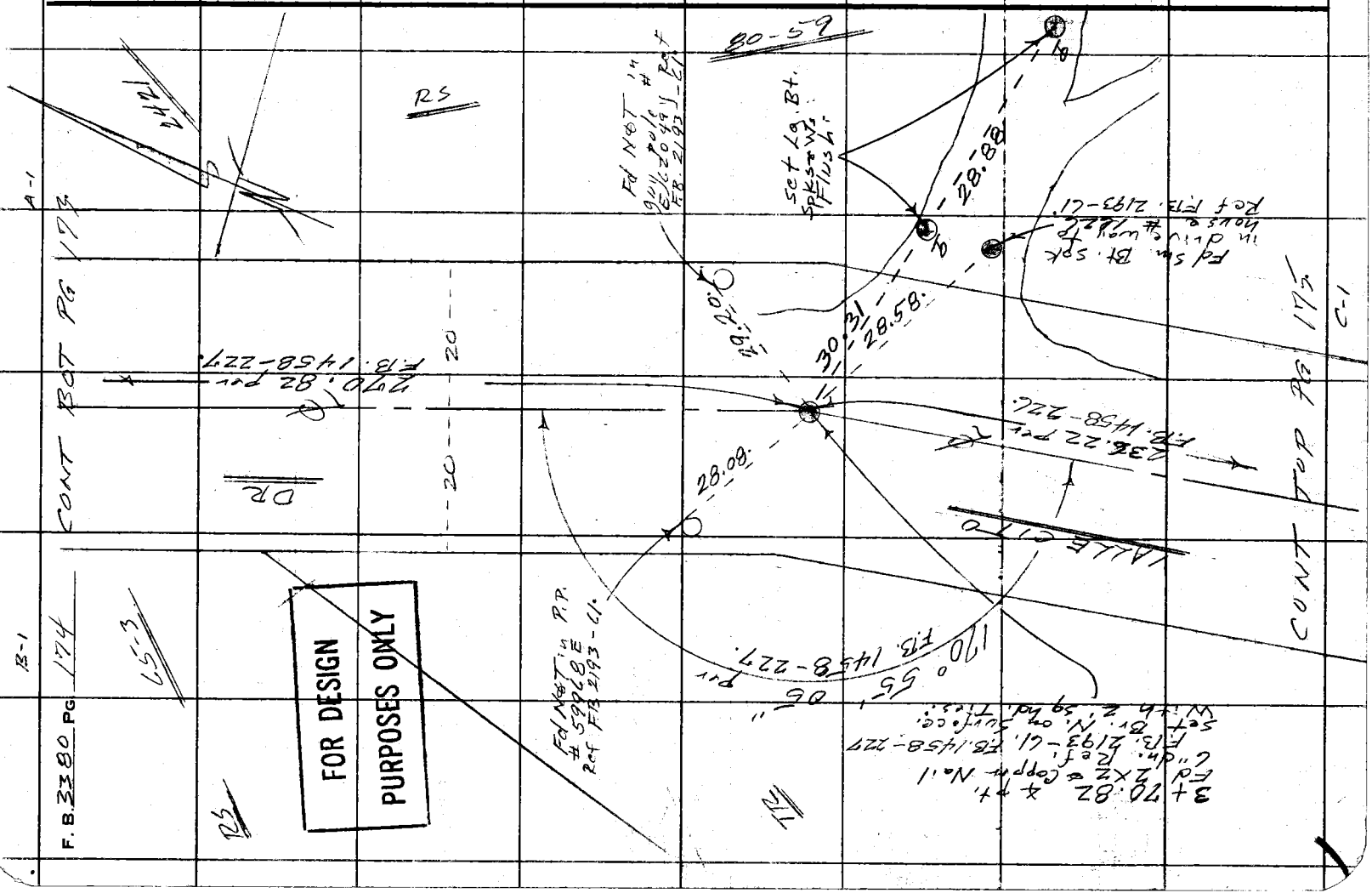
76F309S CE#310 3-69

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 this side of this line.

WS 37 E-4

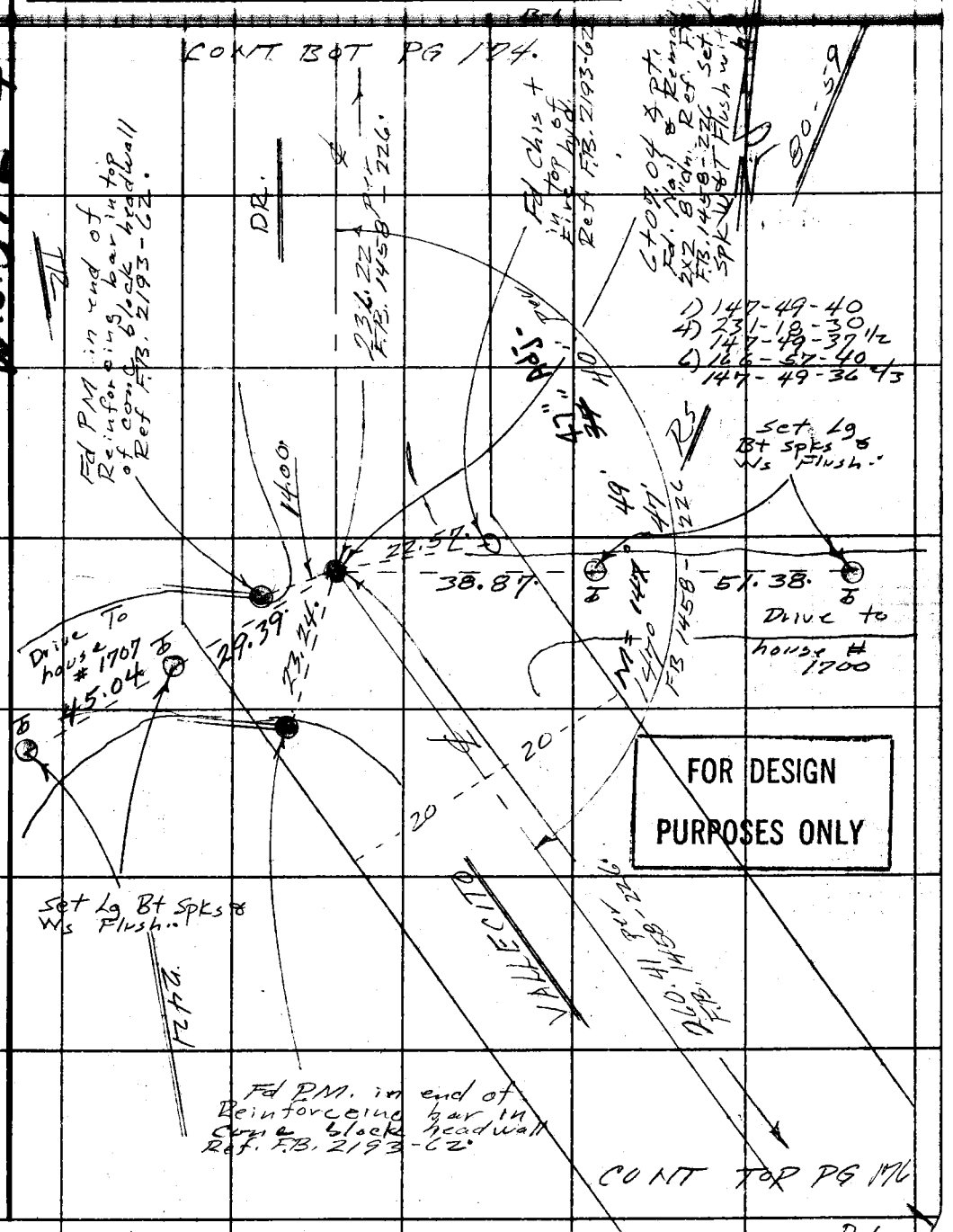


C-1

Notes Ck'd by W. EDMONDSON	Survey of [illegible]
Map No.	JN [illegible] Tape [illegible] Sta [illegible]
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Guizado Date 24 Aug 71
Date	Indexed T. M. PALMERI

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

W.S. 37 E-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.

Do not extend this side of this line.

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

76F309S CE#310 3-69

D-1

D-1

F. B. 3380 PG 176

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

Do not extend this side of this line.

