7[illegible] CE #247

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[illegible] this side of this line.

[illegible]

DATE.	[illegible]	[illegible]		[illegible]	[illegible]
11 - 66	6112.17	BEN LOMOND STORM DRAIN.	BENCH LEVELS. Line A & B	B.M.s	5 - 18
11 - 66	6112.17	BEN LOMOND STORM DRAIN.	CENTER LINE SURVEY. Line A & B	C/L	19 - 50

Microfilmed Jan 85

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

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

F. B. PG.

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F. B. _____ Pg. _____

NOTES RED. JOB NO. 6112.17 SURVEY OF BEN LOMOND AVE. S.D.
DATE SURVEY BY L. L. BROWN
NOTES CHKD. M. ASHLEY NOTES BY L. L. BROWN DATE 11-21-66
DATE INDEXED [illegible] DATE

F. B. 3335 PG. 5

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DESCRIPTION	BEN LOMOND STORM DRAIN J.N. 6112.17 LINE A & B BENCH LEVELS
ADJ. ELEV.	BENCH LEVEL CIRCUIT FROM PRECISE B.M. NO. 11-30A TO B.M. NO. 11-31A THROUGH JOB BOTH LINE A AND LINE B AND CHECK IN AT PRECISE B.M. NO. 40-10
3RD RUN	NOTE: ELEV.'S BASED ON PRECISE LEVEL [illegible] LINE NO. 11 1963 ADJ. ELEV.
2ND RUN	
DIFF.	PARTY BROWN, L.L. MOODYMAN, W. FALSEY, J. SANDOVAL, M. MERINO, G.
1ST RUN	
B.M.	

765420 S & E-[illegible]

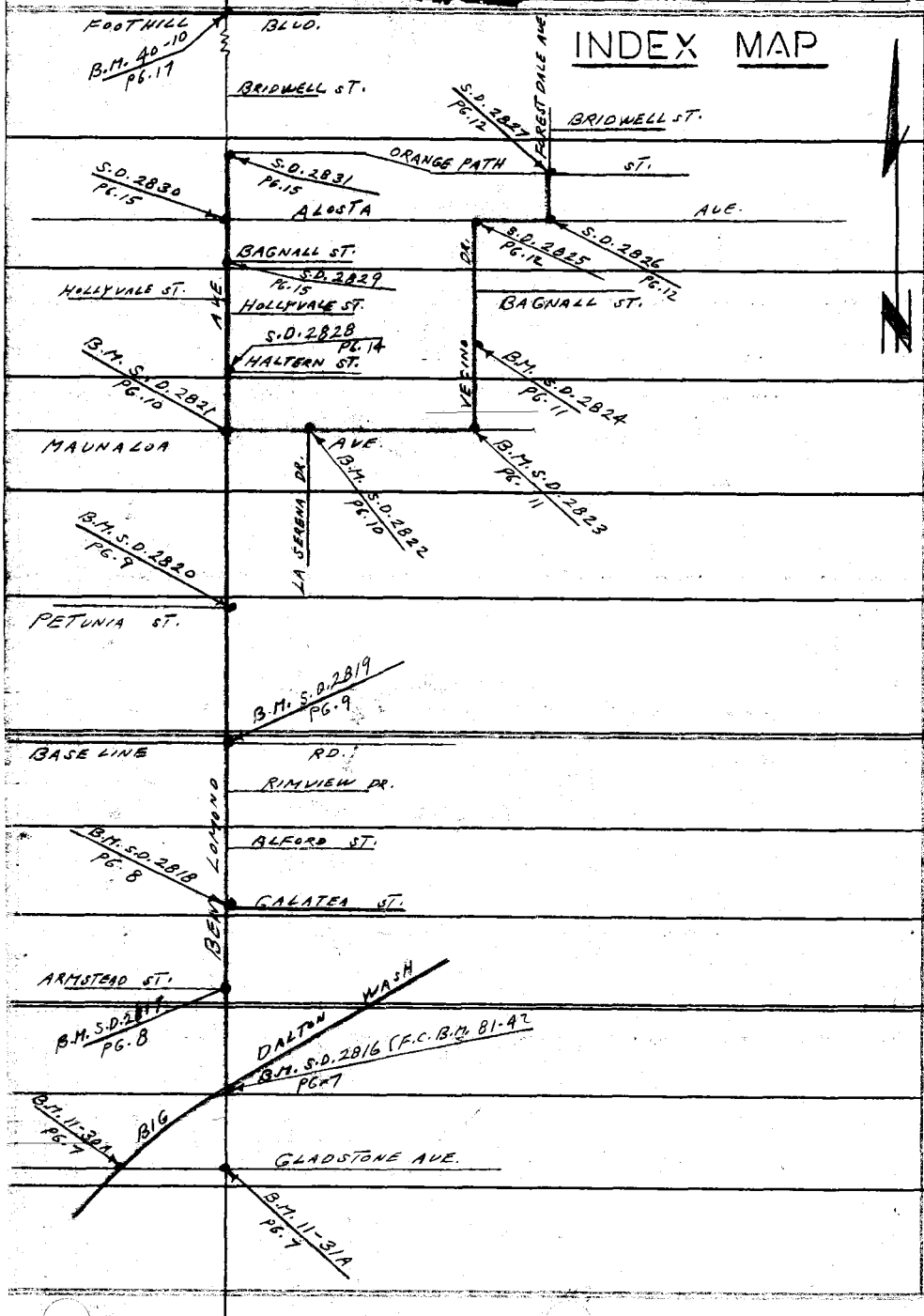
F.B. 3335 PG. 6

JOB NO. 6112'7 SURVEY OF BEN LOMOND AVE. S.D. NOTES RED.

SURVEY BY L.L. BROWN DATE

NOTES BY L.L. BROWN DATE 11-66 NOTES CHKD. M. ASHLEY

INDEXED C. J. GALLI DATE DATE 3'67



768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
fd						
B.M. 11-30A	612.559				612.559	BM 11-30 A (L.A. CFCD BM 81-40)
+	5.385		5 423			Gladstone Street @ Big Dalton Wash
Π	617.944	+1.523	+1 523			in the northeast cor. of Bridge No.
−	3 862		3 900			B-1242 A Los Angeles County Flood
TP	614 082					Control District brass disk stamped
+	6 705		6 761			"BM 81-40" F.B. 2880-25, 1963
Π	620 787	+3.547	+3.549	+3.550		Adj. Elev 612.559
−	3 158		3 212			
TP	617.629					P.K.
+	6.681		6 757			
Π	624.310	+1 806	+1 807	+1.808		
fd −	4 875		4 950			
BM 11-31A	619 435				619.440	B.M. 11-31 A (Glendora C-11), Gladstone
+	6 480		6 440			Street to the W. and Ben Lomond Ave. to the
Π	625 915	+2 998	+2 995	+2.996		S. @ the ℄ intersection. A Los Angeles
−	3 482		3 445			County Control System Traverse Station
T.P.	622 433					Marked "Glendora C-11 1956 R.E. 5869"
+	4 763		4 728			set in concrete 9" below the Pavement
Π	627 196	+1 840	+1 839			F.B. 1376-31 ℄ 1963 adj Elev 619.440
−	2 923		2 889			F.B. 948-28
T.P.	624 273					
+	6 662		6 708			B.M. S.D. 2816, Elev F.B. 3335-7
Π	630 935	2 853	2 852			Ben Lomond Ave. E. side 718' ± N. of
set −	3 809		3 856			Gladstone St. S.E. Cor. of conc. bridge
BM 2816	627 126				627.129	@ Dalton Wash, Brass disk Marked
						L.A. Co. Flood Control District BM 81-42,
						1960

NOTES RED _____ JOB NO. 612.17 SURVEY OF Ben Lomond S.D.
DATE _____ SURVEY BY L.L. Brown
NOTES CHKD MR ASHLEY NOTES BY W.A. Maodyman DATE 11/66
DATE MAR 3 '67 _____ DATE _____

F.B. 3335 Pg. 7

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JOB NO. 6112.17 SURVEY OF Ben Lomond S.D. NOTES RED. DATE
SURVEY BY L.L. Brown NOTES CHKD. ELEV. DATE
NOTES BY W.A. Maedyman DATE 11/1/64
INDEXED E.J. Pauly DATE

F.B. 3335 Pg. 8

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 2816	627 126				627.129	see Pg 7
+	5 749		5 802			
Π	632 875	+0 767	0 767			
−	4 982		5 035			
T.P.	627 893					P.K.
+	6 185		6 251			
Π	634 078	+1 559	+1 560			
−	4 626		4 691			
T.P.	629 452					P.K.
+	7 047		7 084			
Π	636 499	+1 504	+1 504			
set −	5 543		5 580			
B.M. 2817	630 956				630.959	B.M. S.D. 2817 Elev. F.B. 3335-8
+	6 192		6 249			Ben Lomond Ave & Armstead St.
Π	637 148	+1 709	+1 709			S.W. cor. 5'± S. of S. cb. return (service rd)
−	4 483		4 540			bt. spk in lead
TP	632 665					P.K.
+	5 640		5 740			
Π	638 305	+0 946	+0 945			
−	4 694		4 795			
TP	633 611					P.K.
+	4 532		4 559			
Π	638 143	+0 735	+0 738			
set −	3 797		3 821			
BM 2818	634 346				634.349	B.M. S.D. 2818 Elev F.B. 3335-8
+	4 991		5 025			Ben Lomond Ave & Galatea St. (E. side
Π	639 337	+0 605	+0 602	+0.603		island) 5' N of E. cb return bt. spk. in ld.
−	4 386		4 423			
TP	634 951					P.K.

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NOTES RED _____ JOB NO. 6112.17 SURVEY OF Benlomond S.D.
DATE _____ SURVEY BY L.L. Brown
NOTES CHK'D M. ASHLEY NOTES BY W.A. Moodyline DATE 11/66
DATE MAR 3 67 INDEXED C.I. CALL DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	634951					P.K.
+	5211		5360			
Π	640162	+0651	+0652			
−	4560		4708			
TP	635602					P.K
+	5913		6019			
Π	641515	+0413	+0414			
set −	5500		5605			
BM 2819	636015				636.026	B.M. S.D 2819, Elev F.B. 3335-9
+	5463		5376			Ben Lomond Ave & Base Line Rd., N.W. cor.
Π	641478	+0664	+0665			5' W. of W. cb. return bt. spk in lead
−	4799		4711			
T.P.	636679					P.K
+	5765		5829			
Π	642444	+1637	+1639			
−	4128		4190			
T.P.	638316					P.K
+	6789		6685			
Π	645105	+1466	+1465			
−	5323		5220			
TP	639782					
+	5753		5737			
Π	645535	+0024	+0027			
set −	5729		5710			
BM 2820	639806				639.807	B.M. S.D. 2820, Elev F.B. 3335-9
+	7050		6982			Ben Lomond Ave & Petunia St. S.W. Cor.
Π	646856	+2590	+2590			5' W. of W. cb. return bt. spk in lead
−	4460		4392			
TP	642396					

F.B. 3335 PG. 9

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	642 396					P.K.
+	6 730		6 531			
⊼	649 126	+2 635	+2 632	2.633		
−	4 095		3 899			
T.P.	645 031					P.K.
+	6 282		6 093			
⊼	651 313	+2 173	+2 171	2.172		
−	4 109		3 922			
T.P.	647 204					P.K.
+	6 040		6 073			
⊼	653 244	+1 961	+1 961			
set −	4 079		4 112			
BM 2821	649 165				649.163	B.M. S.D. 2821, Elev F.B. 3335-10
+	5 621		5 532			Ben Lomond Ave & Mauna Loa Ave. (E. side
⊼	654 786	+2 278	+2 275	2.276		island) 5' N of E. cb. return bt. spk. in
−	3 343		3 257			lead
TP	651 443					
+	6 959		6 890			
⊼	658 402	+3 057	+3 059			
−	3 902		3 831			
TP	654 500					P.K
+	5 794		5 831			
⊼	660 294	+0 954	+0 952	+0.953		
set −	4 840		4 879			
B.M. 2822	655 454				655.409	B.M. S.D. 2822, Elev F.B. 3335-10
+	7 428		7 320			Mauna Loa Ave & La Serena Dr. S.E. Cor.
⊼	662 882	+3 509	+3 512			2'± S. of S. cb. return nail in lead (Shaped
−	3 919		3 808			to look like a bt. spk)
T.P.	658 963					

JOB NO. 61/2.17 SURVEY OF Ben Lomond S.D. NOTES RED.
SURVEY BY L.L. Brown DATE
NOTES BY W.A. Meadyman DATE 11/66 NOTES CHKD. M. Ashley
INDEXED C. J. Galli DATE DATE

F.B. 3335 PG. 10

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	658963					
+	6878		6937			
⊼	665841	+3013	+3014			
−	3865		3923			
T.P.	661976					P.K
+	6630		6510			
⊼	668606	+3358	+3356	3.357		
Set −	3272		3154			
BM2823	665334				665.328	B.M.S.D 2823, Elev F.B.3335-11
+	6154		6062			Mauna Loa Ave & Vecino Dr. N.W. cor.
⊼	671488	+1620	+1619			5' W. of W. Cb. return, bt. spk. in lead
−	4534		4443			
T.P.	666954					PK
+	6639		6568			
⊼	673593	+2261	+2261			
−	4378		4307			
TP	669215					PK
+	6148		6240			
⊼	675363	+2457	+2457			
Set −	3691.		3783			
BM2824	671672				671.686	B.M.S.D 2824, Elev F.B.3335-11
+	6156		6221			Vecino DR. 632'± N of Mauna Loa Ave.
⊼	677828	+2398	+2398			E. side of St. 7'± N of S. P/L of House no.
−	3758		3823			6260. Also on Prod of N. P/L (chain link fence)
TP	674070					of School Property, bt. spk in lead.
+	6134		6038			
⊼	680204	+[illegible]045	+2043	2.044		
−	4089		3995			
TP	676115					Sq hd

NOTES RED ____ JOB NO. 6112.17 SURVEY OF Ben Lomond S.D.
DATE ____ SURVEY BY L.L. Brown
NOTES CHKD. M. ASHLEY NOTES BY W.A. Moodyman DATE 11/66
DATE ____ INDEXED C. J. GAULL DATE ____

F.B. 3335 Pg. 11

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	676 115					
+	5 932		5 830			
⊼	682 047	+1 650	+1 649			
set −	4 282		4 181			
BM2825	677 765				677.758	B.M.S.D 2825, Elev F.B3335-12
+	5 817		5 879			Vecino DR & Alosta Ave. S.W. Cor.
⊼	683 582	+3 140	+3 141			5' S. of S. cb. return. bt. spk in lead
−	2 677		2 738			
TP	680 905					
+	6 411		6 350			
⊼	687 316	+2 031	2 030			
set −	4 380		4 320			
BM2826	682 936				682.929	B.M.S.D. 2826, Elev F.B3335-12
+	4 795		4 730			Alosta Ave. & Forestdale Ave. N.E. cor.
⊼	687 731	+1 308	+1 308			39' N. of N. cb. return. bt. spk in lead.
−	3 487		3 422			
TP	684 244					
+	5 498		5 402			
⊼	689 742	+1 119	+1 119			
set −	4 379		4 283			
BM2827	685 363				685.356	B.M.S.D. 2827, Elev F.B3335-12
+	1 994		1 894			Forestdale Ave & Orangepath St.
⊼	687 357	-5 448	-5 448			N.W. cor. 5' W. of W. cb. return
−	7 442		7 342			bt. spk in lead
T.P.	679 915					
+	2 562		2 416			
⊼	682 477	-4 806	-4 806			
−	7 368		7 222			
TP	675 109					on Orangepath

JOB NO. 6112.17 SURVEY OF Ben Lomond S.D. NOTES RED.
SURVEY BY L.L. Brown DATE
NOTES BY W.A. Moodyman DATE 11/66 NOTES CHKD. M. ASHLEY
INDEXED C. J. GALLI DATE MAR 3 67

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	675.109					sq hd on orange path
+	2.395		2.336			
π	677.504	-5.032	-5.032			
−	7.427		7.368			
TP	670.077					" " "
+	2.597		2.538			
π	672.674	-3.664	-3.665			
−	6.261		6.203			
TP	666.413					sq hd
+	2.958		3.011			
π	669.371	-3.850	-3.851			
−	6.808		6.862			
TP	662.563					sq hd " "
+	3.485		3.541			
π	666.048	-2.529	-2.529			
−	6.014		6.070			
TP	660.034					31 spk in cb on Ben Lomond
+	4.212		4.259			
π	664.246	-1.306	-1.305			
−	5.518		5.564			
TP	658.728					sq hd " " "
+	3.678		3.573			
π	662.406	-2.816	-2.816			
−	6.494		6.389			
TP	655.912					sq.hd. " " "
+	4.192		4.232			
π	660.104	-1.684	-1.682			
−	5.876		5.914			
TP	654.228					sq.hd. " " "

NOTES RED _____ JOB NO. Ghirelli SURVEY OF Ben Lomond S.D.
DATE _____ SURVEY BY L.L. Brawit
NOTES CHK'D M. ASHLEY NOTES BY W.A. Moodyman DATE 11/66
DATE MAR 3 '67 INDEXED G.J. GALL DATE _____

F.B. 3335 PG. 13

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	654228					Sq.hd. on Ben Lomond
+	4873		4913			
⊼	659101	-0786	-0787			
−	5659		5700			
TP	653442					Sq.hd. " " "
+	4189		4231			
⊼	657631	-1974	-1973			
−	6163		6204			
TP	651468					sq hd " " "
+	4917		4834			
⊼	656385	-0637	-0638			
−	5554		5472			
TP	650831					spk in. cb. " " (BM HW 6)
+	4558		4624			
⊼	655389	-0669	-0669			
set −	5227		5293			
B.M2828	650162				650.155	B.M. S.D 2828, Elev FB3335-14
+	5221		5168			Ben Lomond Ave. & Haltern St. S.E. cor.
⊼	655383	+0260	+0260			5' S. of S. cb. return, spk. in lead
−	4961		4908			
T.P.	650422					Sq hd on Ben Lomond Ave
+	5889		5957			
⊼	656311	+1045	+1043	+1.044		
−	4844		4914			
TP	651467					sq hd " " " "
+	6109		6191			
⊼	657576	+2099	+2102			
−	4010		4089			
TP	653566					sq hd " " " "

JOB NO. 6112.17 SURVEY OF Ben Lomond S.D NOTES RED.
SURVEY BY L.L. Brown DATE
NOTES BY W.A. Moodyman DATE 11/66 NOTES CHKD. M. ASHLEY
INDEXED G. J. Gruff DATE DATE 3/67

F.B. 3335 PG. 14

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	653 566					sq hd on Ben Lomond Ave
+	5 461		5 555			
π	659 027	+ 0 639	+ 0 639			
set −	4 822		4 916		654.197	
BM2829	654 205				~~654.216~~	B.M.S.D.2829, Elev F.B. 3335-15
+	5 143		5 218			Ben Lomond Ave & Bagnall St. S.E. Cor
π	659 348	+ 0 882	+ 0 884			5' S. of S. cb return. spk. in lead
−	4 261		4 334			
TP	655 087					sq hd on Ben Lomond Ave
+	5 476		5 548			
π	660 563	+ 1 026	+ 1 028			
set −	4 450		4 520			
B.M2830	656 113				656.105	B.M.S.D 2830, Elev F.B. 3335-15
+	5 867		5 752			Ben Lomond Ave & Alosta Ave. S.W. Cor.
π	661 980	+ 2 601	+ 2 600			1' N of S. cb. return. 1½" Brass disk
−	3 266		3 152			Set in concrete. Used center of disk
TP	658 714					
+	5 644		5 589			
π	664 358	+ 1 323	+ 1 321	1.322		
set −	4 321		4 268			
B.M2831	660 037				660.028	B.M.S.D. 2831, Elev F.B. 3335-15
+	5 767		5 849			Ben Lomond Ave & Orangepath St.
π	665 804	+ 2 665	+ 2 666			S.E. cor. 5' S. of S. cb. return. spk in lead
−	3 102		3 183			
TP	662 702					
+	5 692		5 802			
π	668 394	+ 2 656	+ 2 654	2.655		
−	3 036		3 148			
TP	665 358					sq hd on Ben Lomond Ave

NOTES RED _____ JOB NO. 6/12/17 SURVEY OF Ben Lomond S.D.
DATE _____ SURVEY BY L.L. Brown
NOTES CHKD. M. ASHLEY NOTES BY W.A. Moodyman DATE 11/66
DATE _____ INDEXED _____ DATE _____

F.B. 3335 PG. 15

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	665358					Sq hd on Ben Lomond Ave
+	6126		6053			
π	671484	+2526	+2525			
−	3600		3528			
TP	667884					Sq hd " " " "
+	4280		4349			
π	672164	+0019	+0019			
set −	4261		4330			
B.M.1	667903				667.893	BM1, Elev FB3335-16
+	5772		5839			Ben Lomond Ave & Heber St
π	673675	+1906	+1907			S.W. Cor (N. end of island) center
−	3866		3932			of curve. Brass cap Marked
TP	669809					Corps of Engineers - U.S. Army
+	5496		5577			L.D 15, year 1957, station
π	675305	+1331	+1332			designation Survey Mark
set −	4165		4245		671.130	
B.M.2	671140				~~671.130~~	B.M.2, Elev F.B3335-16
+	4231		4155			Ben Lomond Ave & Bridge @ little
π	675371	−0019	−0020			Dalton Wash. S.E. Cor. Brass
−	4250		4175			Cap Marked: Los Angeles County
TP	671121					Flood Control District, 1964
+	5556		5603			B.M.084-03110
π	676677	+2529	−2530			
−	3027		3073			
T.P.	673650					Sq hd on Ben Lomond Ave
+	5274		5325			
π	678924	+0321	+0322			
−	4953		5003			
TP	673971					Sq hd " " " "

JOB NO. 6112.17 SURVEY OF Ben Lomond S.D. NOTES RED.
SURVEY BY L.L. Brown DATE
NOTES BY W.A. Moodyman DATE 11/66 NOTES CHKD. ASH/EV
INDEXED C. J. GALLI DATE

F.B. 3335 PG. 16

76S420 S & E-353 9-55

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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	673 971					sq hd on Ben Lomond Ave
+	5 378		5 309			
⊼	679 349	+1 255	+1 256			
−	4 123		4 053			
TP	675 226					sq hd " " " "
+	4 977		5 013			
⊼	680 203	+0 256	+0 255	+.255		
−	4 721		4 758			
TP	675 482					sq hd " " " "
+	5 602		5 522			
⊼	681 084	+1 014	1 014			
fd −	4 588		4 508			
BM 40-10	676 496				676.485	B.M. 40-10, 1964 adj Elev 676.485, F.B. 1361-17 (L.A. Co. Rd. Dept. S.G 1162) Foothill Blvd. & Ben Lomond Ave., @ the ℄ intersection, in a well & protected by a cast iron cover marked "County Surveyor Monument." A County Surveyor precast Monument, marked: "T1N, R10W, 1/4 cor sec 25, sec 36, RE 2177," set about 18" below the surface.

NOTES RED _____ JOB NO. 6112.17 SURVEY OF Ben Lomond S.D.
DATE _____ SURVEY BY L.L. Brown
NOTES CHKD M. ASHLEY NOTES BY W.A. Moodyman DATE 11/66
DATE _____ INDEXED C. J. GALLI DATE _____

F.B. 3335 PG. 17

F. B. 3335 Pg. 18

JOB NO. 6112.17 SURVEY OF Ben Lomond SD NOTES RED.
SURVEY BY L.L. Brown DATE
NOTES BY W.A. Moodyman DATE 11/66 NOTES CHKD.
INDEXED DATE DATE

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

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769420 S & E-353 9-55

Notes Ck'd by	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 0303.00 Tape 0.41 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-23-66
Date	Indexed C. J. GALLI

F. B. 3335 PG. 19

BEN LOMOND AVE.
STORM DRAIN
LINE A AND B

JN 6112.17

CENTERLINE SURVEY

FOR DESIGN PURPOSES ONLY

PARTY
BROWN, L.L.
MOODYMAN, W.
SANDOVAL, M.
FALSEY, J.
MERINO, G.

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493 Los Angeles County Engineering Bldg.

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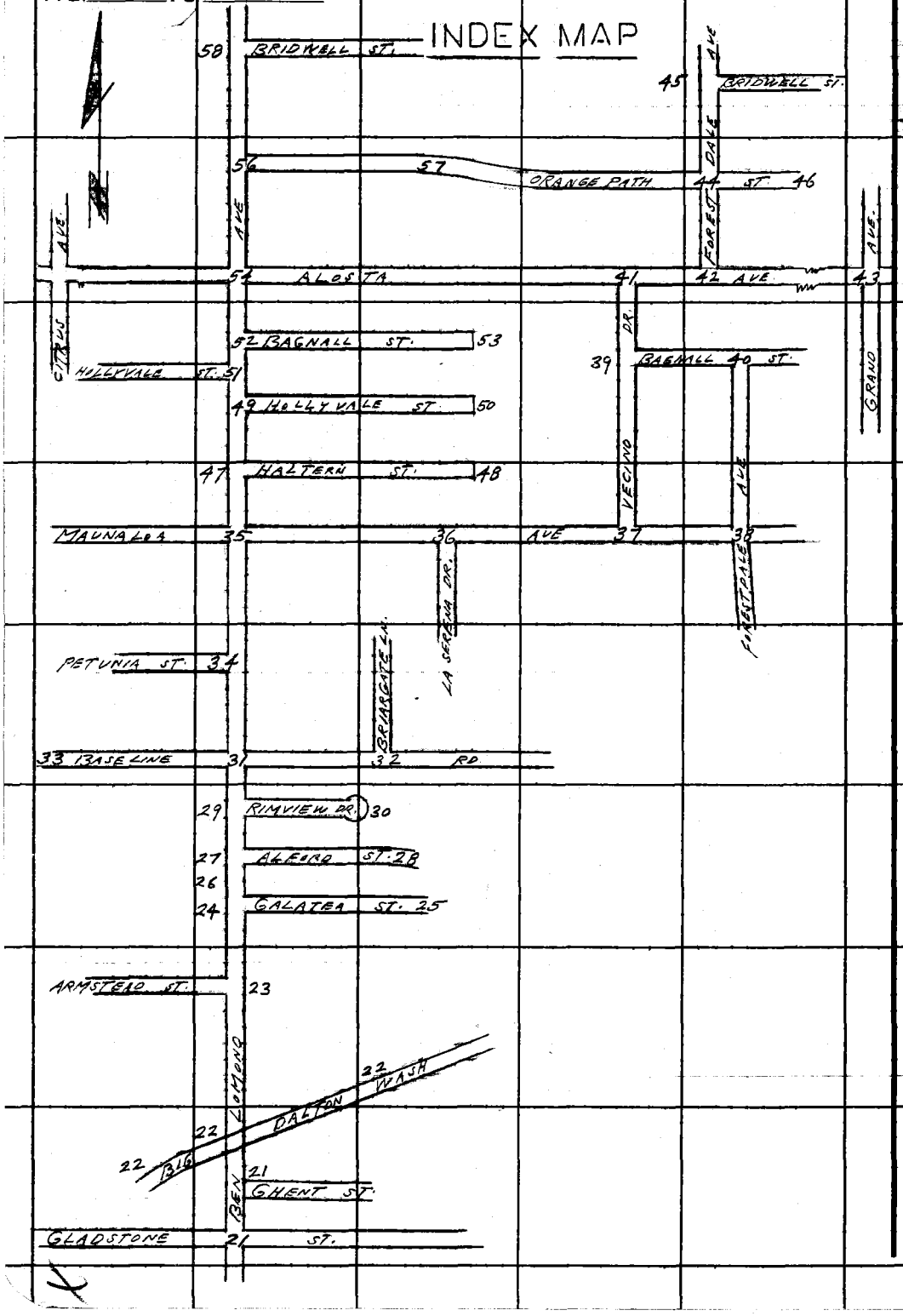
76F309S CE #310 6-63

F. B. 3335 PG 20

INDEX MAP



PLEASE RETURN TO
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403 Los Angeles County Engineering Bldg.

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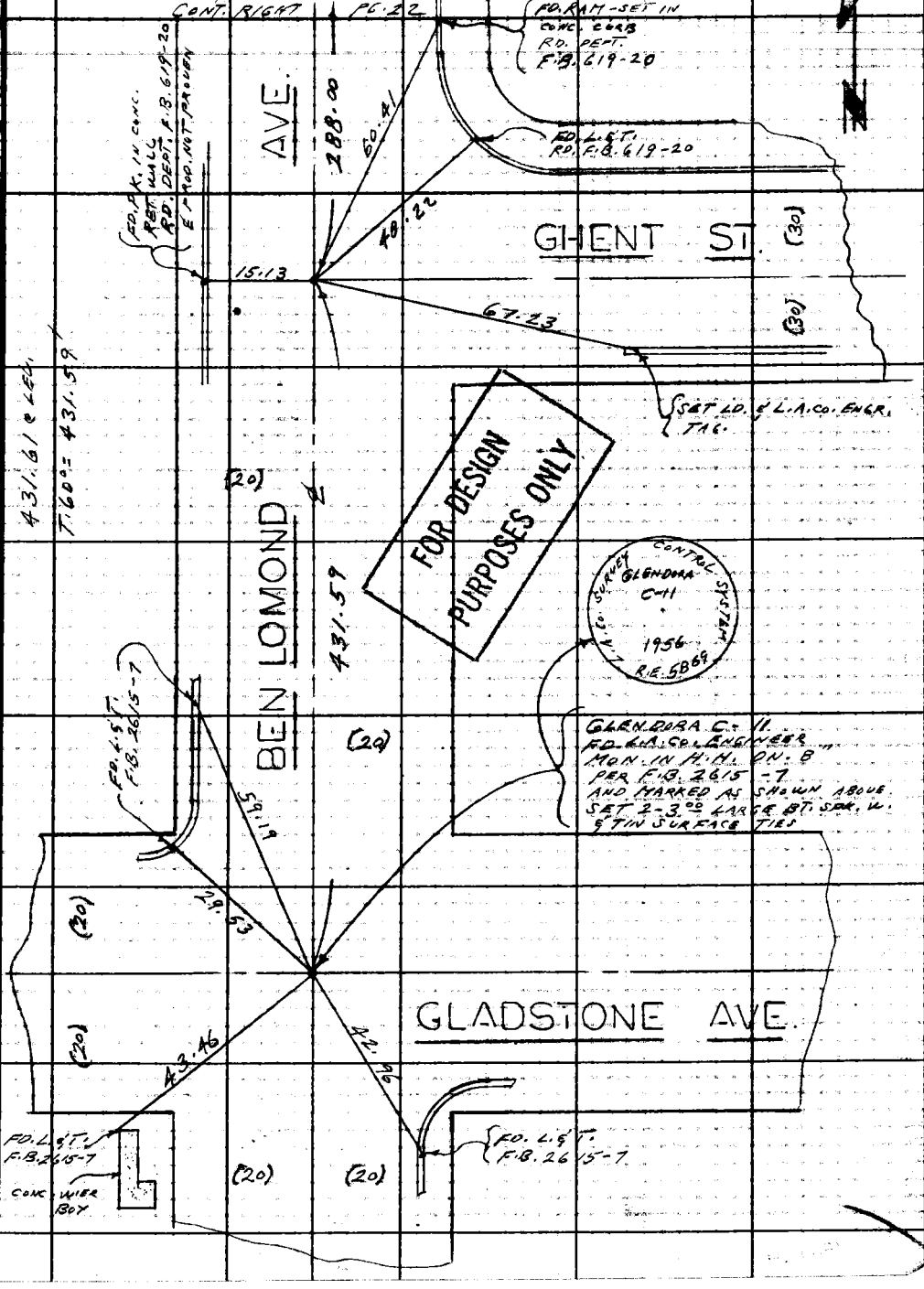
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 0303.00 Tape 0141 Std 68 °F
Office Work M. ASHLEY	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-23-66
Date	Indexed C. J. CALLI

F. B. 3335 PG. 21

W547 P-3



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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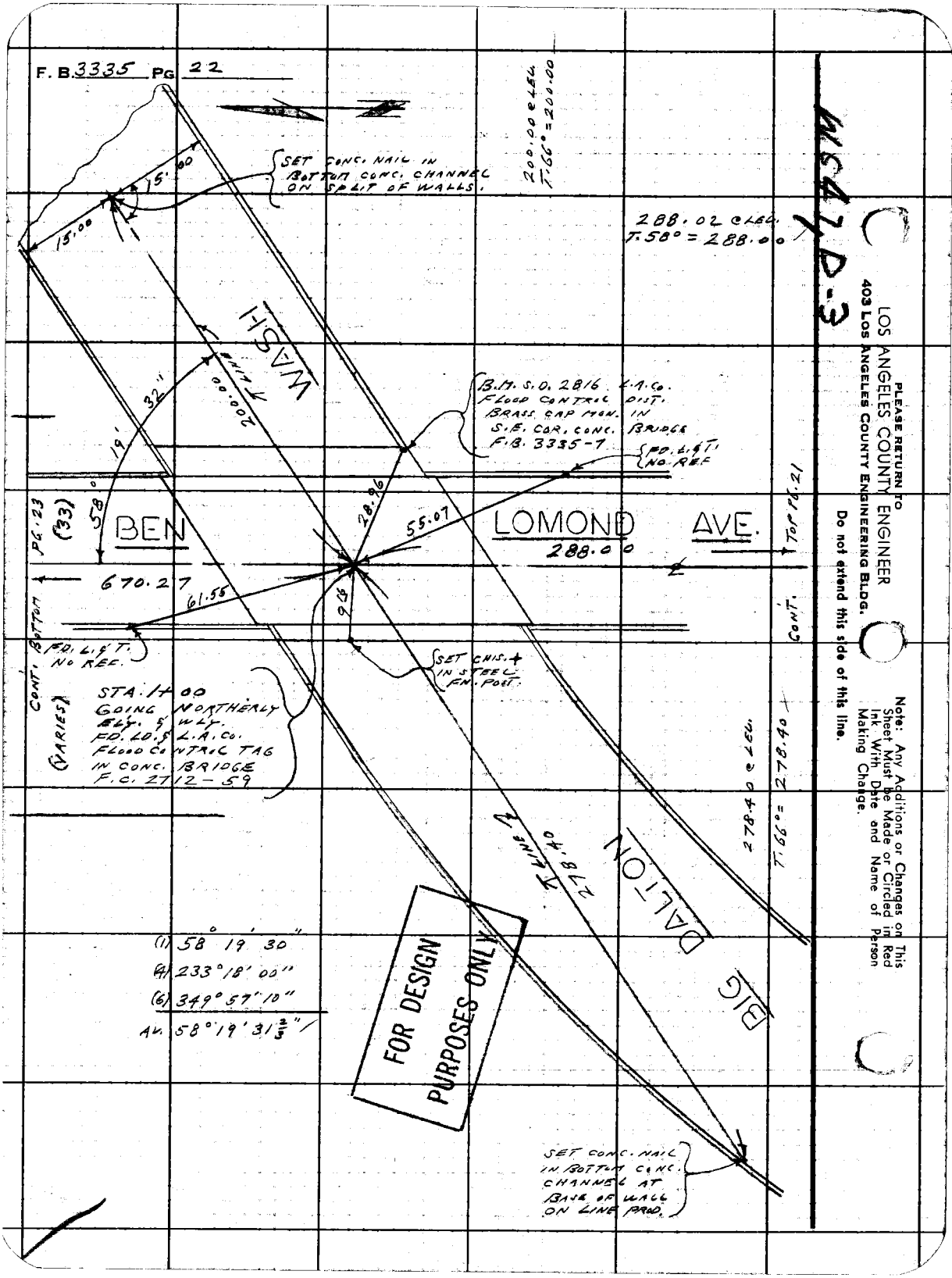
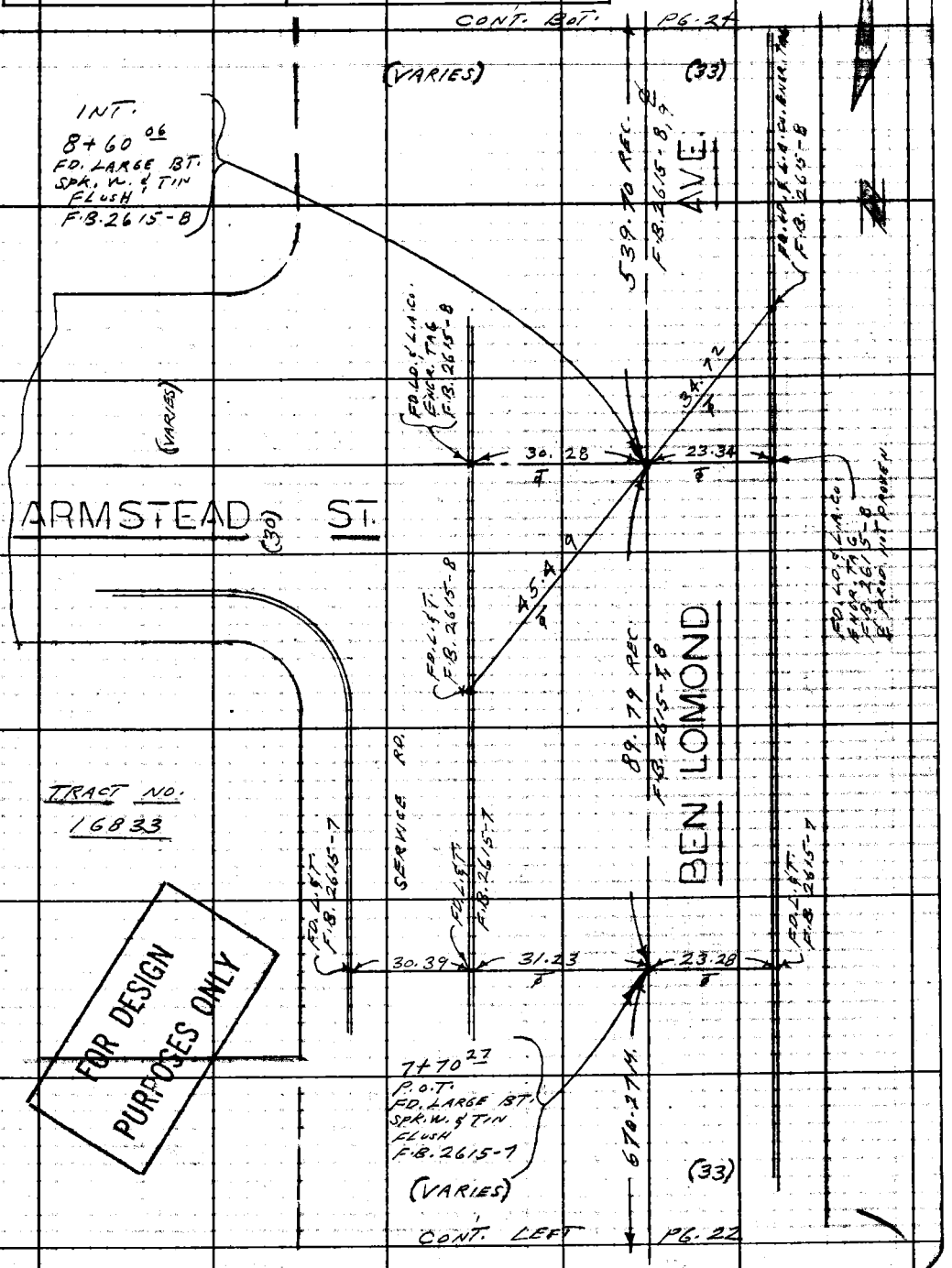
78F309S CE#310 1-65


F. B. 3335 PG 22
SET CONC. NAIL IN BOTTOM CONC. CHANNEL ON SPLIT OF WALLS.
15.00
15.00
200.00 @ LEV.
T. 66° = 200.00
288.02 @ LEV.
T. 58° = 288.00
WASH
T. LINE
200.00
32"
19'
58°
B.M. S.O. 2816 L.A. Co. FLOOD CONTROL DIST. BRASS CAP MON. IN S.E. COR. CONC. BRIDGE F.B. 3335-7
FD. L. & T. NO REF
BEN
LOMOND
AVE.
288.00
TOP PG. 21
PG. 23
(33)
670.27
61.55
28.96
55.07
9.15
CONT. BOTTOM
(VARIES)
FD. L. & T. NO REF.
SET CHIS. + IN STEEL FN. POST.
STA. 1+00 GOING NORTHERLY ELY. & WLY. FD. LD. & L.A. Co. FLOOD CONTROL TAG IN CONC. BRIDGE F.C. 2712-59
CONT.
278.40 @ LEV.
T. 66° = 278.40
T. LINE
278.40
BIG DALTON
(1) 58° 19' 30"
(4) 233° 18' 00"
(6) 349° 57' 10"
AV. 58° 19' 31 2/3"
FOR DESIGN PURPOSES ONLY
SET CONC. NAIL IN BOTTOM CONC. CHANNEL AT BASE OF WALL ON LINE PROD.
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 M. ASHLEY	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 0303.00 Tape 0141 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-23-66
Date	Indexed C. J. GALLI

F. B. 3335 PG. 23

WS47 D-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.

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3335 PG 24

CONT. BOTTOM PG. 26

CONT. TOP PG. 23

LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PLEASE RETURN TO

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Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.	F. B. 3335	PG. 25
Map No.	JN 0303.00 Tape 0141 Std 68 °F		
Office Work	Surveyed by L.L. BROWN		
Checked	Notes L.L. BROWN Date 11-28-66		
Date	Indexed E. J. GALLI		

W.S. #7 D-3

TRACT NO. 20928

FD. LARGE BT. SPK. & TIN F.B. 2615-10

FD. CHIS. + F.B. 2615-10

32.10

(30)

641.82 REC.

℄ F.B. 2615-9,10

GALATEA ST.