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

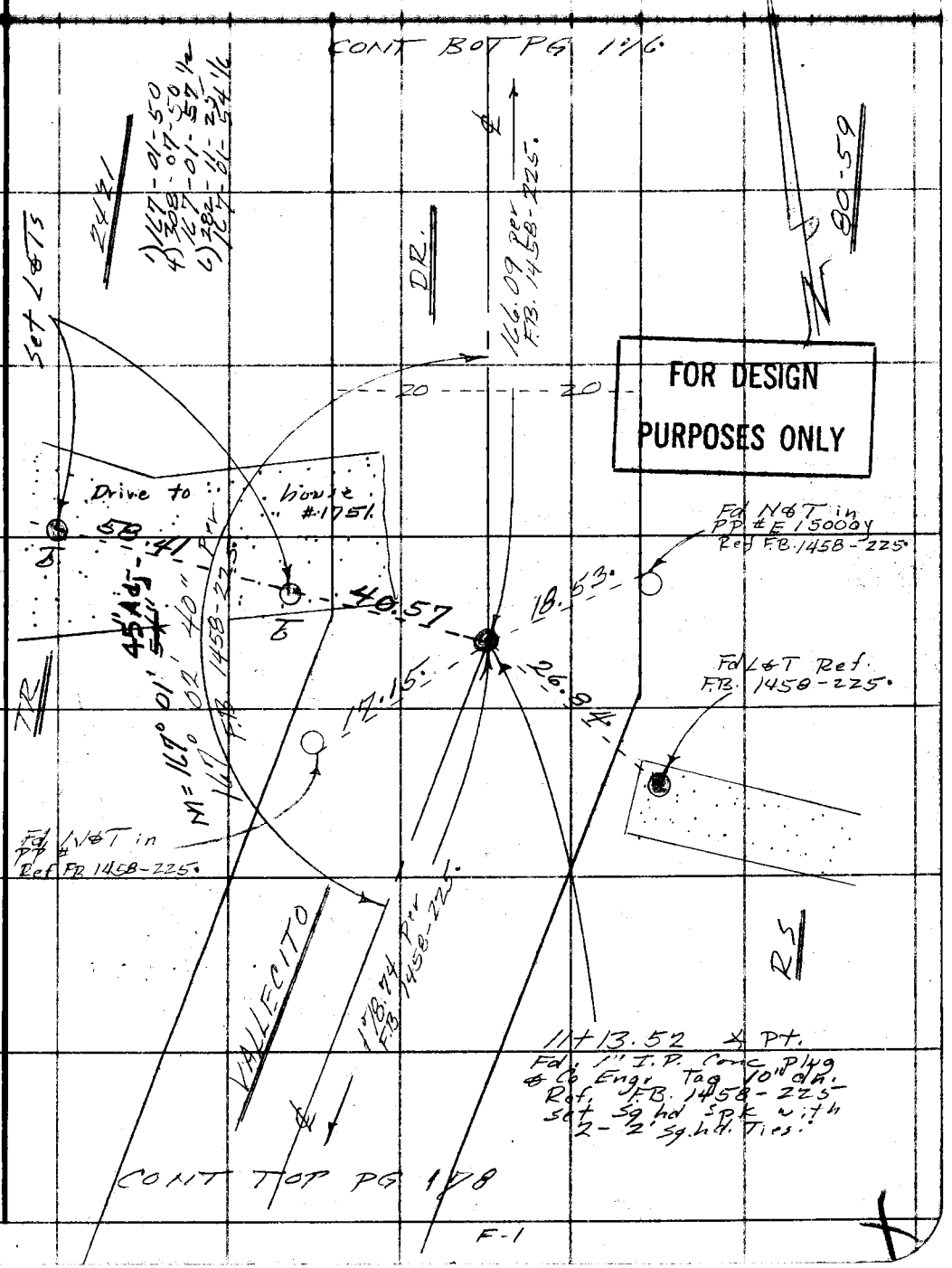
FOR DESIGN PURPOSES ONLY

4537 E-4

E-1

Notes Ck'd by W. EDMONDSON	Survey of [illegible] #1271
Map No.	[illegible]
Office Work	Surveyed by F.F. Brooks
Checked	Notes F.F.B.-Guizado Date 25 Aug 71
Date	Indexed T. M. PALMERI

F. B. [illegible] PG. 177



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
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-69

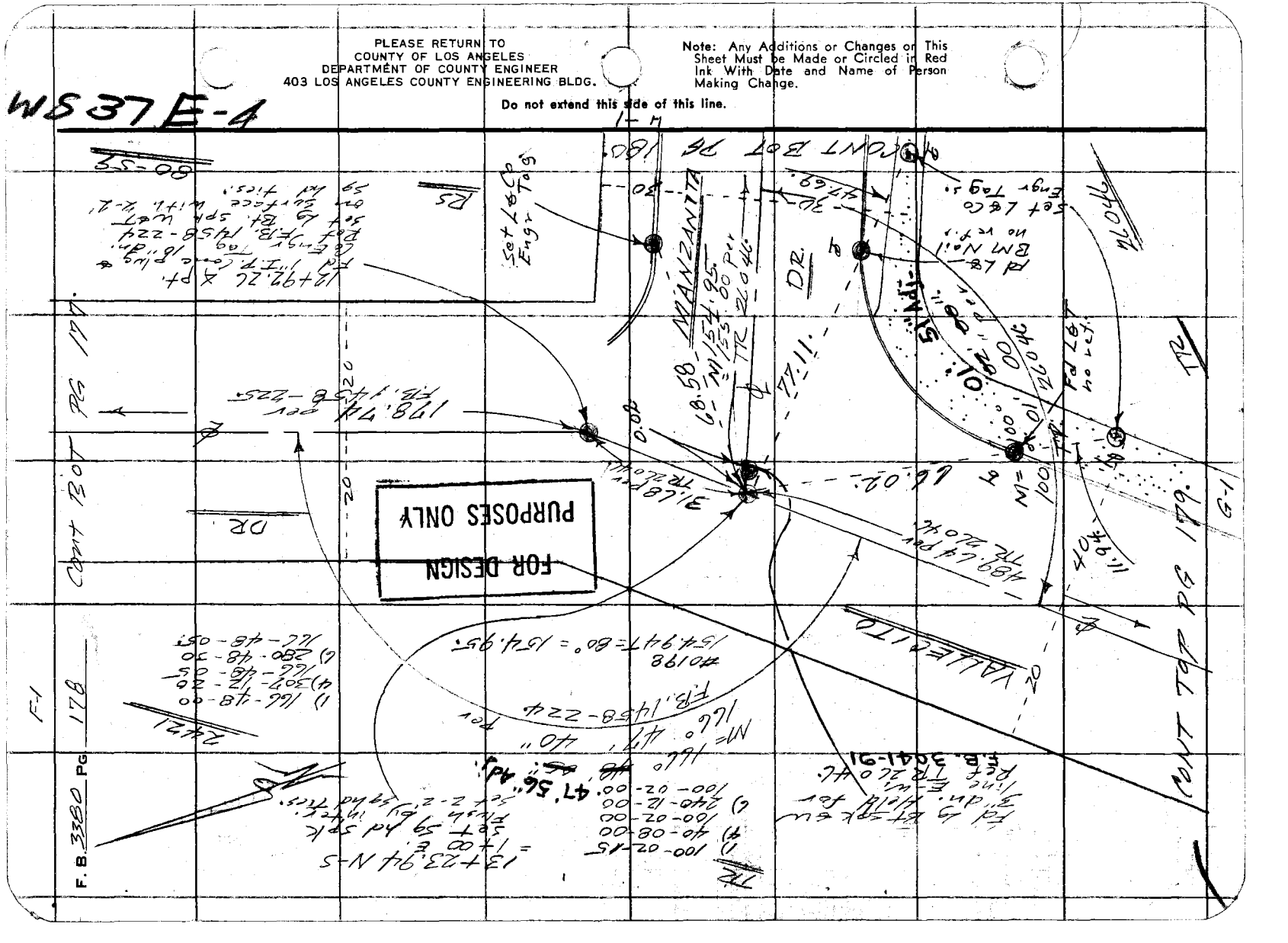
F-1

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 this side of this line.

WS 37E-4



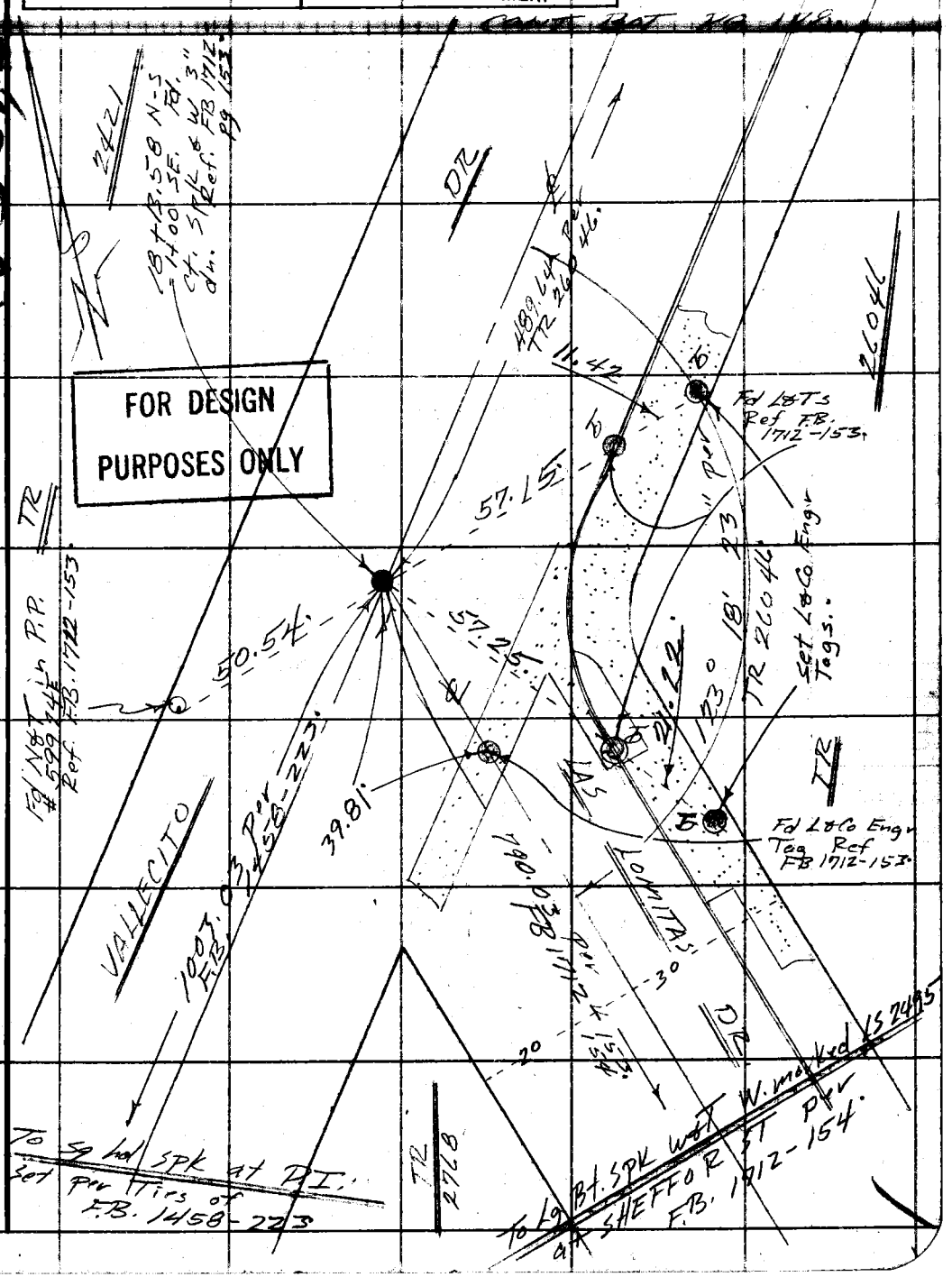
G-1

Notes Ck'd by W. EDMONDSON	Survey of [illegible]
Map No.	JN [illegible] Tape [illegible] Std [illegible]
Office Work	Surveyed by F.L. Brooks
Checked	Notes F.B. Guizado Date 27 Aug 71
Date	Indexed T. M. PALMERI

F. B. PG. [illegible]

F-1

W 537 E-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.