(30)

24.35

18.52

FD. CHIS. + F.B. 2615-10

CONT. RIGHT PG. 24

SCHOOL

FOR DESIGN PURPOSES ONLY

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76F309S CE#310 1-85

F. B. 3335 PG 26 CONT. BOTTOM PG. 27

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TRACT No. 20928

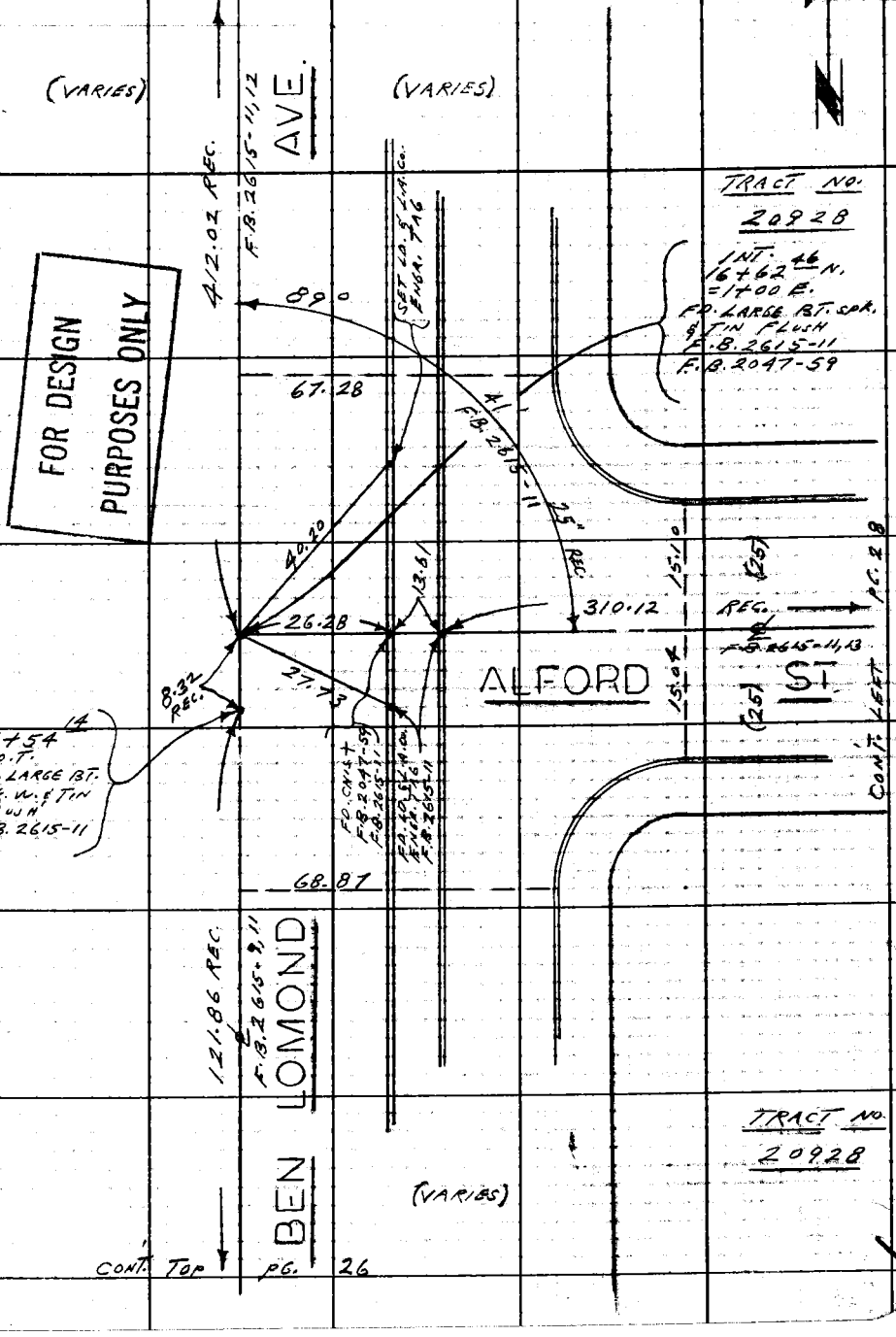
Notes Ck'd by M. ASHLEY
Map No.
Office Work
Checked
Date

Survey of BEN LOMOND AVE. S.D.
JN 0303-00 Tape 0141 Std 58 °F
Surveyed by L. L. BROWN
Notes L. L. BROWN Date 11-28-66
Indexed G. J. GALLI

F. B. 3335 PG. 27

W.S.47 D-3

CONT. BOTTOM PG. 29



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

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PLEASE RETURN TO
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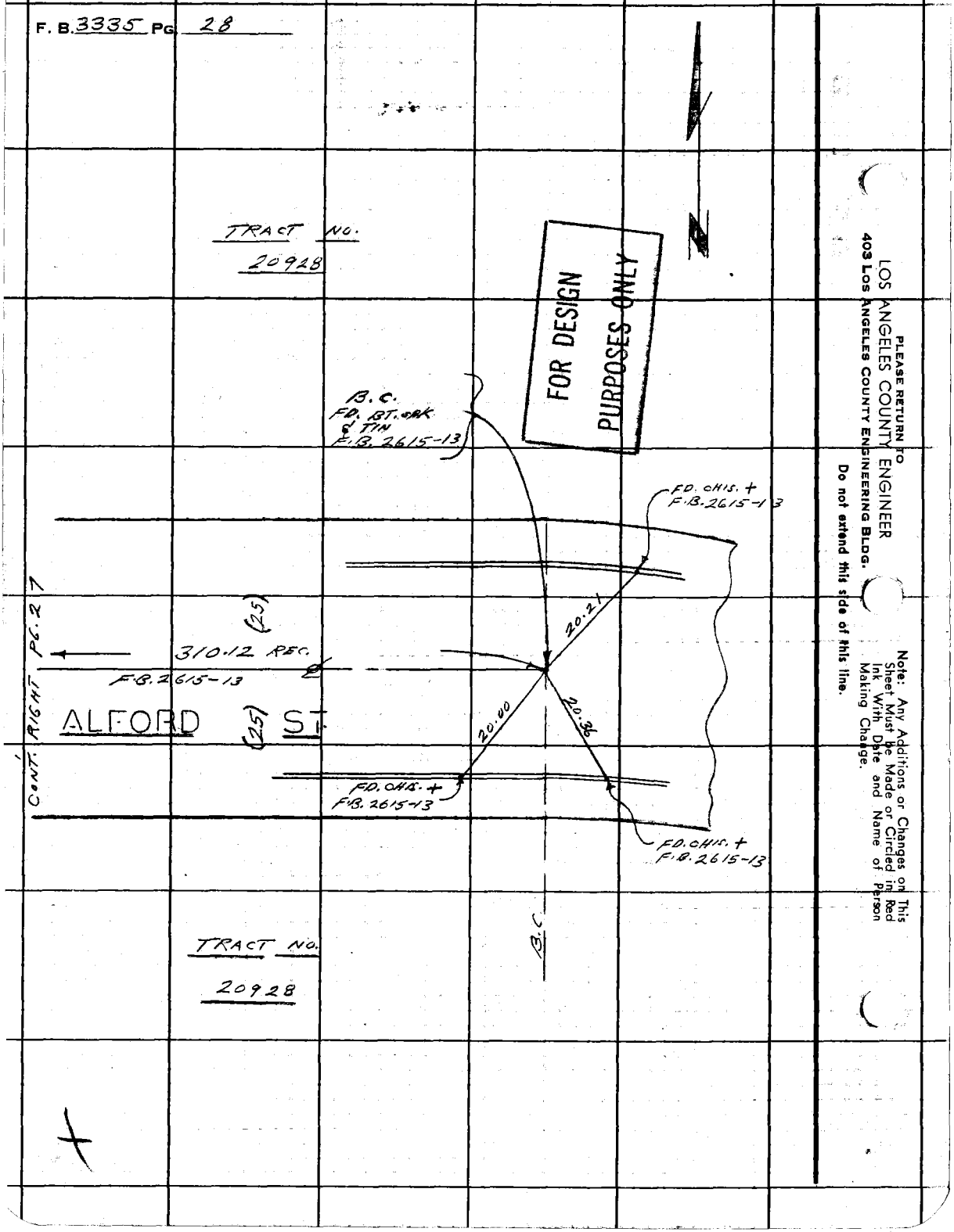
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3335 PG. 28



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76F309S CE#310 1-65

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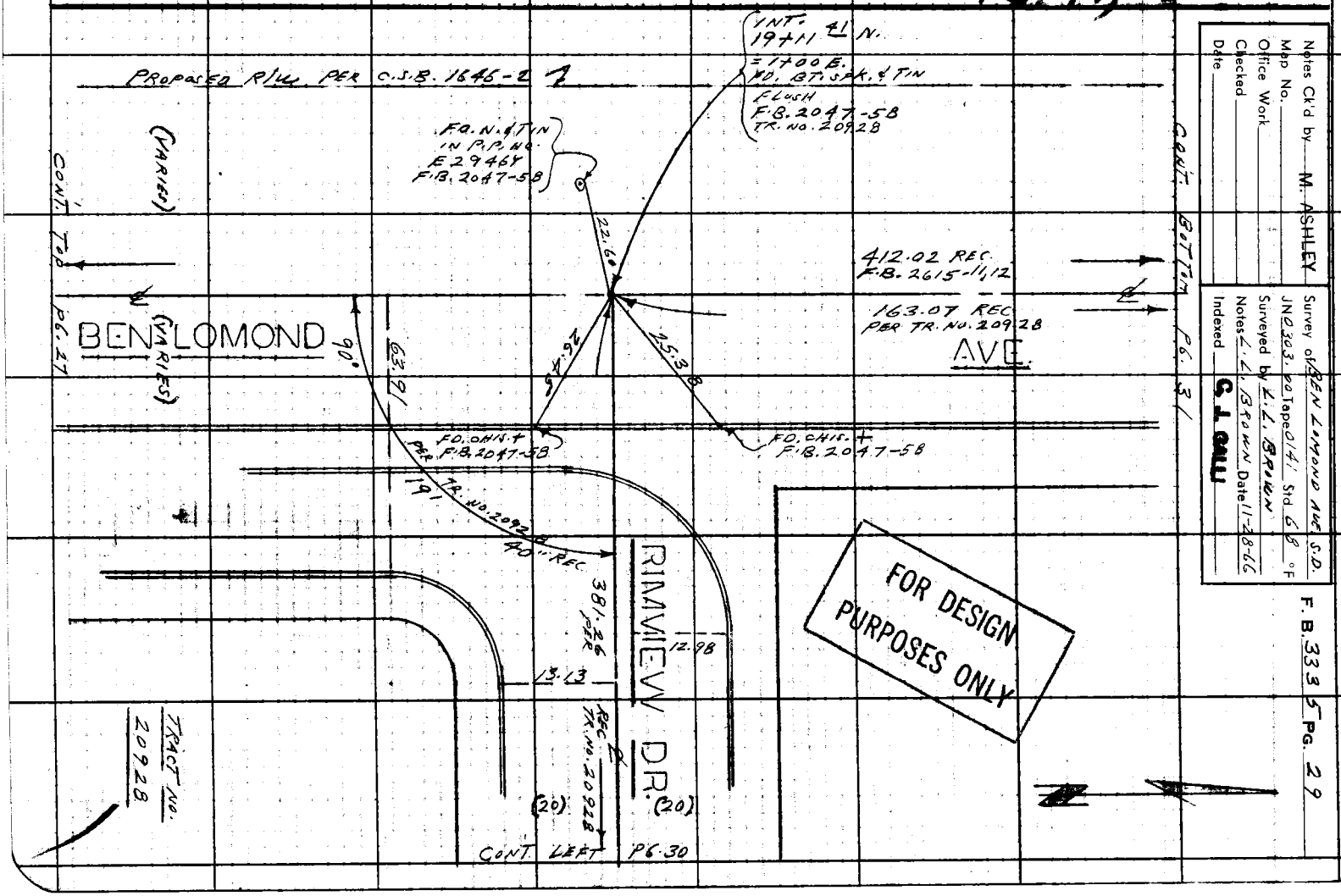
W.S.47, D-2



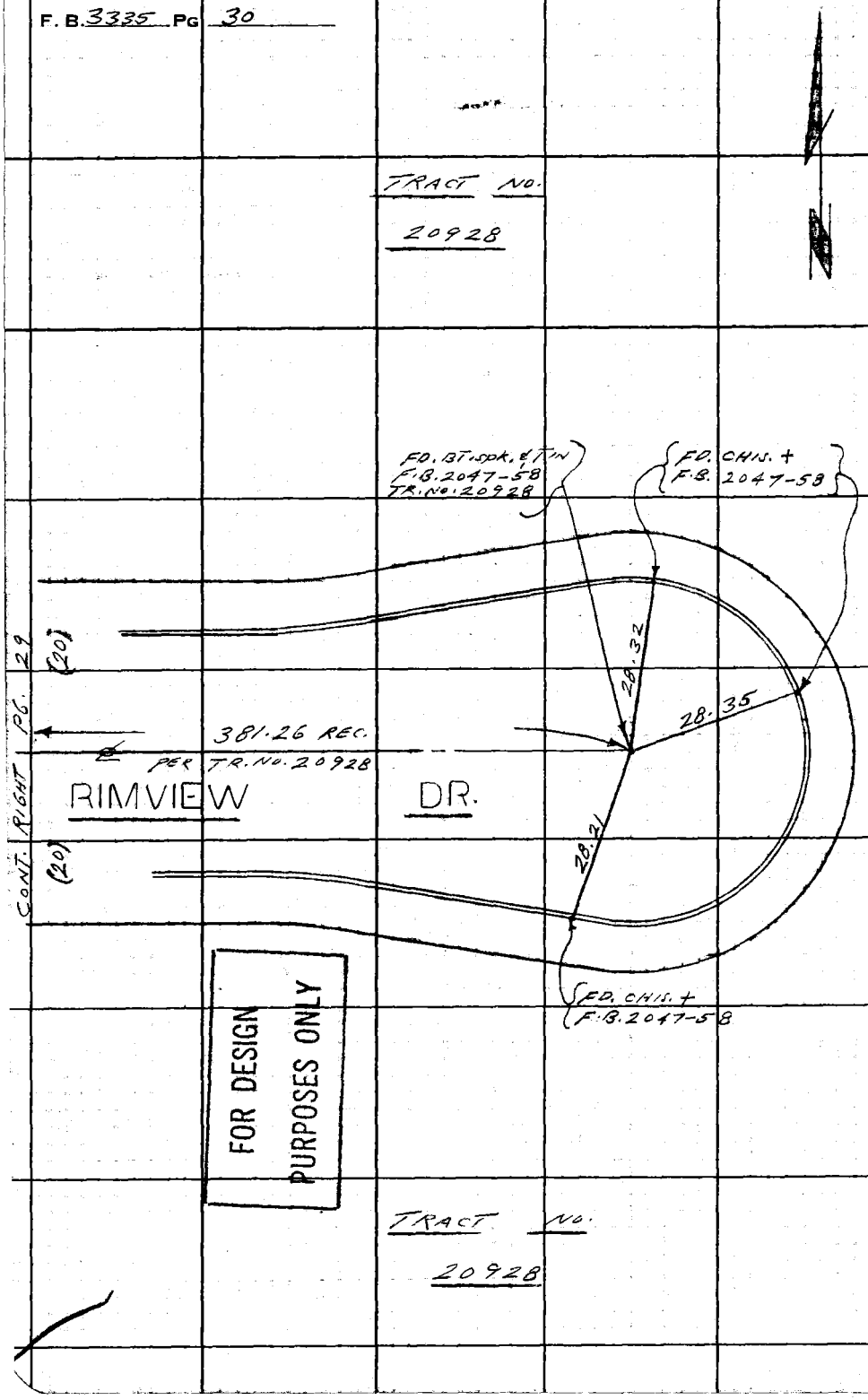
Notes Ck'd by M. ASHLEY
Map No.
Office Work
Checked
Date

Survey of BEN LIMOND AVE. S.D.
JN 0303. 20 Tape 0141 Std 68 °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 11-28-66
Indexed G. J. GALLI

F.B. 3335 PG. 29

F. B. 3335 PG 30

WS 47, D-2



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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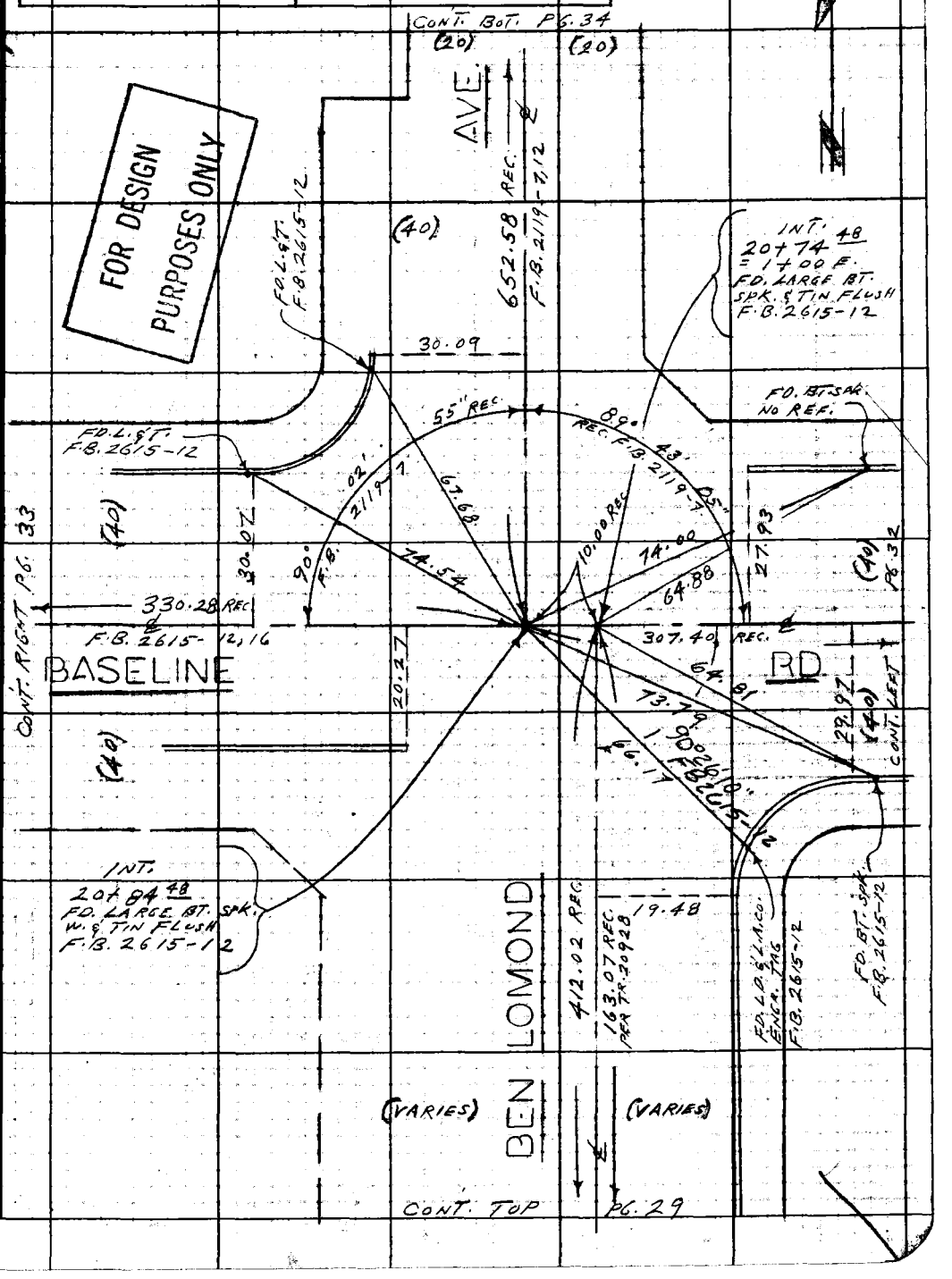
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.	F. B. 3335	PG. 31
Map No.	JN 0303.01 Tape 0141 Std 68 °F		
Office Work	Surveyed by L.L. BROWN		
Checked	Notes L.L. BROWN Date 11-28-66		
Date	Indexed C. J. GALLI		

W.S.47, D-2

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.

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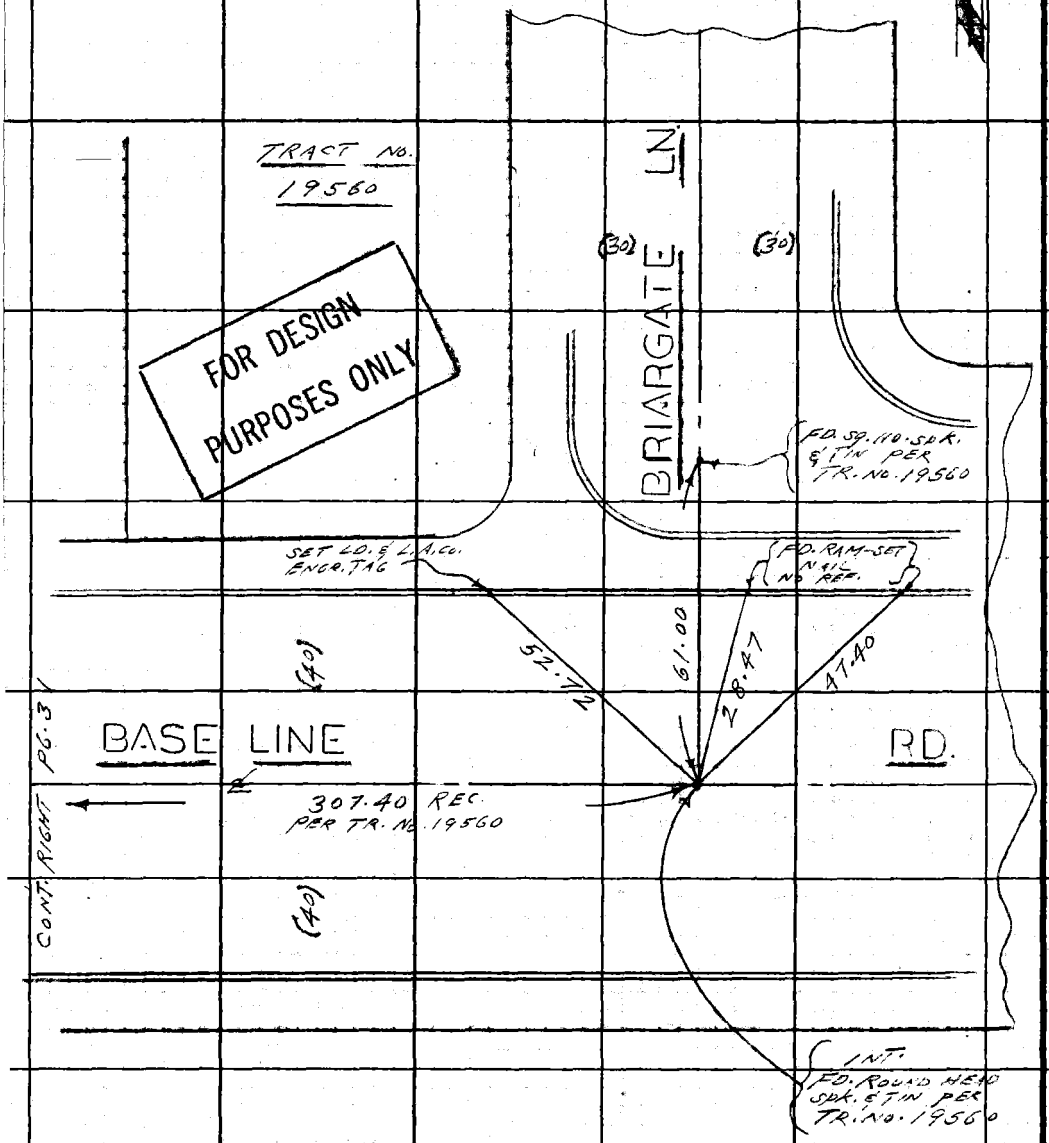
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3335 PG 32

WS 47, D-2



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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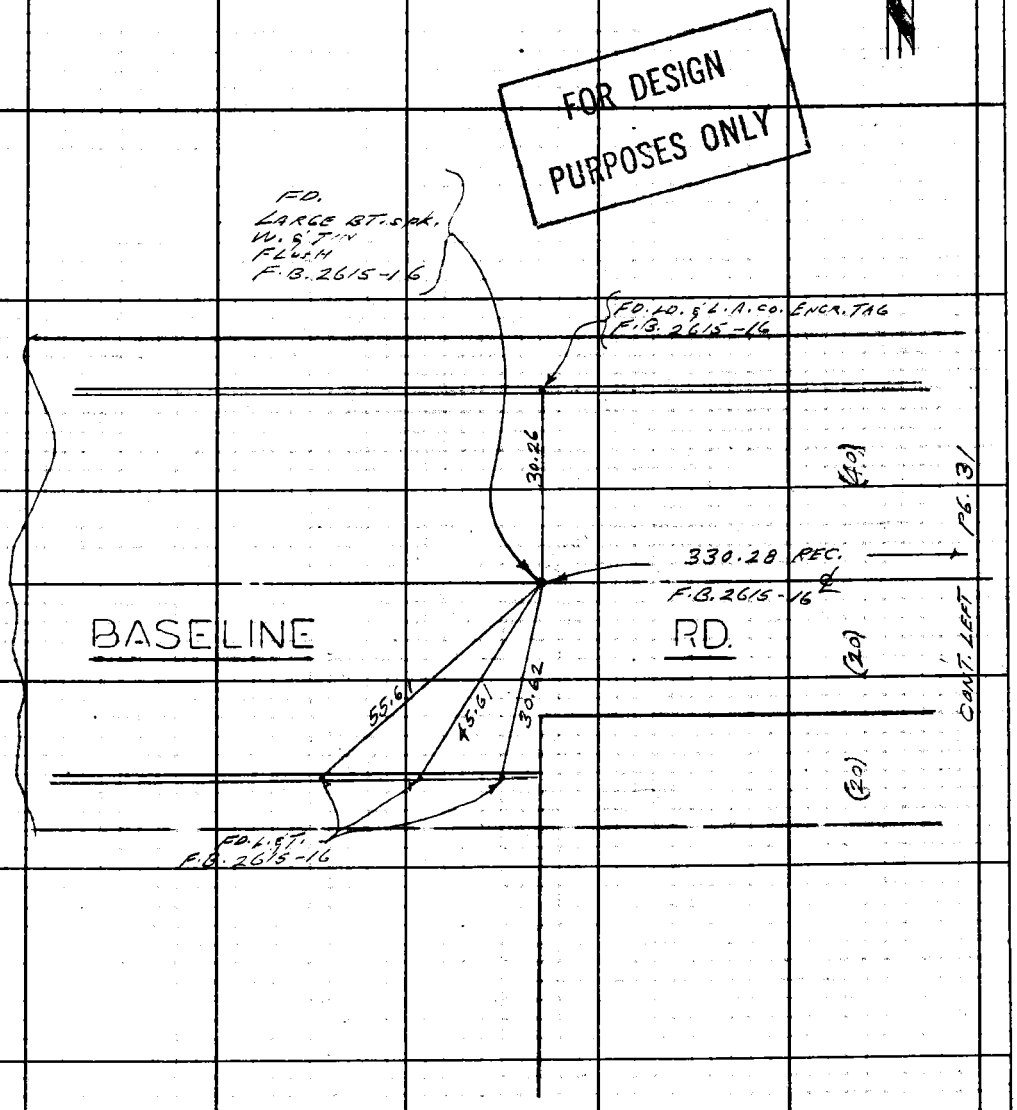
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 0308.00 Tape 0141 Std 68 °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 11-28-66
Date	Indexed G. L. GALM

F. B. 3335 PG. 33



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

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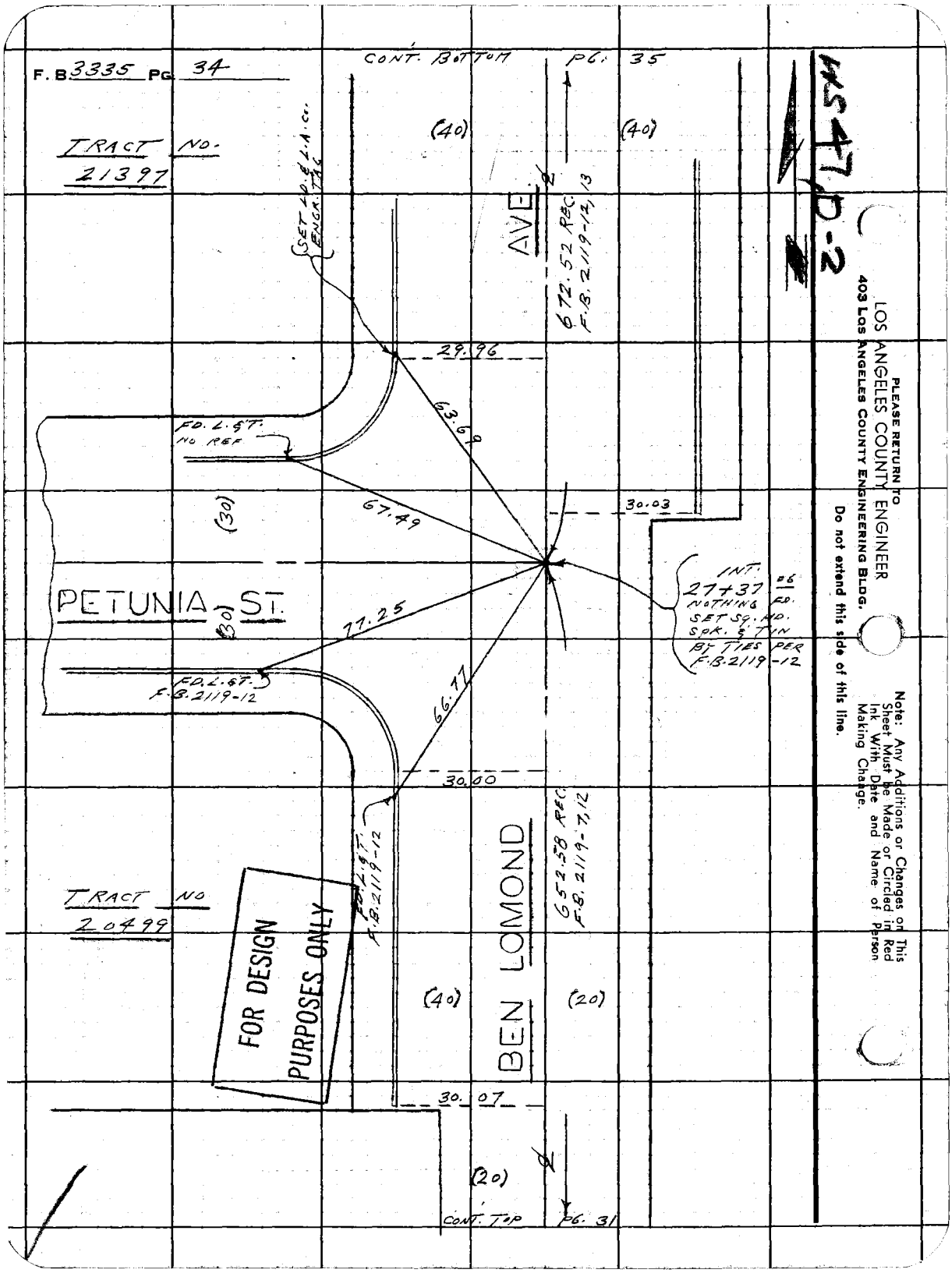
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-85


F.B. 3335 PG. 34
CONT. BOTTOM PG. 35
TRACT NO. 21397
(40)
(40)
SET LD. & L.A. CO. ENGR. TAG
AVE.
672.52 REC. F.B. 2119-12, 13
29.96
63.69
FD. L. & T. NO REF.
67.49
(30)
30.03
INT. 27+37 #6 NOTHING FD. SET SQ. HD. SPK. & TIN BY TIES PER F.B. 2119-12
PETUNIA ST.
(30)
77.25
FD. L. & T. F.B. 2119-12
66.77
30.00
FD. L. & T. F.B. 2119-12
TRACT NO 20499
FOR DESIGN PURPOSES ONLY
BEN LOMOND
652.58 REC. F.B. 2119-7, 12
(40)
(20)
30.07
(20)
CONT. TOP PG. 31
PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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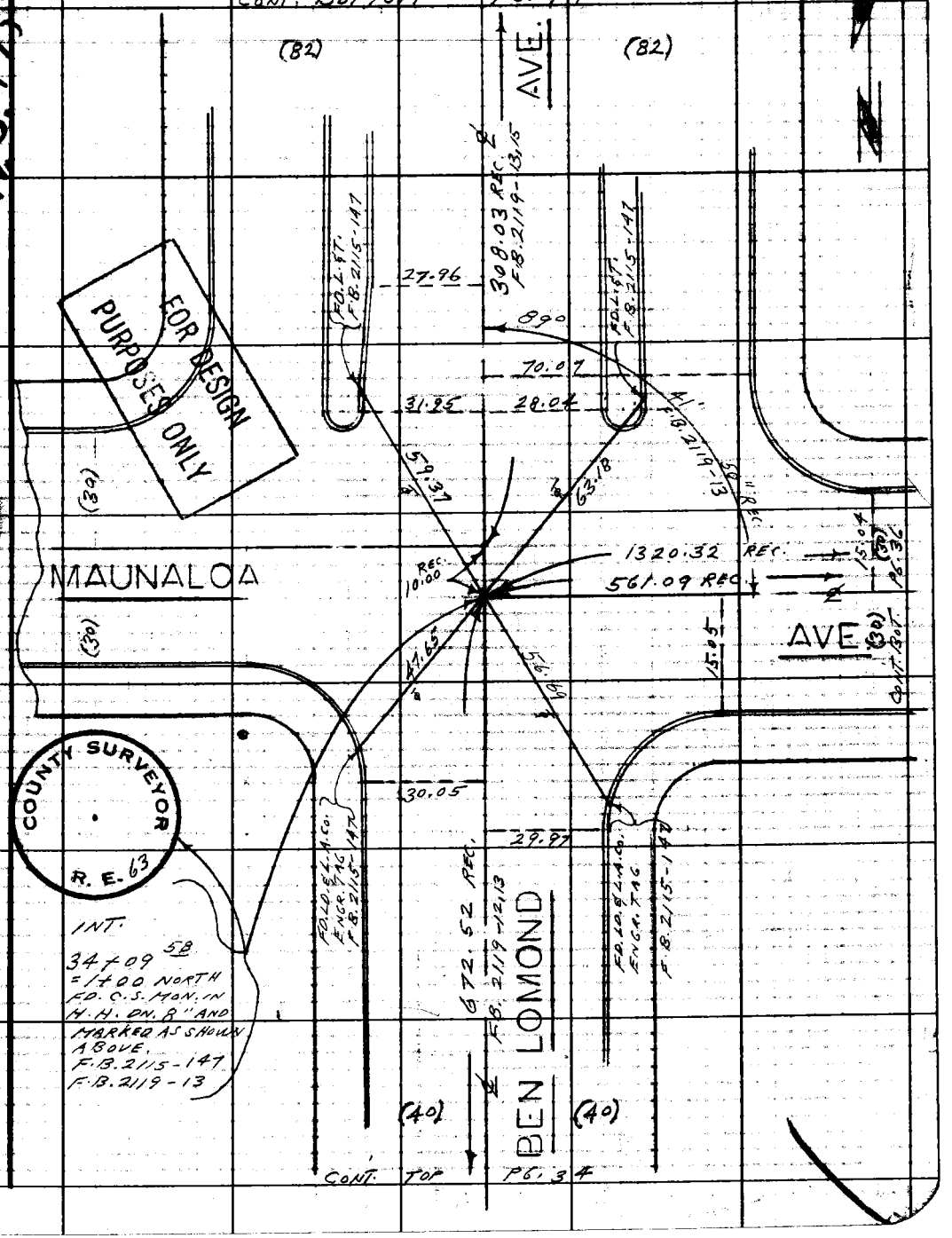
Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.	F. B. 3335	PG. 35
Map No.	JN 0303-00 Tape 0141 Std 68 °F		
Office Work	Surveyed by L. L. BROWN		
Checked	Notes L. L. BROWN Date 11-29-66		
Date	Indexed G. J. GALLI		

W547, D-2

CONT. BOTTOM PG. 47



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 [illegible] of this line.

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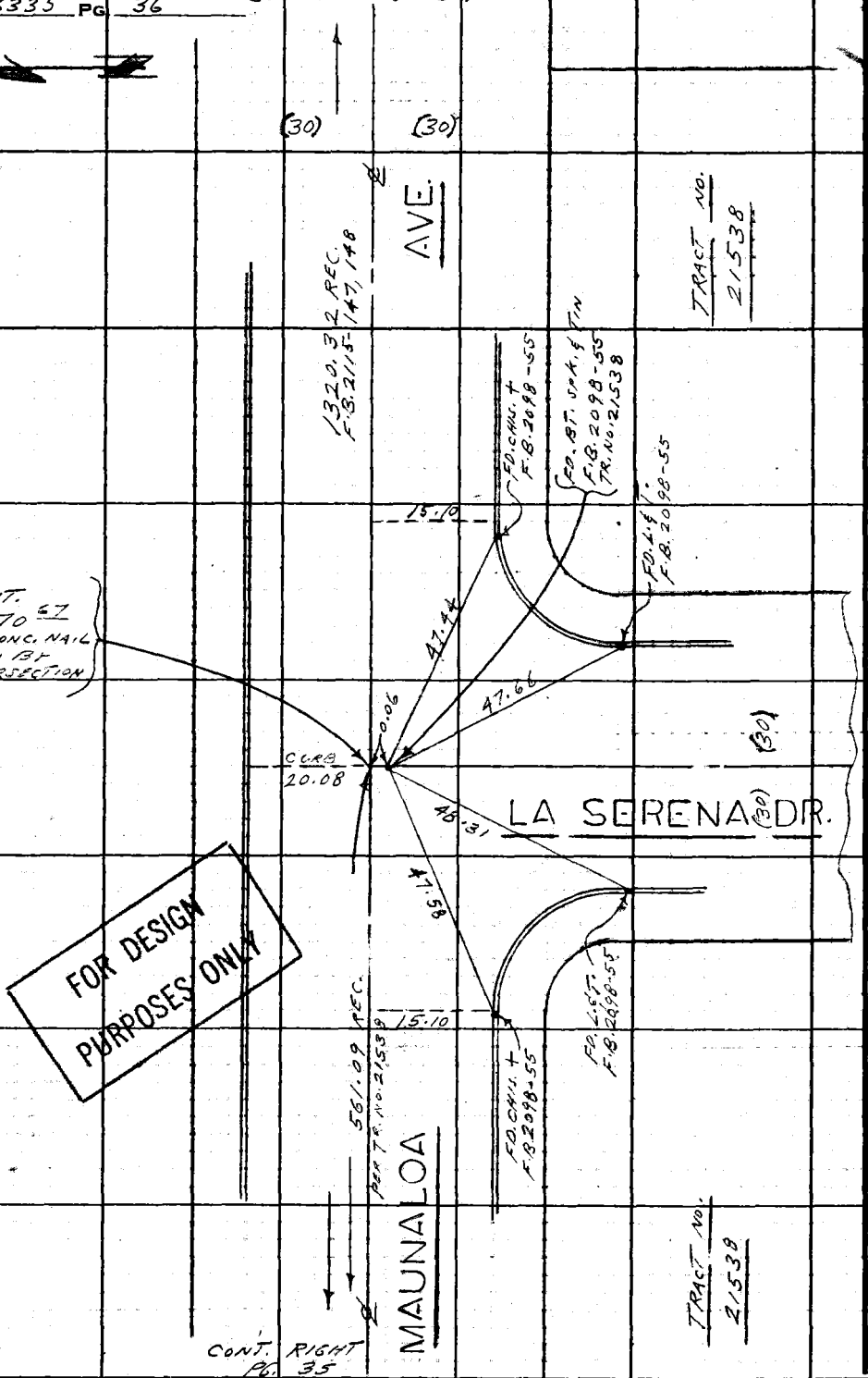
403 Los Angeles County Engineering Bldg.

76F309S CE#310 1-65

F. B. 3335 PG. 36

CONT. LEFT PG. 37



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403 Los Angeles County Engineering Bldg.

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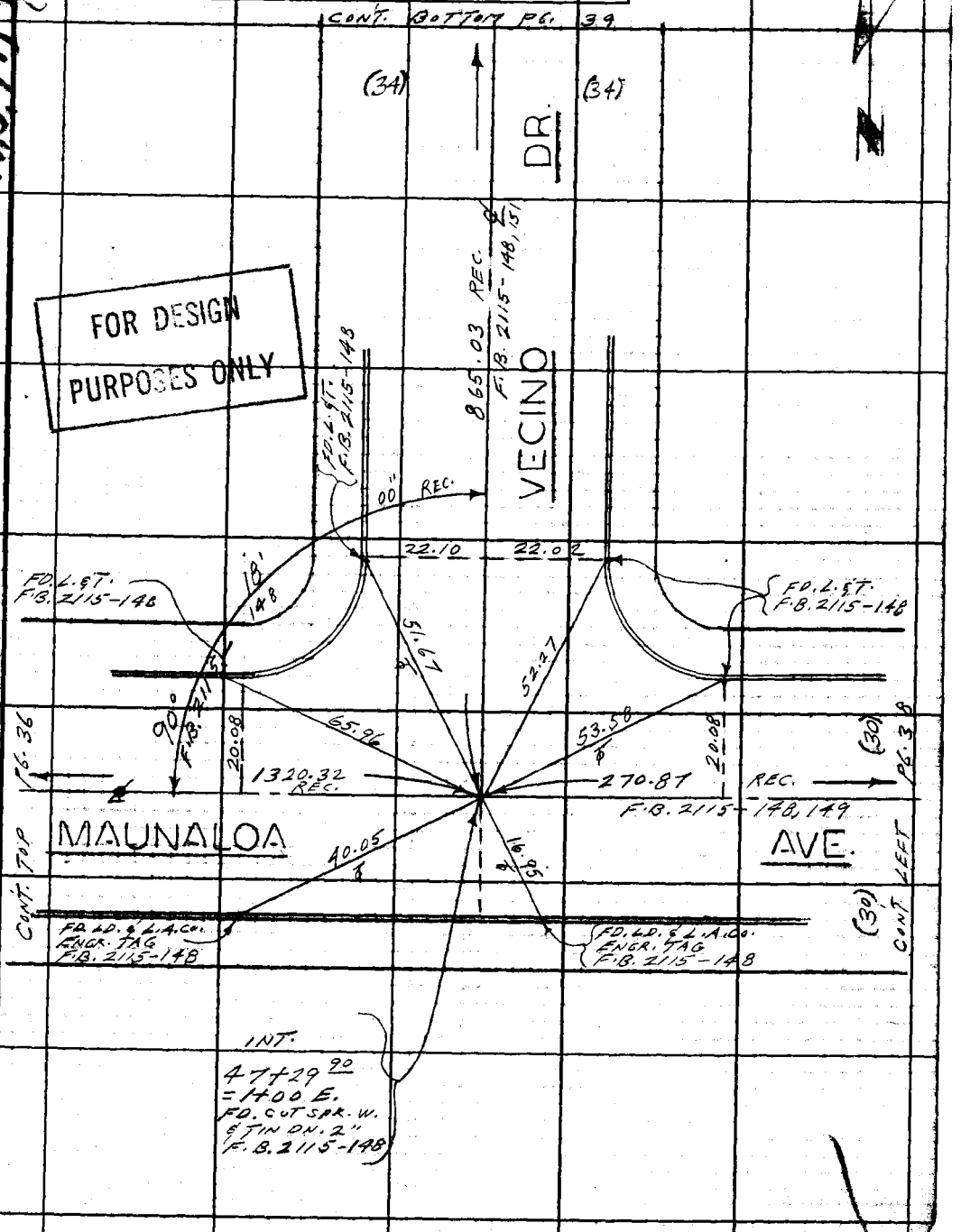
Notes Ck'd by M. ASHLEY	Survey of BENLOMOND AVE. S.D.	F. B. 3335	PG. 37
Map No.	JN 0302.60 Tape 0141 Std 68 °F		
Office Work	Surveyed by L. L. BROWN		
Checked	Notes L. L. BROWN Date 11-29-66		
Date	Indexed C. J. GALLI		

W.S.47, D-2



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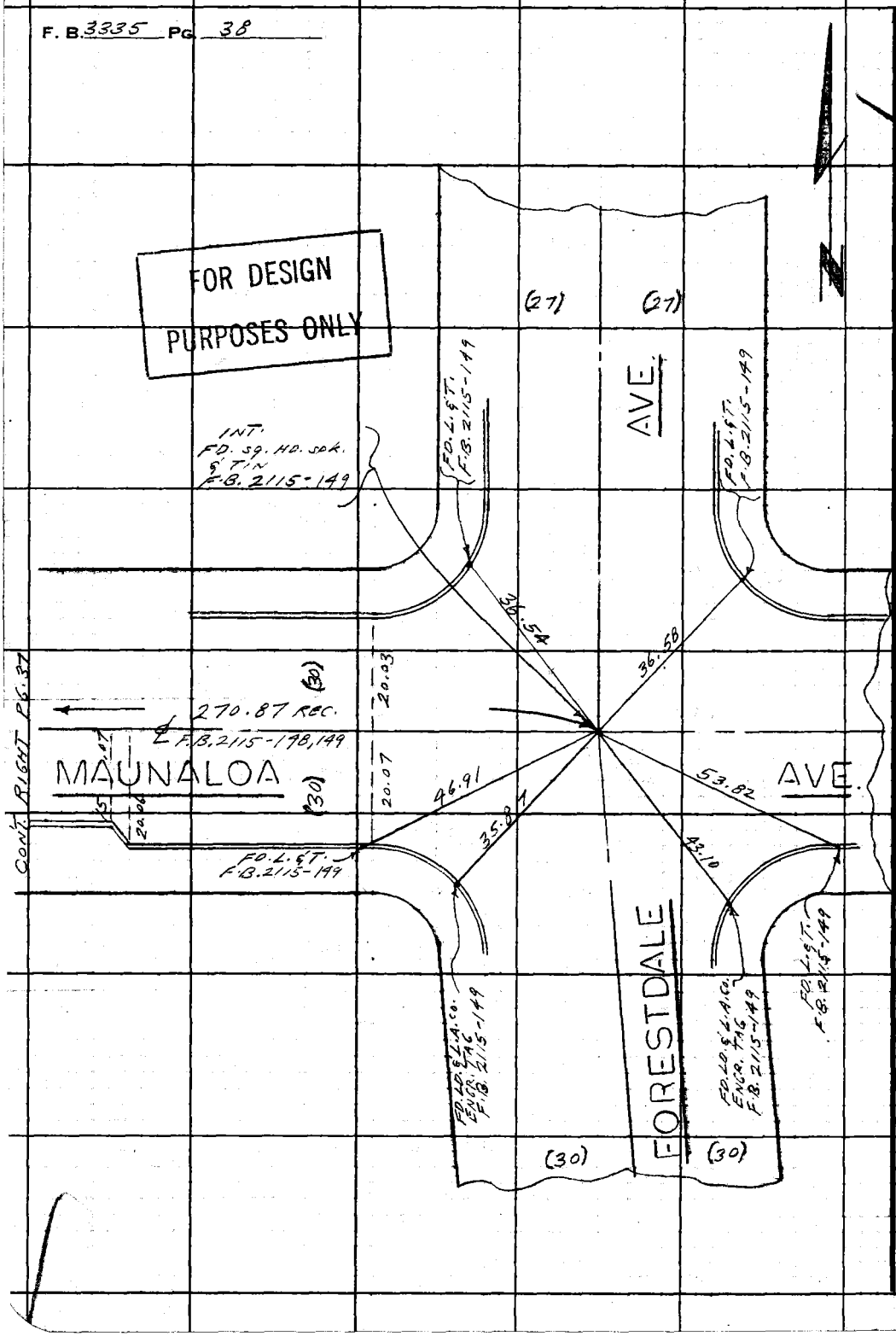
76F309S CE#310 1-65

F. B. 3335 PG. 38



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403 Los Angeles County Engineering Bldg.