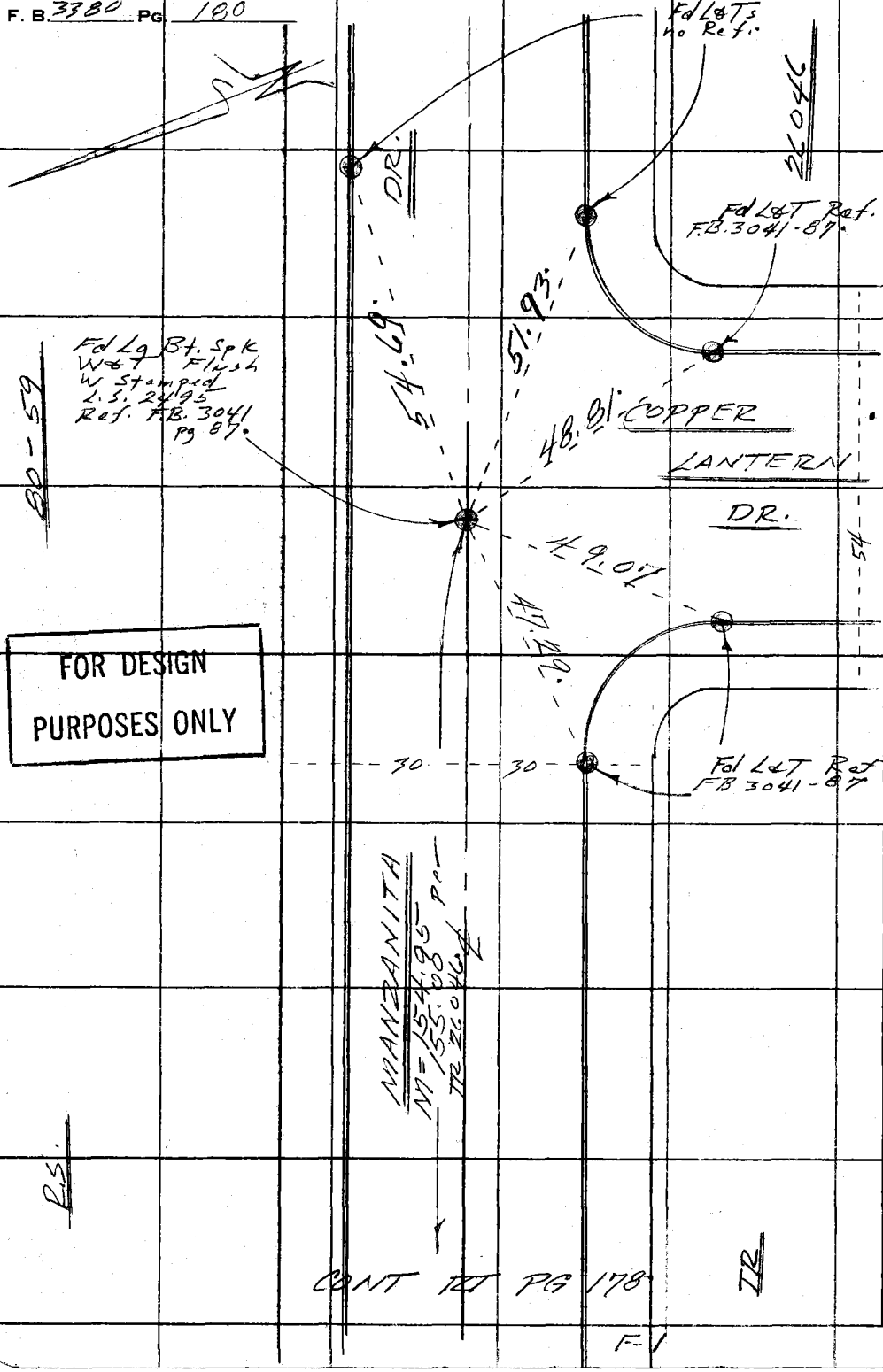
Do not extend this side of this line.

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

76F309S CE#310 3-69

H-1

F. B. 3380 PG 180



FOR DESIGN PURPOSES ONLY

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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of SD PROJECT # 1271
Map No.	JN Tape Stg °F
Office Work	Surveyed by FE BROOKS
Checked	Notes FEB - GOG Date 30 Aug 71
Date	Indexed T. M. PALMERI SEP 14 '71

F. B. 3380 PG. 181

JN 6012.71

STORM DRAIN PROJECT

No. 1271

LINE D

LOCATION OF IMPROVEMENTS

FE Brooks
TC Peterson
RA Moore
T Ohashi

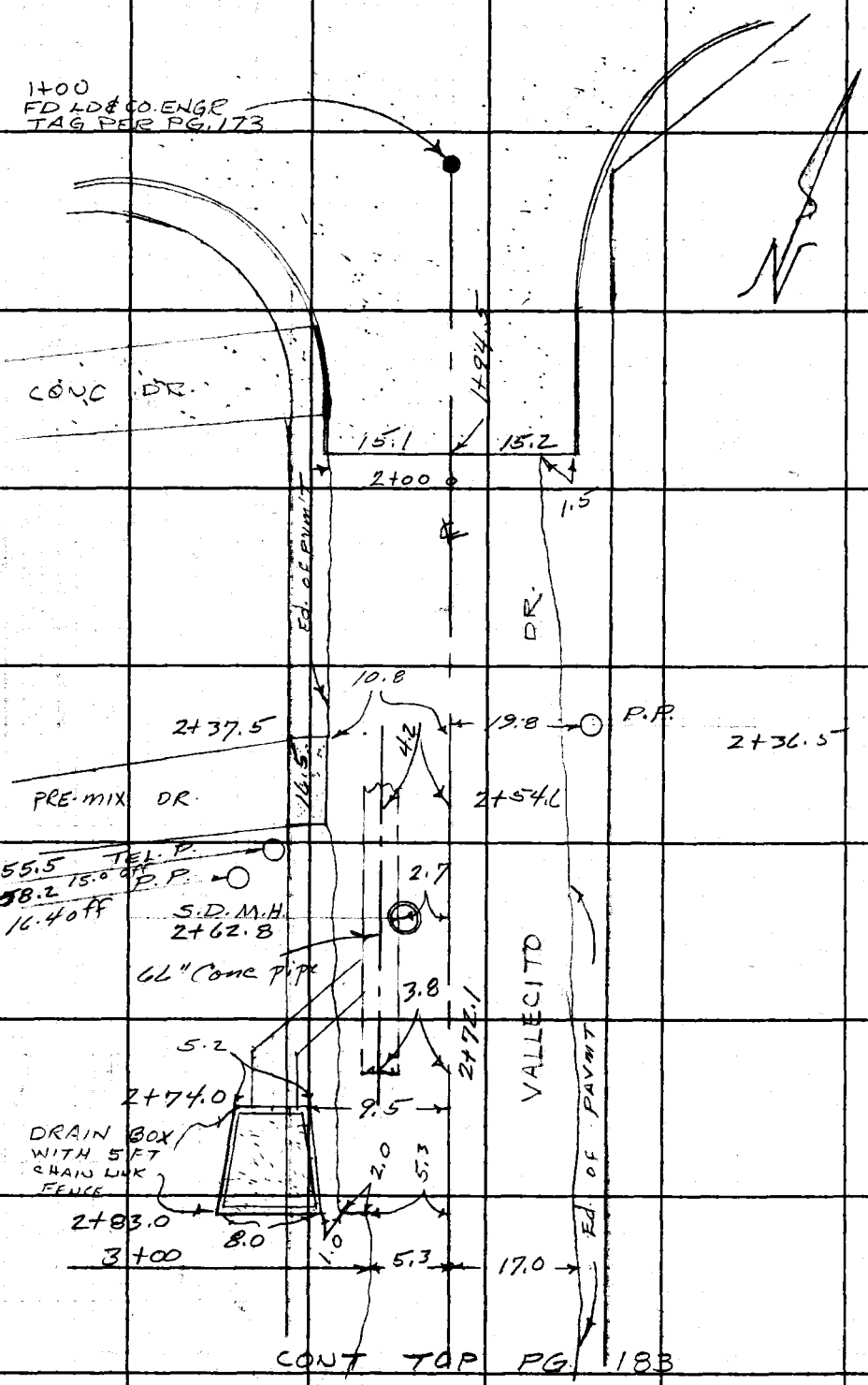
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3095 C.F. #310 6-62