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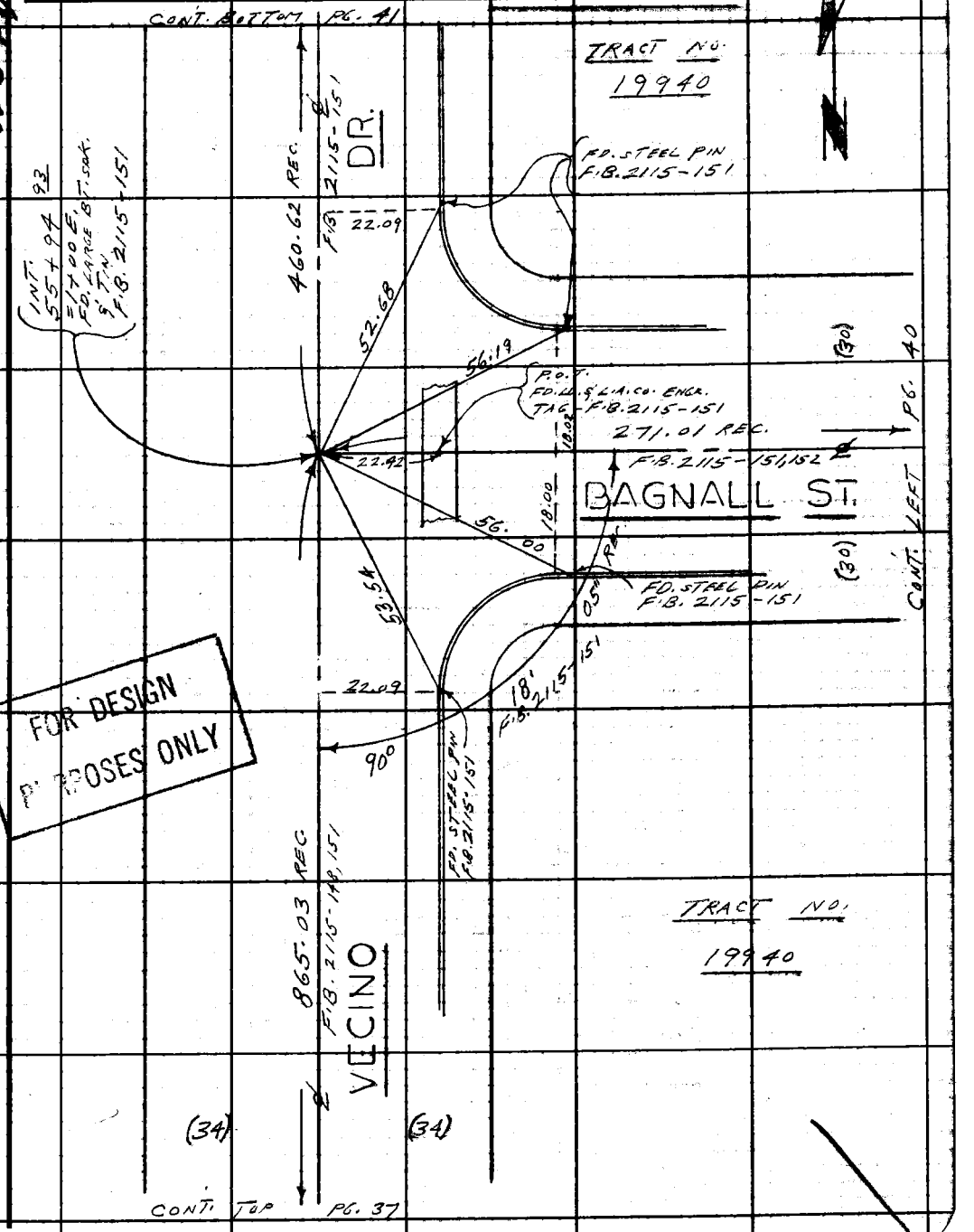
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 0303-00 Tape 0141 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes Date 11-29-66
Date	Indexed C. J. GALLI

F. B. 3335 PG. 39

WS47 D-2



FOR DESIGN PURPOSES ONLY

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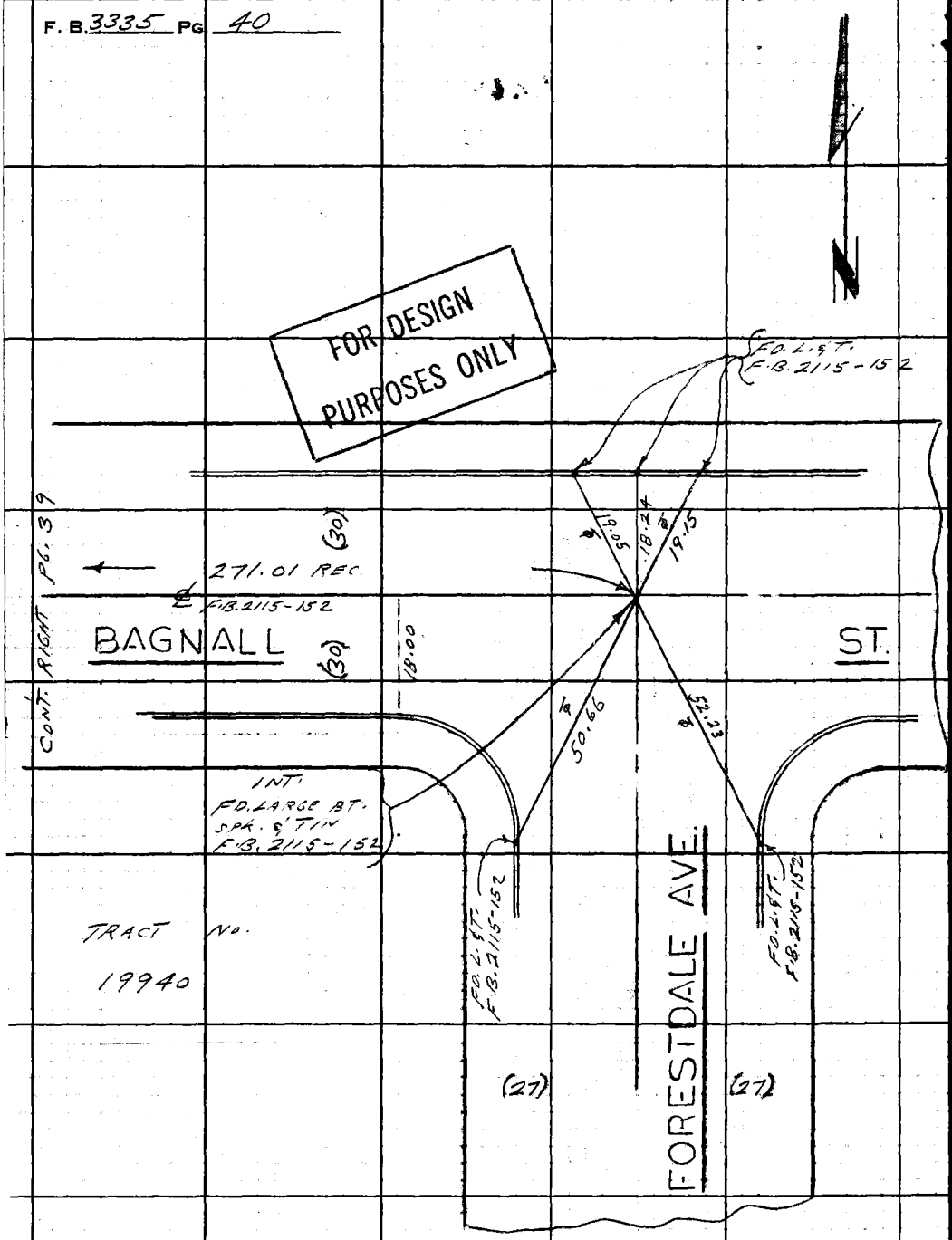
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3335 PG 40



WS 47, D-2

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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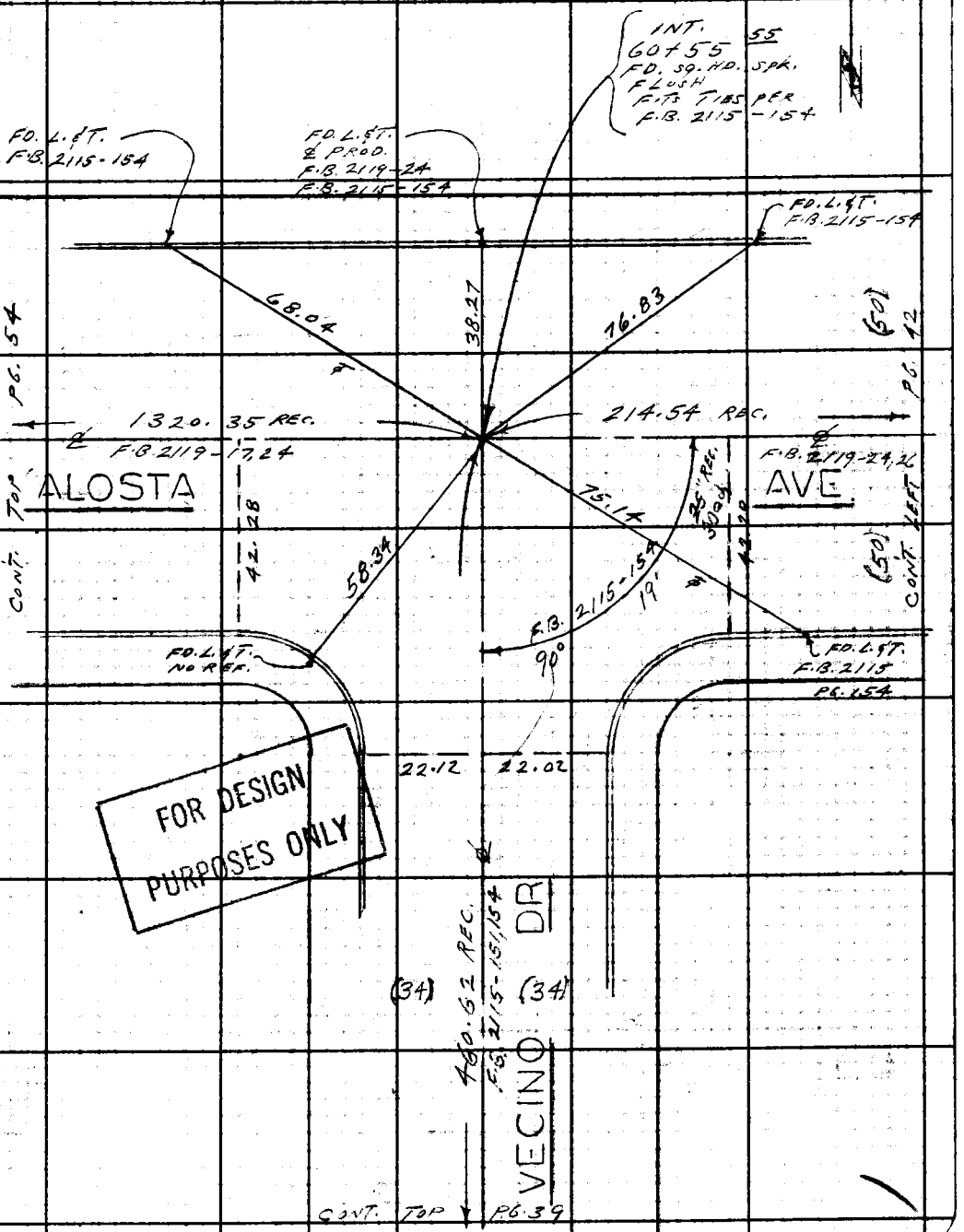
Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 0303.00 Tape 0141 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-29-66
Date	Indexed [redacted]

F. B. 3335 PG. 41

W.S.47, D-2



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

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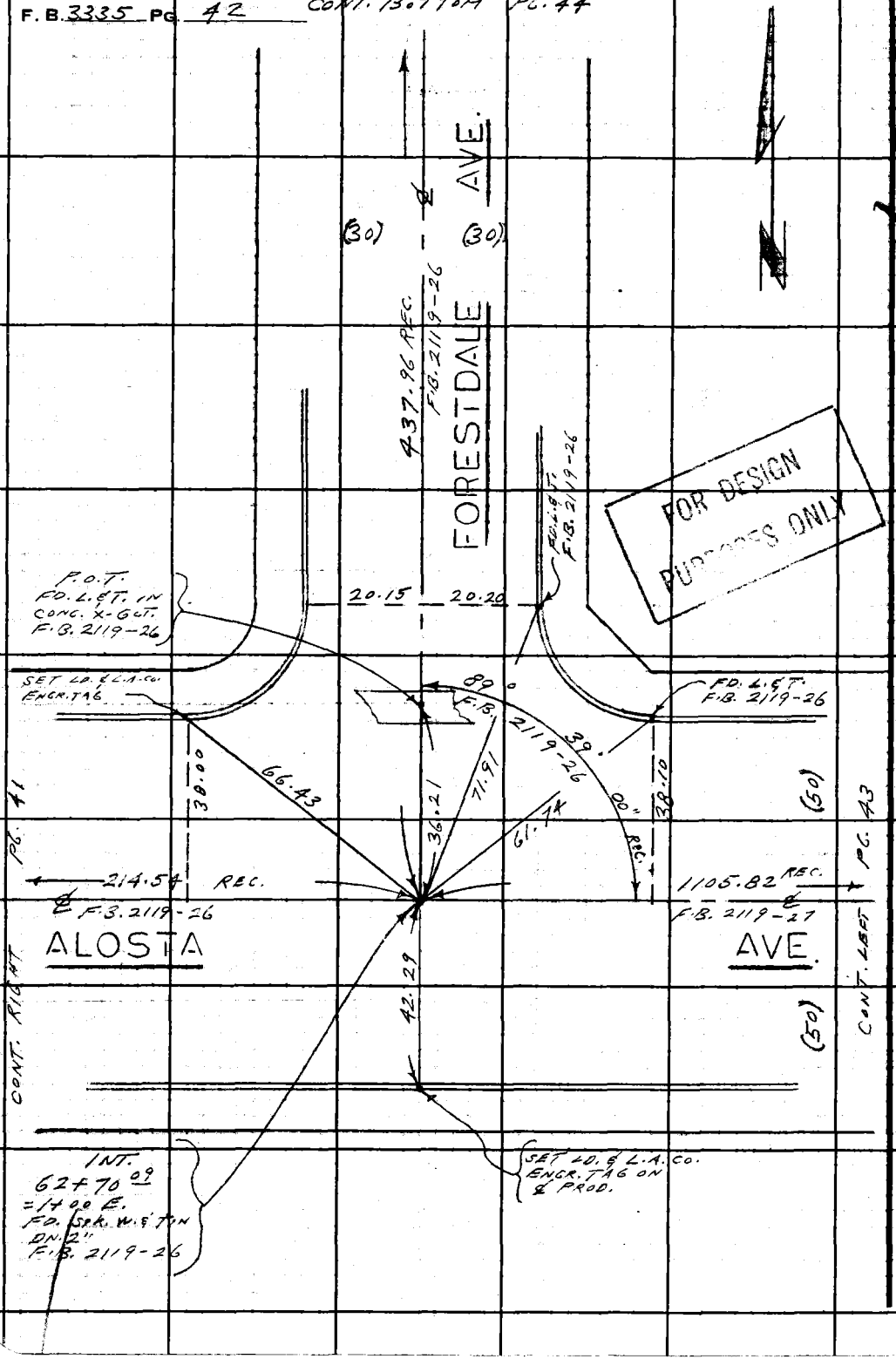
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3335 PG. 42 CONT. BOTTOM PG. 44



FOR DESIGN PURPOSES ONLY

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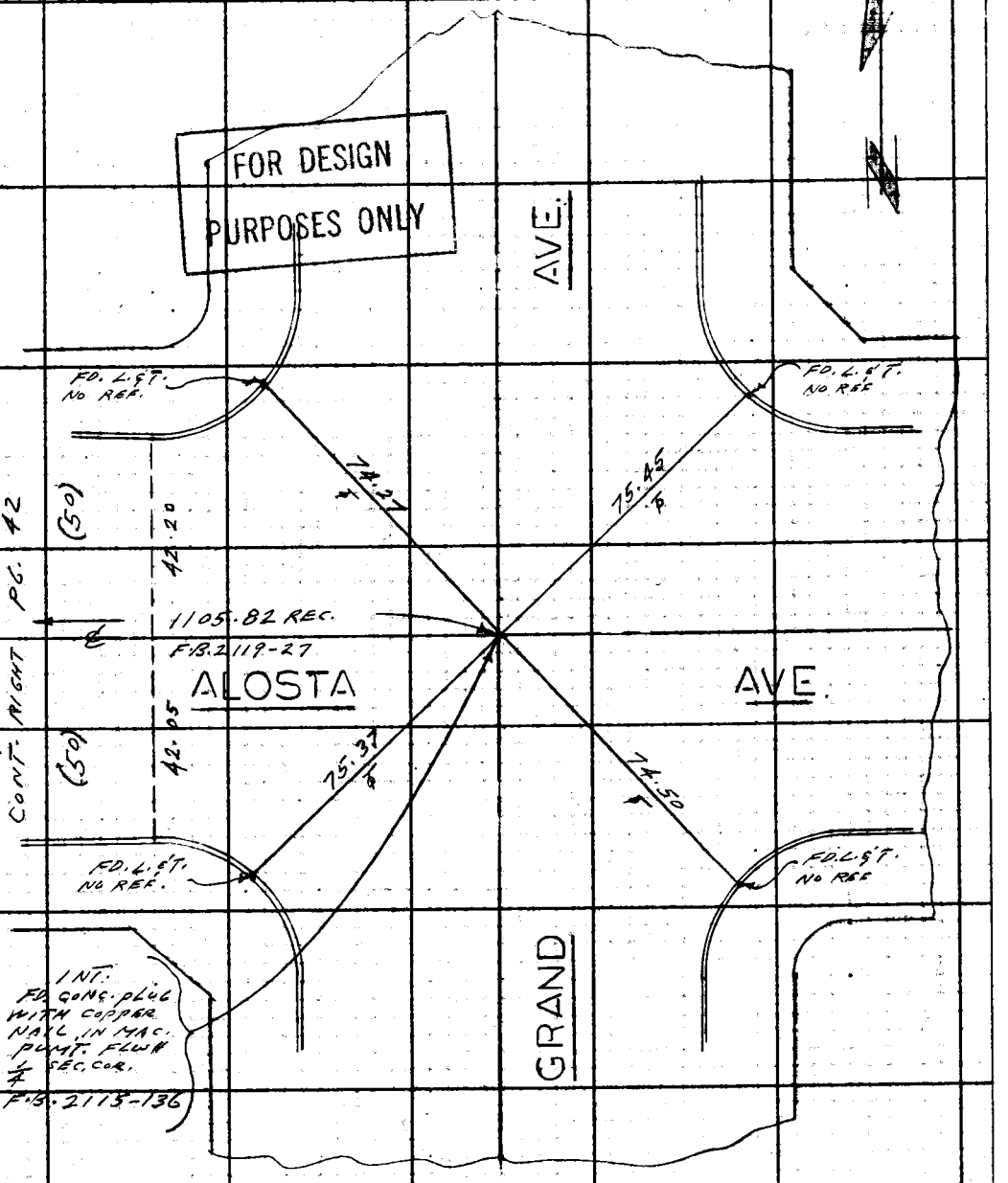
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

M54102

Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 0303.00 Tape 0141 Std 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-29-66
Date	Indexed C.J. GALLI

F. B. 3335 PG. 43

WS 47, D-2

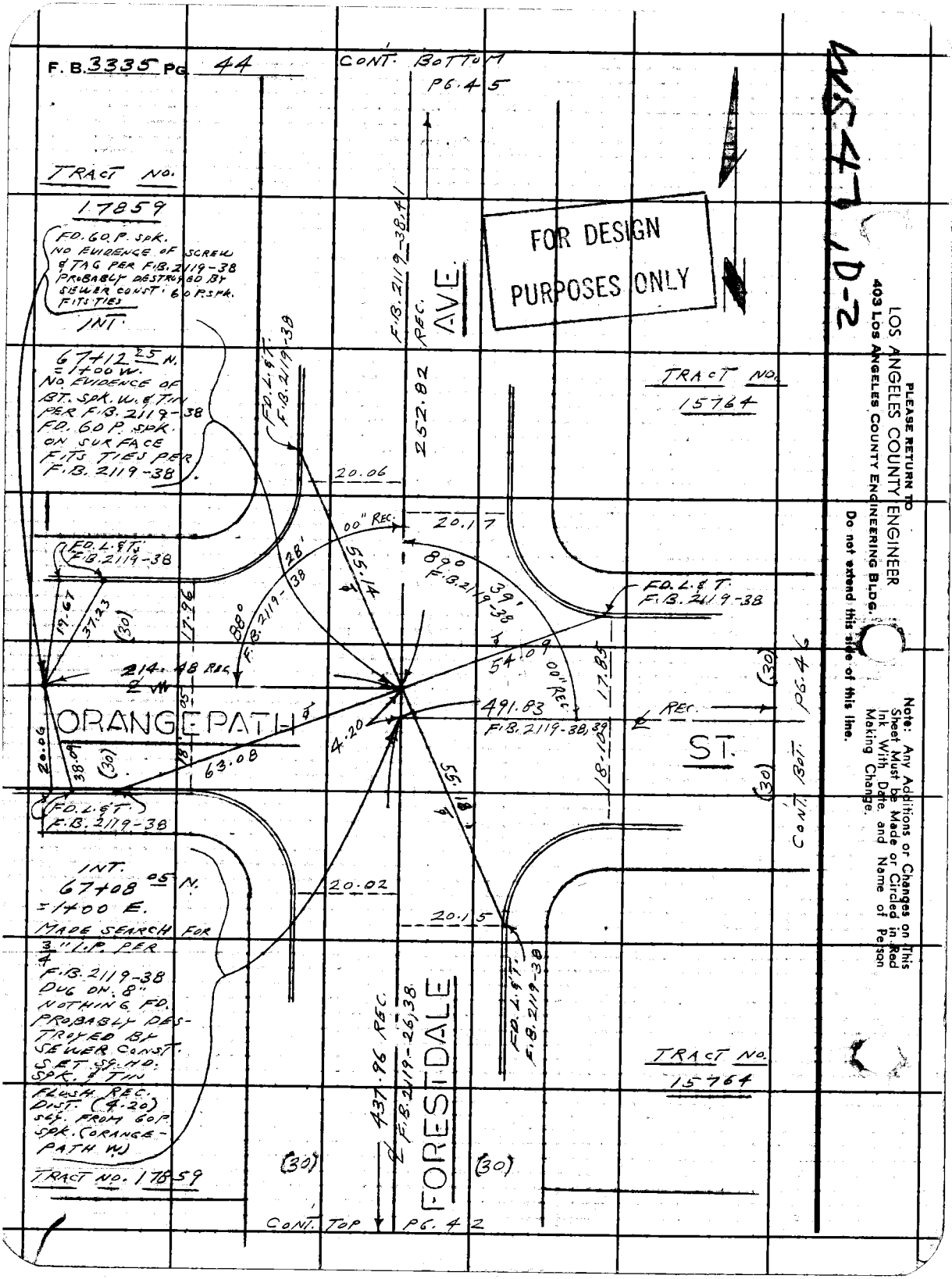


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE #310 6/63


F.B. 3335 PG. 44
CONT. BOTTOM PG. 45
TRACT NO. 17859
FD. 60 P. SPK. NO EVIDENCE OF SCREW & TAG PER F.B. 2119-38 PROBABLY DESTROYED BY SEWER CONST. 60 P. SPK. FITS TIES
INT. 67+12.25 N. = 1+00 W. NO EVIDENCE OF BT. SPK. W. & TIN PER F.B. 2119-38 FD. 60 P. SPK. ON SURFACE FITS TIES PER F.B. 2119-38
FD. L. & T. F.B. 2119-38
F.B. 2119-38, 41
REC.
AVE.
252.82
TRACT NO. 15764
20.06
20.17
00" REC.
28'
55.14
89° F.B. 2119-38
39'
FD. L. & T. F.B. 2119-38
19.67
37.23
(30)
17.96
88° F.B. 2119-38
214.48 REC.
54.09
00" REC.
17.85
(30)
PG. 46
ORANGEPATH
491.83
F.B. 2119-38, 39
REC.
ST.
4.20
63.08
20.06
38.09
(30)
18.10
55.18
(30)
CONT. BOT.
FD. L. & T. F.B. 2119-38
INT. 67+08.05 N. = 1+00 E.
MADE SEARCH FOR 3/4" I.P. PER F.B. 2119-38 DUG ON 8" NOTHING FD. PROBABLY DESTROYED BY SEWER CONST. SET SQ. HD. SPK. & TIN FLUSH REC. DIST. (4.20) SLY. FROM 60 P. SPK. (ORANGEPATH W.)
20.02
20.15
FD. L. & T. F.B. 2119-38
437.96 REC.
F.B. 2119-26, 38
FORESTDALE
TRACT NO. 15764
TRACT NO. 17859
(30)
(30)
CONT. TOP PG. 42
FOR DESIGN PURPOSES ONLY
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MS 47 D-2

Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 6112.17 Tape 0141 Std 58 °F
Office Work	Surveyed by E. L. BROWN
Checked	Notes E. L. BROWN Date 11-30-66
Date	Indexed G. J. GALLI

F. B. 3335 PG. 45

W.S. 47D-2

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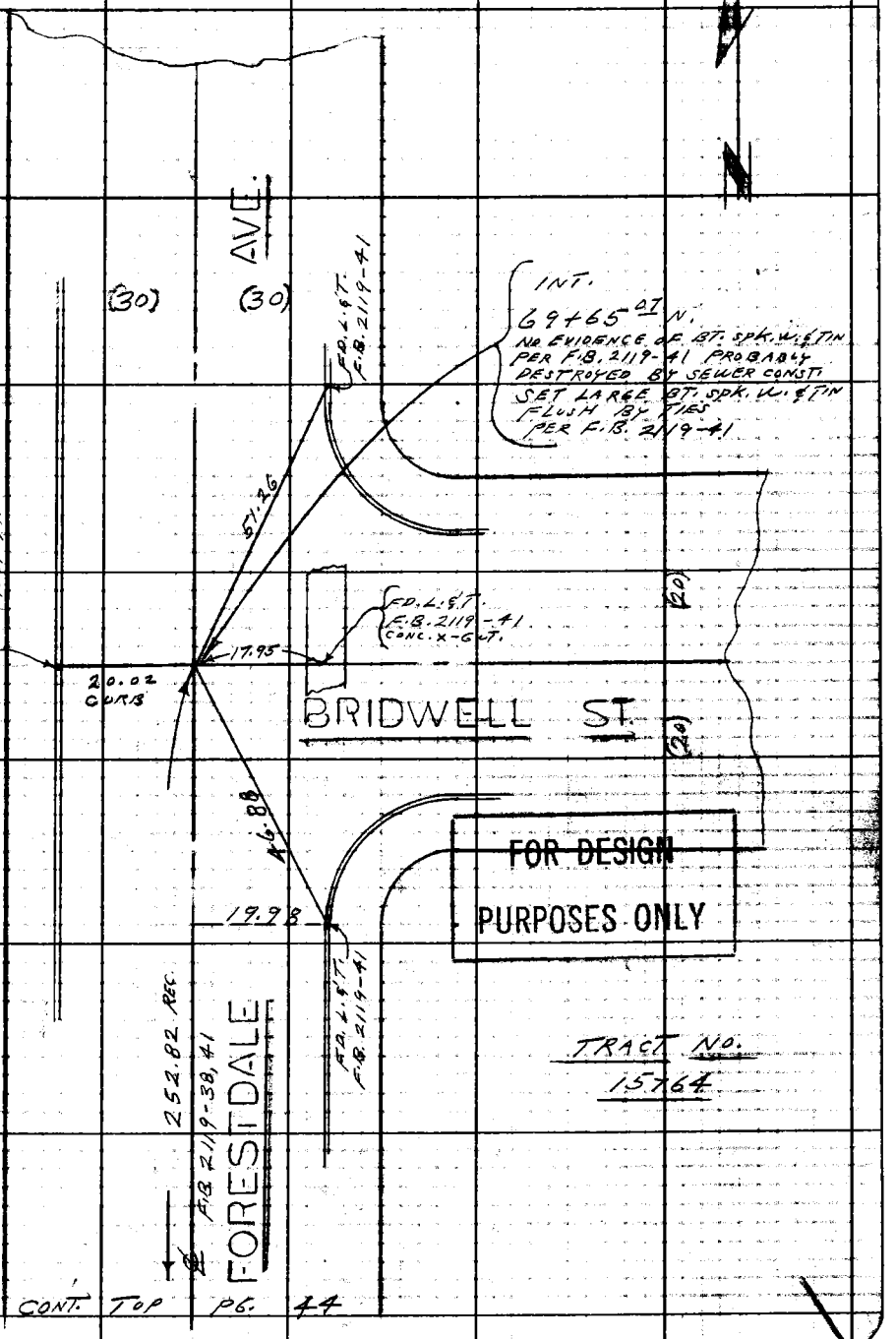
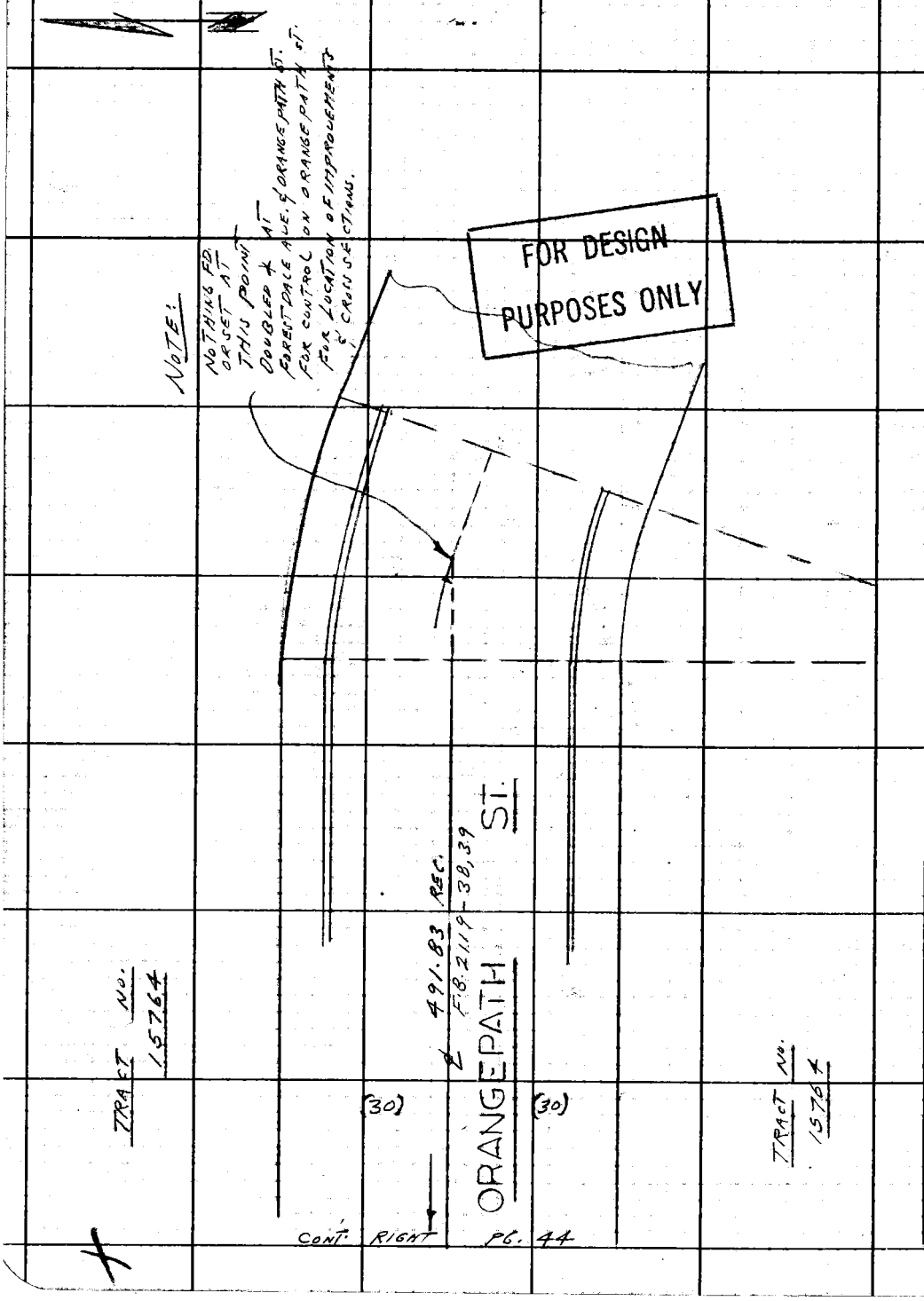
403 LOS ANGELES COUNTY ENGINEERING BLDG.



CONT. TOP PG. 44

76F309S CS#310 1-65

F. B. 3335 PG. 46



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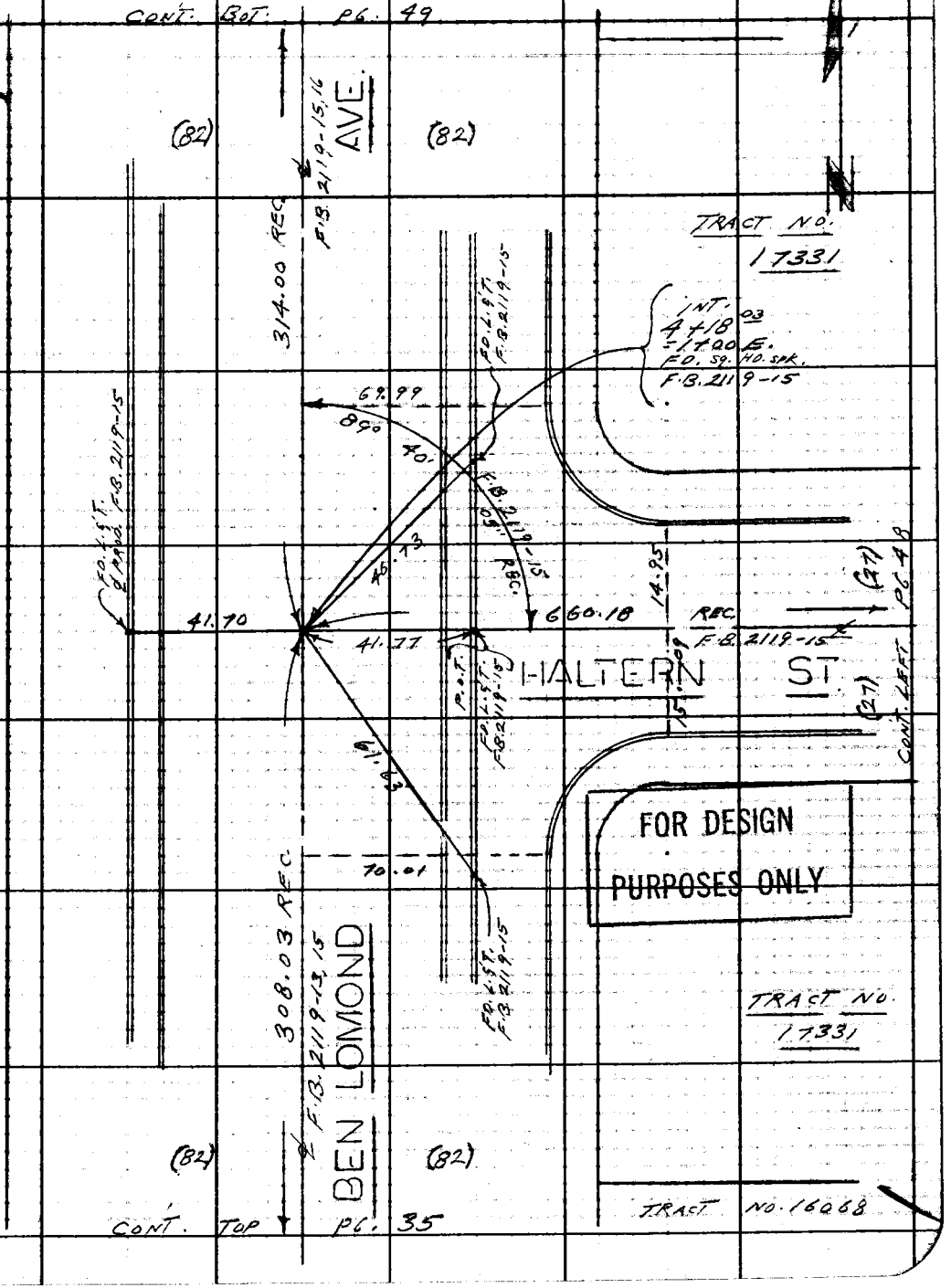
Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. SD.	F. B. 3335 PG. 47
Map No.	JN 0303.00 Tape 0141 Std 68 °F	
Office Work	Surveyed by L. L. BROWN	
Checked	Notes L. L. BROWN Date 11-30-66	
Date	Indexed C. J. GALLI	

W.S. 47, D-2



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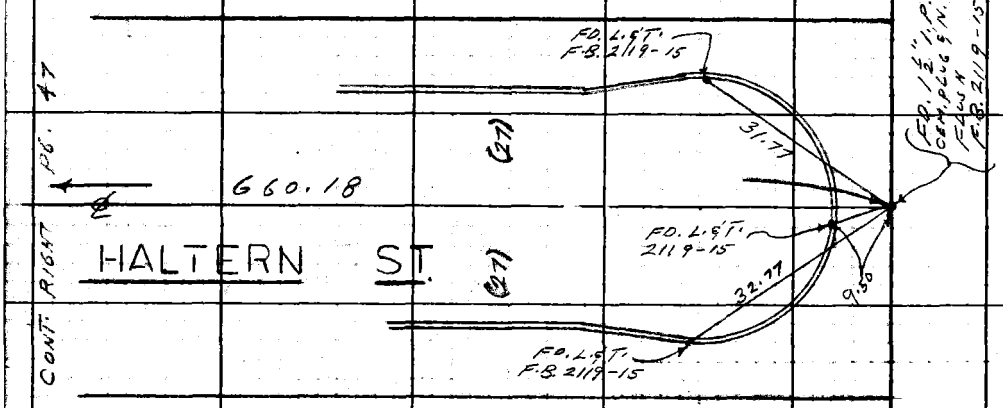
76F309S CE#310 1-65

F. B. 3335 PG 48

TRACT NO.
17331



FOR DESIGN PURPOSES ONLY

TRACT NO.
17331

TRACT NO.
16068

W.S.47, D-2

LOS ANGELES COUNTY ENGINEER
409 LOS ANGELES COUNTY ENGINEERING BLDG.

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Map No.	JN 0303.00 Tape 241 Std 65 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 11-30-66
Date	Indexed R.J. MILLI

F. B. 3335 PG. 49

W.S.47 D-2

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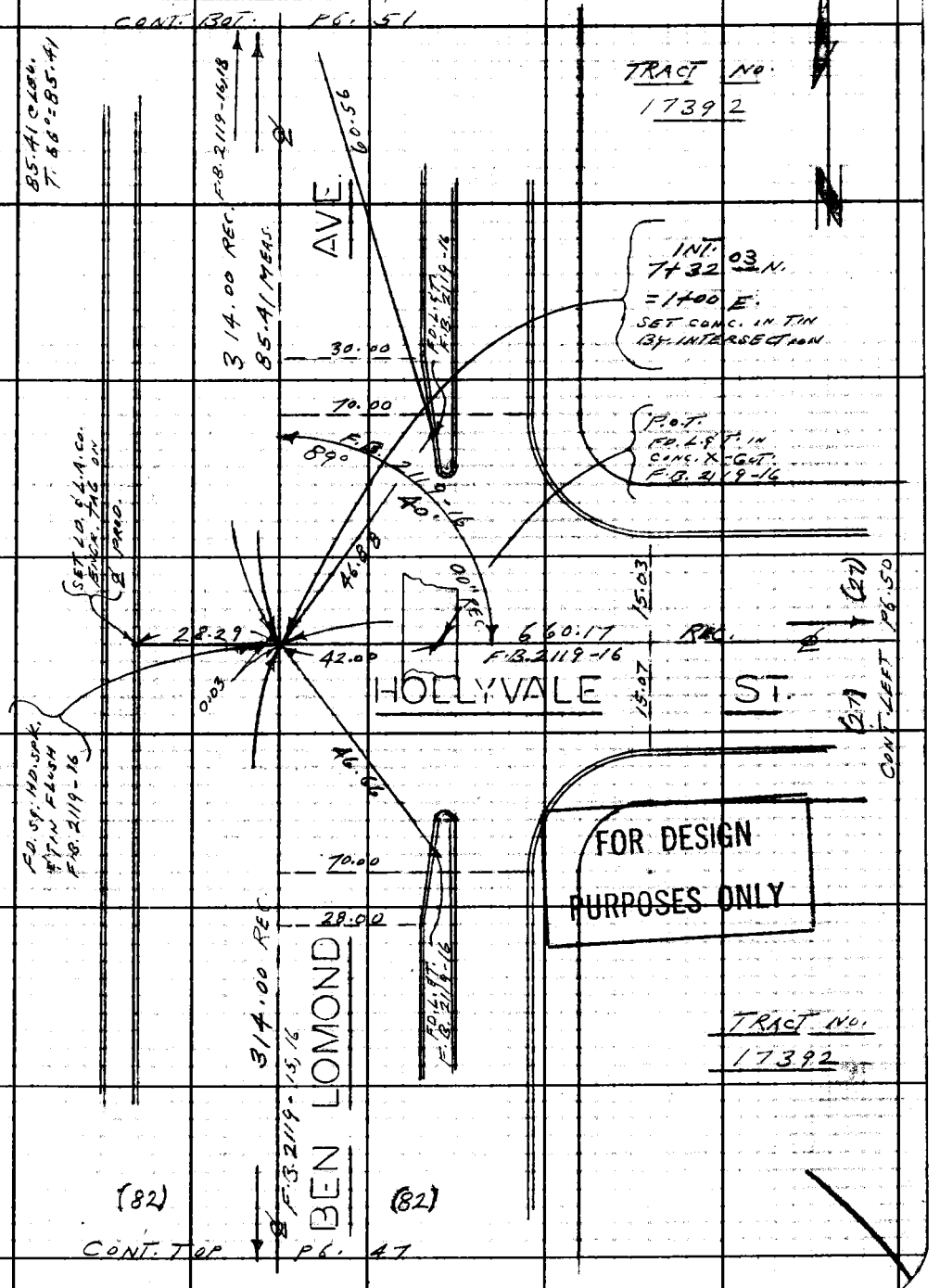
403 LOS ANGELES COUNTY ENGINEERING BLDG.



76F309S CE#310 1-65

F. B. 3335 PG 50

TRACT NO. 17392

FOR DESIGN PURPOSES ONLY

FD. L.&T. F.B. 2119-16

39.53

(27)

PG. 49

660.17 REC.

℄ F.B. 2119-16

HOLLYVALE ST. (27)

CONT. RIGHT

38.49

8.0

FD. L.&T. F.B. 2119-16

FD. 1/2" I.P. CEM. PLUG & L.S. TAG No. 2209 F.B. 2119-16

FD. L.&T. F.B. 2119-16

TRACT NO. 17392

TRACT NO. 17331

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WSTP-2

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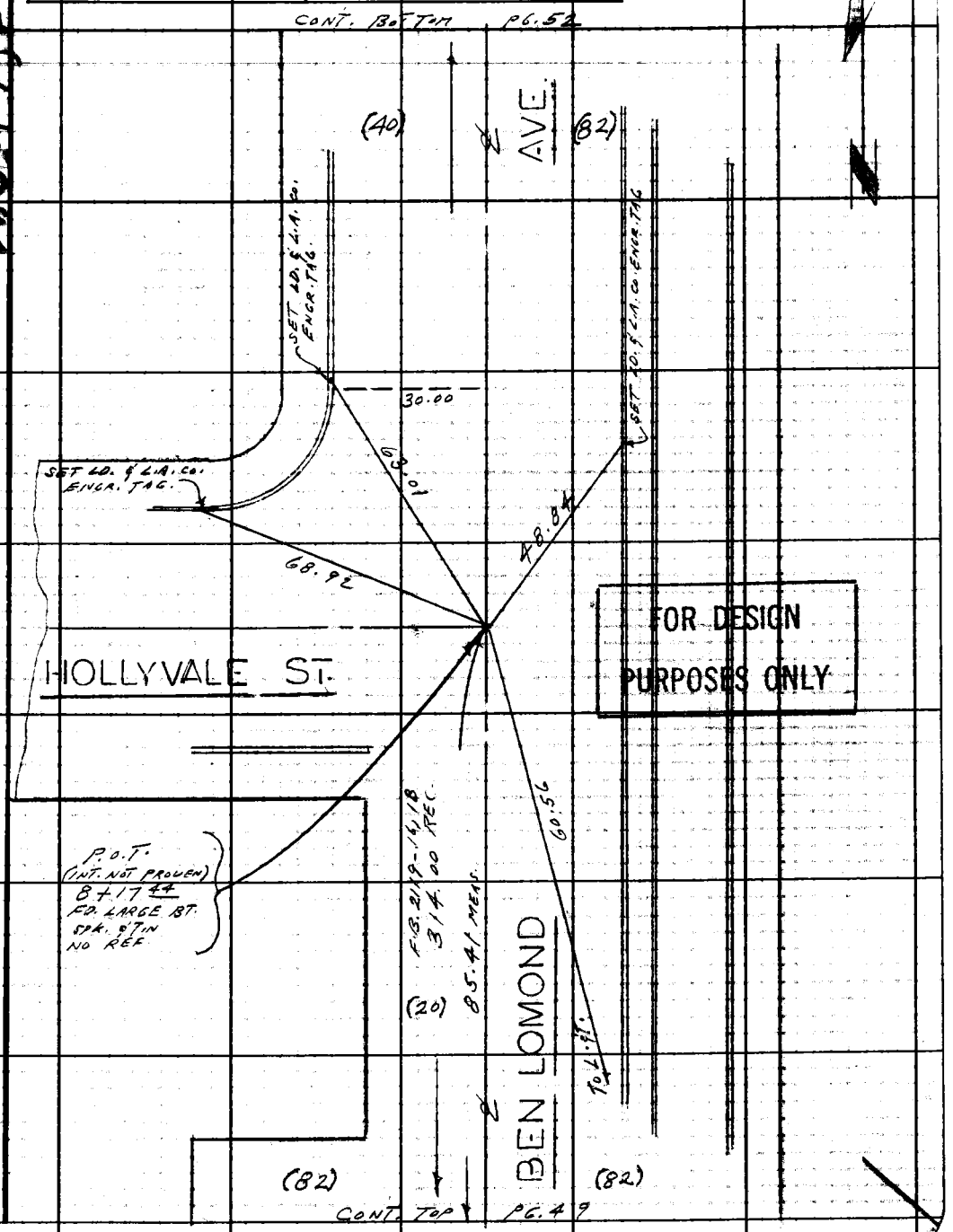
Map No.	JN 0303.00 Tape 0141 Std 68 °F	
Office Work	Surveyed by L. L. BROWN	
Checked	Notes L. L. BROWN Date 11-30-66	
Date	Indexed R. J. GALLI	

W.S.47, D-2



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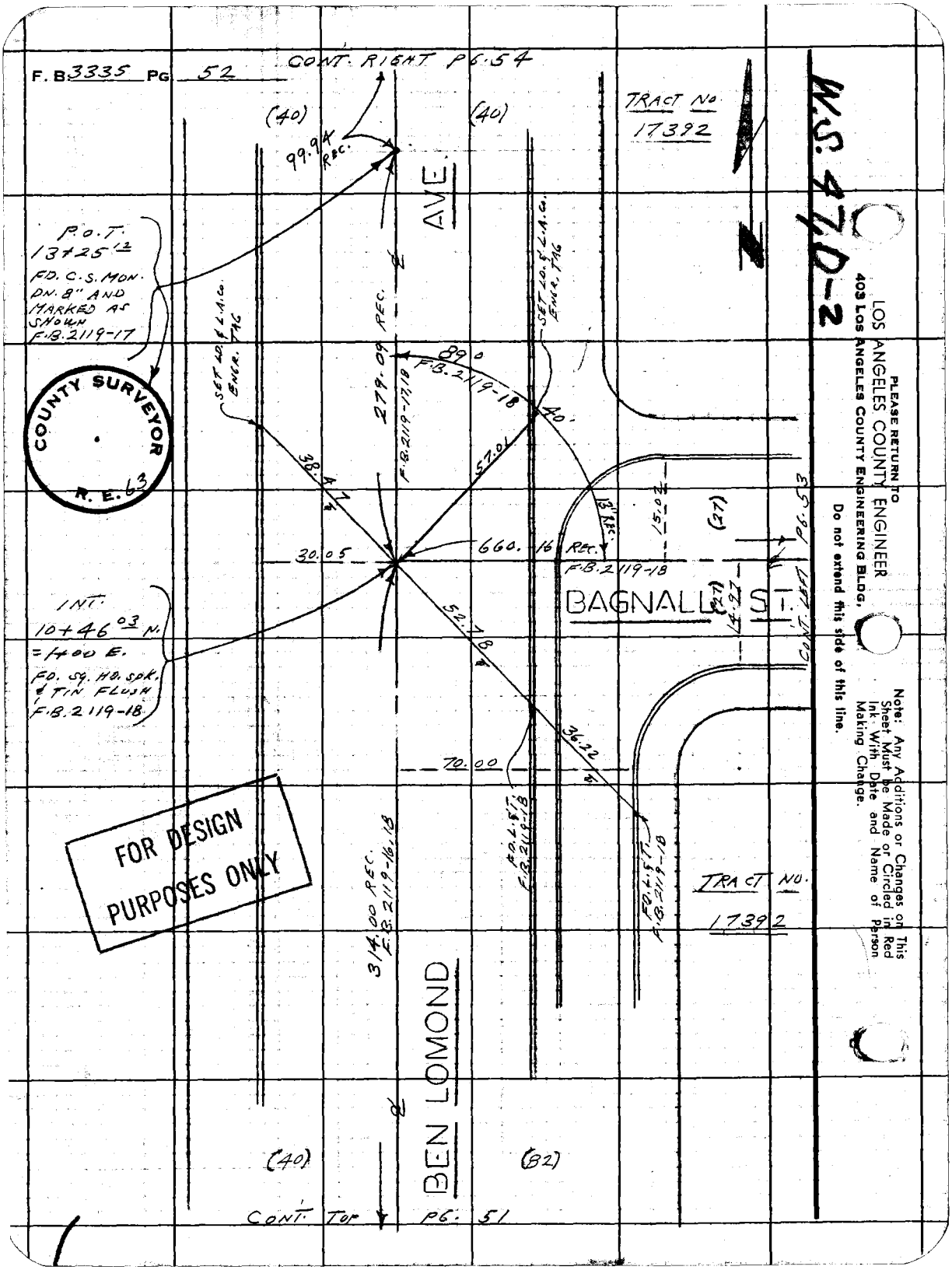
76F309S CE#310 1-65



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W.S. 47, D-2

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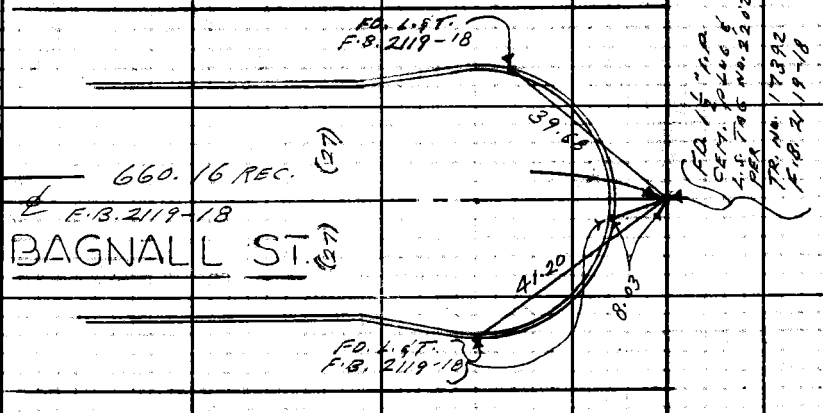
Map No.	JN 2305.00 Tape Std. 68 °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes Date 12-5-66
Date	Indexed R. J. GALLI

F. B. 3335 PG. 53

TRACT NO. 17392

FOR DESIGN PURPOSES ONLY



CONT. RIGHT PG. 52

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TRACT NO. 17392

76F309S CE#310 1-65

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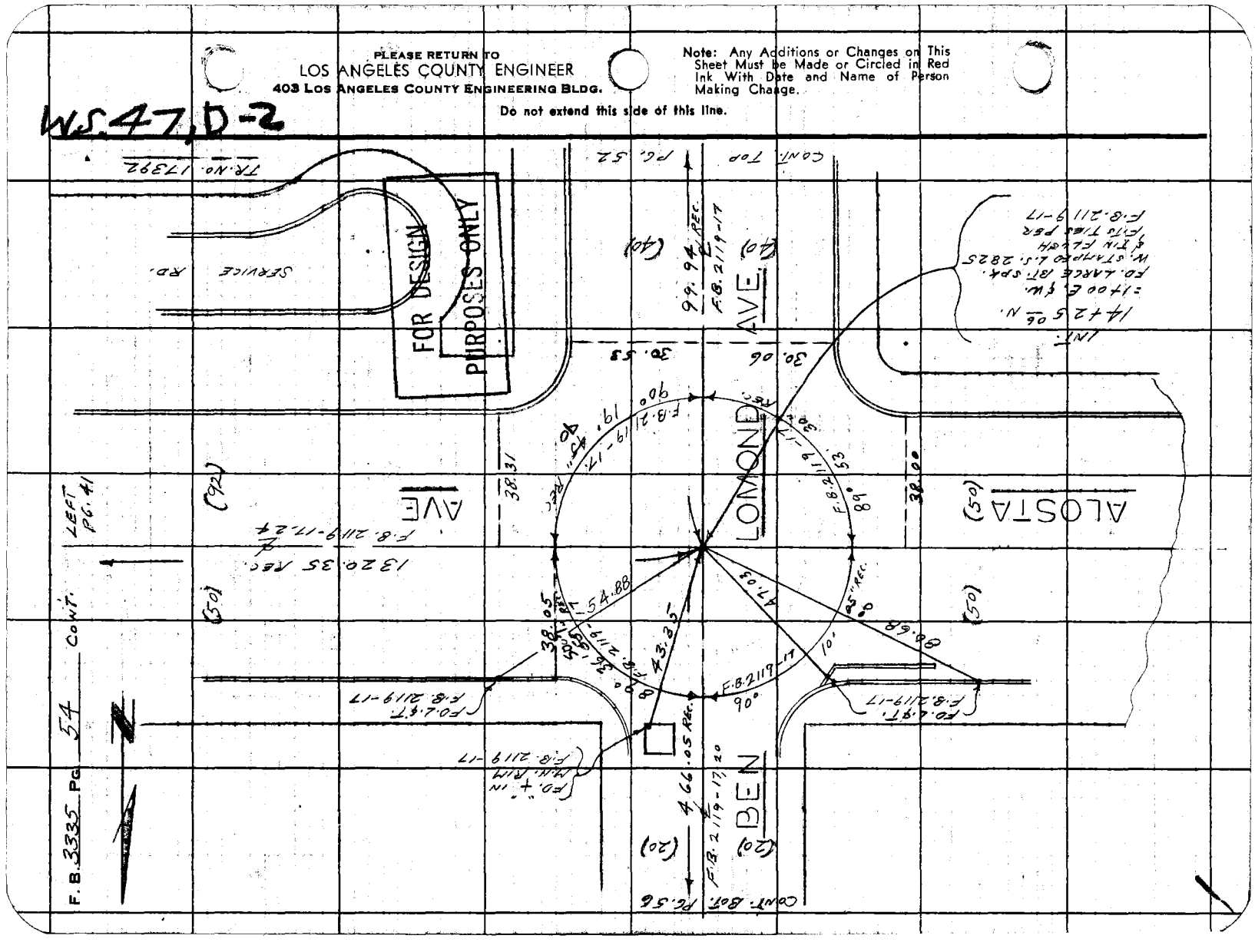
WS.47,D-2



Notes Ck'd by	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 2303.00 Tape 014 Std 0 8 °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes L. L. BROWN Date 12-5-66
Date	Indexed

F. B. 3335 PG. 55

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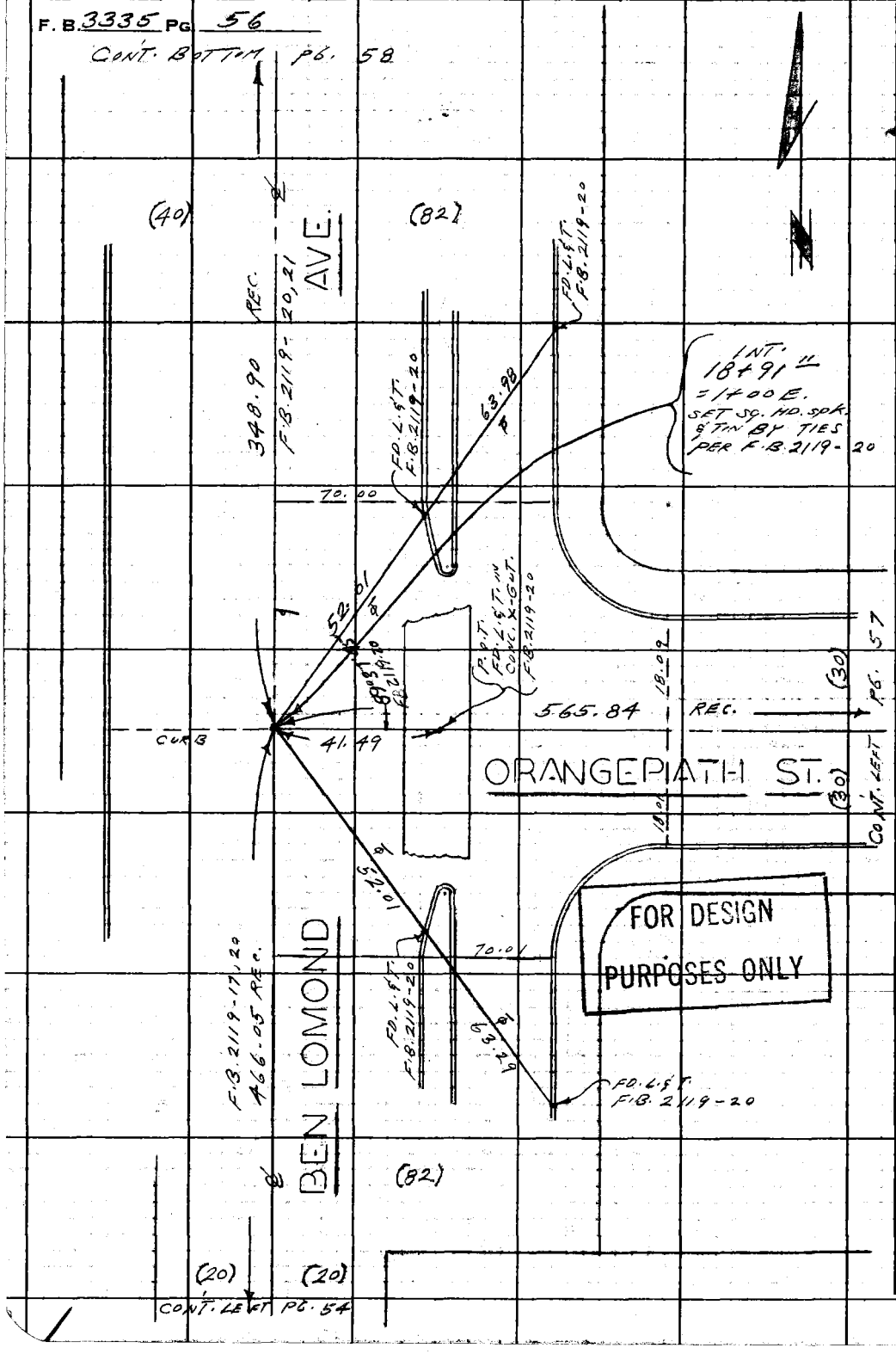
76F309S CE#310 1-65

F. B. 3335 PG. 56

CONT. BOTTOM PG. 58



WC47D-2

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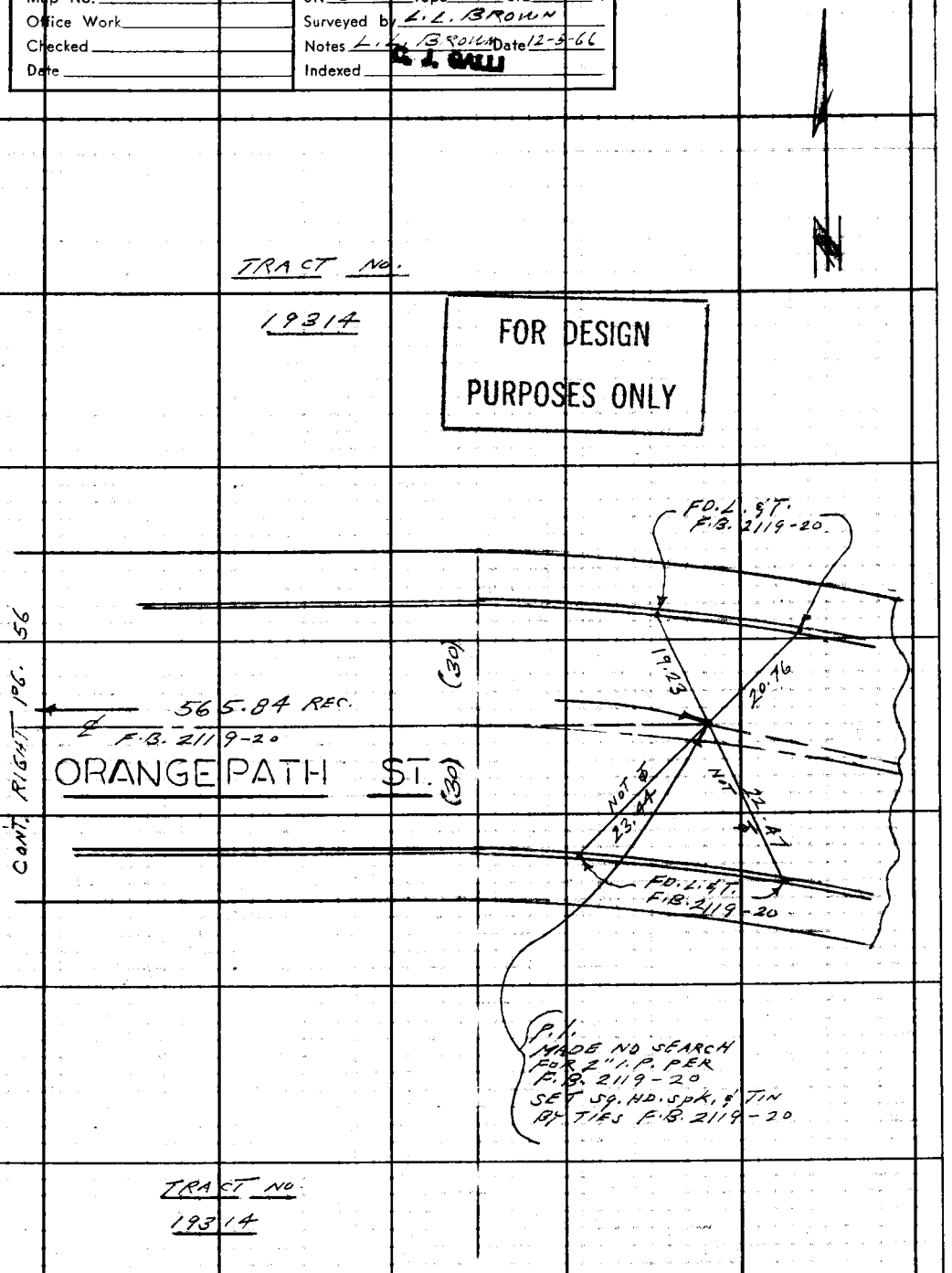
Notes Ck'd by M. ASHLEY	Survey of BEN LOMOND AVE. S.D.	F. B. 3335 PG. 57
Map No.	JN 0303.00 Tape 0141 Std 6 8 °F	
Office Work	Surveyed by L. L. BROWN	
Checked	Notes L. L. BROWN Date 12-5-66	
Date	Indexed C. J. GALLI	



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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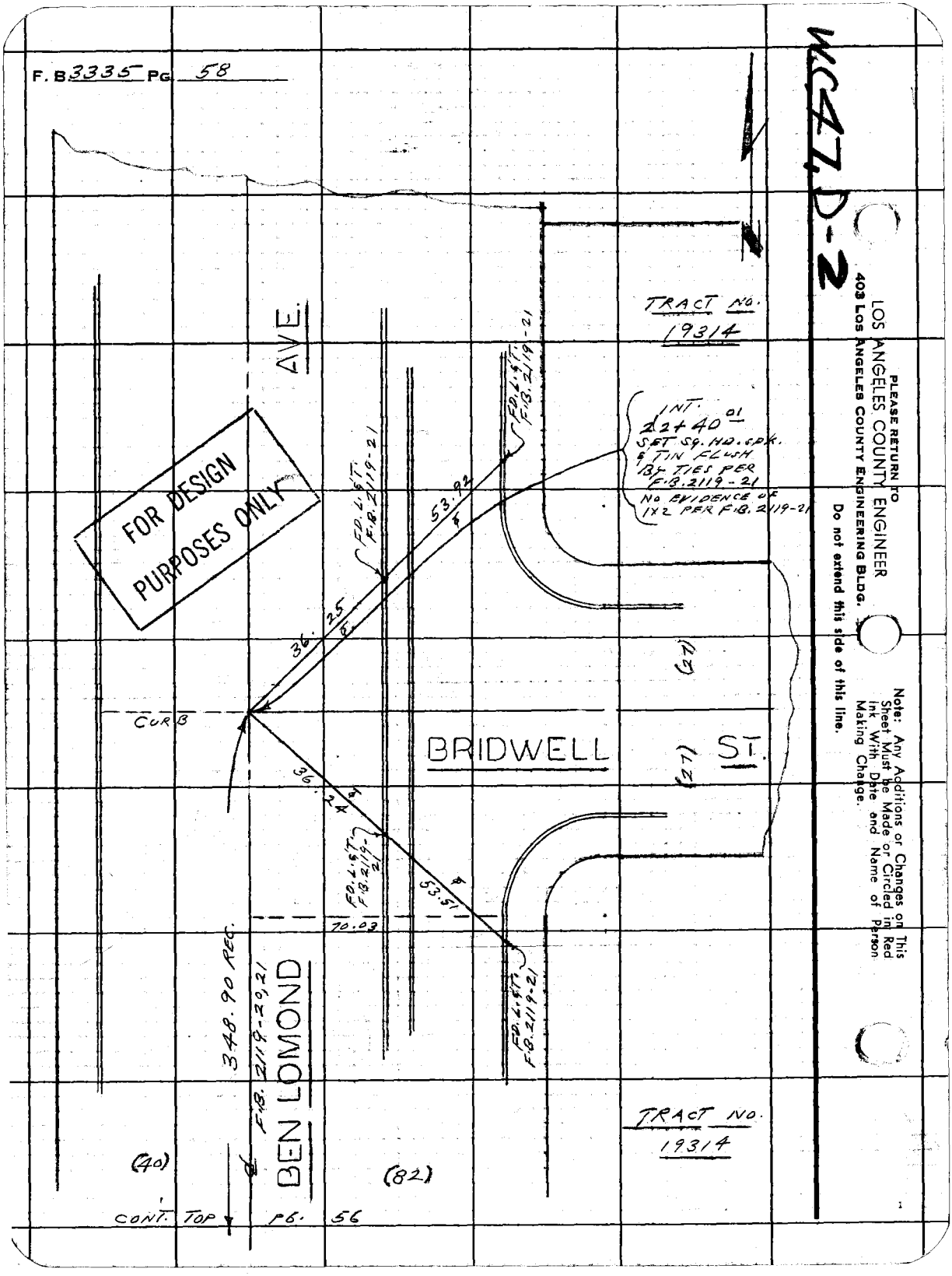
76F309S CE#310 1-65

F. B 3335 PG 58



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Notes Ck'd by	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 611217 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date
Date	Indexed G. J. GALLI

F. B. 3335 PG. 59

BEN LOMOND AVE.

STORM DRAIN

LINE A

J.N. 611217

TOPOGRAPHY

FROM BIG DALTON WASH (STA. 17+00) N'LY. ON BEN LOMOND AVE. TO MAUNALOA AVE. THEN E'LY. ON MAUNALOA AVE. TO VECINO DR. THEN N'LY. ON VECINO DR. TO ALOSTA AVE. THEN E'LY. ON ALOSTA AVE. TO FORESTDALE AVE. AND THEN N'LY. ON FORESTDALE AVE. TO ORANGEPATH ST.

PARTY

BROWN, L.L.
MOODYMAN, W.
SANDOVAL, M.
MERINO, G.

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76F309S CE#310 1-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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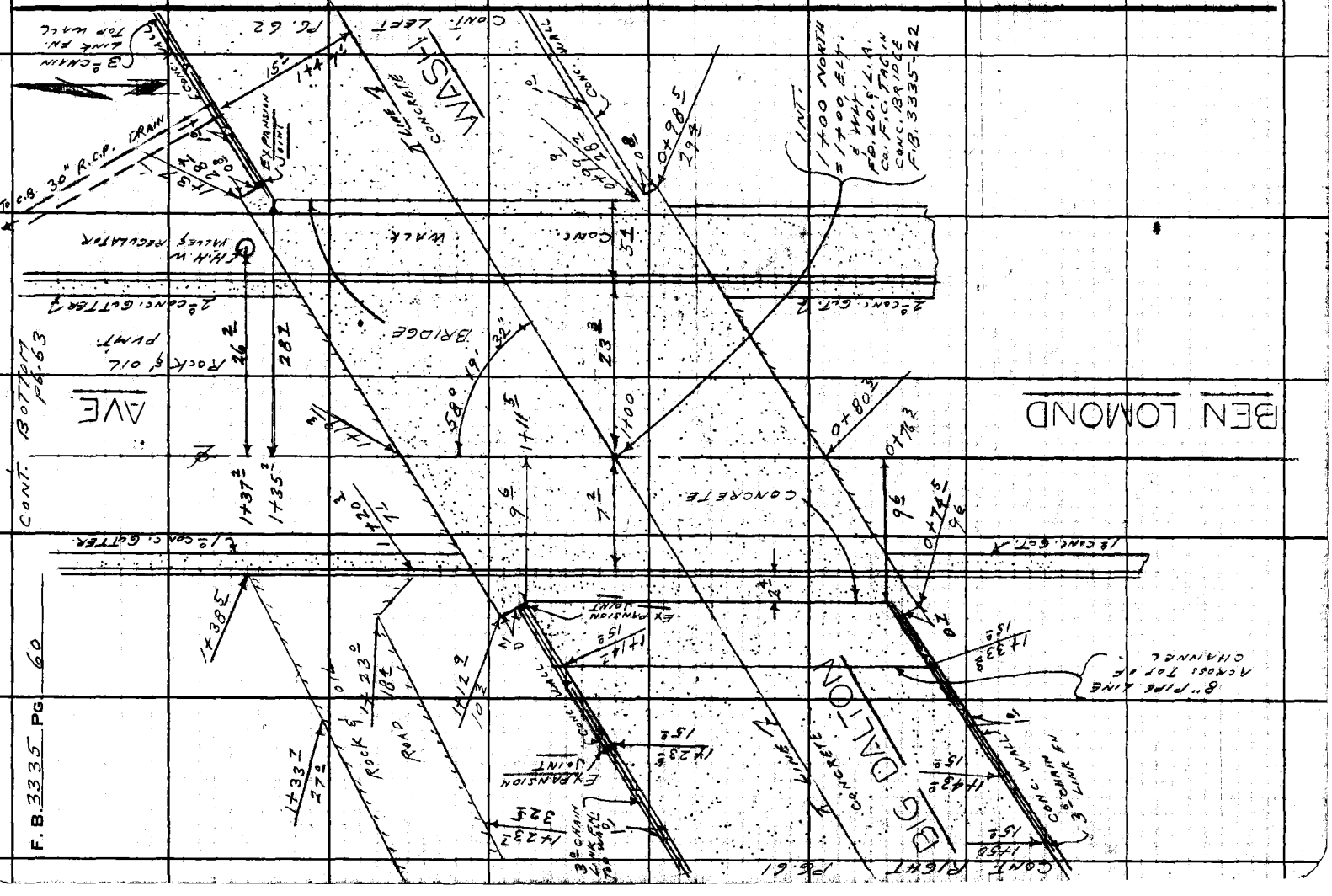
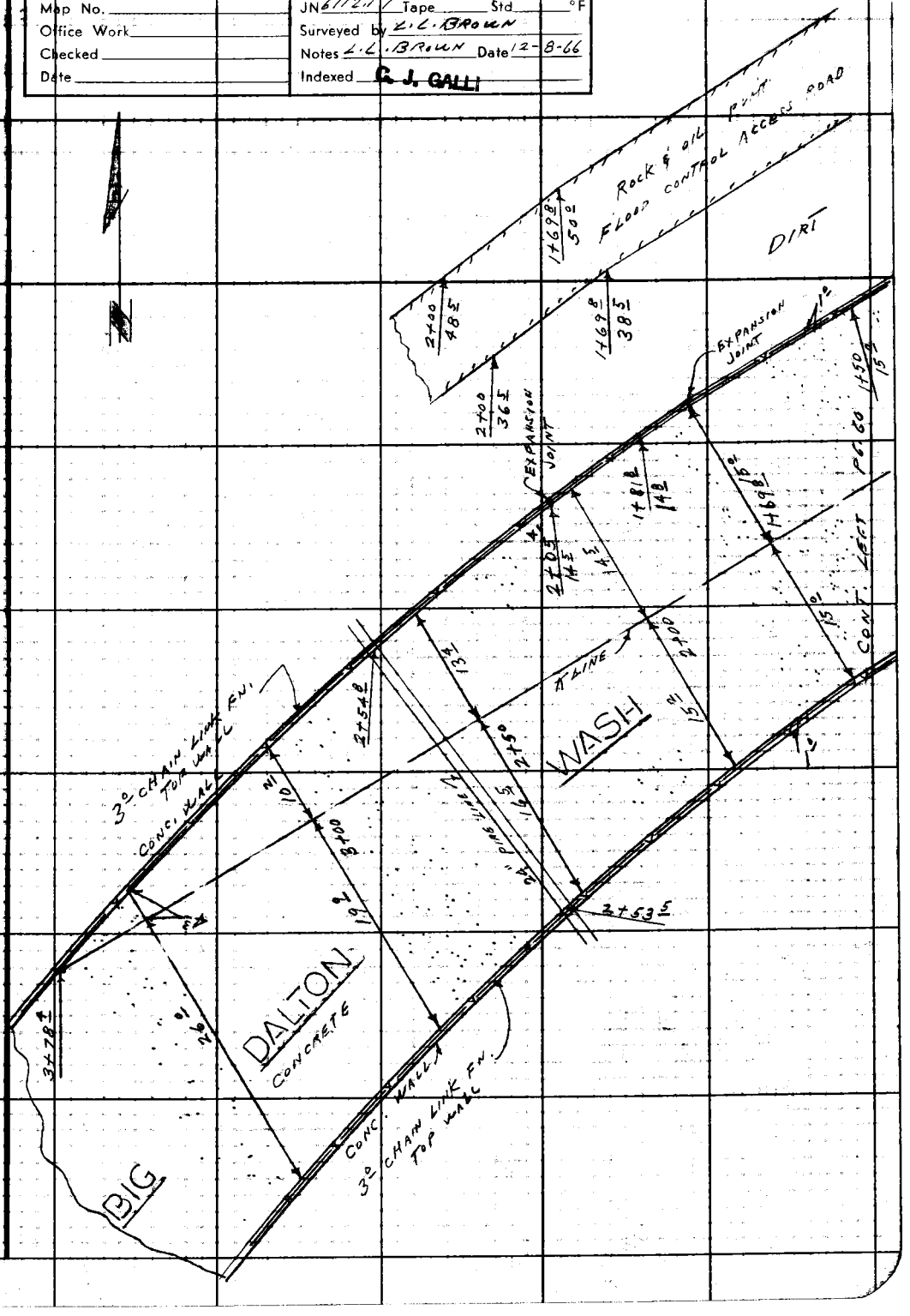


Notes Ck'd by	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 6112.17 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-8-66
Date	Indexed G. J. GALLI

F. B. 3335 PG. 61



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

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76F309S CE#310 1-65

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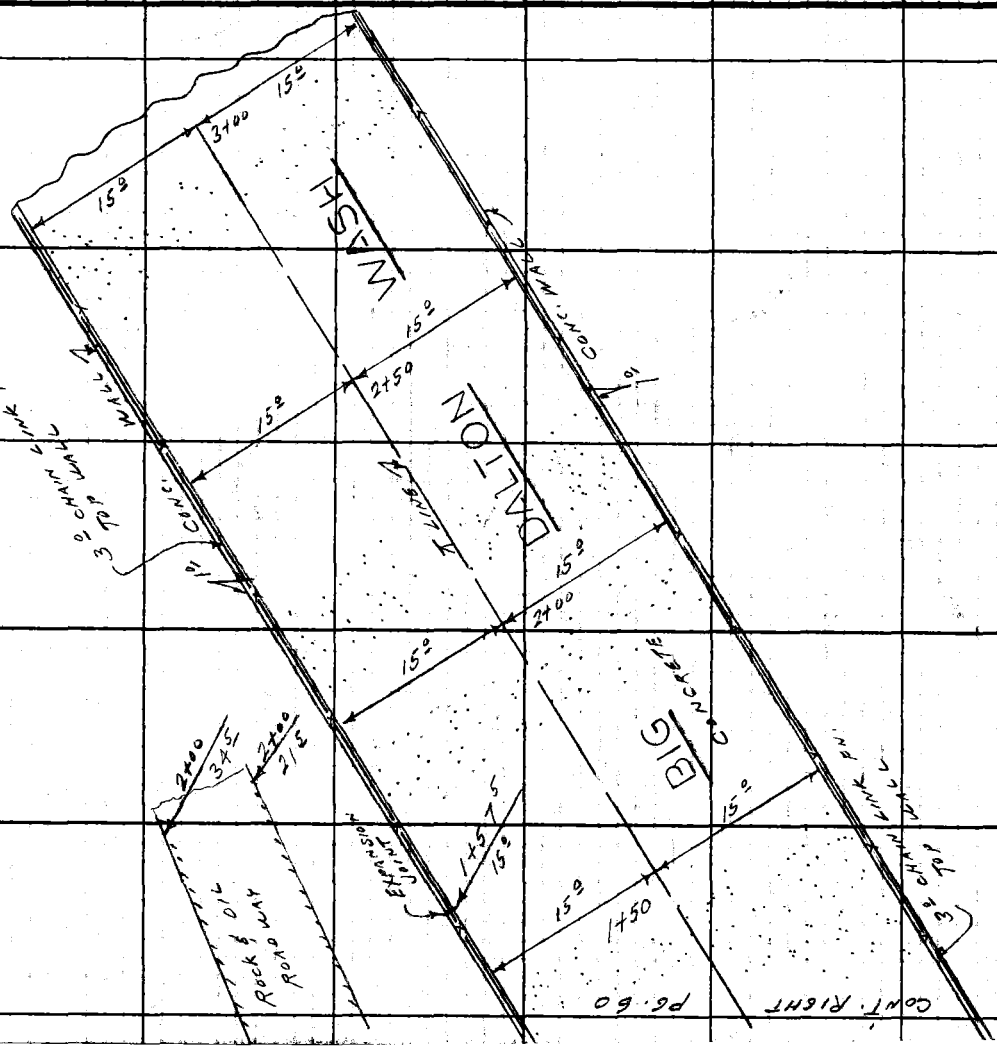
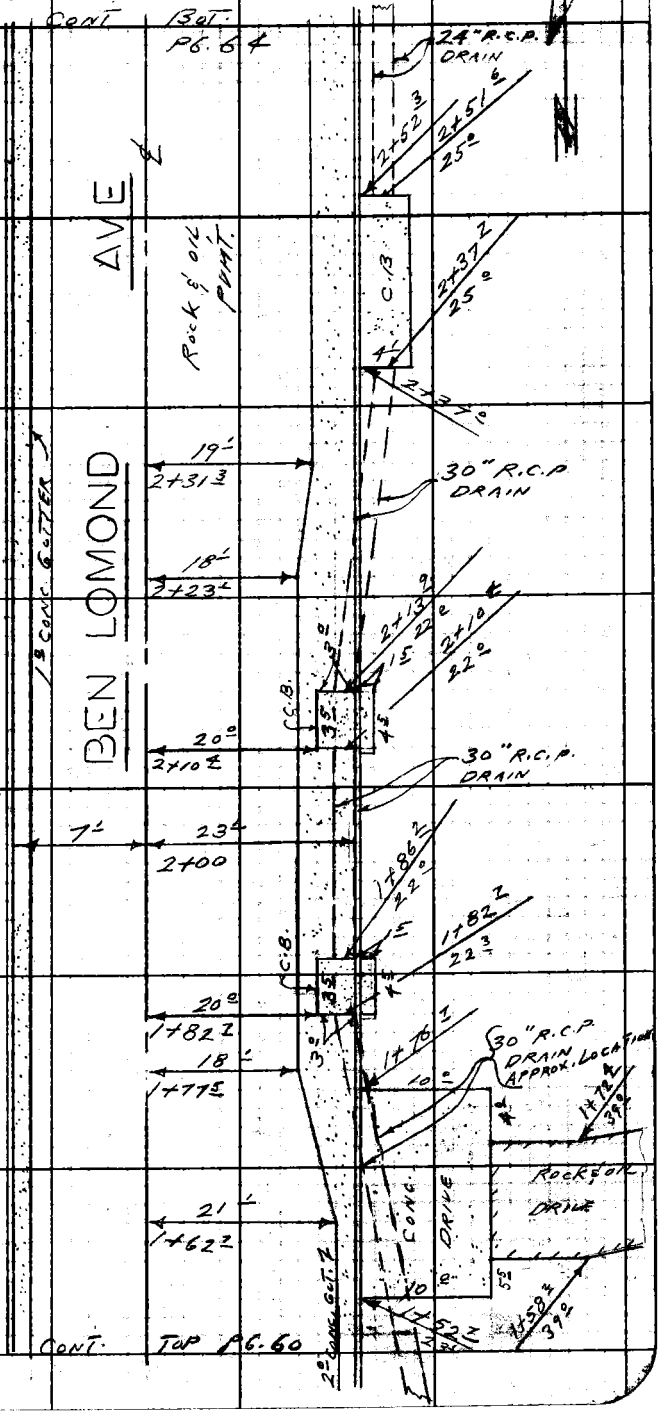


F.B. 3335 PG. 62

Notes Ck'd by	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 6112-17 Tape ____ Std ____ °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-8-66
Date	Indexed G. J. GALLI

F. B. 3335 PG. 63



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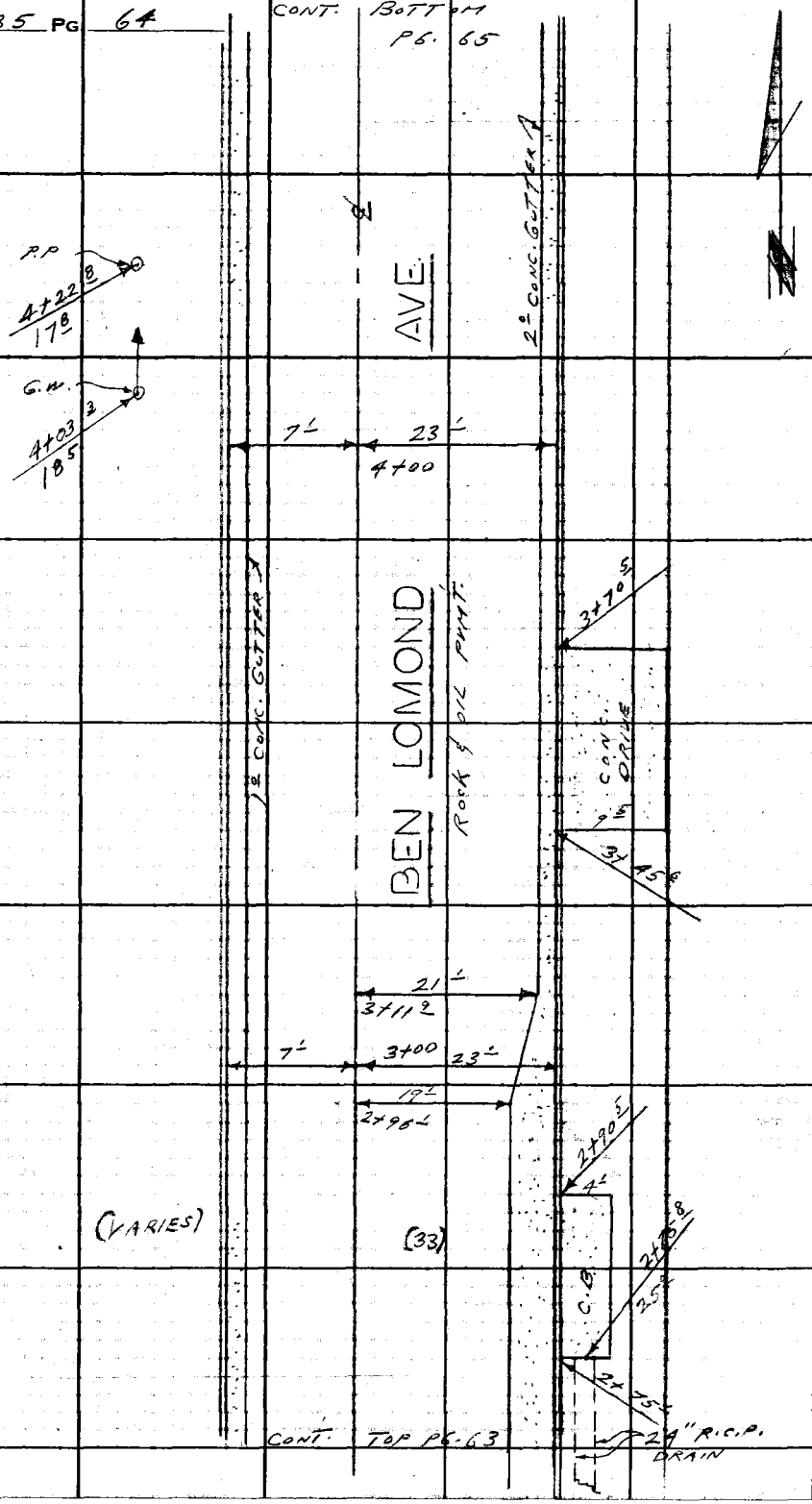
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3093 CE#310 1-65