F. B. 3380 PG. 182

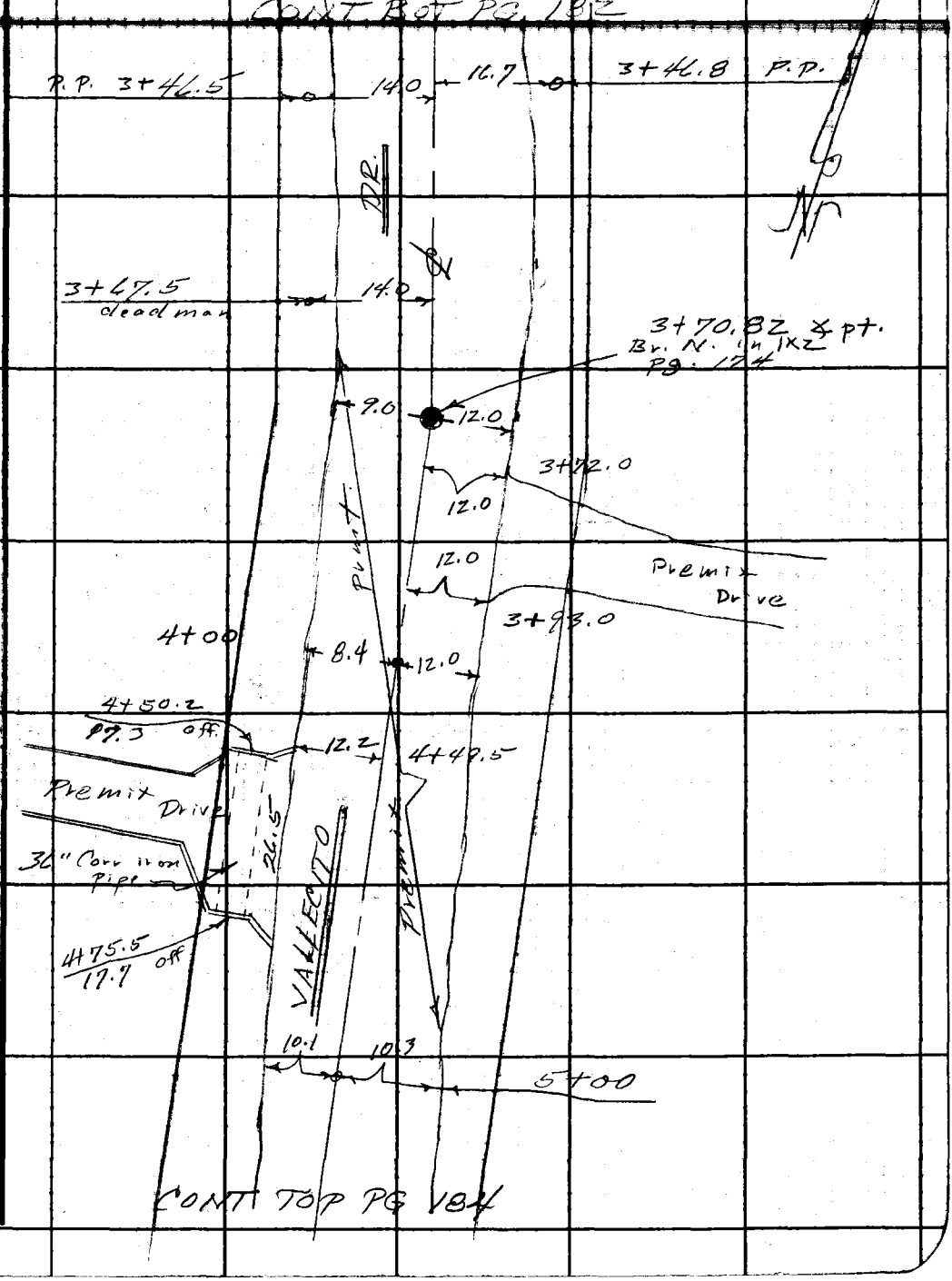


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of SD PROJECT #1271	F. B. 3380 PG. 183
Map No.	JN6[illegible] Tape Std °F	
Office Work	Surveyed by FE [illegible]	
Checked	Notes FE5-G0G Date 30 Aug 71	
Date	Indexed T. M. PALMERI	

CONT BOT PG. 182



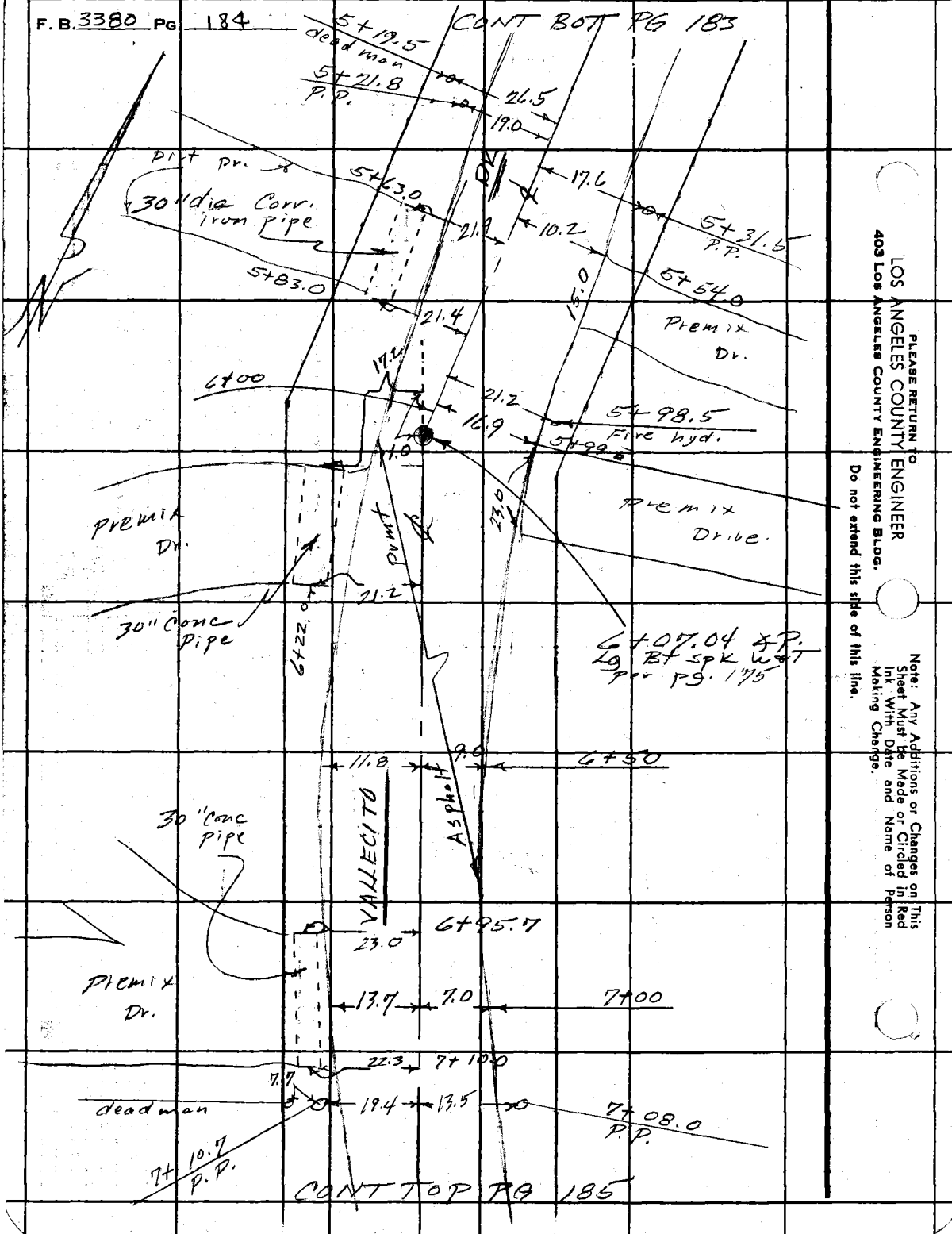
CONT TOP PG 184

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
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F309S C.E. #310 6-62

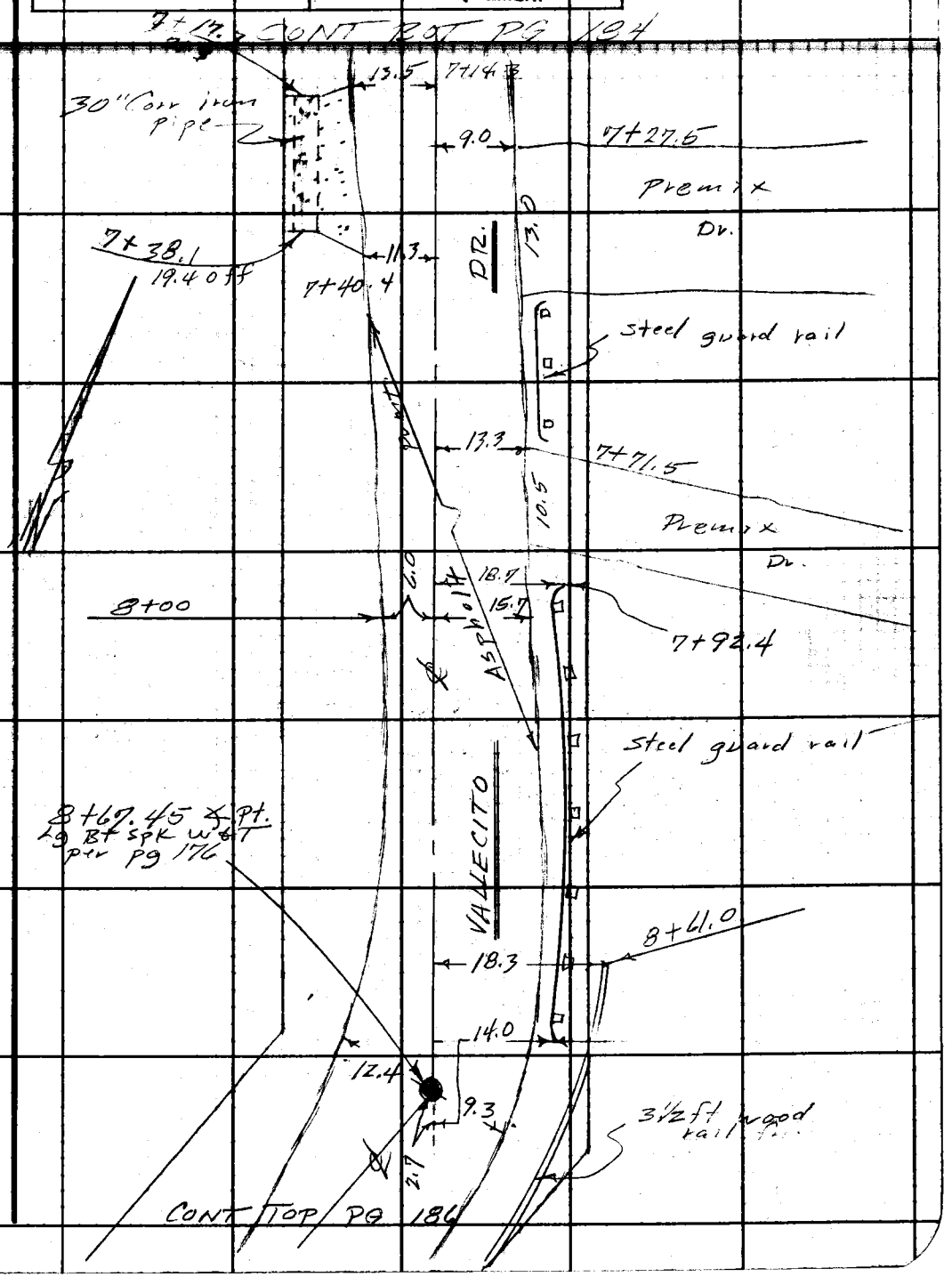
F. B. 3380 PG. 184



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of S.D. Project #1271	F. B. 3380 PG. 185
Map No.	JN 6012-71 Tape Std °F	
Office Work	Surveyed by [illegible]	
Checked	Notes FEB Date 30 Aug 71	
Date	Indexed T. M. PALMERI	