F. B. 3335 PG 64

CONT. BOTTOM PG. 65



CONT. TOP PG. 63

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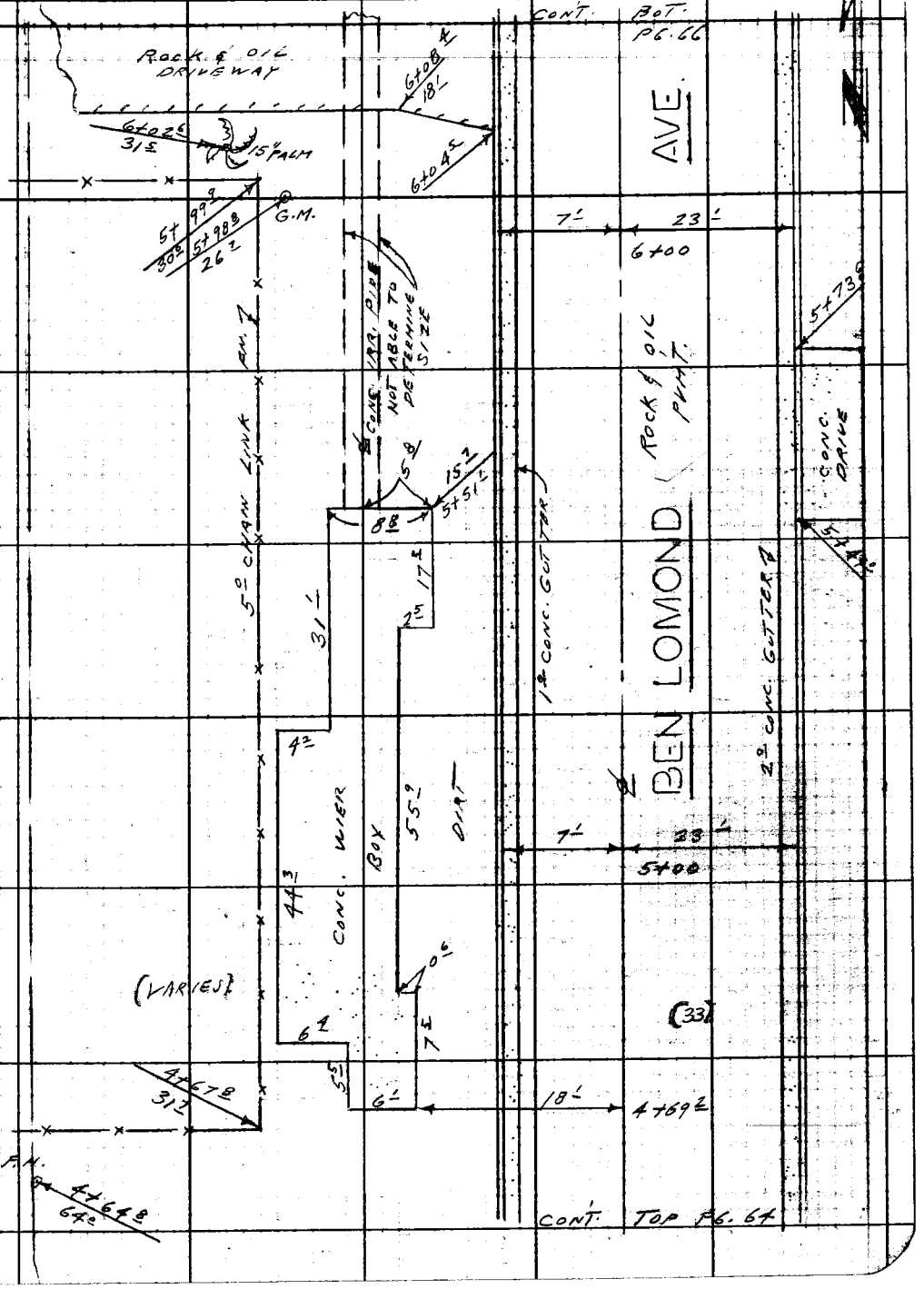
Notes Ck'd by	Survey of BEN LOMOND AVE. S.D.	F. B. 3335 PG. 65
Map No.	JN 6112.17 Tape Std °F	
Office Work	Surveyed by L. L. BROWN	
Checked	Notes L. L. BROWN Date 12-8-66	
Date	Indexed C. J. GALLI	



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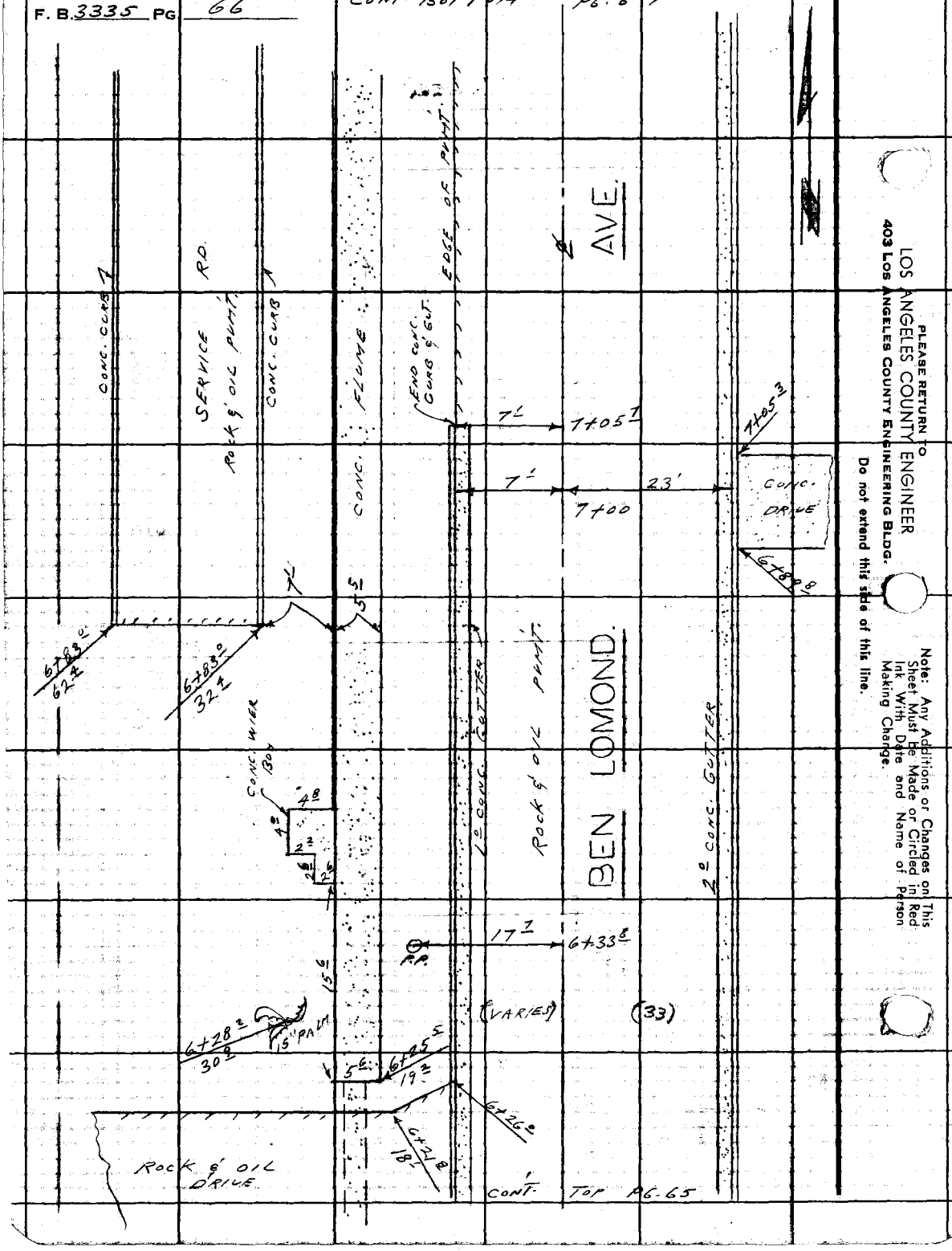
76F309S CE#310 1-65

F. B. 3335 PG 66

CONT. BOTTOM PG. 67



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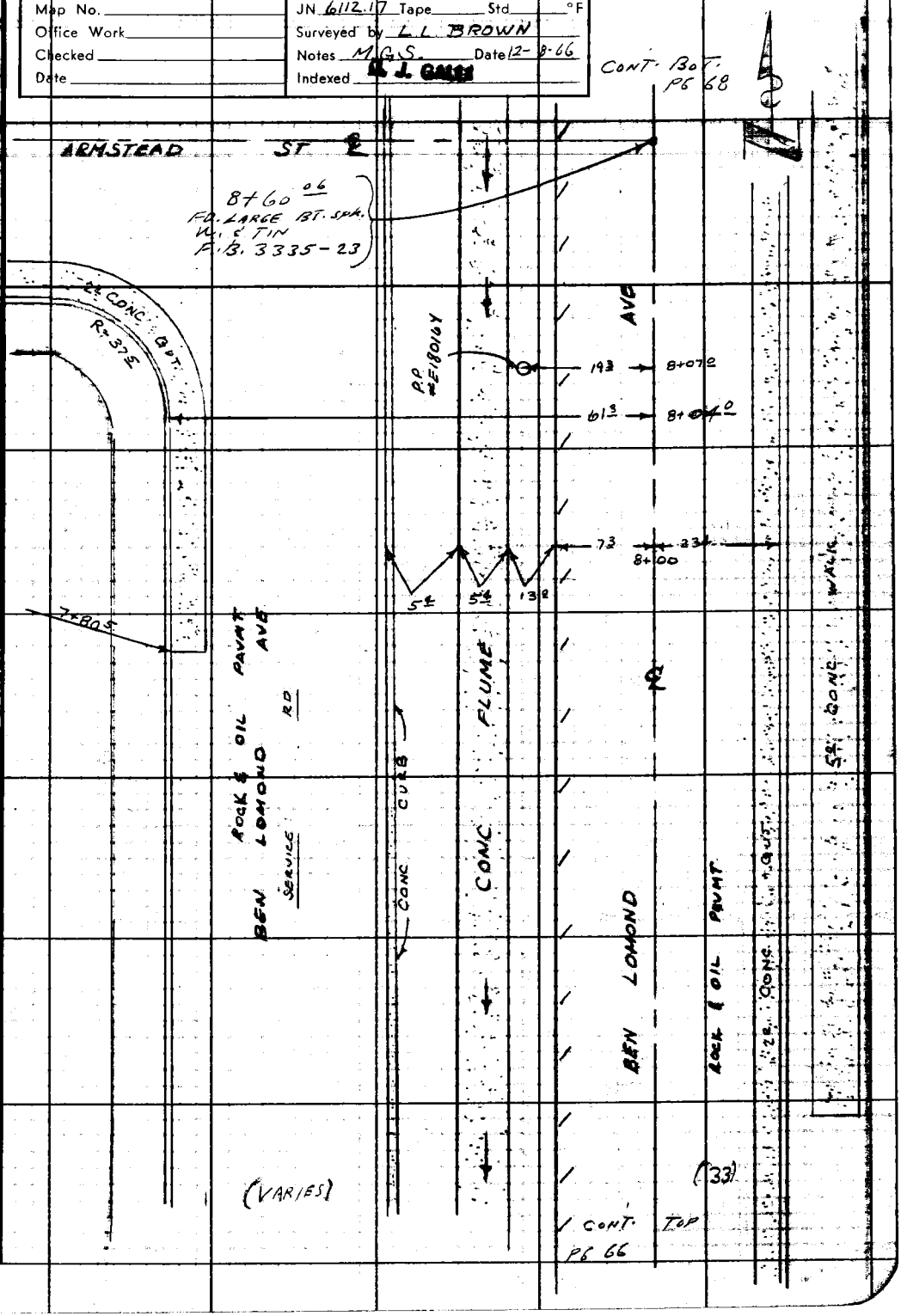
Map No.	JN 6112.17 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes M.G.S. Date 12-8-66
Date	Indexed [illegible]

F. B. 3335 PG. 67



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

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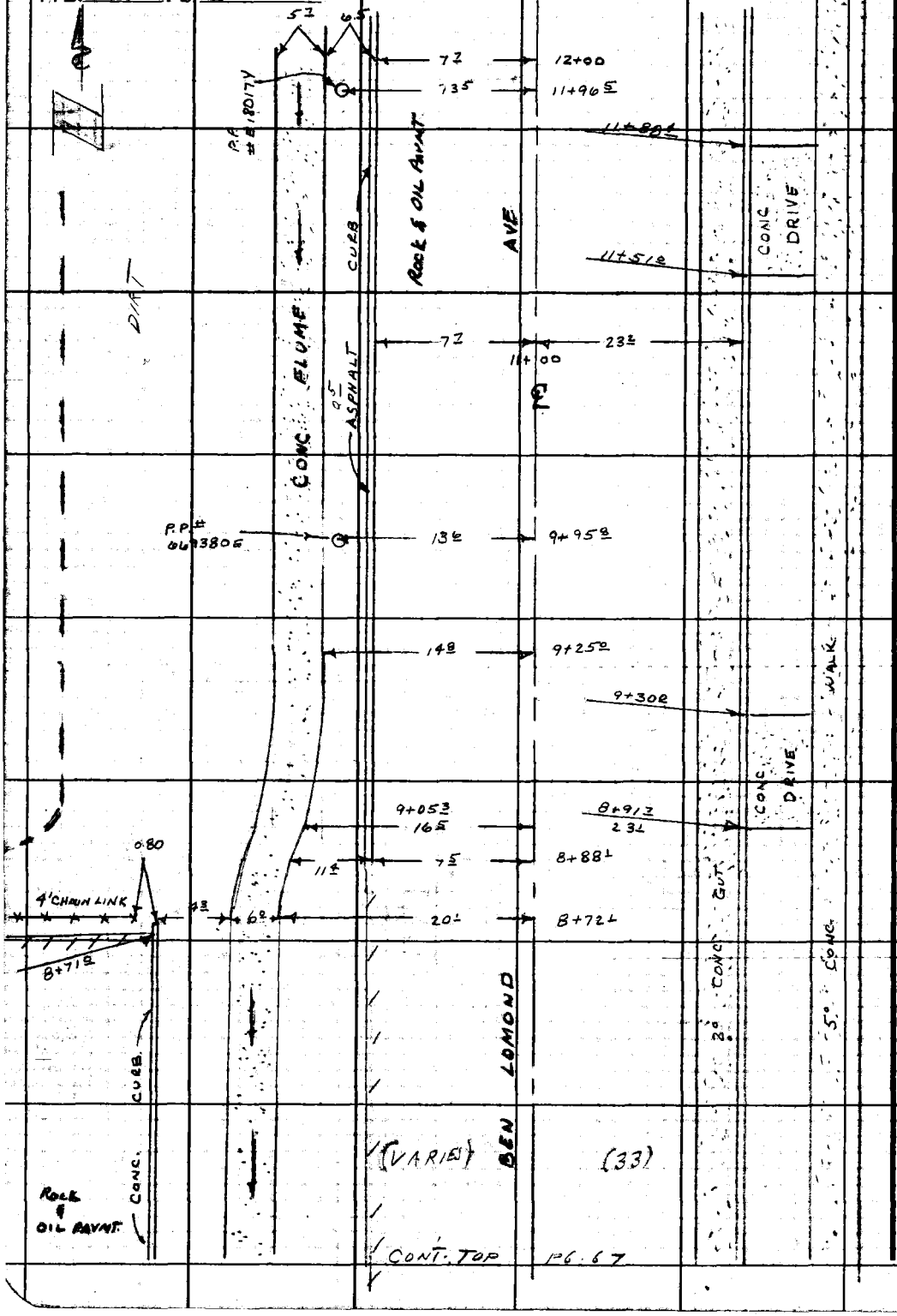
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3335 PG 68

CONT. BOTTOM PG. 69



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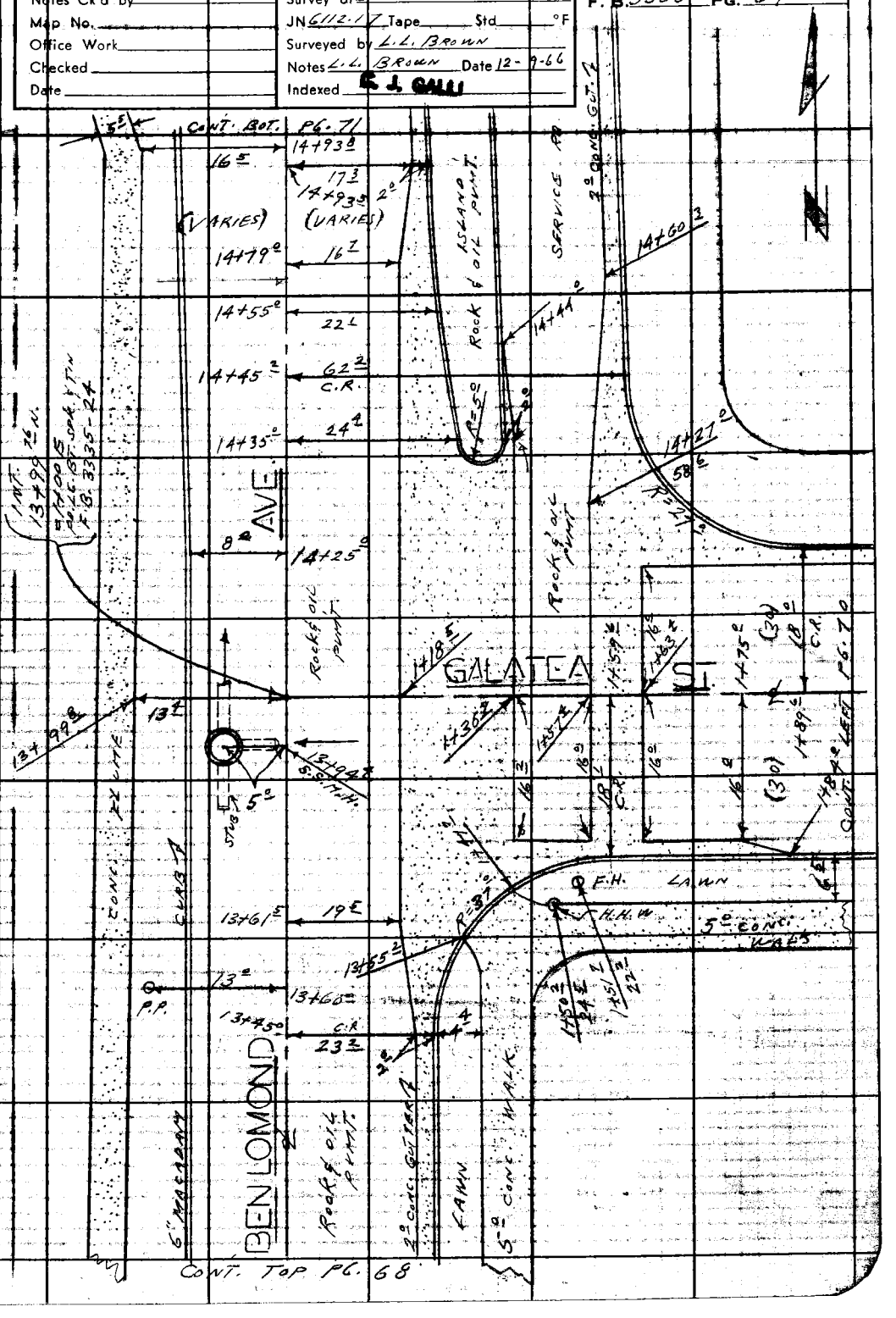
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of BEN LOMOND AVE. S.D.
JN 6112-17 Tape Std °F
Surveyed by L.L. BROWN
Notes L.L. BROWN Date 12-9-66
Indexed R. J. GALLI

F. B. 3335 PG. 69



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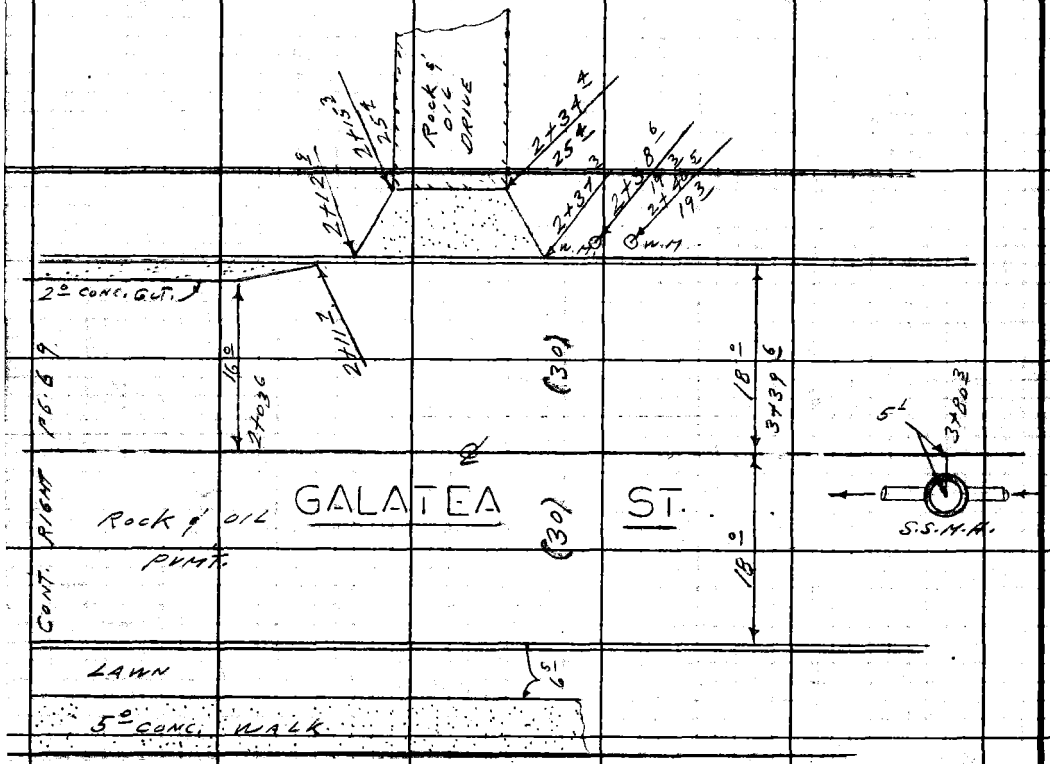
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3335 PG. 70



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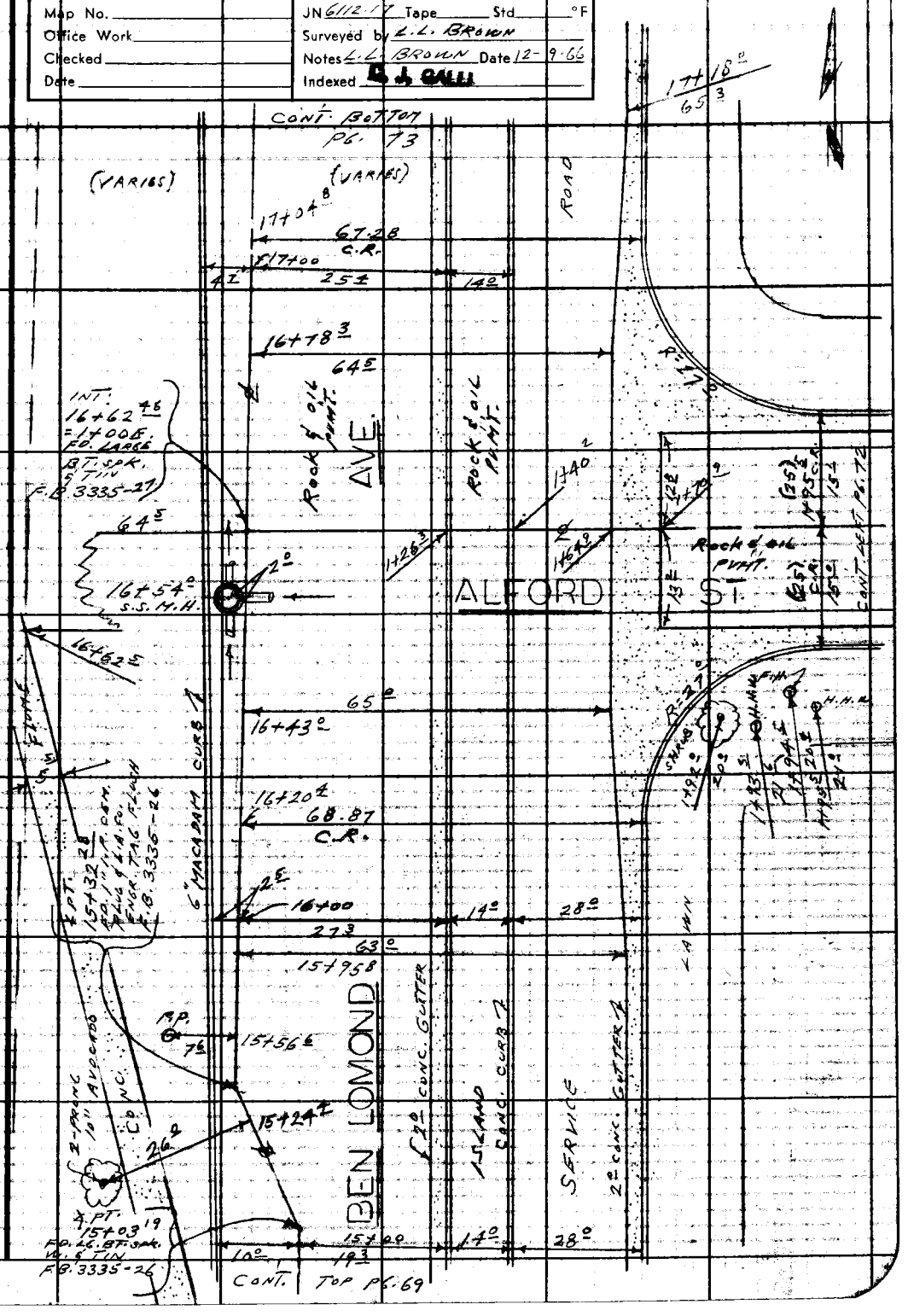
Notes Ck'd by	Survey of BEN LOMOND AVE. S.D.
Map No.	JN 6112-17 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-9-66
Date	Indexed L.J. CALLI

F. B. 3335 PG. 71



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

Do not extend this side of this line.

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

6F309S CE#310 1-65

F. B. 3335 PG. 72

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

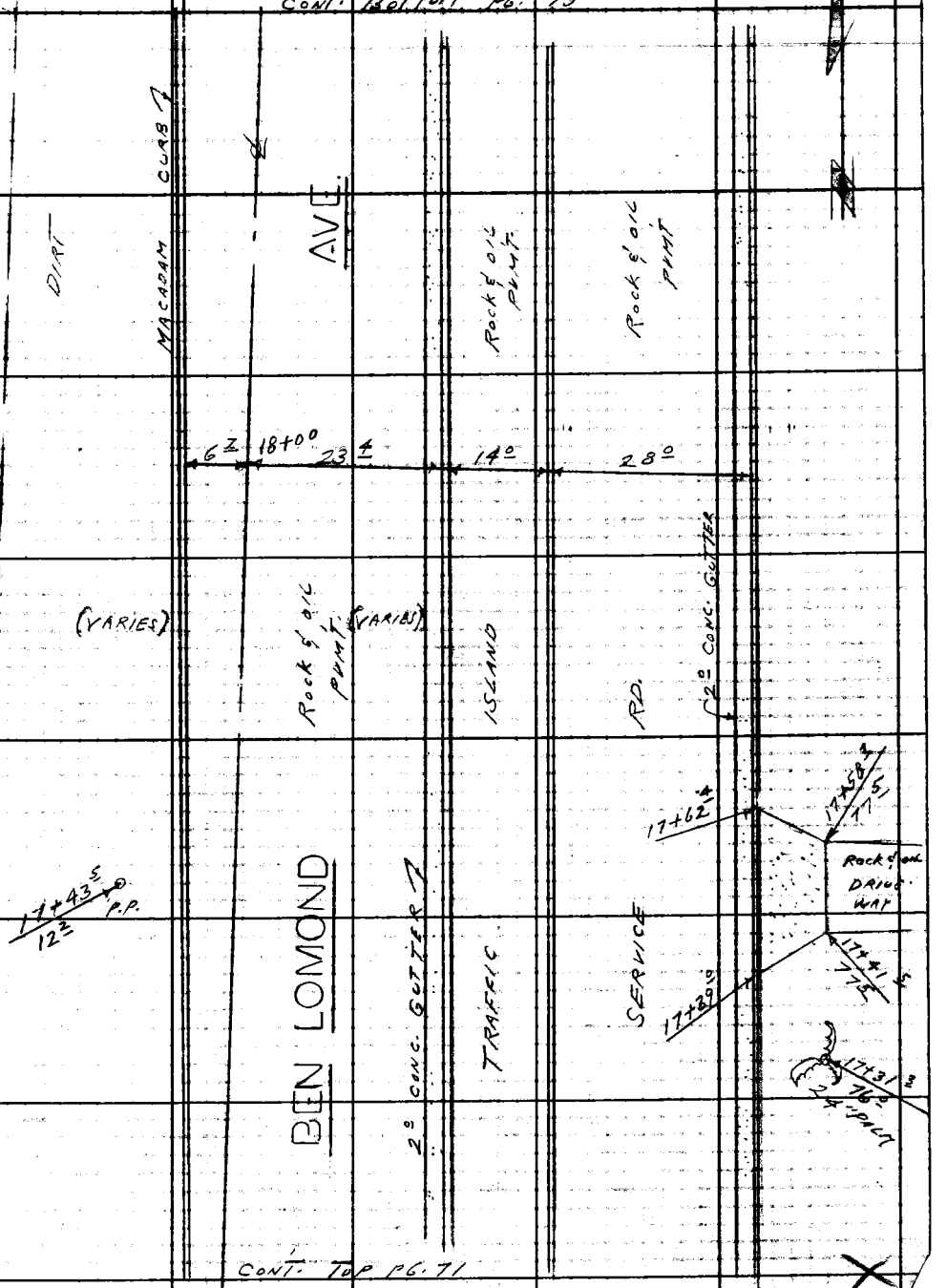
Do not extend this side of this line.

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 BEN LOMOND AVE S.O.
Map No.	JN 61121.7 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-9-66
Date	Indexed

F. B. 3335 PG. 73

CONT. BOTTOM PG. 75



CONT. TOP PG. 71

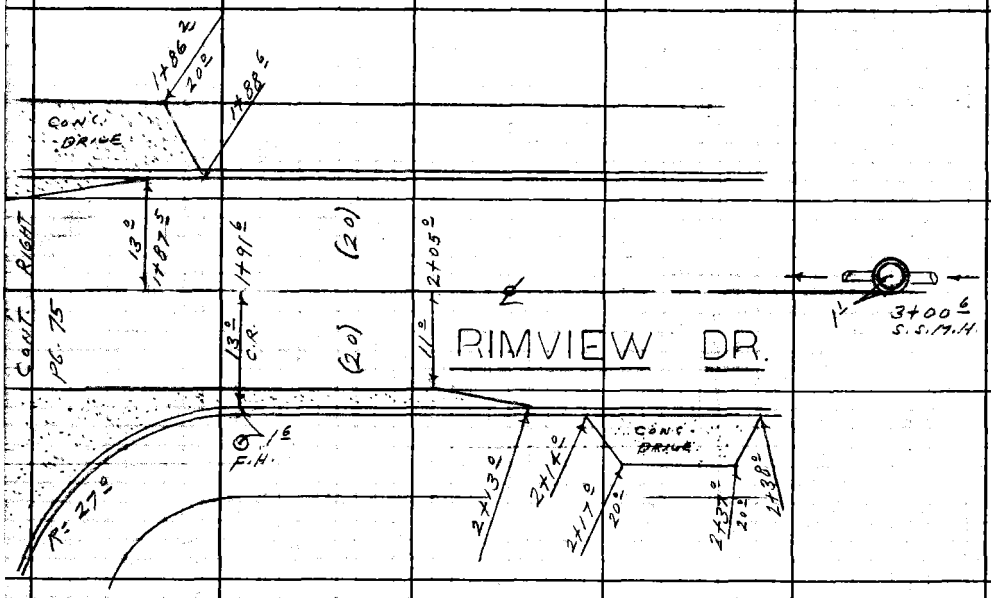
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 1-65

F. B. 3335 PG 74



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

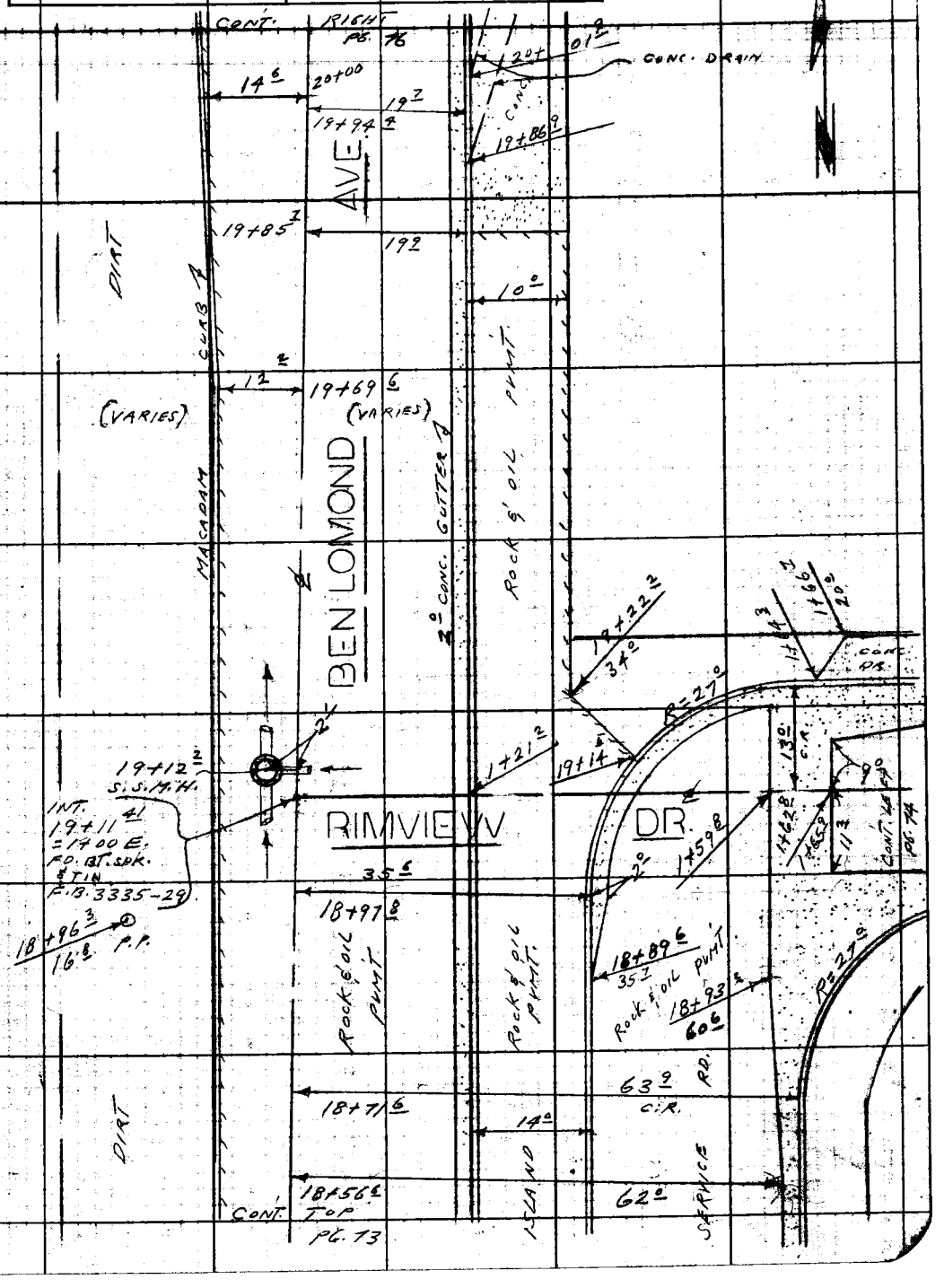
Do not extend this side of this line.

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
Map No.
Office Work
Checked
Date

Survey of BEN LOMOND AVE. SD.
JN 6112.17 Tape Std °F
Surveyed by L. L. BROWN
Notes L. L. BROWN Date 12-9-66
Indexed [redacted]

F. B. 3335 PG. 75



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

Do not extend this line of this line.

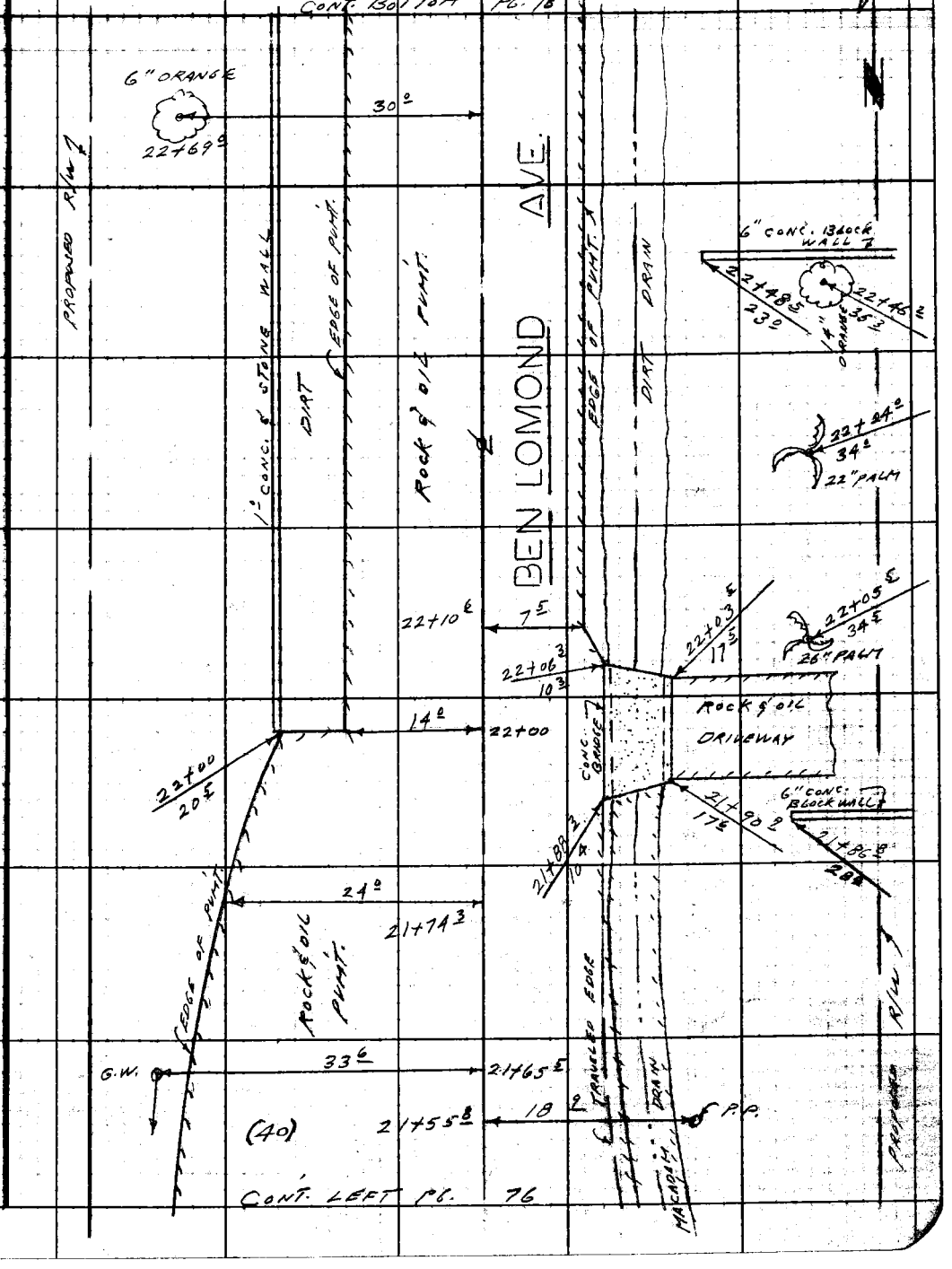
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7GF309S CE#310 1-85

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
PLEASE RETURN TO
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 BEN LOMOND AVE. S.D.
Map No.	JN 6112.17 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-12-66
Date	Indexed G.J. GALLI

F. B. 3335 PG. 77

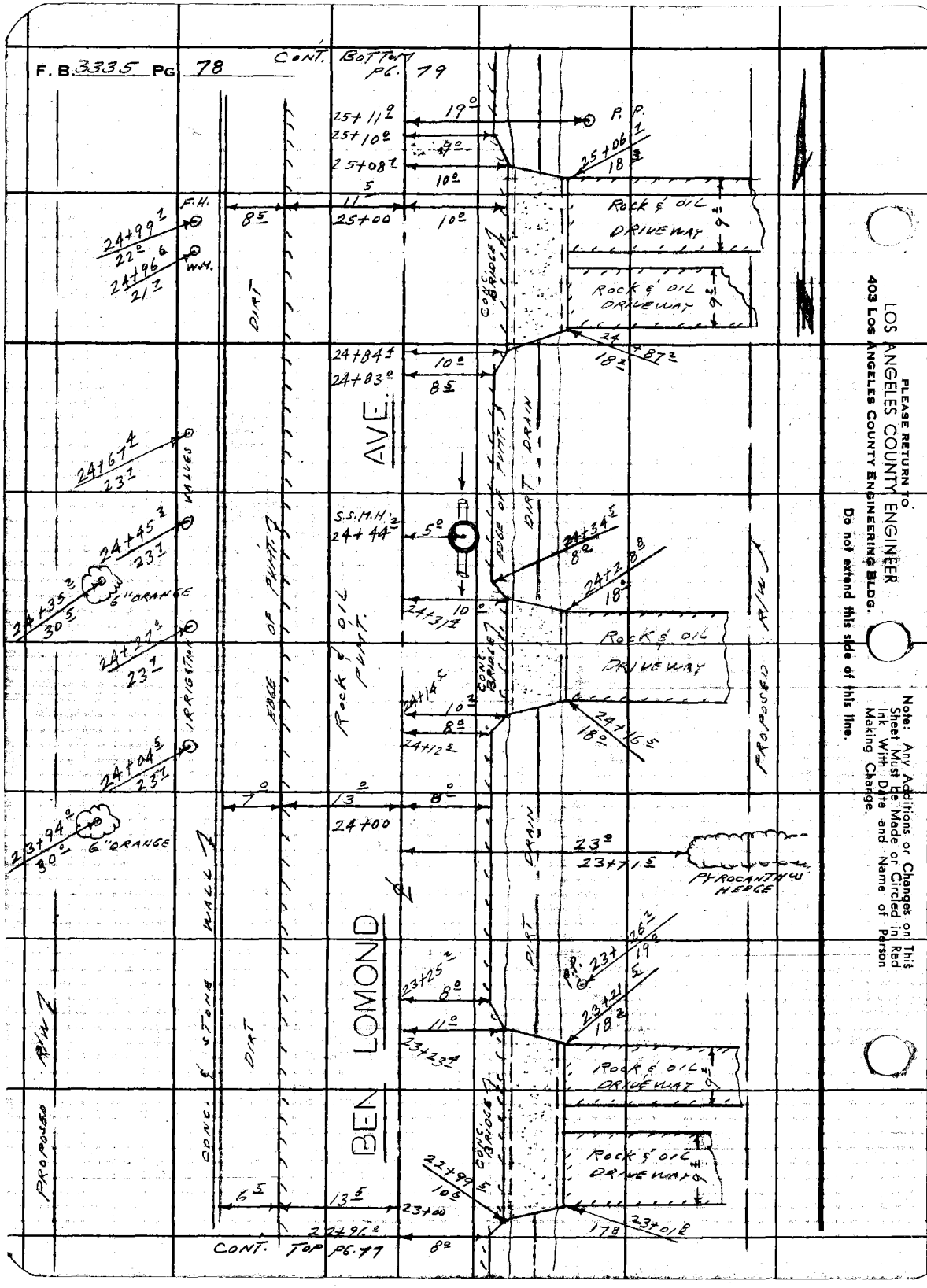


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

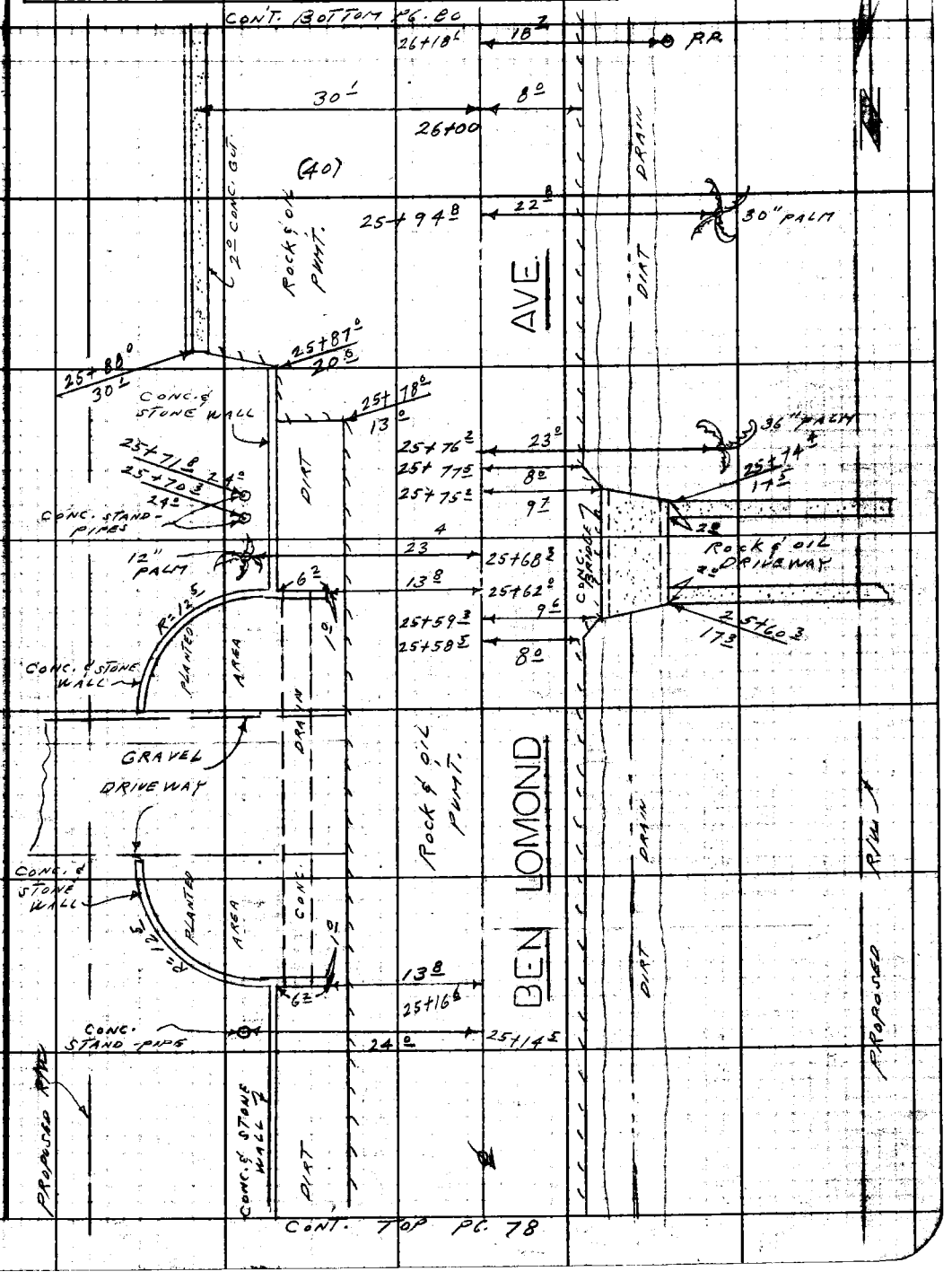
76F309S CE#310 1-65



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 BEN LOMOND ALG. S.D.
Map No.	JN 61121.17 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-12-66
Date	Indexed G. J. GALLI

F. B. 3335 PG. 79



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

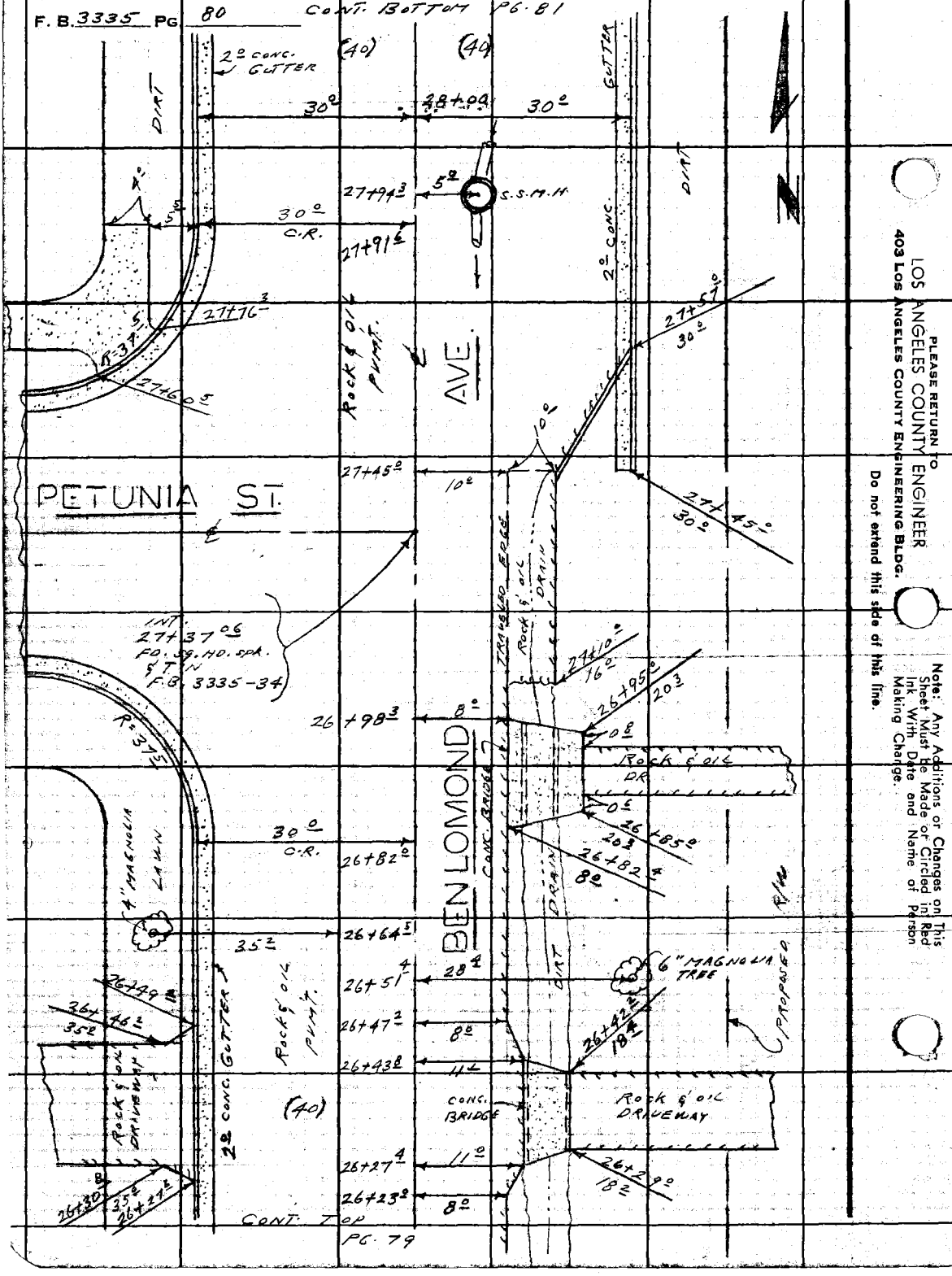
Do not extend this side of this line.

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

76F309S CE#310 1-65

F. B. 3335 PG 80

CONT. BOTTOM PG. 81



CONT. TOP PG. 79

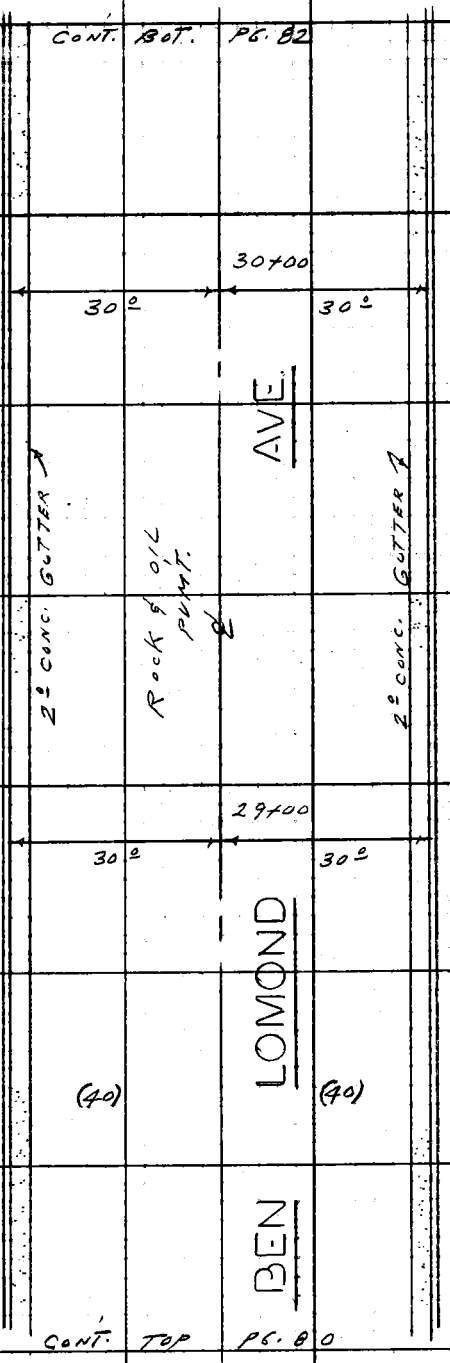
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 BEN LOMOND AVE. S.D.
Map No.	JN 6112.17 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L. BROWN Date 12-12-66
Date	Indexed E. J. GALLA

F. B. 3335 PG. 81



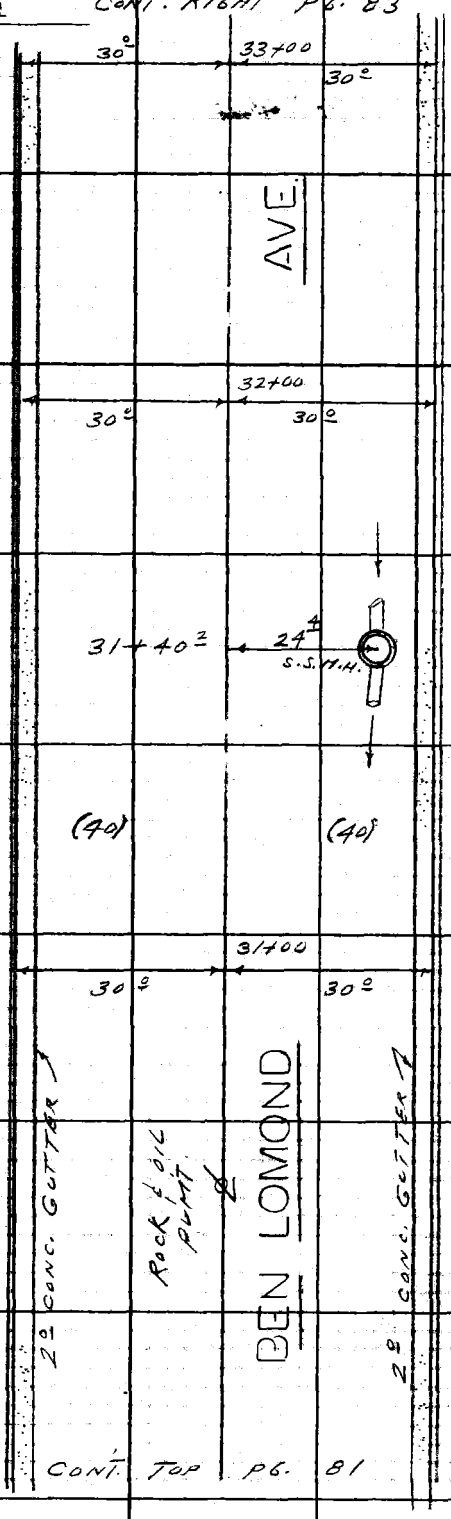
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

76F309S CE#310 1-65

F. B. 3335 PG. 82

CONT. RIGHT PG. 83



CONT. TOP PG. 81

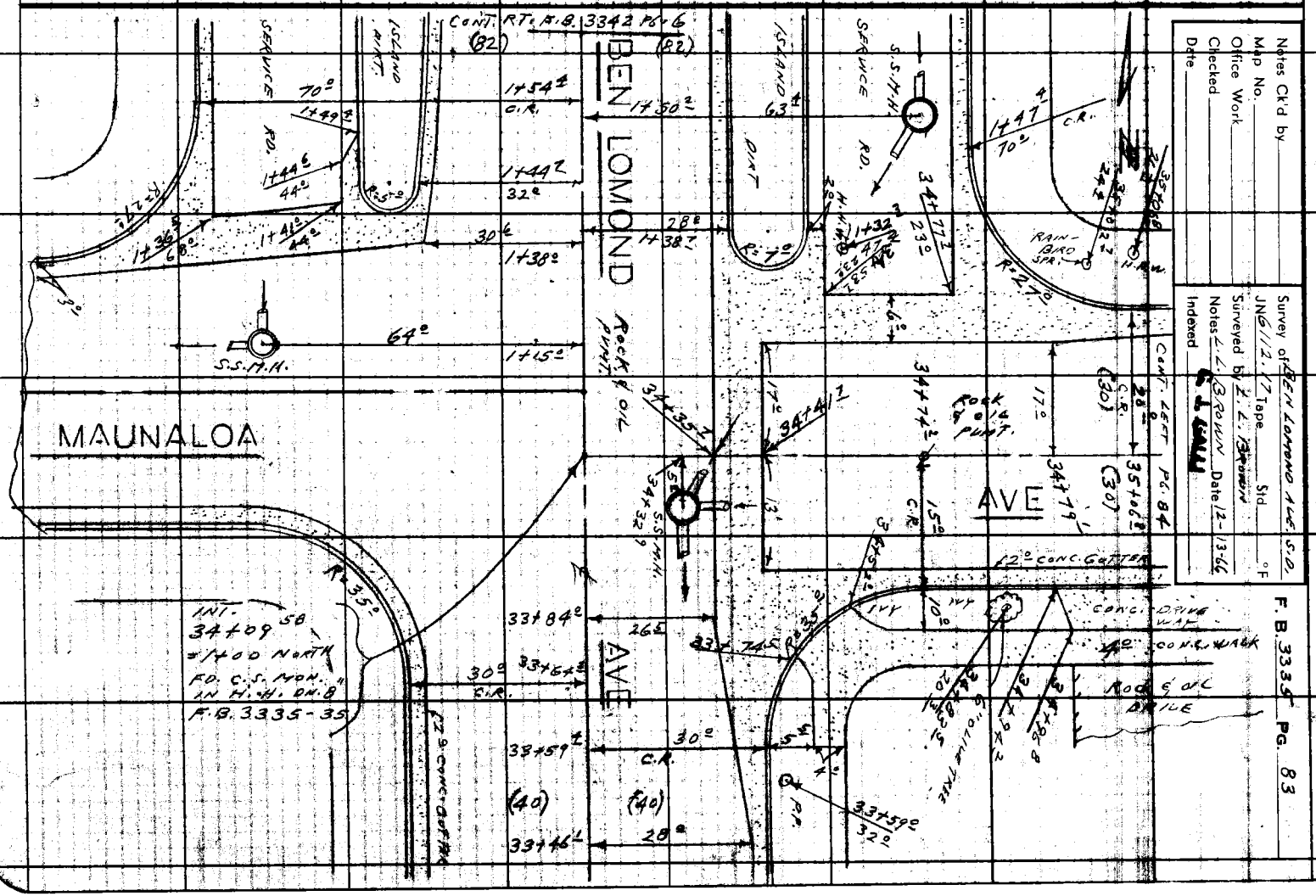
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
PLEASE RETURN TO
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

76F309S CE#310 1-65

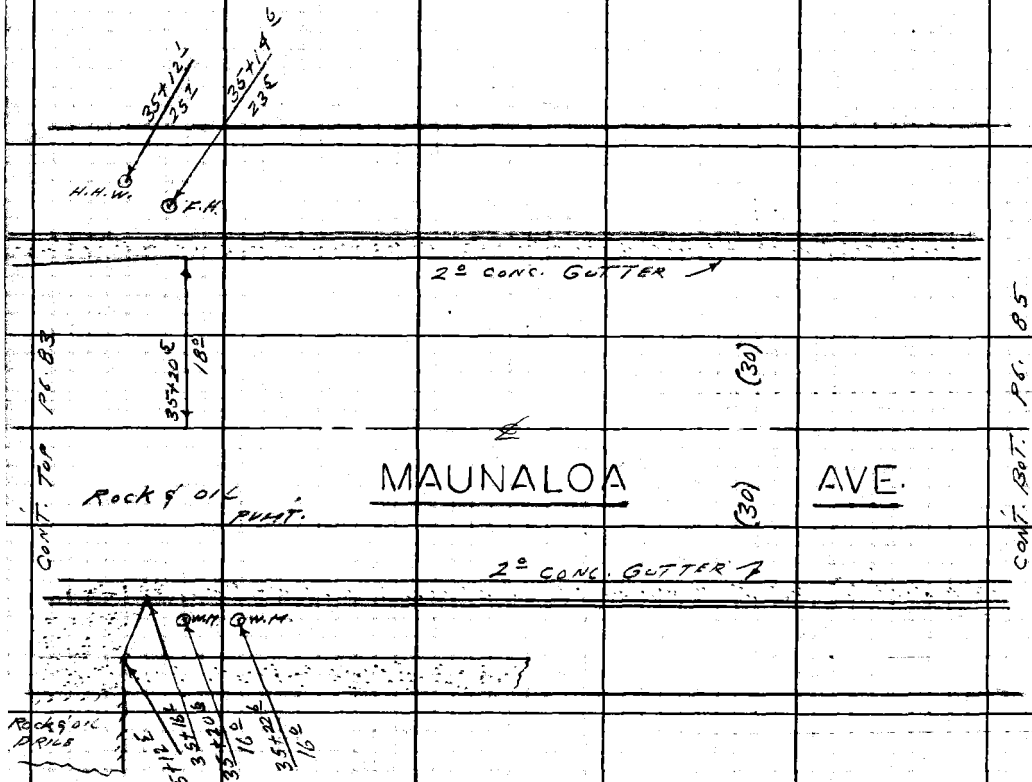
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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. 3335 PG. 84

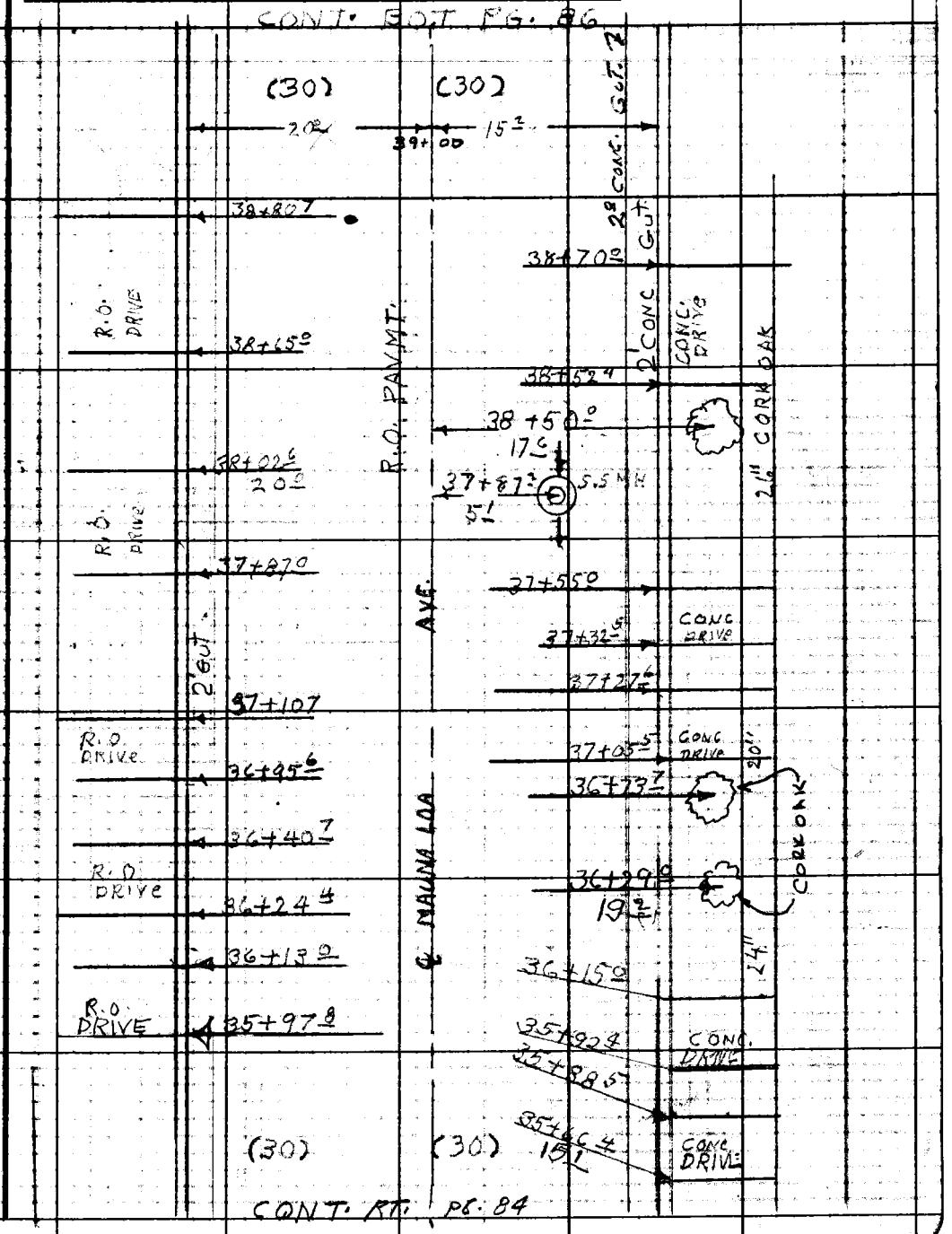


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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 BEN LOMOND AVE.
Map No.	JN611247 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes S.S.M. Date
Date	Indexed G. J. [illegible]

F. B. 3735 PG. 85

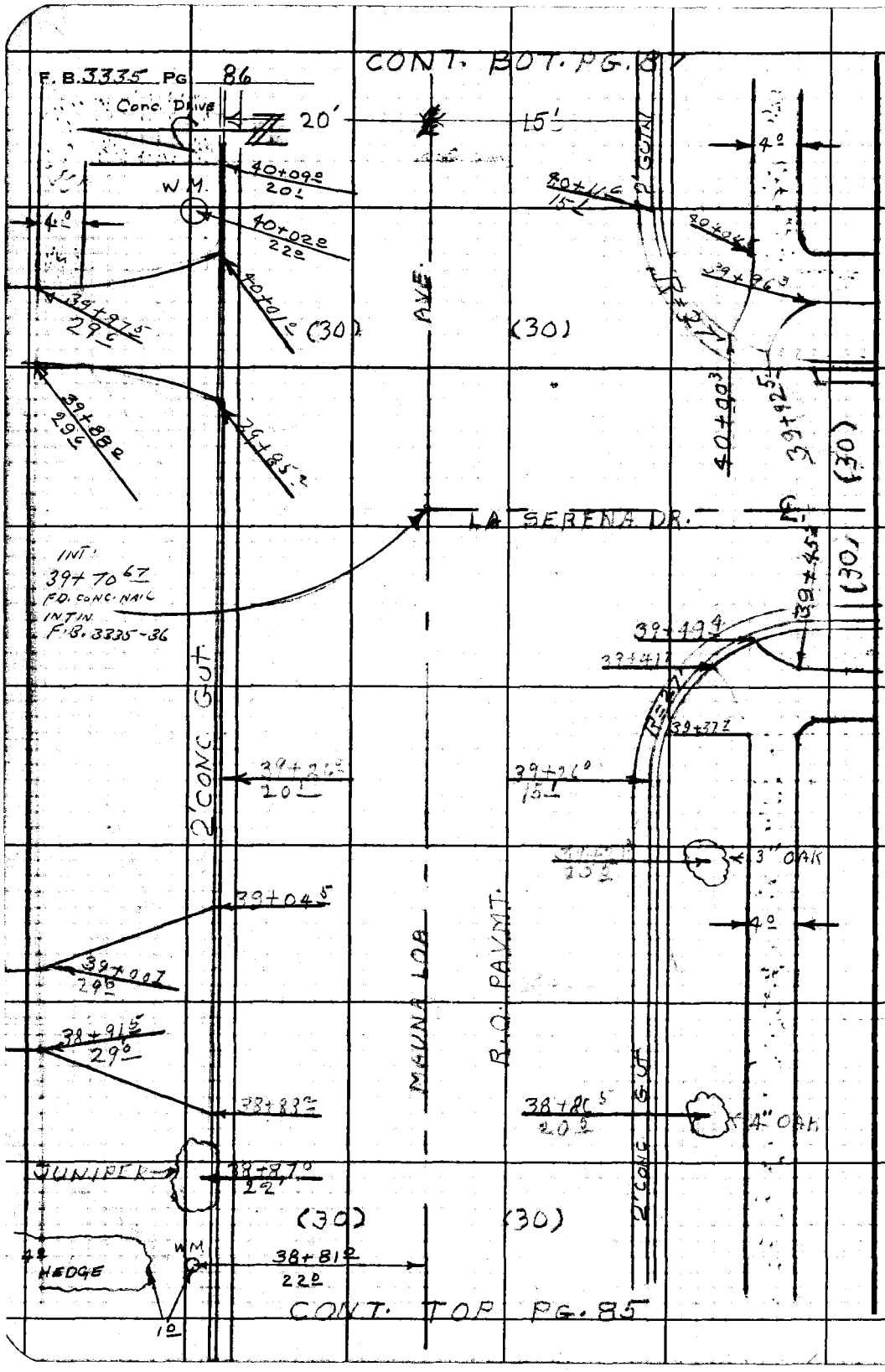


Notes: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this line beyond this line.

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

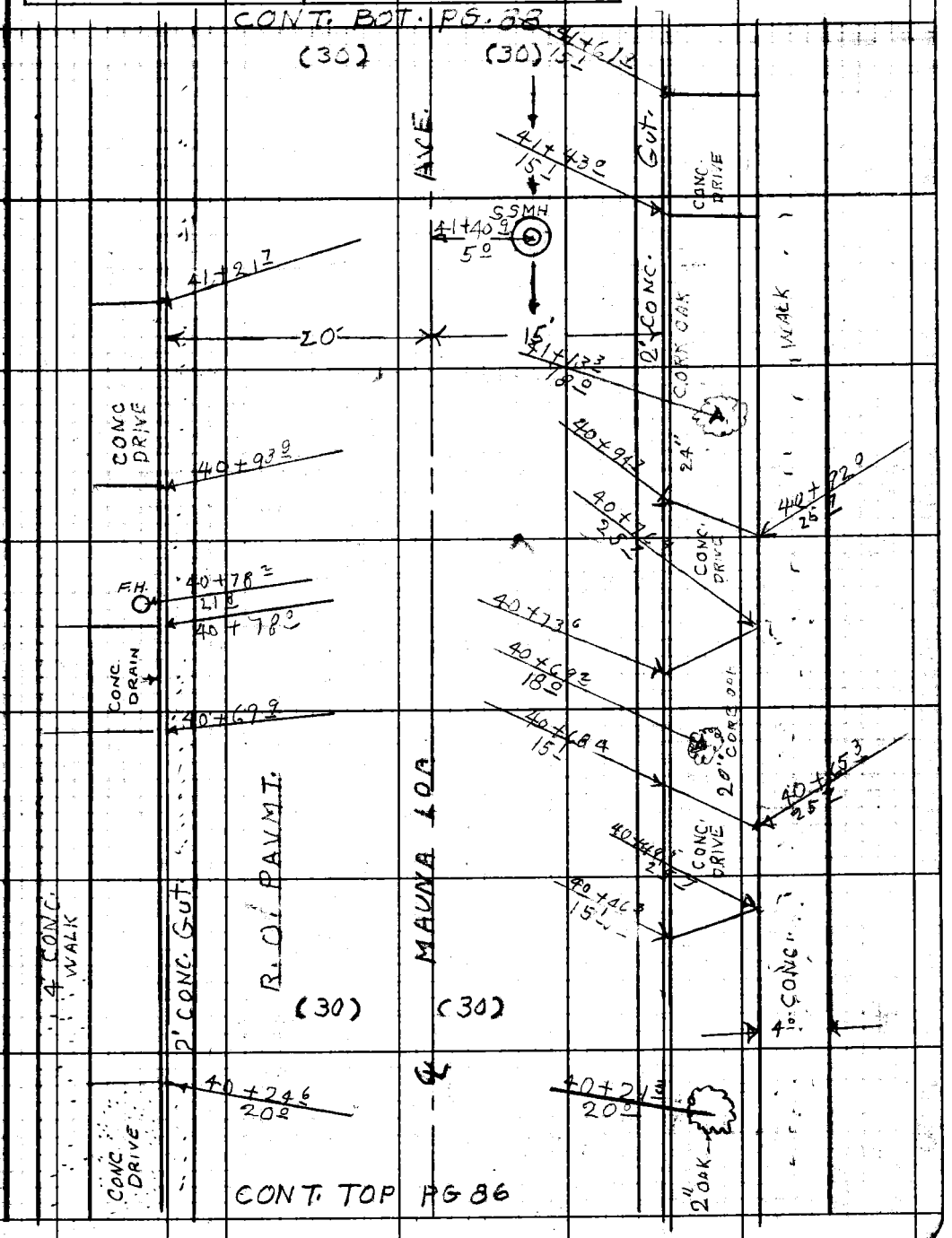
76F309S CE#310 1-85



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 BEN LOMOND AVE S.D.	F. B. 3335 PG. 87
Map No.	JN 611247 Tape Std °F	
Office Work	Surveyed by L.L. BROWN	
Checked	Notes G.R.M. Date	
Date	Indexed E. J. GALLI	

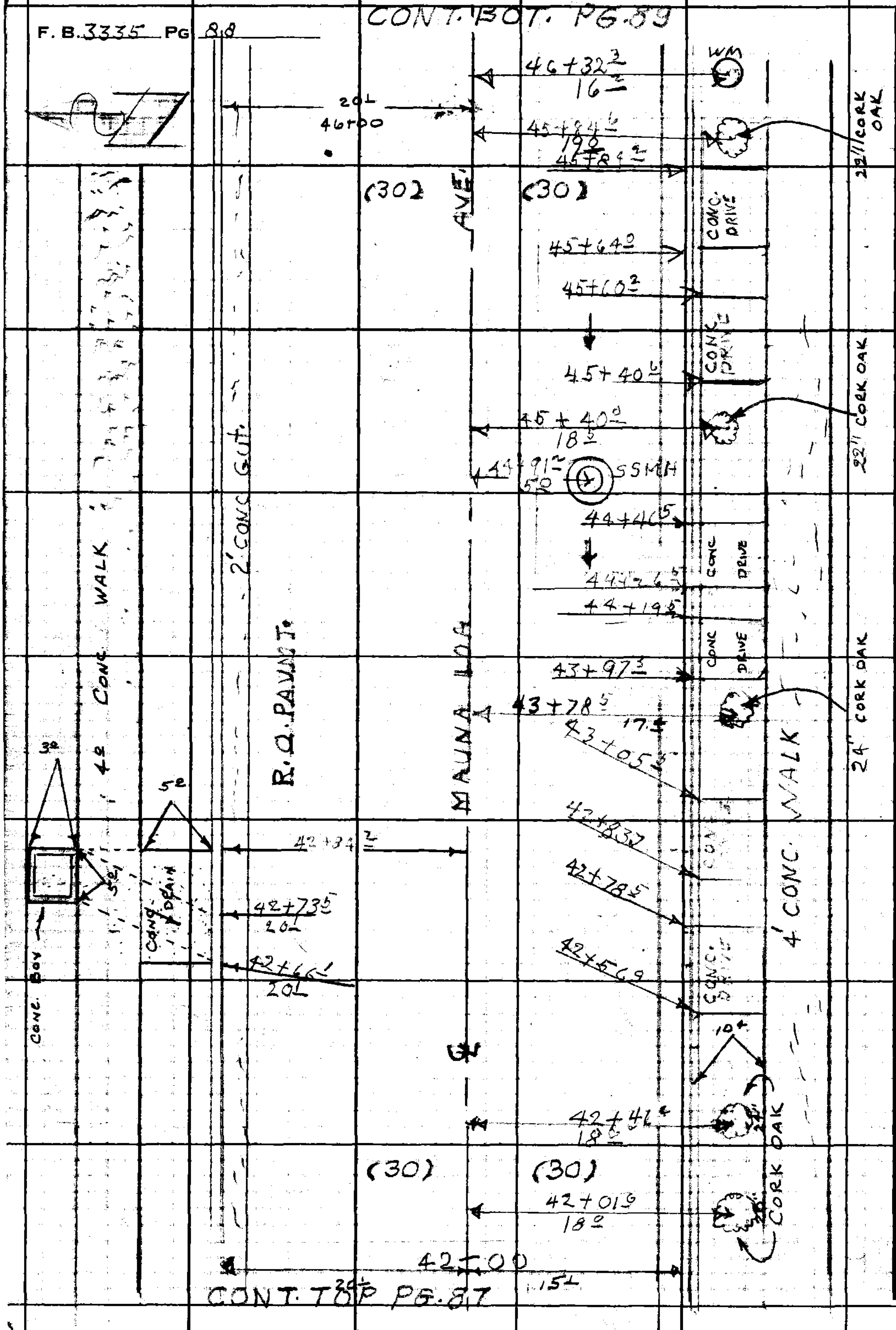


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

76F309S CE#310 1-65

F. B. 3335 PG 88



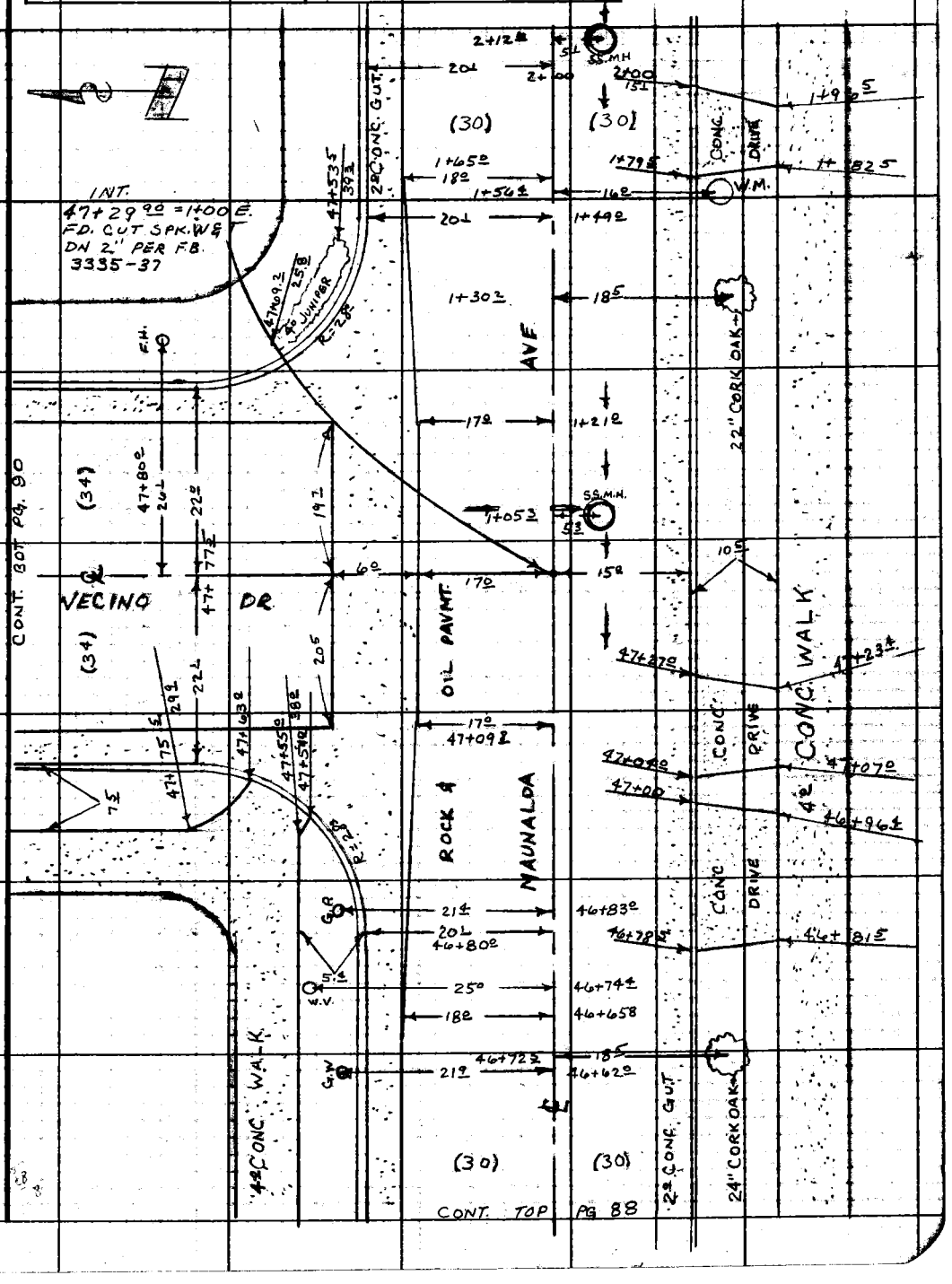
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 BENLOMOND AVE S.D.
Map No.	JN 6112.17 Tape Std °F
Office Work	Surveyed by L. L. BROWN
Checked	Notes M.G.S. Date 12-13-66
Date	Indexed C. J. GALLE

F. B. 3335 PG. 89

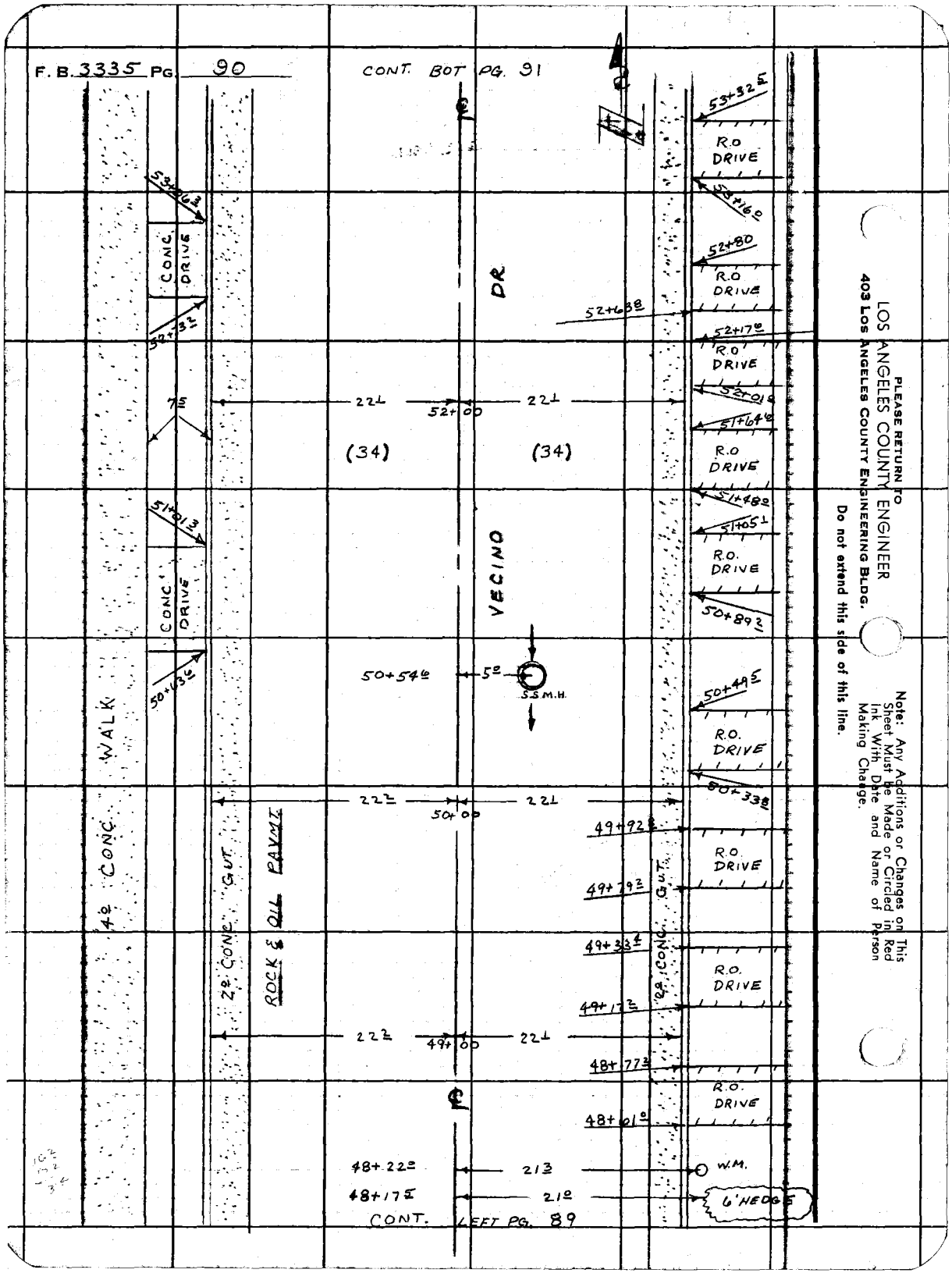


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S CE#310 1-65



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

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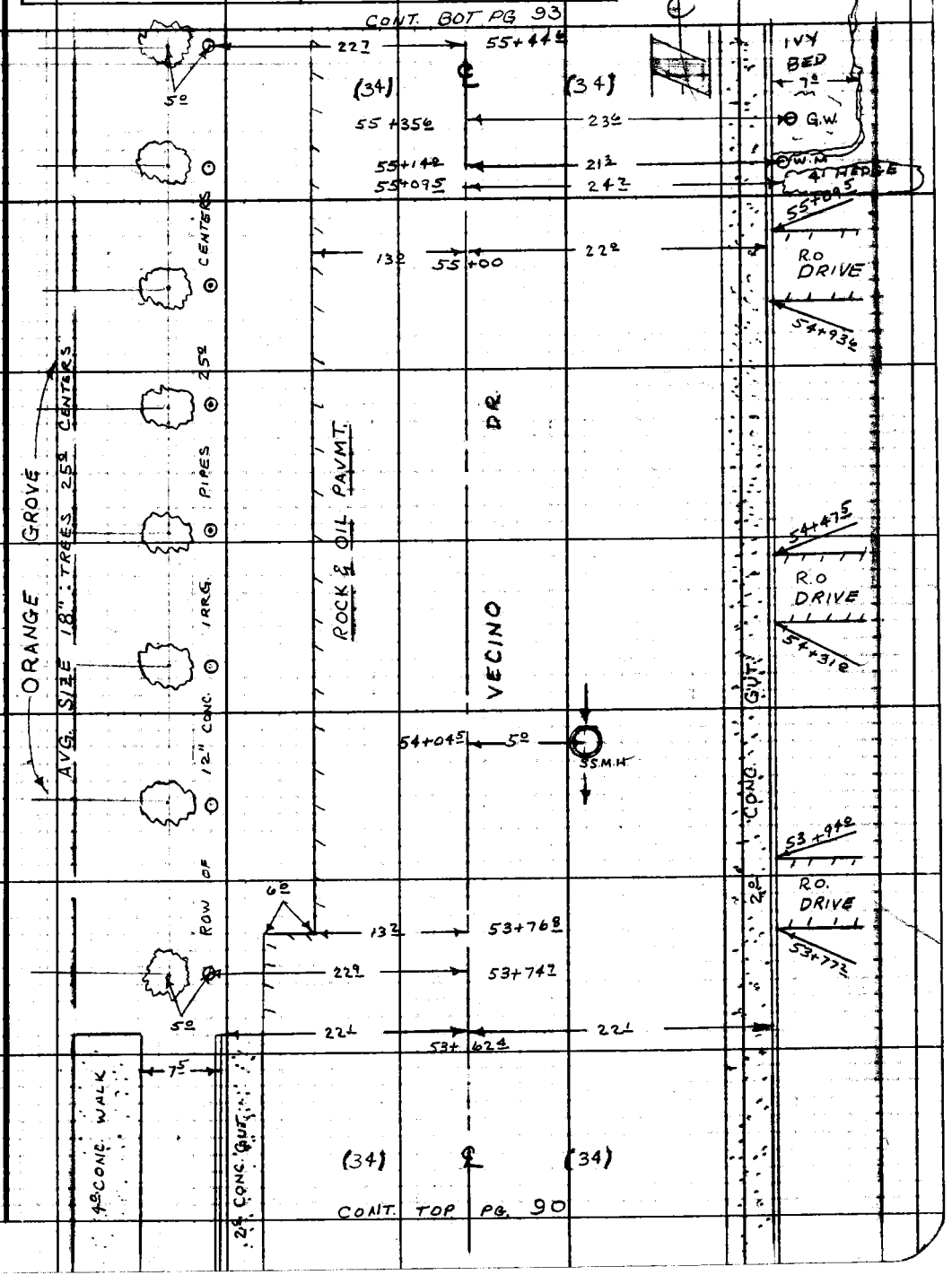
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of BEN LOMOND AVE S.D
Map No.	JN 6112.17 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes M.G.S. Date 12-13-66
Date	Indexed G. J. GALLI

F. B. 3335 PG. 91



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

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

76F309S CE#310 1-65

F. B. 3335 PG 92

BLANK

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403 Los Angeles County Engineering Bldg.