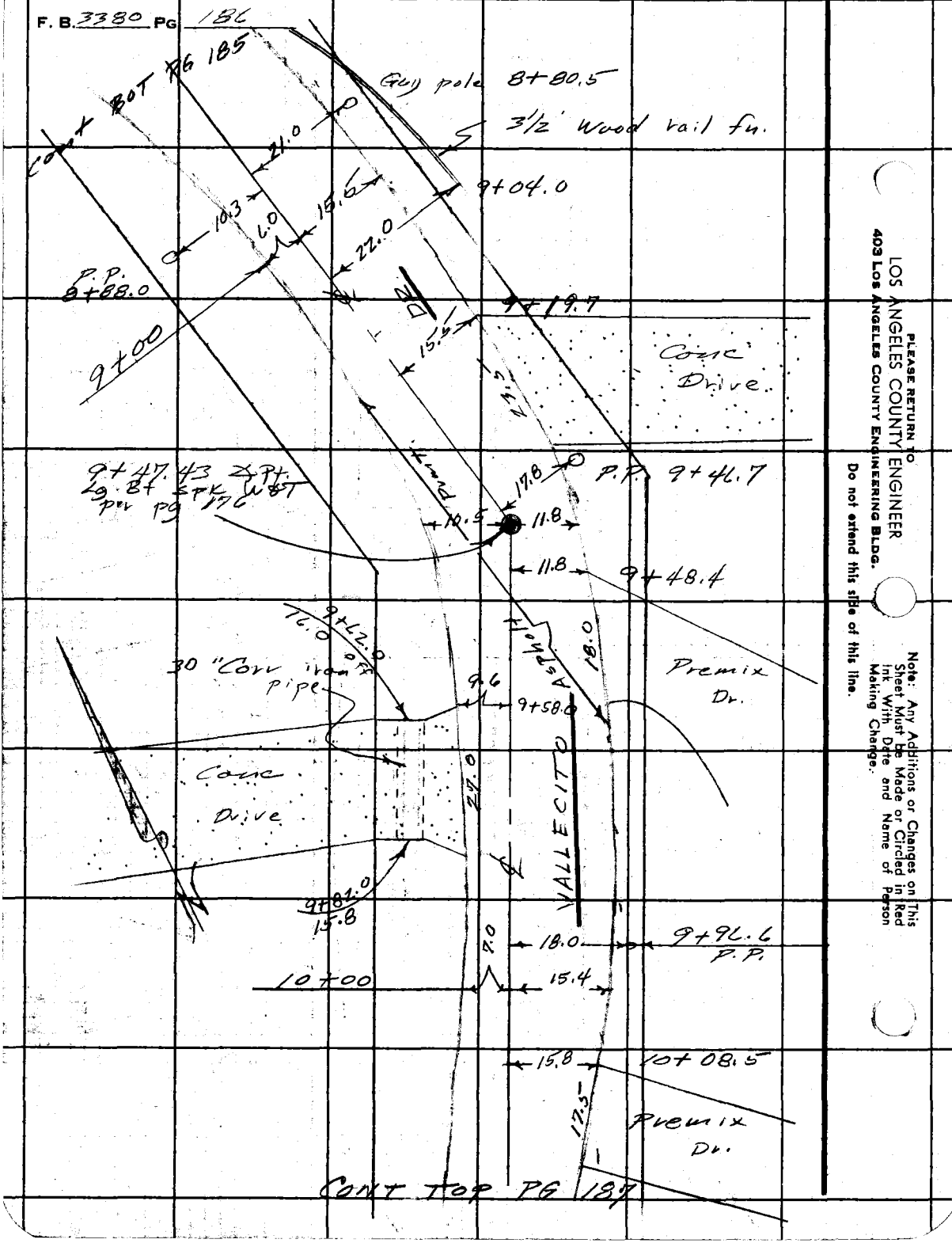
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S CF #310 6-62

F. B. 3380 PG 186

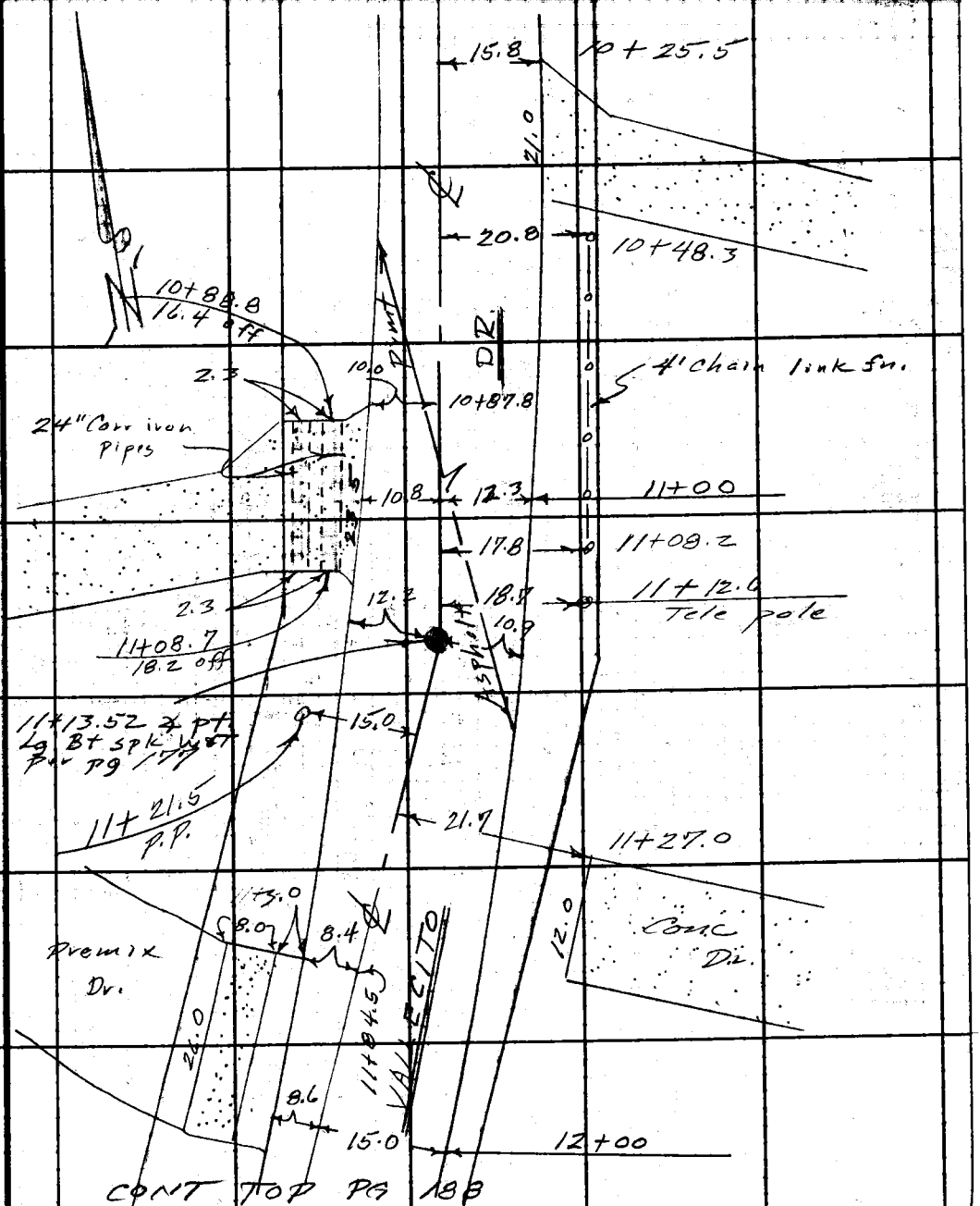


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of S.D. Project #1271	F. B. 3380 PG. 187
Map No.	JN 10.12.71 Tape Std °F	
Office Work	Surveyed by [illegible]	
Checked	Notes F.E.B. Date 30 Aug 71	
Date	Indexed T. M. PALMERI	

CONT BOT PG 186



CONT TOP PG 188

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

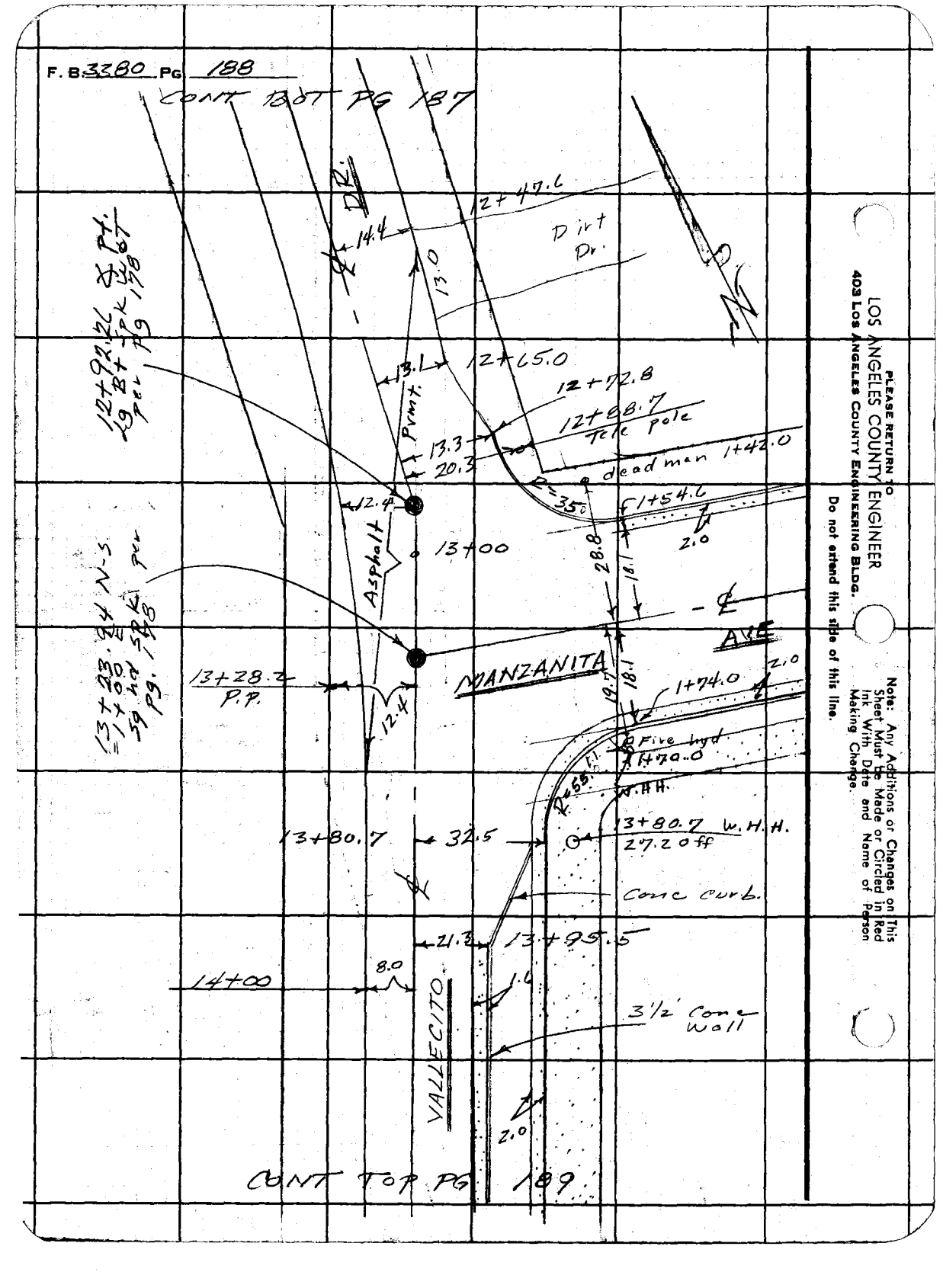
Do not extend this side of this line.

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

76F309S CE #310 6-62

F. B. 3380 PG 188

CONT FROM PG 187



CONT TOP PG 189

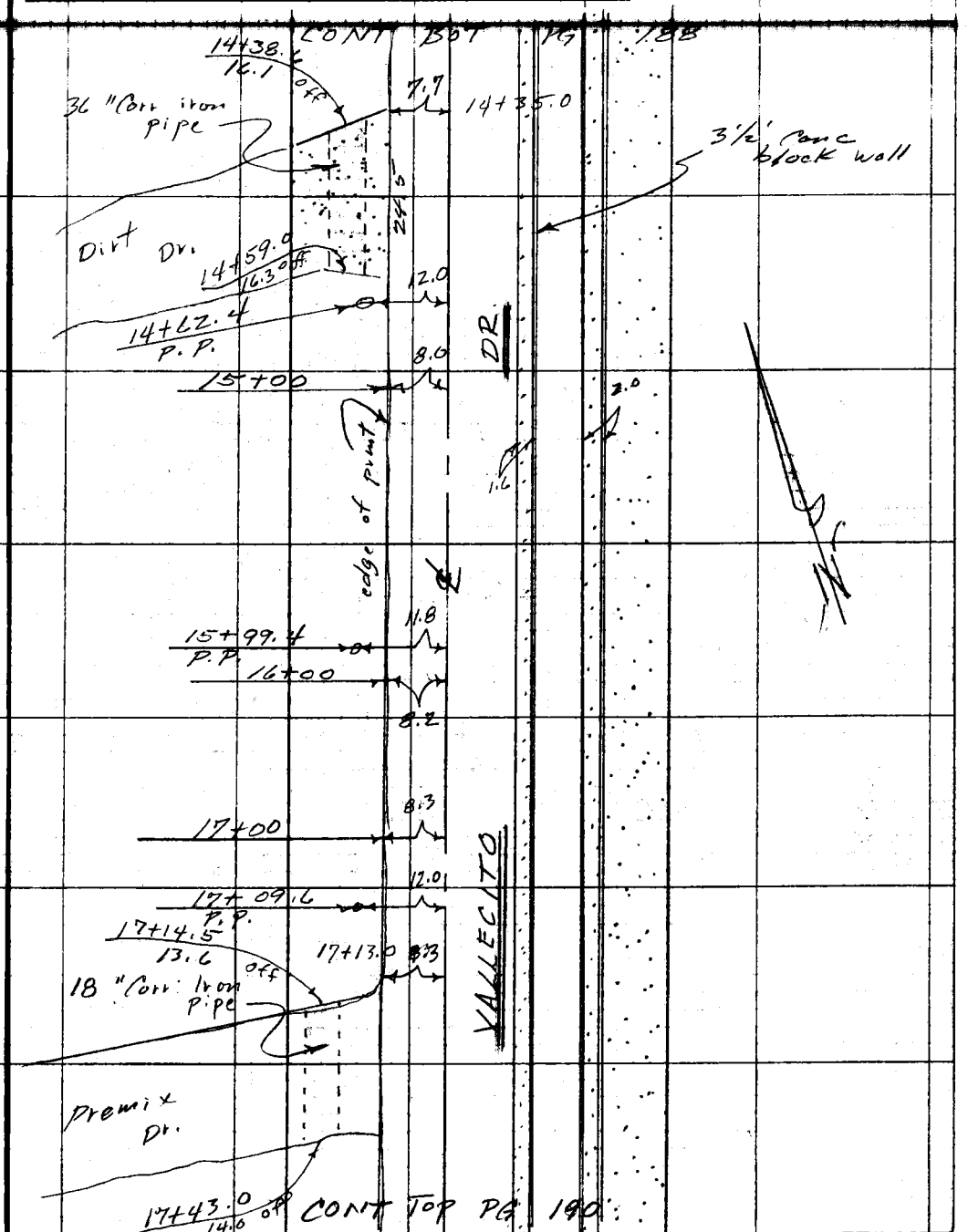
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of S.D. Project #1871
Map No.	[illegible]
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 30 Aug 71
Date	Indexed T. M. PALMERI

F. B. 3330 PG. 189



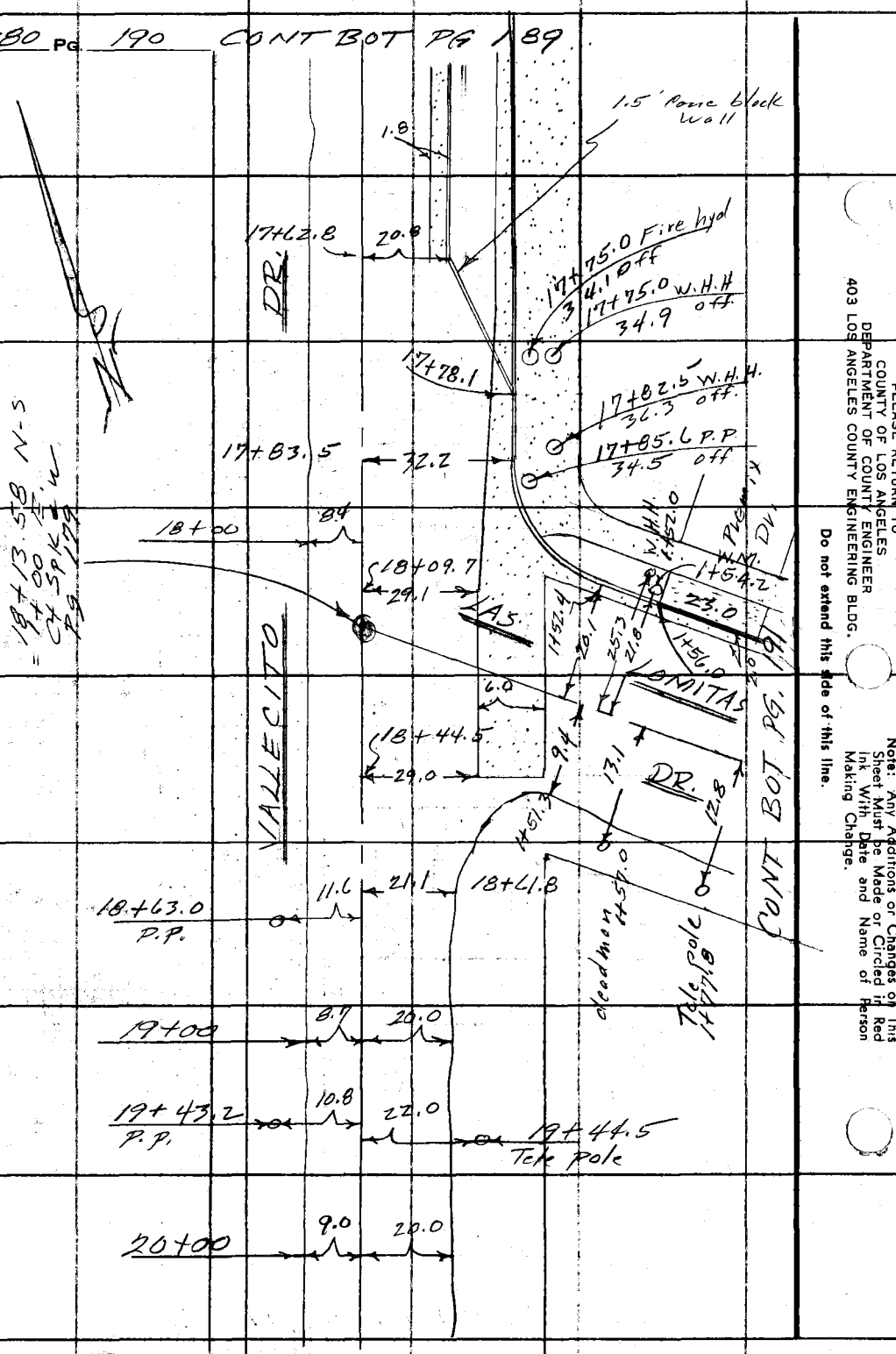
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3380 Pg. 190 CONT BOT PG 189.