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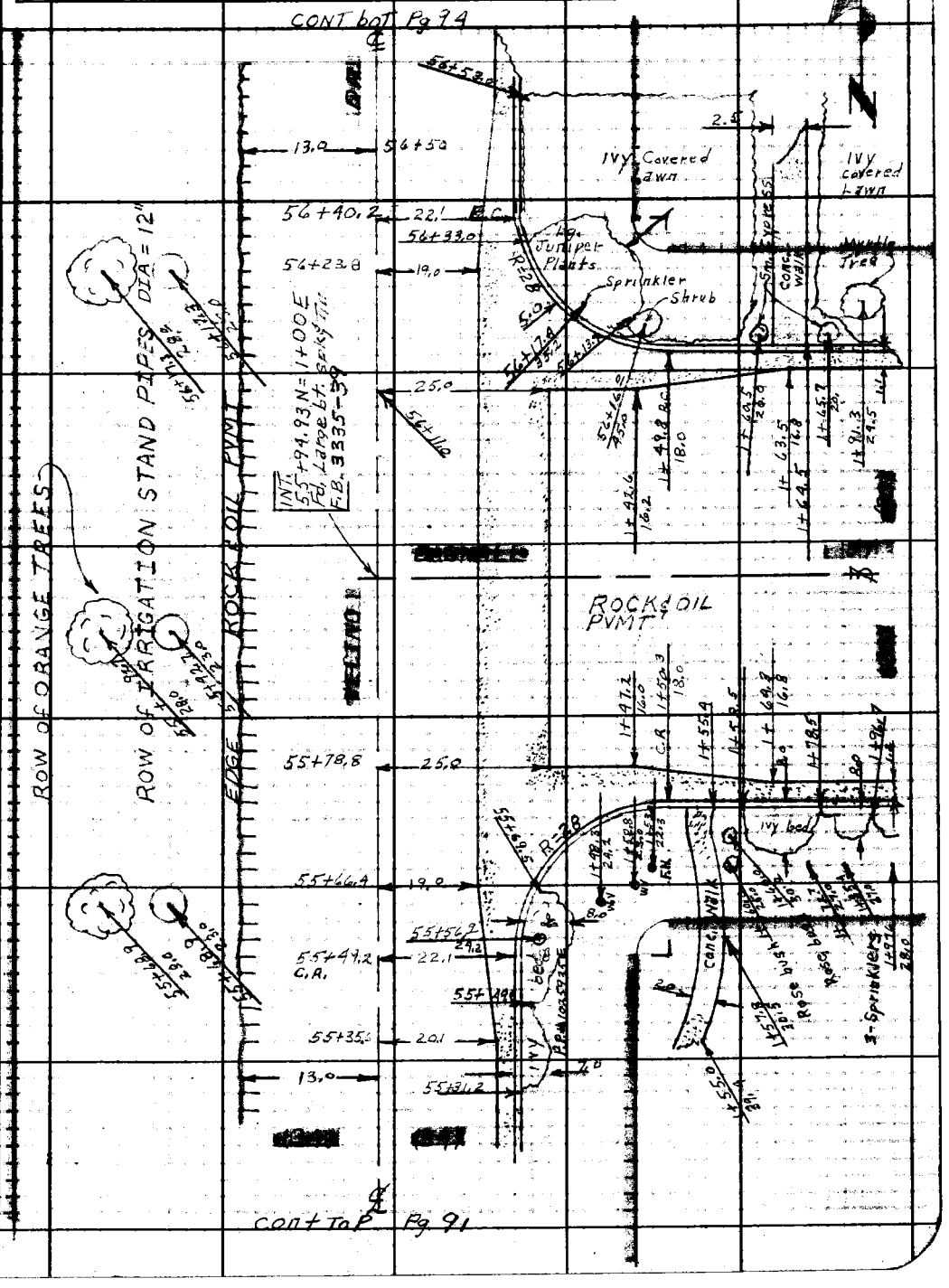
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Ben Lomond S.D	F. B. 3335 PG. 93
Map No.	JN 6112.17 Tape Std °F	
Office Work	Surveyed by L.L. Brown	
Checked	Notes W.A. Moodyman Date 12/66	
Date	Indexed [illegible]	



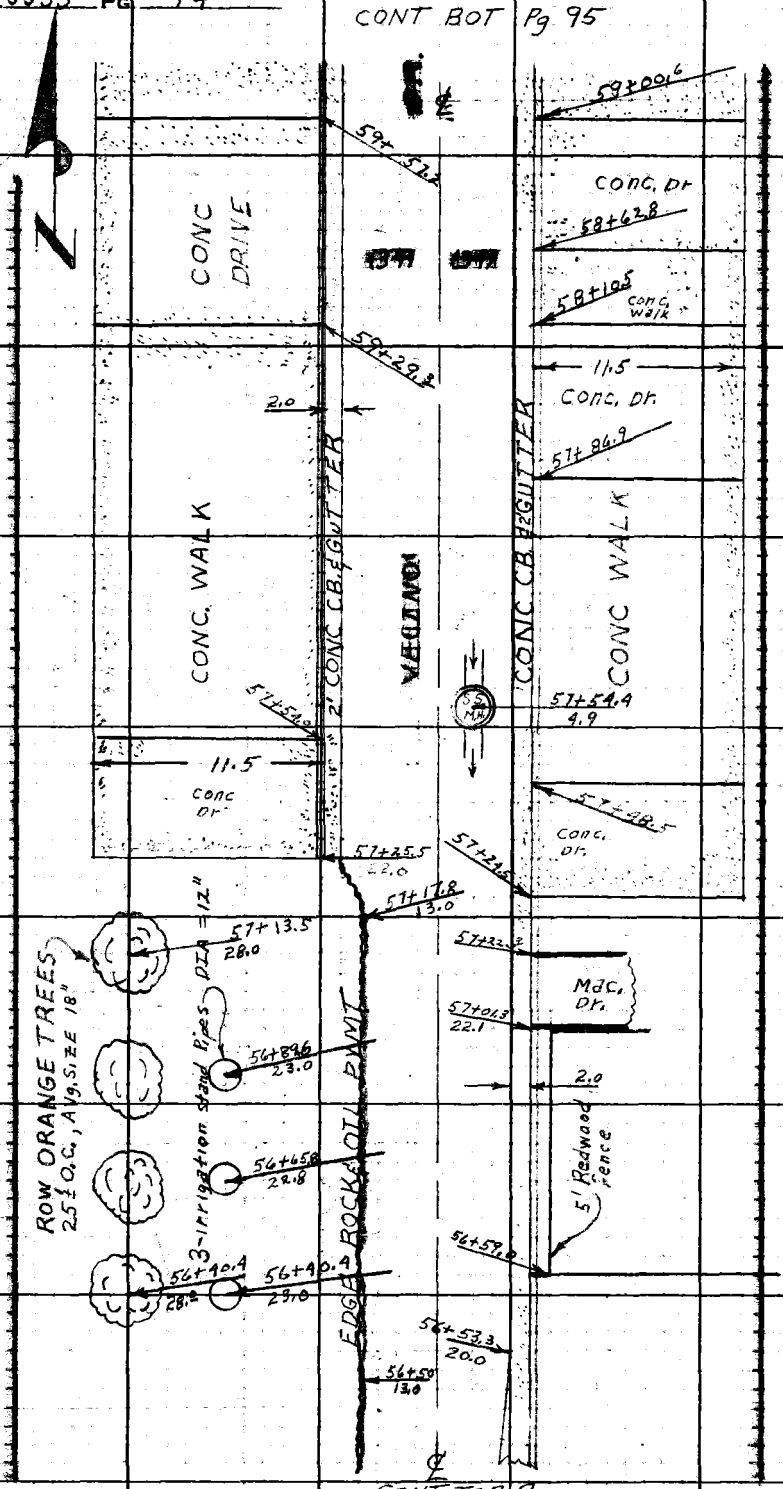
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

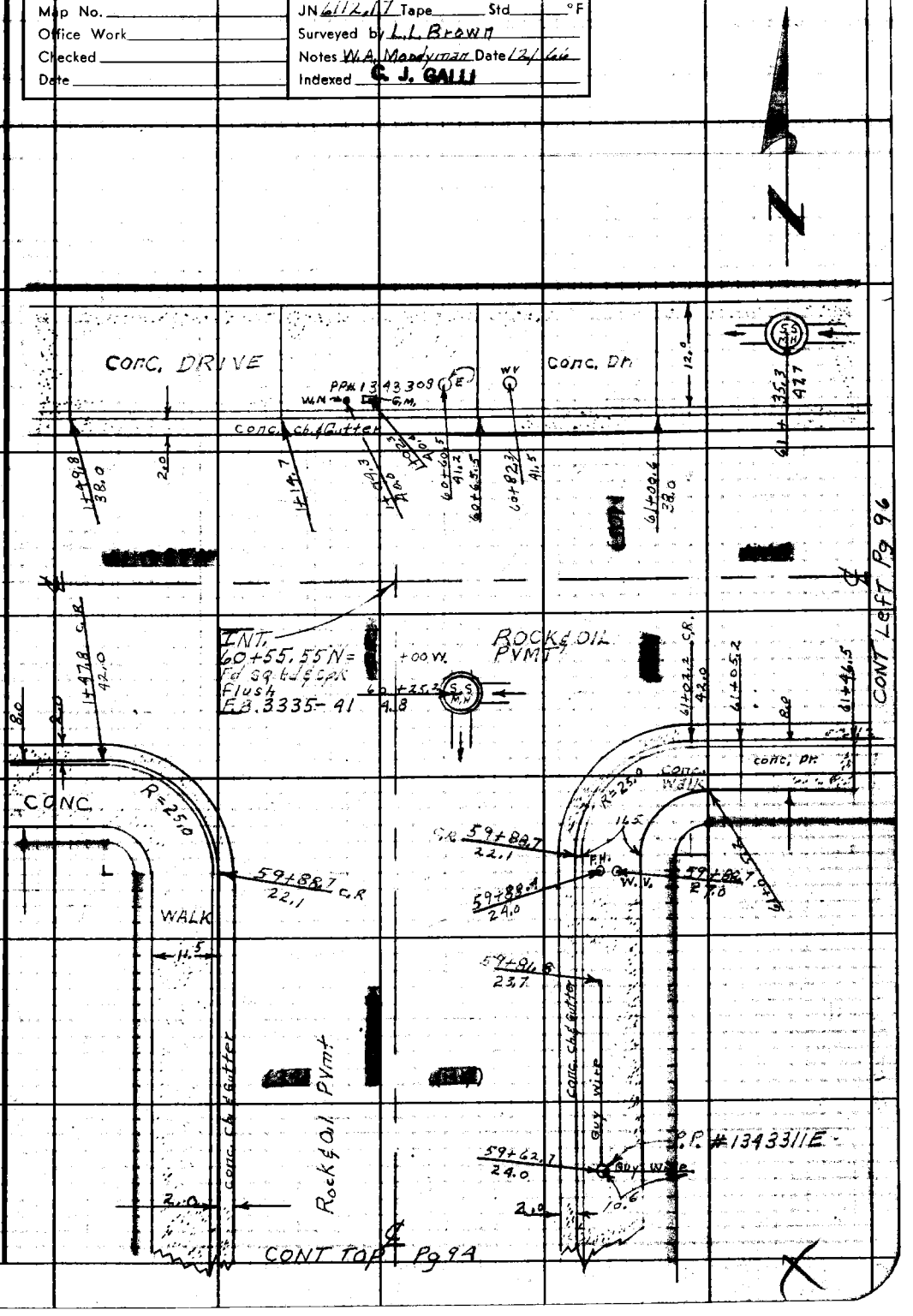
76F309S CE#310 1-65

F. B. 3335 PG. 94



LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
PLEASE RETURN TO
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 Ben Lamond S.P.	F. B. 3335	PG. 95
Map No.	JN 61/2.1/7 Tape Std °F		
Office Work	Surveyed by L.L. Brown		
Checked	Notes W.A. Mandyman Date 12/66		
Date	Indexed C. J. GALLI		



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

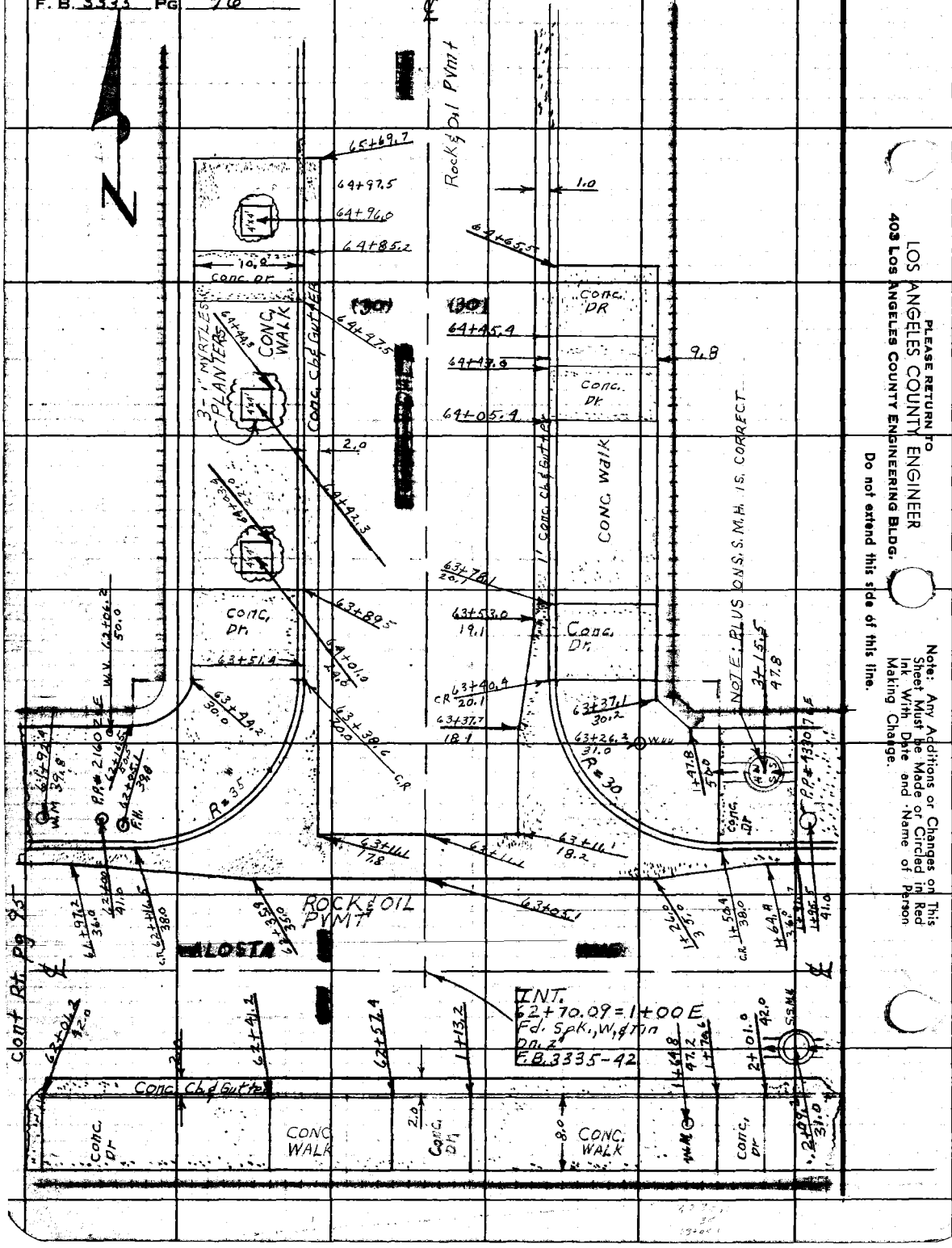
Do not extend this side of this line.

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

76F 309S CE #310 1-65

cont Bot Pg 97

F. B. 3335 Pg 96



cont Rt Pg 95

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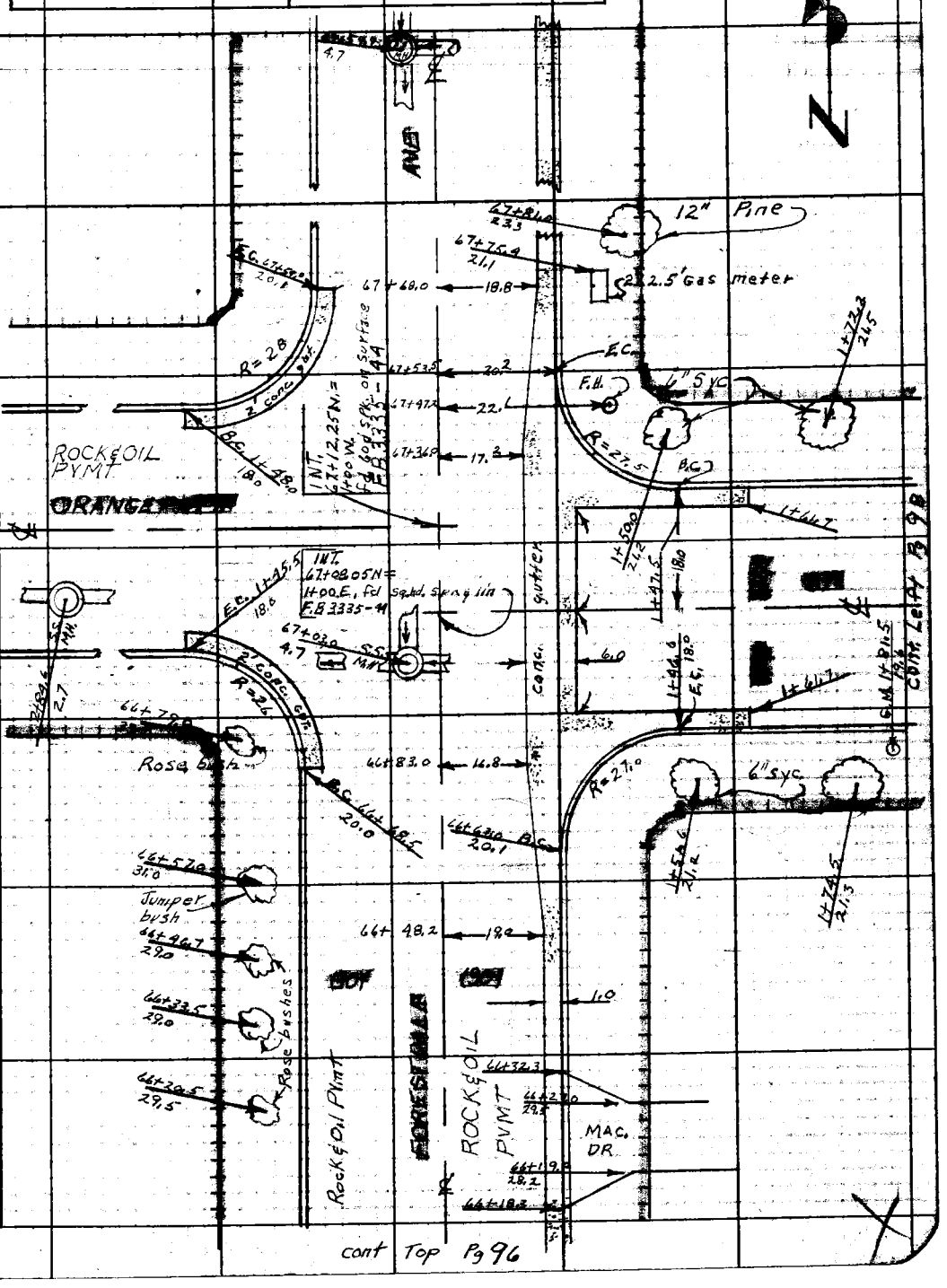
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Ben Lomond S.D.
Map No.	JN Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes W.A. Moodyman Date 12/66
Date	Indexed C. J. GALLI

F. B. 3335 PG. 97



cont Top Pg 96

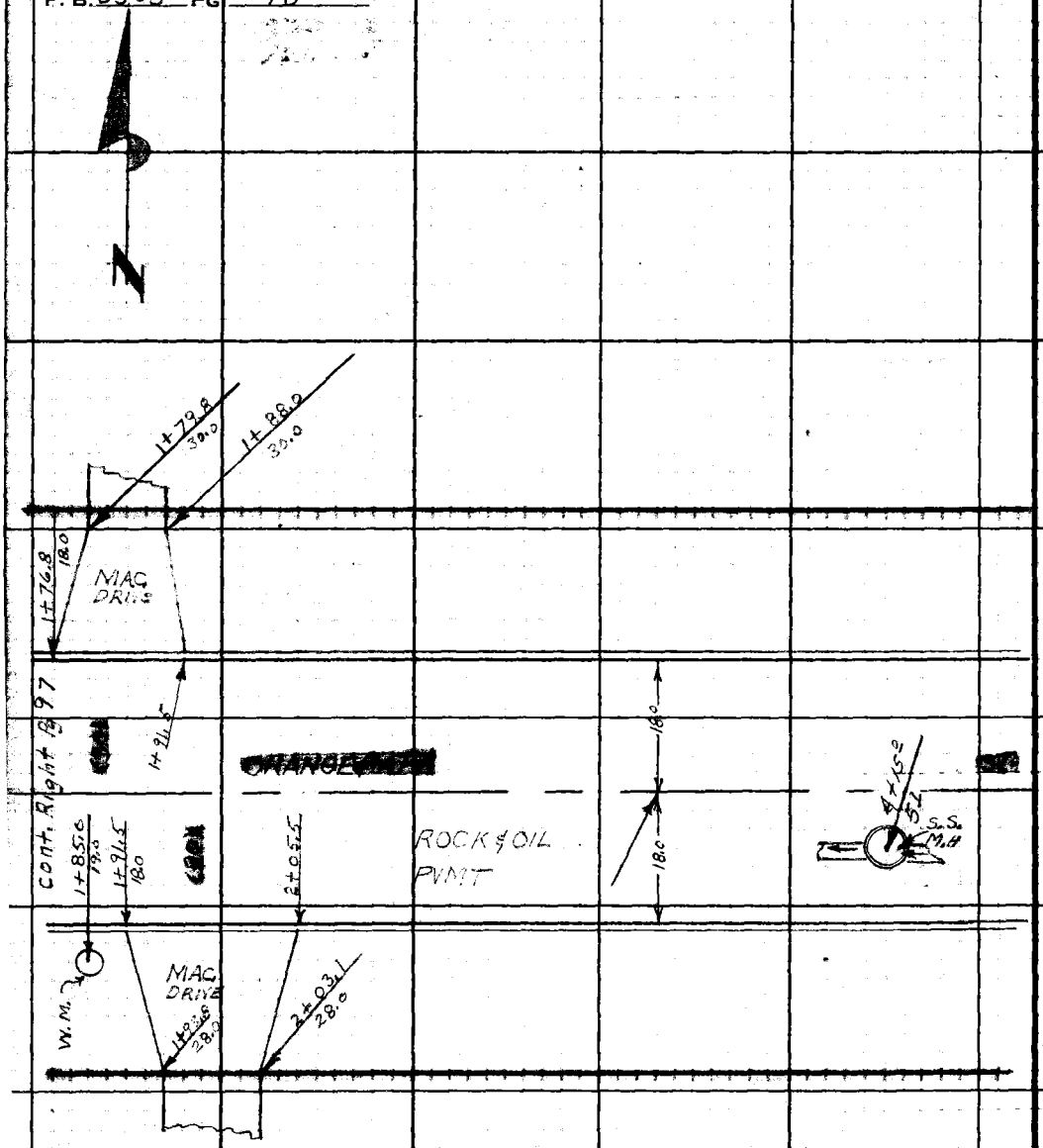
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 1-65

F. B. 3335 PG 98



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.

Profile No.	Notes Red	Plotted	Job No. 6112 17	Division No.	F.B. 3335 Pg. 99
	Date	Date	Survey of BEN LOMOND AVE. S.D.		
X-Sec. No.	Notes Chkd.	Checked	Survey by L.L. BROWN	Notes L.L.B.	Date 1-11-67
	Date	Date	Map No.	Indexed	Date

BEN LOMOND AVE.

STORM DRAIN

LINE A

J.N. 6112 17

CROSS SECTIONS

FROM BIG DALTON WASH (STA. 1400) NLY. ON BEN LOMOND AVE. TO MAUNA LOA AVE. THEN ELY. ON MAUNALOA AVE. TO VECINO DR. THEN NLY. ON VECINO DR. TO ALOSTA AVE. THEN ELY. ON ALOSTA AVE. TO FOREST DALE AVE. AND THEN NLY. ON FOREST-DALE AVE. TO ORANGE PATH ST.

PARTY.
BROWN, L.L.
MOODYMAN, W.
SANDOVAL, M.
MERINO, G.

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

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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.	BIG DALTON	WASH
					LEFT & SL'Y.	RIGHT & NL'Y.
B.M. S.D. 2816				627 13	B.M. S.D. 2816 ELEV. 627.126 (FIELD)	F.B. 3335-7
					BEN LOMOND AVE. E. SIDE 718' ± N. OF GLADSTONE ST.	
					S.E. COR. OF CONC. BRIDGE @ BIG DALTON WASH, BRASS DISC.	
					MARKED L.A. CO. FLOOD CONTROL DISTRICT B.M. 81-42 1960	
BEGIN PROFILE & CROSS SECTIONS GOING WL'Y. ON BIG DALTON WASH						
1+00				610 07		℄ BOTTOM CONC. DRAIN UNDER BRIDGE
				610 06		15° BOTTOM CONC. DRAIN " "
				610 04	15° BOTTOM CONC. DRAIN UNER BRIDGE	
1+16°				626 45		15° TOP CONC. WALL
				626 6		26° BRK. GRD.
				626 75		31° EDGE MAC. ROADWAY
				626 74		43.7 " " "
				626 6		46.5 TOP BRK. GRD.
				625 4		53° BOT. " "

F.B. 3335 PG. 100

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

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

76-L-298 CE 307 2-63

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.	BIG DALTON	WASH
					LEFT & SLY.	RIGHT & NLY.
1+23.6				609 78		15.0 BOT. CONC. DRAIN AT WALL
				625 80		15.0 TOP CONC. WALL
1+23.7				622 64		15.0 TOP CONC. WALL
				623 9		22.0 GRD. BRK.
				626 2		29.5 TOP "
				626 24		32.5 EDGE MAC. ROADWAY
1+43.0				609 50	15.0 BOT. CONC. DRAIN AT WALL	
				625 40	15.0 TOP CONC. WALL	
1+43.1				622 22	15.0 TOP CONC. WALL	
1+50				609 52		℄
				609 45		15.0 BOT. CONC. DRAIN AT WALL
				622 11		15.0 TOP CONC. WALL
				622 5		26.5 GRD. BRK.
				625 1		34.0 TOP BRK.
				625 14		36.0 EDGE MAC. ROADWAY

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.12 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-11-67
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3335 Pg. 101

76-L-298 CE 307 2-63

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F.B. 3335 Pg. 102 | Job No. 6112 12 | Division No. | Notes Red. | Plotted | Profile
Survey of BEN LOMOND AVE. S.D. | Date | Date | No.
Survey by L.L. BROWN Notes L.L.B. | Notes Chkd. | Checked | X-Sec.
Indexed C. J. GALLI Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	BIG DALTON	WASH
					LEFT ℄ ELY.	RIGHT ℄ ELY.
1+50				625 14		48° EDGE MAC. ROADWAY
				625 1		51° TOP BRK. GRD.
				623 9		58° BOT. " "
				609 46	15° BOT. CONC. DRAIN AT WALL	
				622 10	15° TOP CONC. WALL	
1+69 7				609 23		14 9 BOT. CONC. DRAIN AT WALL
				621 90		14 9 TOP CONC. WALL
1+69 8				624 04		14 9 TOP CONC. WALL ABUTMENT FOR FUTURE STREET WIDENING
1+72 8				624 04		14 9 " " " " "
1+81 8	END OF ABUTMENT			609 12		14 8 BOT. CONC. DRAIN AT WALL
				620 70		14 8 TOP CONC. WALL
1+89 1				608 72	15 2 BOT. CONC. DRAIN AT WALL	
				621 42	15 2 TOP CONC. WALL	

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STATION	B. S.	H. I.	F. S.	ELEV.	BIG DALTON	WASH
					LEFT & SLY.	RIGHT & NLY.
1+89^{2}				624 81	15^{2} TOP CONC. ABUTMENT FOR FUTURE ST. WIDENING	
1+92^{2}				624 77	15^{2} " " " " " "	
2+00				608 87		
				609 01		14^{5} BOT. CONC. DRAIN AT WALL
				620 66		14^{5} TOP CONC. WALL
				621 2		28^{0} BRK. GRD.
				623 6		34^{0} TOP BRK. GRD.
				623 71		36^{5} EDGE MAC. ROADWAY
				623 76		48^{5} " " "
				608 58	15^{2} BOT. CONC. DRAIN AT WALL	
				621 03	15^{2} TOP CONC. WALL ON ABUTMENT	
2+02^{0}		END OF ABUTMENT		620 09	15^{2} TOP CONC. WALL	
2+50				608 24		
				608 71		10^{2} BOT. CONC. DRAIN AT WALL
				620 27		10^{2} TOP CONC. WALL

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 12 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-11-67
Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F.B. 3335 Pg. 103

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	BIG DALTON	WASH
					LEFT & SLY.	RIGHT & NLY.
2+50				607 48	16.5 BOT. CONC. DRAIN AT WALL	
				619 01	16.5 TOP CONC. WALL	
3+00				607 80		
				608 24		10.0 BOT. CONC. DRAIN AT WALL
				619 78		10.0 TOP CONC. WALL
				606 75	19.9 BOT. CONC. DRAIN AT WALL	
				618 30	19.9 TOP CONC. WALL	
3+50				607 35		
				607 55		4.3 BOT. CONC. DRAIN AT WALL
				619 17		4.3 TOP CONC. WALL
				606 08	26.0 BOT. CONC. DRAIN AT WALL	
				617 63	26.0 TOP CONC. WALL	

END OF PROFILE & CROSS SECTIONS GOING WLY. ON BIG DALTON WASH

F.B. 3335 PG. 104 Job No. 6112 17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No.
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BIG DALTON	WASH
					LEFT & NLY.	RIGHT & SLY.
B.M.S.D. 2816				627 13	B.M. S.D. 2816 ELEV. 627.126 (FIELD) FOR DESC. SEE F.B. 3335-7	
BEGIN PROFILE & CROSS SECTIONS GOING ELY. ON BIG DALTON WASH						
1+37 3				610 53		15° BOT. CONC. DRAIN AT WALL
				622 10		15° TOP CONC. WALL
1+47 1				610 82	15° BOT. CONC. DRAIN AT WALL	
				612 66	15° INV. OUTLET 30" R.C.P. DRAIN	
				627 38	15° TOP CONC. WALL	
				626 4	16° GRD.	
1+50				610 80		
				610 73		15° BOT. CONC. DRAIN AT WALL
				622 25		15° TOP CONC. WALL
				610 80	15° BOT. CONC. DRAIN AT WALL	
				625 81	15° TOP CONC. WALL	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-11-67
Date ____ Date ____ Map No. ____ Indexed C. J. [illegible] Date ____

F.B. 3335 PG. 105

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	BIG DALTON	WASH
					LEFT & NL'Y.	RIGHT & SL'Y.
1+57 5				610 90	15° BOT. CONC. WALL AT WALL	
				622 47	15° TOP CONC. WALL	
2+00				611 43		
				611 44		15° BOT. CONC. DRAIN AT WALL
				622 89		15° TOP CONC. WALL
				611 42	15° BOT. CONC. DRAIN AT WALL	
				622 97	15° TOP CONC. WALL	
				623 2	17° BOT. BRK. GRD.	
				624 4	21 TOP " "	
				624 49	21 5 EDGE MAC. ROADWAY	
				625 04	34 5 " " "	
2+50				612 10		
				612 10		15° BOT. CONC. DRAIN AT WALL
				623 57		15° TOP CONC. WALL
				612 13	15° BOT. CONC. DRAIN AT WALL	
				623 67	15° TOP CONC. WALL	

F.B. 3335 PG. 106

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

76-1-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BIG DALTON	WASH
					LEFT & NLY.	RIGHT & SLY.
3+00				612 80		
				612 75		15° BOT. CONC. DRAIN AT WALL
				624 20		15° TOP CONC. WALL
				612 76	15° BOT. CONC. DRAIN AT WALL	
				624 33	15° TOP CONC. WALL	
	END OF PROFILE & CROSS SECTIONS GOING EASTERLY ON BIG DALTON WASH					

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-11-67
Date ____ Date ____ Map No. ____ Indexed C. L. GALL Date ____

F.B. 3335 PG. 107

F.B. 3335 Pg. 108

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

BLANK

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

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
B.M. S.D. 2816				627 13	B.M. S.D. 2816 ELEV. 627.126 (FIELD)	F.B. 3335-7
					BEN LOMOND AVE. E. SIDE	± N. OF GLADSTONE ST.
					S.E. COR. OF CONC. BRIDGE @	BIG DALTON WASH., BRASS
					DISK MARKED L.A. CO. FLOOD	CONTROL DISTRICT B.M. 31-42
					1960.	
	BEGIN	PROFILE	& X-SECTS.	GOING	NORTH ON BEN LOMOND AVE.	
0+75.8				626 29	6' GUT. OUT.	
				626 30	7' " IN	
				627 35	7' T.C. CONC. BRIDGE	
0+76.3				627 42	9.6 TOP CONC. WALL	
0+80.3				626 23		℄ S. EDGE CONC. BRIDGE
0+94.7				625 97		23' F.L.
				627 00		23' T.C. CONC. BRIDGE
1+00				626 41	℄ INT. BEN LOMOND AVE. &	BIG DALTON WASH
				626 04		23' F.L. CONC. BRIDGE
				627 05		23' T.C. " "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 Division No. 17
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-3-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 Pg. 109

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
1+00				627 13		EDGE OF BRIDGE TOP CONC. WALL
				626 50	7' F.L. CONC. BRIDGE	
				627 54	7' T.C.	
1+11.5				627 68	9.5 TOP CONC. WALL AT BRIDGE	
1+12.9				627 68	10.3 TOP CONC. BRIDGE	
1+14.9				626 58	7' F.L. CONC. BRIDGE	
				627 61	7' T.C. " "	
1+20.3				627 48	7' T.C.	
1+19.3				626 51		℄ NORTH EDGE CONC. BRIDGE
1+23.0				627 57	18.4 MAC. DRIVE	

F.B. 3335 PG. 110

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

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

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
1+33.7				626 28		21.1 GUT. OUT
				626 25		23 " IN
				627 24		23.1 T.C. CONC. BRIDGE
				627 10	27.0 EDGE MAC. DRIVE	
				626 4	37.8 GRD.	
				624 7	53.7 GRD.	
1+33.8				627 11		23.1 T.C. AT BRIDGE
1+35.2				627 37		28.6 TOP CONC. WALL AT BRIDGE
1+37.1				627 39		28.6 COR. CONC. BRIDGE
1+52.7				627 06		23.1 T.C. AT CONC. DRIVEWAY
				627 23		33.1 COR. CONC. DRIVEWAY
1+62.7				626 42		21.1 GUT. OUT
				626 25		23.1 " IN
				626 30		23.1 TOP CURB DEP.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-3-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 PG. 111

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
1+76.1				627.04		23' T.C. AT CONC. DRIVEWAY
				627.27		33' COR. CONC. DRIVEWAY
				625.86		53.0' EDGE ROCK & OIL DRIVEWAY
1+77.5				626.74		18' EDGE CONC. APRON
1+82.1					22.3 (RT.) & 30" R.C.P. OUTLET FROM C.B.	
					EL. TOP STEEL GRATE = 626.23	
						-8.42
				617.81	INV. 30" OUTLET	INV. 617.81
1+84.5	& C.B.			626.72		18' EDGE CONC. GUT.
				626.13		23' TOP STEEL GRATE
				627.09		23' T.C. AT C.B.
1+86.2					22.0 (RT.) & 30" R.C.P. INLET TO C.B.	
					EL. TOP STEEL GRATE = 626.26	
						-6.40
				619.86	INV. 30" INLET	619.86

F.B. 3335 PG. 112

Job No. 6112 17 Division No.

Survey of BEN LOMOND AVE. S.D.

Survey by L.L. BROWN Notes L.L.B.

Indexed C. J. GALLI Date

Profile No.

X-Sec. No.

Plotted Date

Checked Date

Notes Red Date

Notes Chkd. Date

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
2+00				627.09		
				626.99		11' PVMT
				626.86		18' GUT. OUT
				626.52		23' " IN
				627.14		23' T.C.
				627.0		33' GRD.
				627.14	6' GUT. OUT	
				627.13	7' " IN	
				627.64	7' T.C.	
				627.2	36' GRD. TOP BAK.	
				625.0	49' " BOT. "	
				624.2	59' GRD.	
2+10±					22' RT. ℄ 30" R.C.P. OUTLET FROM C.B.	
					EL. TOP STEEL GRATE = 626.42	
						-5.83
				620.59	INV. 30" OUTLET	INV. 620.59

Profile Notes Red. ____ Plotted ____ Job No. 6112 17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 1-3-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. Date ____

F.B. 3335 Pg. 113

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
2+12 1	℄ C.B.			626 91		18' EDGE CONC. GUT.
				626 31		23' TOP STEEL GRATE
				627 26		23' T.C. AT C.B.
2+13 9					22° RT. ℄ 30" R.C.P INLET TO C.B.	
					EL. TOP STEEL GRATE = 626.46	
						− 5.27
				621 19	INV. 30" INLET	INV. 621.19
2+23 1				626 92		18' EDGE CONC. GUT
2+31 3				627 03		19' EDGE CONC. GUT
				626 79		23' GUT. IN
				627 50		23' T.C.
2+37 7					25° RT. ℄ 30" R.C.P. OUTLET FROM C.B.	
					EL. TOP CONC. C.B. = 627.54	
						− 5.94
				621 60	INV. 30" OUTLET	621.60

F.B. 3335 PG. 114

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

Survey by L.C. BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ X-Sec. ____

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

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT ℄ EAST	RIGHT ℄ EAST
2+44.1	℄ C.B.			627.08		19' EDGE CONC. GUT.
				626.50		23' F.L. " " AT C.B.
				627.57		23' T.C. AT C.B.
2+51.6					25° (RT.) ℄ 24" R.C.P. INLET TO C.B.	
					EL. TOP CONC. C.B. =	627.63
						-5.27
				622.36	INV. 24" INLET	INV. = 622.36
2+75.8					25° (RT.) ℄ 24" R.C.P. OUTLET FROM C.B.	
					EL. TOP CONC. C.B. =	627.76
						-4.96
				622.80	INV. 24" OUTLET	622.80
2+82.8	℄ C.B.			627.30		19' EDGE CONC. GUT.
				626.74		23' F.L. " " AT C.B.
				627.77		23' T.C. AT C.B.

Profile Notes Red ____ Plotted ____ Job No. 6112 Division No. 17
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-3-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 PG. 115

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
3+00				627 71		℄
				627 61		11.5 PUMT
				627 46		19.3 EDGE CONC. GUT.
				627 19		23.1 GUT. IN
				627 82		23.1 T.C.
				627 83	6.1 GUT. OUT	
				627 82	7.1 " IN	
				628 31	7.1 T.C.	
				627 1	45.5 TOP BRK. GRD.	
				625 3	58.0 BOT. " "	
				624 6	71.0 GRD.	
4+00				628 41		℄
				628 24		11.5 PUMT
				628 08		21.1 GUT. OUT.
				627 90		23.1 " IN.
				628 54		23.1 T.C.
				628 50	6.1 GUT. OUT	
				628 51	7.1 " IN	

F.B. 3335 PG. 116

Job No. 6112 17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No. X-Sec.
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. Checked No.
Indexed G. J. GALLI Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT ℄ WEST	RIGHT ℄ EAST
4+00				628 99	7' T.C.	
				628 5	31' TOP BRK. GRD.	
				626 4	54' BOT. " "	
				626 0	70' GRD.	
4+67.8				629 4	18' GRD.	
				629 5	24' " TOP BRK.	
				627 5	37' " BOT. BRK.	
				627 2	67' GRD.	
4+69.2				629 6	18' GRD. AT COR. CONC. IRR. BOX	
				631 88	18' TOP CONC. IRR. BOX	
4+74.7				632 13	30' TOP CONC. IRR. BOX.	
				629 5	30' GRD. AT CONC. IRR. BOX	
5+00				629 15		℄
				628 97		11' PVMT.
				628 79		21' CUT. OUT

Profile Notes Red. Plotted Job No. 6112.17 Division No.
No. Date Date Survey of BEN LOMOND A.C.S.D.
X-Sec. Notes Chkd. Checked Survey by L.L. BROWN Notes L.L.B. Date 1-3-67
No. Date Date Map No. Indexed G. J. Gill Date

F.B. 3335 PG. 117

76-L-298 CE 307 2-63

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F.B. 3335 Pg. 118

Job No. 6112 17 Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____ X-Sec.