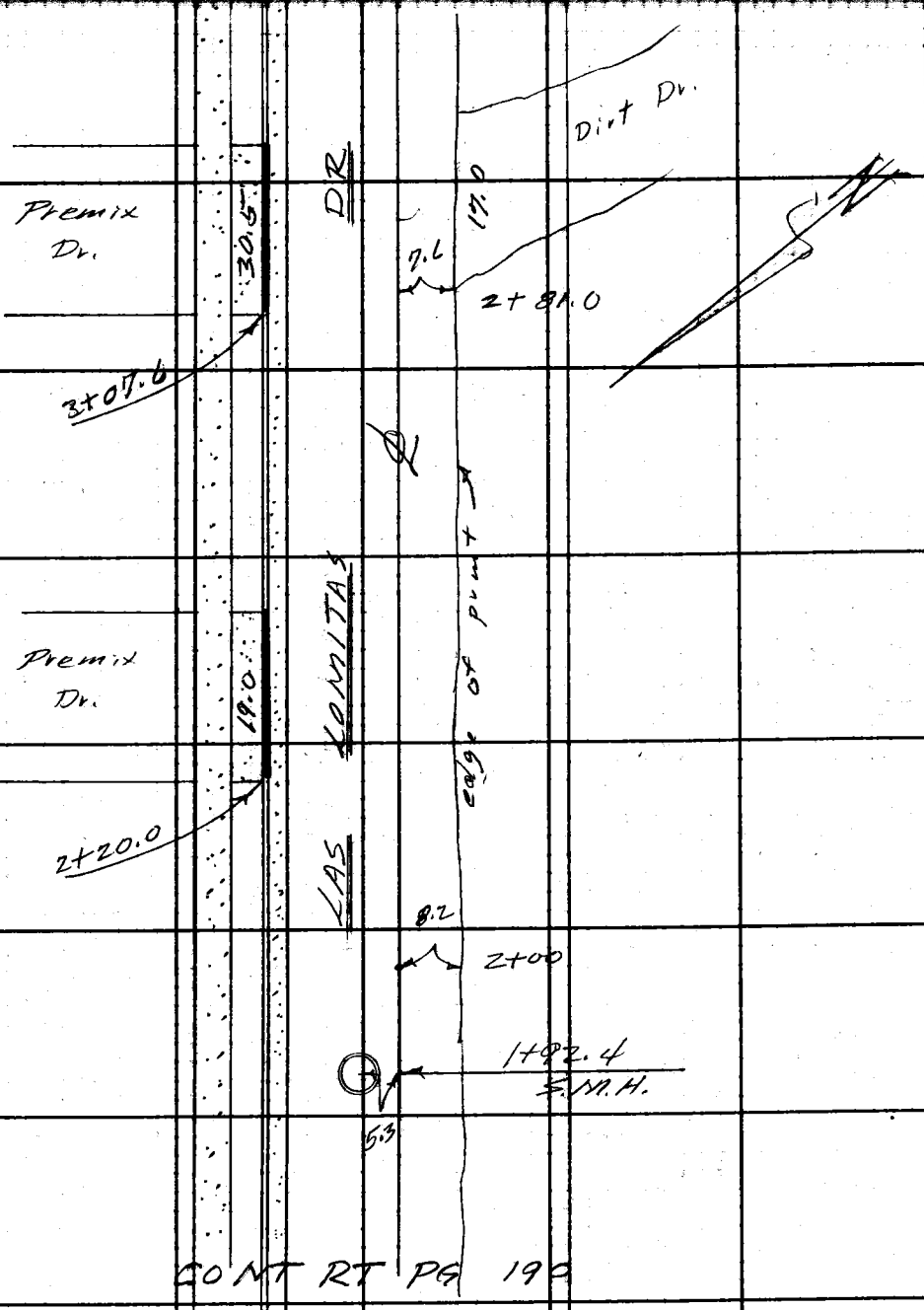


PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of SD Project #1271	F. B. 3380 PG. 191
Map No.	JN 6017.71 Tape Std °F	
Office Work	Surveyed by [illegible]	
Checked	Notes FE B Date 30 Aug 71	
Date	Indexed T. M. PALMERI	



CONT RT PG 190

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
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76E3098 CF #310 6-62

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 this side of this line.

F.B. 3780 PG 19

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. ____ Pg. ____

X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____

Date ____ Date ____ Survey of S.D. Project #1271

Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date SEP 14 '71

SN 6012.71

STORM DRAIN PROJECT

No 1271

LINE D

CROSS SECTIONS

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

FE Brooks
T.C. Patterson
GO Guizado
RA Moore
T Tokoshi

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-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM S.D. 2050				394 34	BM S.D. 2050 Elev. 394.~~338~~ 440 F.B. 3380-15	
					Turnbull Canyon Rd. E. side of house # 1552	
					PK spk in lead. in N.W. Cor. of S.D.C.B.	
					South on VALLECITO DR	
					Lt. or East	℄ Rt. or West.
2+00				398 73		℄
				398 16		7.5 Rt. prmt
				398 42		15.1 " edge prmt.
				401 8		20.0 " P/L.
				398 61	6.8 Lt prmt	
				398 50	13.7 Lt. edge prmt	
				399 1	20.0 " P/L.	
2+62.8 S.D.	M.H.	Nrim 340.96 Srim 341.04		401 00		2.7 Rt. mean rim elev.
2+72.1				401 33		℄
	T.P.			401 31		3.8 Rt. prmt over end of 66" conc pipe

F. B. 3380 Pg. 194 Job No. 6612.71 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #1271 Date Date No.
Survey by FR Brook Notes FEB. Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East ℄	Rt. or West
2+72.1					mean rim elev. of S.D MH at 2+62.8	= 401.00
					meas	= 13.05
					Invert	= 387.95
				38795		3.8 Rt Invert of 66" Conc pipe.
				40135		7.3 Rt edge of pvmt
				40124	8.0 Lt pvmt	
				40090	16.0" edge pvmt.	
2+74.0				39517		12.1 Rt. Invert of 4'x4.2 box
2+83.0				39893		12.3 Rt. edge conc. drain
3+00				40224		℄
				40216		5.3 Rt. edge pvmt
				4020		7.8 " Top bank
				3992		10.5 " ditch
				3993		13.7 " ditch
				4071		20.0 " P/L
				40222	3.0 Lt pvmt	
				40208	10.0" pvmt	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of SD Project #1
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed L. M. PALMER Date ____

F. B. 2390 PG. 195

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄	Rt. or West
3+00				40185	17.0 Lt edge prmt		
				4019	20.0 " P/L		
4+00				40517		℄	
				40513			4.2 Rt prmt
				40502			8.4 " edge prmt
				4050			11.0 " Top bank
				4027			13.5 " ditch
				4027			17.0 " ditch
				4073			20.0 " P/L
				40512	6.0 Lt prmt		
				40495	12.0 " edge prmt		
				4050	14.0 " ground		
				4035	20.0 " P/L		
5+00 TP				40731		℄	
				40754			5.0 Rt prmt
				40765			10.1 " edge prmt
				4071			18.0 " Top bank
				4042			20.0 " ditch
				4042			23.5 " ditch

F. B. 3380 Pg. 196 Job No. 6012.71 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of SD Project #1271 Date ____ Date ____ No. ____
Survey by EE Brook Notes FEB Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed T. M. PALMERI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East ℄	Rt. or West
5+00				4087		26.0 Rt. Top bank
				40705	5.1 Lt prmt	
				40668	10.3 " edge prmt	
				4071	15.0 " ground	
				4046	20.0 " P/L	
6+00				40957	℄	
				40994		5.5 Rt edge prmt
				4101		11.5 Rt Top bank
				4072		16.5 " ditch
				4071		21.0 " ditch
				4091		26.0 " Top bank
				40908	5.0 Lt prmt	
				40872	11.0 " prmt	
				40806	16.9 " edge prmt	
				4080	20.0 " P/L.	
7+00 TP				40953	℄	
				40936		6.8 Rt. prmt
				40996		13.7 " edge prmt
				41013		20.0 " P/L

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____ F. B. 3380 Pg. 194
No. ____ Date ____ Date ____ Survey of S. D. Project #12-71
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt. or West.
7+00				40910	7.0 Lt edge pvmt	
				4092	11.0 " ground	
				4049	20 " ground	
BM S.D. 2051				410 04	BM S.D 2051 Elev. 410.119 ~~038~~ F.B. 3380-16	
					Vallecito Dr. S. side at house # 1731	
					PK spk in lead in most W'ly cone drive	
8+00				41006		℄
				40988		6.0 Rt edge pvmt.
				4101		9.0 " Top of bank
				4091		10.0 " ditch
				4090		15.5 " ditch
				4108		17.0 " Top bank
				4114		20.0 " P/L
				41010	5.0 Lt pvmt	
				41026	10.3 " pvmt	
				41029	15.7 " edge pvmt	
				4104	20.0 " P/L	
9+00				41102		℄

F. B. 3380 Pg. 198 Job No. 6012.71 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of S. D. Project #1271 Date ____ Date ____ No. ____
Survey by F.E. Brooks Notes F.E.B. Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed T. M. PALMERI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	Rt. or West
9+00				41 06 7		6.0 Rt edge prmt
				41 08		7.5 " Top bank
				40 94		9.0 " ditch
				41 09 4		14.0 " ditch
				41 2 3		15.5 " Top bank
				41 2 6		20.0 " P/L
				411 22	5.0 Lt. prmt	
				41 1 44	10.2 " "	
				41 1 53	15.5 " edge prmt	
				41 1 4	20.0 " P/L	
10+00 TP.				412 97		
				412 58		7.0 Rt. edge prmt
				41 2 60		11.0 Rt Top Bank
				41 0 4		13.5 " ditch
				41 0 4		17.0 " ditch
				41 37		20.0 " Top bank
				413 12	5.0 Lt. prmt	
				413 32	10.2 " prmt	
				413 35	15.4 " edge prmt	
				413 1	20.0 " P/L	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMENTE ____ Date ____

F. B. ____ Pg. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 3380 Pg. 200 Job No. Div. 11 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Project #12111 Date Date No. X-Sec.
Survey by F.E. Brooks Notes F.E.B. Notes Chk'd. Checked
Indexed T. M. PALMER! Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄	Rt. or West
11+00				41548		℄	
				41510			5.4 Rt pvmt
				41462			10.8 " edge pvmt
				41544			20.0 " P/L
				41541	6.1 Lt pvmt		
				41566	12.3 " edge pvmt		
				41445	20.0 " P/L		
12+00				41809		℄	
				41756			8.6 Rt pvmt
				41664			14.0 " ditch
				41735			20 " P/L.
				41831	7.5 Lt. pvmt		
				41825	15.0 " edge pvmt		
				41782	17.5 " ground		
				41774	20.0 " P/L		
12+72.8				42011		℄	
				42022	6.6 Lt. pvmt		
				41986	13.3 " edge pvmt		Top ch.
				41803	20.0 " P/L		

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Project
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____
Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____
F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East ℄ Rt. or West
13+00 Tp.				420 76	℄
					5.7 Rt prmt
					11.5" edge prmt
					13.5" Top bank
					17.2" ditch
					23.0" Top bank
13+23.94				421 22	℄ inter
					East on MANZANITA DR
					Lt. or North ℄ Rt. or South
14+64.6				419 10	℄
				418 82	9.0 Lt. prmt
				418 68	16.1" gu Her out
				418 54	17.8" gu Her in
				419 15	18.1" Top ck.
14+84.0				418 46	℄
				418 35	9.6 Rt prmt
				418 22	16.1" gu Her out
				418 08	17.8" gu Her in

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 3380 Pg. 202 | Job No. 6012.71 | Division No. 11 | Notes Red | Plotted | Profile
Survey of S. D. Project #1271 | Date | Date | No.
Survey by FEBrook Notes FEB | Notes Chk'd. | Checked | X-Sec.
Indexed T. M. PALMERI Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North	Rt. or South
1+84.0				418.71		18.1 Rt. Top cb.
					South on VALLECITO DR.	
					Lt or East	Rt. or West
BM BG 3160				419.16	BM BG 3160 Elev. 419.~~160~~.367 F.B. 3380-17 Vallecito Dr. and Monzanita Dr. S. E. Co. Rd. Dept BM Tag 1 ft. E. of E end. C.R.	
13+90.7				422.72		
				422.82	8.0 Lt. print	
				422.54	16.0 " print	
				422.25	22.3 " gutter	
				422.68	24.0 " base of cb.	
				422.37	24.3 " Top of cb.	
				422.55	30.5 " gutter out	
				422.44	32.2 " gutter in	
				422.06	32.5 " Top cb.	
14+00				422.92		
				422.68		8.0 Rt. edge print

76-L-298 CE 307 5-66

T.D. 473.52

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.	Lt. or East	℄ Rt. or West
14+00				422 6		11.0 Rt Top bank
				420 2		15.0 " ditch
				425 8		22.5 " Top bank
				422 97	8.0 Lt prmt	
				422 70	16.0 " prmt	
				421 29	19.7 " gutter out	
				421 16	21.3 " gutter in	
				424 71	21.3 " Top of wall	
				422 4	21.8 " ground	
				421 71	30.5 " gutter out	
				421 59	32.2 " gutter in	
				422 21	32.5 " Top ch.	
15+00				424 98		℄
				424 77		8.0 Rt edge prmt
				424 6		10.0 " Top bank
				422 6		16.0 " ditch
				426 2		21.0 " Top bank
				424 89	7.5 Lt. prmt	
				424 54	15.0 " prmt	
				423 57	19.7 " gutter out	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6012.511 Division No. 11 F. B. [illegible] PG. 203
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Project #1271
Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 3380 Pg. 204 Job No. 6012.71 Division No. 11 Notes Red Date Plotted Date Profile No.
Survey of S. D. Project #12471 Date Notes Chk'd. Date Checked Date X-Sec. No.
Survey by F.E. Brooks Notes F.E.B.
Indexed T. M. PALMERI Date

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	Rt. or West
15+00				423.50	21.3 Lt.	gutter in
				426.91	21.3 "	Top wall
				424.5	21.8 "	ground
				423.01	30.4 "	gutter out
				422.90	32.1 "	gutter in
				423.50	32.4 "	Top ob.
16+00				427.50		
				427.14		8.2 Rt Rt edge pvmt
				427.2		13.0 " Top bank
				425.3		15.5 " ditch
				426.9		20.0 " Top bank
				427.00	7.2 Lt.	pvmt
				426.49	14.5 "	pvmt
				425.85	18.7 "	gutter out
				425.72	20.8 "	gutter in
				429.22	20.8 "	Top wall
				426.4	21.3 "	ground
				425.43	30.4 "	gutter out
				425.33	32.1 "	gutter in
				425.95	32.4 "	Top ob.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

Profile Notes Red____ Plotted____ Job No.____ Division No.____
No.____ Date____ Date____ Survey of____
X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed____ Date____

F. B. ____ PG. ____

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄ Rt. or West
17+00*				42978		℄
				42963		8.3 Rt. edge Pvmt
				4296		10.5 " Top bank
				4289		13.0 " ditch
				4287		17.5 " ditch
				4291		20.0 " P/L Top bank
				42960	7.2 Lt. pvmt	
				42919	14.5 " pvmt	
				42831	19.0 " gutter out	
				42817	20.8 " gutter in	
				43143	20.8 " Top wall	
				4291	21.3 " ground	
				42863	30.2 " gutter out	
				42851	30.0 " gutter in	
				42914	32.2 " Top cb.	
17+73.5				43193		℄
				43173	7.0 Lt. pvmt	
				43124	14.0 " pvmt	
				43043	20.5 " pvmt	
				43094	28.5 " base of conc block wall	

76-L-298 CE 307 5-66

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

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

F. B. 3380 Pg. 20 | Job No. 6017.11 Division No. 11 Notes Red Date Plotted Date Profile No.
Survey of S. D. Project #1201 Date Notes Chk'd. Date Checked Date X-Sec. No.
Survey by F E Brooks Notes F E B - Colorado
Indexed T. M. PALMERI Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	&	Rt. or West
17+73.5				43343	28.5 Lt. Top conc block wall		
				43106	30.2 " gutter out		
				43093	32.0 " gutter in		
				43153	32.2 " Top ob.		
18+00				43270		&	
				43279			8.4 Rt. edge pvmt
				4325			11.5 " Top bank
				4304			15.5" ditch
				4333			20.5 " Top bank
18+13.58				43322		&	int.
					East on LAS LOMITAS DR.		
					Lt. or North	&	Rt. or South
14+62.4				43332		&	
				43334			9.0 Rt edge pvmt
				4334			11.0 " ground
				4339			20.0 " P/L.
				43312	10.1 Lt. Pvmt		
				43260	18.1 " gutter out		

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North ℄	Rt. or South
1+62.4				432 45	19.9 Lt. gutter in	
				432 54	20.1 " Top depressed cb.	
1+92.4	S.M.H.	W rim = 433.68 E rim = 433.72		433 70	5.3 Lt. mean rim elev.	
					8" Inlet E.	8" Outlet N.
	Invert	8" Inlet E.		424 61	Rim 433.70	433.70
	"	8" Outlet N.		424 41	meas 8.42	8.62
					Top pipe 425.28	425.08
					dia 0.67	0.67
					invert 424.61	424.41
2+02.4				433 92		℄
				433 80		8.2 Rt. edge pvmt
				433 7		11.0 " ground
				434 3		20.0 " P/L.
				433 76	10.1 Lt. pvmt	
				433 33	18.1 " gutter out	
				433 19	19.9 " gutter in	
				433 79	20.1 " Top cb.	
3+02.4				435 30		℄

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of S.D. Project #1271
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date ____

F. B. 3365 Pg. 204

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or North	℄ Rt. or South.
3+02.4				43530		7.6 Rt edge prmt
				4357		20.0 " R/L.
				43507	10.1 Lt. prmt	
				43458	18.1 " gutter out	
				43441	19.9 " gutter in	
				43503	20.1 " Top ch.	
					South on VALLECITO DR	
					Lt. or East	℄ Rt. or West.
18+61.8				43462		℄
				43420	9.5 Lt prmt	
				43355	19.0 " prmt	
				43373	21.1 " edge prmt	
19+00				43576		℄
				43567		8.7 Rt edge prmt
				4356		11.5 " Top bank
				4340		16.0 " ditch
				4365		21.0 " Top bank
				43535	8.5 Lt. prmt	
				43485	17.0 " prmt	

F. B. 3380 PG. 208
Job No. 6012.71 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of S.D. Project # 1271 Date ____ Date ____ No. ____
Survey by F.F. Brooks Notes F.F.B. - Guizado Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed T. M. PALMERI Date ____ Date ____ Date ____ No. ____

298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt. or East	℄	Rt. or West
19+00				43495	20.0 Lt. edge pvmt.		
20+00				43896		℄	
				43874			9.0 Rt. edge pvmt
				4385			12.0 " Top ban
				4370			16.0 " ditch
				4398			21.0 " Top ba
				43873	7.5 Lt. pvmt		
				43818	15.0 " pvmt		
				43835	20.0 " edge pvmt.		
BM SD 2052				4317	BM SD 2052 Elev. 4431.762 FB. 3380 - Vallecito Dr. and Las Lomitas Dr. 5' N. of N end C.R. PK spk in

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Survey of S. D. Project ed 12/71
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date

F. B. 3380 PG. 23

F. B. 3380 Pg. 210 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chk'd. Checked X Sec.

Indexed Date Date Date

M-L-298 CE 5.

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.