Survey by L.L. BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ No. ____

Indexed G. J. GALLI Date ____ Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
5+00				628 57		23' GUT. IN
				629 21		23' T.C.
				629 19	6' GUT. OUT	
				629 16	7' " IN	
				629 65	7' T.C.	
				630 4	18.2 GRD. AT CONC. IRR. BOX	
				631 82	18.2 TOP CONC. IRR. BOX	
				632 22	30.6 " " "	
				630 2	30.6 GRD. AT " " "	
				628 4	40.0 GRD.	
5+51'				630 2	15.7 GRD. AT COR. CONC. IRR. BOX	
				632 10	15.7 TOP CONC. IRR. BOX	
				632 16	24.5 TOP " " "	
				630 6	24.5 GRD. AT COR. " "	
6+00				629 72		
				629 61		11.5 PVMT.
				629 53		21' GUT. OUT.

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
6+00				629 37		23' GUT. IN.
				629 98		23' T.C.
				629 88	6' GUT. OUT.	
				629 88	7' " IN	
				630 38	7' T.C.	
				630 7	30° GRD. TOP BRK.	
				628 8	40° " BOT. "	
				628 3	60° GRD.	
6+15'	℄ ROCK & OIL DRIVEWAY			630 00	7' GUT. IN	
				630 16	7' T.C. DEP.	
				631 21	18' BRK. IN PUMP	
				631 34	24.8 " " "	
				629 72	60°	
6+25.5				631 4	19.2 GRD. AT COR - CONC. IRR. FLUME.	
				632 43	19.2 TOP CONC. IRR. FLUME.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L. L. BROWN Notes L.L.B. Date 1-3-67
Date ____ Date ____ Map No. ____ Indexed C. J. GARAY Date ____

F.B. 3335 PG. 119

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
6+25.5				632 34	24.8 TOP CONC. IRR. FLUME	
				631 5	24.8 GRD. AT COR. CONC. IRR. FLUME	
6+50.0				632 51	24.8 TOP CONC. IRR. FLUME	
				631 7	24.8 GRD. AT IRR. FLUME	
				629 4	35.0 BOT. BRK.	
				628 6	60.0 GRD.	
6+75.0				631 8	29.0 TOP BRK.	
				629 6	34.0 BOT. "	
				629 4	62.0 GRD.	
6+83.0	BEGINING SERVICE RD.			632 44	25.3 TOP CONC. IRR. FLUME	
				632 2	25.3 GRD. AT " "	
				631 44	32.4 T.C.	
				630 95	32.4 F.L.	
				631 01	47.4 ℄ SERVICE RD.	
				630 54	62.4 F.L.	
				630 79	62.4 T.C.	

F.B. 3335 PG. 120

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

Indexed G. J. GALLI Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT ℄ WEST	RIGHT ℄ EAST
7+00				630 47		℄
				630 36		11.5' PVMT.
				630 18		21' GUT. OUT.
				630 01		23' " IN
				630 07		23' T.C. DEP.
7+05.1	END CONC. GUT.			630 60	6' GUT. OUT.	
				630 58	7' " IN	
				631 08	7' T.C.	
7+80.5	END CONC. GUT. SERVICE RD.			630 45	59.3 GUT. OUT	
				630 26	61.3 " IN	
				630 89	61.3 T.C.	
7+94.0				631 62	31.3 T.C. SERVICE RD	
				631 02	31.3 F.L. " "	
				631 11	46.0 PVMT. " "	
				630 42	59.3 GUT. OUT	
				630 27	61.3 " IN	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6112 Division No. 17
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-3-67
Date ____ Date ____ Map No. ____ Indexed C. J. CALL Date ____

F.B. 3335 Pg. 121

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F.B. 3335 PG. 122

Job No. 6112 Division No. 17 Notes Red ____ Plotted ____ Profile No. ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ X-Sec. No. ____

Survey by L.L. BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ No. ____

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

STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
7+94°				630 92	61³ T.C. SERVICE RD.	
8+00				631 11		
				630 94		11⁵ PVMT.
				630 57		21¹ GUT. OUT
				630 45		23¹ " IN
				631 08		23¹ T.C.
				631 13	7³ EDGE PVMT.	
				632 2	20³ GRD. AT CONC. IRR. FLUME	
				632 52	20³ TOP CONC. IRR. FLUME	
				632 50	25⁷ " " " "	
				632 1	25⁷ GRD. AT " "	
8+41⁵				631 20	46° PVMT. SERVICE RD.	
				630 04	98⁸ T.C.	
				629 41	98⁸ GUT. IN	
8+43⁵				629 57	98⁸ " OUT.	
8+60⁰⁶				631 38	℄ INT. BEN LOMOND AVE. & ARMSTEAD ST.	

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT ℄ WEST	RIGHT ℄ EAST
8+72 L				632 2	20 L GRD. AT CONC. IRR. FLUME	
				632 51	20 L TOP " " "	
				632 61	26 L TOP " " "	
				632 1	26 L GRD. " " "	
				631 75	30 L T.C. AT END	
				631 18	30 L F.L. " "	
				631 13	46 R PUMT N. EDGE	
				630 74	61 R PUMT. " "	
8+80				632 0	30 R GRD.	
				630 6	40 R "	
				629 9	61 R GRD.	
8+89				631 6	27 R GRD. TOP BRK.	
				628 9	40 R " BOT. "	
				628 4	61 R GRD.	
8+88 L	BEGIN MAC. CURB			631 48	7 L F.L.	
				632 00	7 L TOP MAC. CURB	
9+00				631 55		
				631 41		11 L PUMT

Profile Notes Red ____ Plotted ____ Job No. 6112 Division No. 17
No. ____ Date ____ Date ____ Survey of BEN LOMONO
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-4-67
No. ____ Date ____ Date ____ Map No. ____ Index C. J. CALL Date ____

F.B. 3335 PG. 123

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
9+00				630 98		21' GUT. OUT
				630 81		23' " IN
				630 91		23' T.C. DEP.
				631 61	7.5 F.L.	
				632 13	7.5 TOP MAC. CURB	
				631 9	17.4 GRD. AT CONC. IRR. FLUME	
				632 56	17.4 TOP " " "	
				632 67	23.5 TOP " " "	
				630 9	23.5 GRD. AT " " "	
				629 2	28.5 BOT. BRK. GRD.	
				628 4	60.0 GRD.	
10+00				631 94		℄
				631 80		11.5 PVMT
				631 46		21' GUT. OUT
				631 33		23' " IN
				631 97		23' T.C.
				631 94	7.6 F.L.	
				632 47	7.6 TOP MAC. CURB	

F.B. 3335 PG. 124

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

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

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
10+00				63 22	8' GRD. AT BACK MAC. CURB	
				63 24	14' GRD. AT CONC. IRR. FLUME	
				63 270	14' TOP " " "	
				63 292	20' TOP " " "	
				629 8	20' GRD. " " "	
				629 1	25' BOT. BRK. 5	
				628 6	60' GRD.	
11+00				632 42		℄
12+00			⊙	632 82		℄
				632 63		11' PVMT.
				632 19		21' GUT. OUT.
				632 09		23' " IN
				632 71		23' T.C.
				632 80	7' F.L. MAC. CURB	
				633 30	7' TOP " "	
				633 2	8' BACK " " GRD.	
				632 83	14' TOP CONC. IRR. FLUME	

Profile Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
No. ____ Date ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.P.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.C.B. Date 1-4-67
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F.B. 3335 Pg. 125

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F.B. 3335 PG. 126

Job No. 6112-17 Division No. Notes Red Plotted Profile No.
Survey of BEN LOMOND AVE. S.D. Date Date X-Sec. No.
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. Checked
Indexed C. J. Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
12+00				63285	20° TOP CONC. IRR. FLUME	
				6306	20° GRD. AT " " "	
				6296	25° BOT. BRK. GRD.	
				6288	60° GRD.	
12+90°	GRD. BRK.	TOP CONC. IRR. FLUME		63291	14.5 TOP CONC. IRR. FLUME	
				63297	20.2 " " " "	
12+92°				63266	14.5 TOP " " "	
				63266	20.2 TOP " " "	
13+00				63324		
				63309		11.5 PVMT.
				63265		21.2 GUT. OUT
				63253		23.2 " IN
				63320		23.2 T.C.
				63321	7.7 F.L. MAC. CURB	
				63370	7.7 TOP " "	
				6329	8.2 BACK " " GRD.	

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
13+00				632 59	14² TOP CONC. IRR. FLUME	
					19² " " " "	
				63 1 3	19² GRD. AT " " "	
				63 0 9	29⁰ GRD. BOT. BRK.	
				63 0 2	60⁰ GRD.	
13+35⁰				63 3 27		℄
				63 3 12		11⁵ PVMT.
				63 2 82		21² GUT. OUT
				63 2 70		23² " IN
				63 3 36		23² T.C.
13+61⁵				63 2 98		19⁵ EDGE CONC. X-GUT
				63 2 92		22⁵ F.L. " " "

Profile Notes Red ____ Plotted ____ Job No. 6112 Division No. 17
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-4-67
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

C. I. GALLI

F.B. 3335 PG. 127

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F.B. 3335 PG. 128

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____ X-Sec.

Survey by L.L. & BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ No. ____

Indexed C. J. GALL Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
13+94 4	S. RIM = 633 43			633 42	5° (LT.) S.S.M.H. MEAN	RIM
S.S.M.H.	N. RIM = 633 41					MEAN RIM = 633.42
	MEAN R. = 633.42					MEAS. -4.92
						TOP PIPE 628.50
						DIA. " -0.67
				627 83	INV. 8" STUB S.	INV. 627.83
						MEAN RIM = 633.42
						MEAS. -4.98
						TOP PIPE 628.44
						DIA. " -0.67
				627 77	INV. 8" INLET E.	INV. 627.77
						MEAN RIM = 633.42
						MEAS. -5.06
						TOP PIPE 628.36
						DIA. " -0.83
				627 53	INV. 10" OUTLET N.	INV. 627.53
13+99 76 = 1+00E.				633 39	℄ INT. BEN LOMOND AVE. & GALATEA ST.	
	END OF PROFILE & X-SECTS. ON BEN LOMOND AVE.					

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STATION	B. S.	H. I.	F. S.	ELEV.	GALATEA ST. LEFT ℄ NORTH	RIGHT ℄ SOUTH
B.M. S.D. 2818				634 35	B.M. S.D. 2818 ELEV. 634.346 (FIELD) F.B. 3335-8	
					BEN LOMOND AVE. ℄ GALATEA ST. (E. SIDE ISLAND)	
					5' N. OF E. CURB RETURN BT. SPK. IN LD.	
BEGIN PROFILE ℄ X-SECTS. GOING EAST ON GALATEA ST.						
1+00 E.				633 39	℄ INT. BEN LOMOND AVE. ℄ GALATEA ST.	
1+ 11.5				633 21		℄ PVMT.
1+ 18.5				633 05		℄ EDGE CONC. X-GUT.
1+ 21.5				633 04		℄ F.L. " " "
1+ 36.9				633 47		℄ EDGE " " "
				633 36		16.2 ⊥ PT. CONC. X-GUT.
1+ 48.0				633 35		℄ PVMT.
1+57.4				633 19		℄ EDGE CONC. X-GUT.
				633 13		16.2 INT. " " ℄ GUT.

Profile No. ____ Notes Rcd. ____ Plotted ____ Job No. 6112-17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by L.L. BROWN Notes L.L.B. Date 1-4-67
Map No. ____ Date ____ Indexed G. J. GULL Date ____

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F.B. 3335 Pg. 130

Job No. 6112-17 Division No. Notes Red Plotted Profile No.
Survey of BEN LOMOND AVE. S.D. Date Date X-Sec. No.
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	GALATEA	ST.
					LEFT ℄ NORTH	RIGHT ℄ SOUTH
1+60±				633 14		℄ F.L. CONC. X-GUT.
				632 92		18" GUT.
				633 56		18" T.C.
				633 21	16" F.L. CONC. X-GUT.	
1+63±				633 17		℄ EDGE CONC. X-GUT.
				633 10		16" INT. X-GUT. ℄ GUT.
				632 93		18" GUT. IN
				633 27	16" ⊥PT. CONC. X-GUT.	
				633 25	18" F.L. CONC. GUT.	
1+69±				633 37		℄
				633 26		9" PUMP
				633 13		16" GUT. OUT
				632 95		18" " IN
				633 59		18" T.C.
1+75±				633 13		16" GUT. OUT.
				632 96		18" " IN.

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STATION	B. S.	H. I.	F. S.	ELEV.	GALATEA ST. LEFT ℄ NORTH	RIGHT ℄ SOUTH
1+84°				633 04		18° END CONC. GUT.
1+99.6				633 84		℄
				633 74	9° PVMT	
				633 48	16° GUT. OUT.	
				633 33	18° " IN	
				633 96	18° T.C.	
2+03.6				633 52	16° GUT. OUT.	
				633 37	18° " IN	
2+11.7				633 49	18° END CONC. GUT.	
2+39.6				634 06		℄
				633 86		9° PVMT
				633 38		18° F.L.
				634 00		18° T.C
				633 90	9° PVMT	
				633 54	18° F.L.	

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 1-5-67
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] Date ____

F.B. 3335 Pg. 131

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STATION	B.S.	H.I.	F.S.	ELEV.	GALATEA	ST.
					LEFT & NORTH	RIGHT & SOUTH
2+39.6				634.18	18° T.C.	
3+39.6				634.56		℄
				634.42		9° PUMT
				634.02		18° F.L.
				634.64		18° T.C.
				634.43	9° PUMT.	
				634.00	18° F.L.	
				634.11	18° T.C. DEP.	
3+80.3	W. RIM = 634.80			634.85	5' (RT.) S.S.M.H. MEAN	RIM
S.S.M.H.	E. RIM = 634.90					MEAN RIM = 634.85
	MEAN R. = 634.85					MEAS. -5.41
						TOP PIPE 629.44
						DIA. PIPE -0.67
				628.77	INV. 8" INLET E.	INV. 628.77

F.B. 3335 PG. 132

Job No. 6112 Division No. Notes Red Plotted Profile

Survey of BEN LOMOND AVE. S.D. Date Date No. X-Sec.

Survey by L.L. BROWN Notes L.L.B. Notes Chkd. Checked

Indexed G. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					LEFT ℄ NORTH	RIGHT ℄ SOUTH
3+80 3				634 85	5'-(RT.) S.S.M.H MEAN	RIM.
S.S.M.H.						MEAN RIM = 634.85
						MEAS. - 5.43
						TOP PIPE 629.42
						DIA. " - 0.67
				628 75	INV. 8" OUTLET W.	INV. 628.75
	END OF PROFILE ℄ X-SECTIONS GOING E. ON GALATEA ST.					

Profile Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. Notes Chkd ____ Checked ____ Survey by L.L. Brown Notes L.L.B. Date 1-5-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date ____

F.B. 3335 PG. 133

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
RESUME PROFILE & X-SECTS. GOING NORTH ON BEN LOMOND AVE.					LEFT & WEST	RIGHT & EAST
14+00				633 39		
				633 45	8° F.L. MAC. CURB	
				633 91	8° T.C. "	
				634 2	12° GRD.	
				632 74	18° TOP CONC. IRR. FLUME WEST TOP	
				631 5	18° GRD. AT WEST SIDE CONC. IRR. FLUME.	
				631 5	28° GRD.	
				630 5	60° GRD.	
14+27°				633 30		58° EDGE CONC. X-GUT.
				633 26		61° F.L. " " "
14+35°				633 17		17° GUT. OUT.
				633 09		24° " IN
				633 72		24° T.C. ISLAND
				634 32		34° T.C. "
				633 80		34° GUT. IN
				633 76		36° " OUT
14+44°				633 93		34° END CONC. GUT.

F.B. 3335 PG. 134

Job No. 6112 17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No.
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. Checked X-Sec.
Indexed G. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
14+45.0				633 44		℄
				633 27		11.0 PVMT
				633 20		17.5 GUT. OUT
				633 08		20.5 F.L.
				633 12		23.1 GUT. IN
				633 75		23.6 T.C. ISLAND
14+55.2				634 43		33.9 T.C. ISLAND
				633 95		33.9 F.L. "
				633 71		47.9 ℄ SERVICE RD.
				633 36		59.9 GUT. OUT
				633 22		61.9 " IN
				633 85		61.9 T.C.
14+85.0				633 49		℄
				633 31		10.0 PVMT
				633 27		17.8 GUT. OUT
				633 11		19.6 " IN
				633 70		19.6 T.C. ISLAND
14+ 93.8				633 08	16.5 TOP CONC. IRR. FLUME	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-5-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 PG. 135

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
14+95^{2}				634 67		33^{2} T.C. ISLAND
				634 18		33^{2} F.L. "
				633 92		47^{2} ℄ SERVICE RD
				633 56		59^{2} GUT. OUT
				633 38		61^{2} " IN
				634 02		61^{2} T.C.
15+00				633 50		℄
				633 68	10^{0} F.L. MAC. CURB	
				634 13	10^{0} T.C. "	
				634 2	14^{0} TOP BRK. GRD.	
				632 3	28^{0}	
				631 0	58^{0}	
16+00				634 02		℄
				633 81		13^{5} PVMT.
				633 54		25^{3} GUT. OUT
				633 45		27^{3} " IN

F.B. 3335 PG. 136

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
16+00				634 04		27 3 T.C. ISLAND
				634 02	2 5 F.L. MAC. CURB	
				634 53	2 5 T.C. "	
				634 0	8 0 TOP BAK. GRD	
				633 3	15 0 BOT. " "	
				63 2 6	33 0 GRD.	
16+ 10 4				635 20		41 2 T.C. ISLAND
				634 68		41 2 F.L. "
				634 45		55 2 [illegible]
				634 20		67 2 GUT. OUT
				634 03		69 2 GUT. IN
				63 4 66		69 2 T.C.
16+43 0				634 33		65 0 EDGE CONC. X-GUT.
				634 33		68 0 F.L. " "

Profile Notes Red ____ Plotted ____ Job No. 6112 Division No. 17
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-5-67
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F.B. 3335 Pg. 137

76-L298 CE 307 3-61

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F.B. 3335 Pg. 138 | Job No. 6112 17 | Division No. | Notes Red | Plotted | Profile
Survey of BEN LOMOND AVE. S.D. | Date | Date | No.
Survey by L.L. BROWN Notes 2.2.13 | Notes Ckd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
16+54° S.S.M.H.		S. RIM = 634.26		634 26	2° (LT.) S.S.M.H. MEAN	RIM.
		N. RIM = 634.26				MEAN RIM = 634.26
		MEAN R. = 634.26				MEAS. -6.27
						TOP PIPE 627.99
						DIA. " -0.83
				627 16	INV. 10" INLET S.	INV. 627.16
						MEAN RIM = 634.26
						MEAS. -6.23
						TOP PIPE 628.03
						DIA. " -0.67
				627 36	INV. 8" INLET E.	INV. 627.36
						MEAN RIM = 634.26
						MEAS. -6.30
						TOP PIPE 627.96
						DIA. " -0.83
				627 13	INV. 10" OUTLET N.	INV. 627.13

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
16+62 5				632 72	64 5 TOP CONC. IRR. FLUME	
16+62 46 N. =1+00 E.			⊙	634 26	℄ INT. BEN LOMOND AVE. & ALFORD ST.	
	END PROFILE & X-SECTS. ON BEN LOMOND AVE.					
	BEGIN PROFILE & X-SECTS. GOING EAST ON ALFORD ST					
1+00			⊙	634 26	℄ INT. BEN LOMOND AVE. & ALFORD ST.	
					ALFORD	ST.
					LEFT & NORTH	RIGHT & SOUTH
1+12 0				634 10		℄ PVMT.
1+24 3				633 82		℄ GUT. OUT
1+26 3				633 66		℄ " IN
1+26 3				634 30		℄ T.C. ISLAND
1+40 2				635 47		℄ T.C. "
1+40 2				634 98		℄ F.L.
1+ 54 2				634 75		℄ PVMT.

Profile Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____ F.B. 3335 Pg. 139
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-5-67
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	ALFORD	ST.
					LEFT & NORTH	RIGHT & SOUTH
1+64.9				634 52		℄ EDGE CONC. X-GUT.
1+67.9				634 49		℄ F.L. " " "
1+70.9				634 55		℄ EDGE. " " "
				634 45		13.2 CONC.
				634 63	12.8 CONC.	
				634 57	14.8 F.L. CONC.	
2+05.5				635 03		℄
				634 95		7.5 PUMT
				634 67		13.0 GUT. OUT
				634 53		15.0 " IN
				635 14		15.0 T.C.
				634 95	7.5 PUMT	
				634 70	13.0 GUT. OUT	
				634 58	15.0 " IN	
				635 13	15.0 T.C.	
2+09.2				634 74	13.0 GUT. OUT.	
				634 62	15.0 " IN	

F.B. 3335 PG. 140

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE, S.D. Date ____ Date ____ No. ____ X-Sec. ____

Survey by L.L. BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ No. ____

Indexed C. J. GALL Date ____ Date ____ Date ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	ALFORD	ST.
					LEFT & NORTH	RIGHT & SOUTH
2+10 9				634 71		13' GUT. OUT
				634 56		15' " IN
2+18 3				634 63		15° END CONC. GUT
				634 71	15° END CONC. GUT	
2+45 5				635 36		℄
				635 22		7 5 PUMT.
				634 78		15° F.L.
				635 13		15° T.C. DEP.
				635 25	7 5 PUMT	
				634 84	15° F.L.	
				634 96	15° T.C. DEP.	
3+45 5				636 25		℄
				636 07		7 5 PUMT
				635 73		15° F.L.
				636 35		15° T.C.
				636 10	7 5 PUMT	

Profile Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-5-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 PG. 141

76-L-298 CE 307 2-63

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F.B. 3335 PG. 142

Job No. 6112 Division No. 17

Survey of BEN LOMOND AVE.

Survey by L.L. BROWN Notes L.L.B.

Indexed C. J. GALLI Date

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red Date Notes Chkd. Date

STATION	B.S.	H.I.	F.S.	ELEV.	ALFORD	ST.
					LEFT & NORTH	RIGHT & SOUTH
3+45 5				635 72	15 8 F.C.	
				635 79	15 8 T.C. DEP.	
3+80 0		W. RIM = 636.25		636 26	10 3 RT. S.S.M.H. MEAN	RIM
S.S M.H		E. RIM = 636.28				MEAN RIM = 636.26
		MEAN R. = 636.	26			MEAS. - 6.62
						TOP PIPE 629.64
						DIA. " -0.67
				628 97	INV. 8" INLET E.	INV. 628.97
						MEAN RIM = 636.26
						MEAS. - 6.76
						TOP PIPE 629.50
						DIA. " -0.67
				628 83	INV. 8" OUTLET W	INV. 628.83
END OF PROFILE & X-SECTS. ON ALFORD ST.						

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
RESUME PROFILE & X-SECTS ON BEN LOMOND					LEFT & WEST	RIGHT & EAST
16+78.3				634 66		64.5 EDGE CONC. X-GUT
				634 61		67.5 F.L. " " "
17+00				634 40		℄
				634 21		12.5 PUMT
				633 95		23.4 GUT. OUT
				633 80		25.4 " IN
				634 42		25.4 T.C. ISLAND
				634 45	4.7 F.L. MAC. CURB	
				634 94	4.2 TOP " "	
				634 7	9.0 TOP BRK	
				633 5	19.0 B.T. "	
				633 2	40.0 GRD.	
17+14.8				635 76		39.2 T.C. ISLAND
				635 23		39.2 F.L. "
				635 01		53.4 ℄ SERVICE RD
				634 79		65.2 GUT. OUT
				634 60		67.2 " IN
				635 22		67.2 T.C.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-5-67
Date ____ Date ____ Map No. ____ Indexed C. J. GAILL Date ____

F.B. 3335 PG. 143

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
17+54.8				635 95		38.5 T.C. ISLAND
				635 42		38.5 F.L. "
				635 20		52.5 ℄ SERVICE RD.
				634 96		64.5 GUT. OUT
				634 81		66.5 " IN
				634 90		66.5 T.C. DEP.
18+00				634 81		℄
				634 58		12.0 PVMT.
				634 33		21.4 GUT. OUT
				634 15		23.4 " IN
				634 79		23.4 T.C. ISLAND
				636 13		37.4 T.C. "
				635 67		37.4 F.L. "
				635 53		51.4 ℄ SERVICE RD.
				635 22		63.4 GUT. OUT
				635 10		65.4 " IN
				635 71		65.4 T.C.
				634 91	6.7 F.L. MAC. CURB	

F.B. 3335 Pg. 144

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____ X-Sec. ____

Survey by L.L. BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ No. ____

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

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND AVE.	
					LEFT ℄ WEST	RIGHT ℄ EAST
18+00				635 41	6.7 T.C. MAC. CURB	
				635 3	10.0 TOP BRK. GRD.	
				634 1	20.0 BOT. " "	
				633 9	40.0 GRD.	
18+61.6				636 50		36.5 T.C. ISLAND
				635 98		36.5 F.L. "
				635 77		50.5 ℄ SERVICE RD.
				635 50		62.5 GUT. OUT
				635 33		64.5 " IN
				635 98		64.5 T.C.
18+93.2				635 77		60.6 EDGE CONC. X-GUT
				635 71		63.6 F.L. " " "
18+89.6				636 13		35.7 END CONC. GUT. ISLAND
18+97.8				636 63		35.6 T.C. ISLAND
				636 10		35.6 F.L. CONC. GUT.
				636 25		37.6 GUT. OUT.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 Division No. 17
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-5-67
Date ____ Date ____ Map No. ____ Indexed C. J. Date ____

F.B. 3335 PG. 145

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
19+00				635 08		℄
				635 12	9.9 F.L. MAC. CURB	
				635 63	9.9 T.C. "	
				635 6	16.0 TOP BRK. GRD.	
				634 7	25.0 BOT. " "	
				634 0	40.0 GRD.	
19+11.41 N. =1+00 E.				635 14	℄ INT. BEN LOMOND AVE. & RIMVIEW DR.	

END PROFILE & X-SECTS. ON BEN LOMOND AVE.

F.B. 3335 PG. 146 Job No. 6112 17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No. X-Sec.
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. Checked
Indexed G. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	RIMVIEW	DR.
					LEFT ℄ NORTH	RIGHT ℄ SOUTH
	BEGIN	PROFILE ℄	X-SECTS.	GOING	EAST ON RIMVIEW DR.	
1+00				635 14	℄ INT. BEN LOMOND AVE. ℄	RIMVIEW DR.
1+11.0				634 94		℄ PVMT.
1+19.2				634 62		℄ GUT. OUT
1+21.2				634 52		℄ " IN
1+21.2				635 15		℄ T.C. ISLAND
1+39.5				636 47		℄ T.C. "
1+39.5				635 98		℄ GUT. IN
1+41.5				636 11		℄ " OUT
1+49.0				636 00		℄ PVMT.
1+59.8				635 85		℄ EDGE CONC. X-GUT.
				635 91	11.0 CONC.	
1+62.8				635 80		℄ F.L. CONC. X-GUT.
				635 78	13.0 F.L. GUT.	
				636 23	13.0 T.C.	
1+65.9				635 86		℄ EDGE CONC. X-GUT.
				635 81		11.2 CONC.

Profile No. ____ Notes Rcd. ____ Date ____ Plotted ____ Date ____ Job No. 6112 Division No. 17
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of BEN LOMOND AVE. J.D. Survey by L.L. BRUNN Notes L.L.B. Date 1-5-67
Map No. ____ Date ____ Indexed C. J. GALLI Date ____

F.B. 3335 Pg. 147

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	RIMVIEW	DR.
					LEFT & NORTH	RIGHT & SOUTH
1+65.9				635 94	9° CONC.	
1+72.8				636 07		℄
				636 06	6.5 PUMT	
				635 98	9.8 GUT. OUT	
				635 77	13° " IN	
				635 83	13° T.C. DEP.	
1+87.5				635 85	13° END CONC. GUT.	
2+01.6				636 29		℄
				636 19		6.5 PUMT
				635 97		11° GUT. OUT
				635 80		13° " IN
				636 30		13° T.C.
				636 18	6.5 PUMT	
				635 88	13° F.L.	
				636 33	13° T.C.	

F.B. 3335 PG. 148

Job No. 6112.17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____ X-Sec. ____

Survey by L.L. BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ No. ____

Indexed G. J. GALLI Date ____ Date ____ Date ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	RIMVIEW	DR.
					LEFT & NORTH	RIGHT & SOUTH
2+13.0				635 95		13.0 END CONC. GUT.
2+41.6				636 44		℄
				636 33		6.5 PVMT.
				636 03		13.0 F.L.
				636 49		13.0 T.C.
				636 34	6.5 PVMT.	
				636 02	13.0 F.L.	
				636 14	13.0 T.C DEP.	
3+00.6		W. RIM = 636.67		636 68	1' (LT.) S.S.M.H. MEAN RIM	
S.S.M.H.		E. RIM = 636.68				MEAN RIM = 636.68
		MEAN R. = 636.68				MEAS. -6.85
						TOP PIPE 629.83
						DIA. " -0.67
				629 16	INV. 8" INLET E.	INV. 629.16

Profile Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-6-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 Pg. 149

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	RIMVIEW	DR.
					LEFT & NORTH	RIGHT & SOUTH
3+00 6				636 68	1' (LT.) S.S. M.H. MEAN	RIM
S.S. M.H.						MEAN RIM = 636.68
						MEAS. -6.97
						TOP PIPE 629.71
						DIA. " -0.67
				629 04	INV. 8" OUTLET W.	INV. 629.04
3+41 6				636 85		℄
				636 74		6 5 PUMT.
				636 46		13 0 F.L.
				636 93		13 0 T.C.
				636 76	6 5 PUMT.	
				636 46	13 0 F.L.	
				636 96	13 0 T.C.	

END OF PROFILE & X-SECTS. ON RIMVIEW DR.

F.B. 3335 PG. 150

Job No. 6112 12 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

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

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
	RESUME PROFILE & X-SECTS. GOING NORTH ON BEN LOMOND AVE.					
19+12 2		S. RIM = 635.16		635 16	2' (LT.) S.S.M.H MEAN RIM	
S.S.M.H.		N. RIM = 635.16				MEAN RIM = 635.16
		MEAN R. = 635.16				MEAS. -7.84
						TOP PIPE 627.32
						DIA. " -0.67
				626 65	INV. 8" INLET E.	INV. 626.65
						MEAN RIM = 635.16
						MEAS. -7.68
						TOP PIPE 627.48
						DIA. " -0.83
				626 65	INV. 10" INLET S.	INV. 626.65
						MEAN RIM = 635.16
						MEAS. -7.77
						TOP PIPE 627.39
						DIA. " -0.83
				626 56	INV. 10" OUTLET N.	INV. 626.56

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-6-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 PG. 151

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
19+94.4	℄ CONC. DRAIN			635 76		℄
				635 51		10.0 PVMT.
				635 22		17.7 GUT. OUT
				635 01		19.7 " IN
				635 85		19.7 T.C.
				635 93	14.5 F.L. MAC. CURB	
				636 43	14.5 T.C. MAC.	
				636 5	17.0 TOP BRK. GRD.	
				635 8	23.0 BOT. " "	
				635 0	40.0 GRD.	
20+15.9					25.9 (RT.) STEEL LID TO CONC. DRAIN	
					EL. TOP STEEL LID = 636.35	
						-1.24
				635 11	INV. CONC. DRAIN	INV. 635.11
20+24.6				636 11		℄
				635 93		10.0 PVMT.
				636 24		20.5 GUT. OUT

F.B. 3335 PG. 152

Job No. 6112 '7 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

Indexed G. J. GALLI Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
20+24.6				636 11		22.8 GUT. IN
				636 35		22.8 T.C.
20+51.6				636 37		℄
				636 24		10.0 PVMT.
				636 77	20.3 F.L. MAC. CURB END.	
				637 22	20.3 T.C. " "	
				635 7	40.0 GRD.	
20+74.+8 N. = 1+00 E.				636 51	℄ INT. BEN LOMOND AVE.	& BASE LINE RD.
B.M.S.D. 2819				636 02	B.M.S.D. 2819 ELEV. 636.015 (FIELD) F.B. 3335-9 BEN LOMOND AVE. & BASE LINE RD., N.W. COR. 5' W. OF W. C.R. SPK. IN LD.	
	END OF PROFILE & X-SECTS. ON BEN LOMOND AVE.					

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6112 17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-6-67
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3335 PG. 153

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	BASE LINE	RD.
					LEFT & NORTH	RIGHT & SOUTH
BEGIN PROFILE & X-SECTS. GOING EAST ON BASELINE RD.						
1+00 E.					℄ INT. BEN LOMOND AVE. & BASELINE RD.	
1+06.0				636 36		℄ PVMT. BRK.
1+21.8				636 69		℄
				636 70	14.0 PVMT.	
				636 71	25.9 EDGE CONC. GUT. END	
				636 46	28.5 " " " END.	
1+25.0				636 68	25.9 GUT. OUT	
				636 41	28.5 TOP CONC. DRAIN	
				635 53	28.5 F.L. " "	
				635 76	30.6 EDGE CONC.	
1+28.3				636 77		℄
				636 63		15.0 PVMT.
				636 49		38.0 GUT. OUT
				636 32		39.8 " IN
				636 47		39.8 T.C.
				636 77	14.0 PVMT.	

F.B. 3335 PG. 154

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

Indexed G. J. GALL Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BASELINE	RD.
					LEFT & NORTH	RIGHT & SOUTH
1+28 3				636 71	25° GUT. OUT	
				636 47	27° " IN	
				637 04	27° T.C.	
1+54 2	C.R.			636 72		28° GUT. OUT
				636 56		30° " IN
				636 83		30° T.C.
1+64 2				637 15		
				636 98		15° PVMT.
				636 73		28° GUT. OUT
				636 57		30° " IN
				636 92		30° T.C.
				637 16	14° PVMT.	
				636 93	26° GUT. OUT	
				636 78	28° " IN	
				637 44	28° T.C.	

Profile No. X-Sec. No.
Notes Red. Date Notes Chkd. Date
Plotted Date Checked Date
Job No. 6112 LZ Division No.
Survey of BEN LOMOND AVE. S.D.
Survey by L.L. BROWN Notes L.L.B. Date 1-6-67
Map No. Indexed Date
F.B. 3335 Pg. 155

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STATION	B. S.	H. I.	F. S.	ELEV.	BASE LINE	RD.
					LEFT & WEST	RIGHT & SOUTH
2+04²				637 63		℄
				637 45		15° PVMT.
				636 99		28° GUT. OUT
				636 77		30° " IN
				637 40		30° T.C.
				637 57	14° PVMT.	
				637 19	26° GUT. OUT	
				637 07	28° " IN	
				637 20	28° T.C. DEP.	
3+04²				638 60		℄
				638 51		15° PVMT.
				638 25		28° GUT. OUT
				638 08		30° " IN
				638 75		30° T.C.
				638 57	14° PVMT.	
				638 06	26° GUT. OUT	
				637 93	28° " IN	
				638 53	28° T.C.	

F.B. 3335 PG. 156 Job No. 6112 17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No. X-Sec.
Survey by L.L. BROWN Notes Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BASE LINE	RD.
					LEFT & NORTH	RIGHT & SOUTH
3+97 ± S.S.M.H.	W. RIM = 639.74			639 79	7' (LT.) S.S.M.H. MEAN RIM	
	E. RIM = 639.84					MEAN RIM = 639.79
	MEAN R = 639.79					MEAS. -8.89
						TOP PIPE 630.90
						DIA. " -0.67
				630 13	INV. 8" INLET N.	INV. 630.13
						MEAN RIM = 639.79
						MEAS. -8.63
						TOP PIPE 631.16
						DIA. " -1.50
				629 66	INV. 18" INLET E.	INV. 629.66
						MEAN RIM = 639.79
						MEAS. -8.72
						TOP PIPE 631.07
						DIA. " -1.50
				629 57	INV. 18" OUTLET W.	INV. 629.57
	END OF PROFILE & X-SECTS. GOING EAST ON BASELINE RD.					

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 Division No. 17
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-6-67
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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F.B. 3335 PG. 158 | Job No. 6112 17 | Division No. | Notes Red | Plotted | Profile
Survey of BEN LOMOND AVE. S.D. | Date | Date | No.
Survey by L.L. BROWN Notes L.L.B. | Notes Chkd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	BASE LINE	RD.
BEGIN PROFILE & CROSS SECTION GOING WEST ON BASELINE RD.					LEFT & SOUTH	RIGHT & NORTH
20+84.48 N.				636.66	& INT. BEN LOMOND AVE.	(N) & BASELINE RD.
= 1+00 W.						
1+12 ℄				636.74		℄
				636.83		15° PVMT.
				636.61	10° PVMT.	
				636.62	20³ BOT. CONC. WALL	
				637.41	20³ TOP " "	
				637.1	20⁹ GRD. AT BACK WALL	
1+65 ℄				636.13		℄
				636.02		15° PVMT.
				635.42		28° CCT. OUT
				635.29		30° " IN
				636.08		30° T.C.
				635.80	10° PVMT.	
				635.81	20³ BOT. CONC. WALL	
				636.87	20³ TOP " "	
				635.4	20⁹ GRD. AT BACK WALL	

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STATION	B. S.	H. I.	F. S.	ELEV.	BASELINE	RD.
					LEFT & SOUTH	RIGHT & NORTH
4+40 1		E. RIM = 63	0.86	630 85	19 3 (RT.) S.S.M.H. MEAN	RIM
		W. RIM = 63	0.84			MEAN RIM = 630.85
		MEAN RIM =	630.85			MEAS. -8.41
						TOP PIPE 622.44
						DIA. " -1.50
				620 94	INV. 18" INLET E.	INV. 620.94
						MEAN RIM = 630.85
						MEAS. -8.50
						TOP PIPE 622.35
						DIA. " -1.50
				620 85	INV. 18" OUTLET W.	INV. 620.85

END OF PROFILE & X-SECTS. GOING WEST ON BASE LINE RD.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-6-67
Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F.B. 3335 PG. 159

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST.
RESUME PROFILE & X-SECTS. GOING NORTH ON BEN LOMOND AVE.						
20+98 7		S. RIM = 636.75		636 75	0 4 (RT.) S.S.M.H. MEAN RIM	
S.S.M.H.		N. RIM = 636.76				MEAN RIM = 636.75
		MEAN R. = 636.75				MEAS. - 9.78
						TOP PIPE 626.97
						DIA. " - 1.50
				625 47	INV. 18" INLET E.	INV. 625.47
						MEAN RIM = 636.75
						MEAS. - 9.73
						TOP PIPE 627.02
						DIA. " - 0.83
				626 19	INV. 10" INLET S.	INV. 626.19
						MEAN RIM = 636.75
						MEAS. - 9.48
						TOP PIPE 627.27
						DIA. " - 1.00
				626 27	INV. 12" INLET N.	INV. 626.27

F.B. 3335 PG. 160

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed G. J. GALLI Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMONO	AVE.
					LEFT 9' WEST	RIGHT 9' EAST
20+98.7				636 75	0.4 (RT.) S.S.M.H. MEAN	RIM
S.S.M.H.						MEAN RIM = 636.75
						MEAS. - 9.86
						TOP PIPE 626.89
						DIA. " - 1.50
				625 39	INV. 18" OUTLET W.	INV. 625 39
21+ 00				636 73		℄
21+17.1				636 75		℄
				636 61		28.3 TOP MAC. DRAIN
				635 88		30.1 BOT. " "
				635 84		33.0 BOT. " "
				637 1		36.0 TOP BANK GRD.
				637 2		40.0 GRD.
21+38.0				636 88		℄
				636 49		15.5 TOP MAC. DRAIN
				635 97		17.0 BOT. " "
				635 91		18.5 BOT. " "

Profile Notes Red. Plotted Job No. 6112.17 Division No.
No. Date Date Survey of BEN LOMONO AVE. J.O.
X-Sec. Notes Chkd. Checked Survey by L.L. BRIMM Notes L.L.B. Date 1-9-67
No. Date Date Map No. Indexed Date

F.B. 3335 PG. 161

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
21+38°				6374		21⁵ TOP BANK GRD.
				6371		40° GRD.
21+49²				63694		℄
				63671	15° PVMT	
				63616	28° GUT. OUT	
				63601	30° " IN	
				63680	30° T.C.	
				6369	40° P/L GRD.	
21+88°				63705		10⁴ TOP MAC. DRAIN
				63605		12⁴ BOT. " "
				63600		15⁴ BOT. " "
				6371		17⁵ TOP DRAIN GRD.
22+00				63727		℄
				63714		7° PVMT
				63737		10³ EDGE CONC. BRIDGE
				63750		17⁵ " " "

F.B. 3335 PG. 162

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

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

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE
					LEFT & WEST	RIGHT & EAST
22+00				637 31		40° PVMT. DRIVEWAY
				637 25	7° PVMT.	
				636 71	14° " EDGE	
				636 63	20.5 BOT. WALL	
				637 24	20.5 TOP MAC. BERM	
				638 27	20.5 TOP STONE WALL	
				636 4	21.5 GRD. AT BACK WALL	
				636 1	40° GRD.	
22+50°	GRD. BRK.	TOP WALL		638 70	20° TOP WALL	
22+50.5				637 72	20° " "	
23+00				637 86		℄
				637 76		8° PVMT
				637 75		10° TOP DRAIN
				636 7		12° BOT. DIRT DRAIN
				636 7		17° BOT. " "
				638 1		18 TOP BANK
				638 2		40° GRD.

Profile Notes Red ____ Plotted ____ Job No. 6112 Division No. 17
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-9-67
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3335 PG. 163

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
23+00				637 77	7° PVMT	
				637 30	13.5 EDGE PVMT	
				637 2	20° BOT. STONE WALL GRD.	
				638 01	20° TOP WALL	
				637 1	21° GRD. BACK WALL	
				636 8	40° GRD.	
24+00			⊙	638 57		℄
				638 42		8° EDGE PVMT. TOP DRAIN
				636 9		10° BOT. DIRT DRAIN
				636 9		12° BOT. " "
				638 3		17° TOP BANK
				638 8		40° GRD.
				638 38	7° PVMT	
				638 06	13° " EDGE	
				637 6	20° BOT. STONE WALL GRD.	
				638 55	20° TOP " "	
				637 6	21° GRD. BACK WALL	
				637 3	40° GRD.	

F.B. 3335 PG. 164

Job No. 6112 17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No. X-Sec.
Survey by L. G. BROWN Notes L.G.B. Notes Chkd. Checked No.
Indexed Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE
					LEFT & WEST	RIGHT & EAST
24+44²		S. RIM = 638.88		638 88	5° (RT.) S.S.M.H. MEAN	RIM
S.S.M.H.		N. RIM = 638.89				MEAN RIM = 638.88
		MEAN R. = 638.88				MEAS. -9.10
						TOP PIPE 629.78
						DIA. " -1.00
				628 78	INV. 12" INLET N.	INV. 628.78
						MEAN RIM = 638.88
						MEAS. -9.18
						TOP PIPE 629.70
						DIA. " -1.00
				628 70	INV. 12" OUTLET S.	INV. 628.70
25+00				639 42		℄
				639 40		7° PVMT
				639 27		10° EDGE CONC. BRIDGE
				639 20		18² " " "
				639 40		40° DRIVEWAY MAC.
				639 33	7° PVMT	
				639 02	11⁵ EDGE PVMT	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 Division No. 17 F.B. 3335 Pg. 165
Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-9-67
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
25+00				638 3	20° BOT. WALL GRD.	
				639 16	20° TOP STONE WALL	
				638 0	21° BACK WALL GRD.	
				637 8	40° GRD.	
25+16 6				639 28	13° EDGE PUMT.	
				638 3	17° F.L. DIRT DRAIN	
				640 27	17° TOP CONC. HEADWALL	
25+62°				639 51	13° EDGE PUMT	
				639 5	14° TOP BRK	
				638 8	17° F.L. DIRT DRAIN	
				640 48	17° TOP CONC. HEADWALL	
25+78°				639 45	13° EDGE PUMT	
				638 80	20° BOT. STONE WALL PUMT.	
				637 9	30° GRD.	
25+87°				639 48	20° BOT. STONE WALL	
				640 59	20° TOP " "	

F.B. 3335 PG. 166

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L.298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT ℄ WEST	RIGHT ℄ EAST
25+87±				630 28	21± BOT. WALL BACK SIDE PVMT	
25+88±	END CONC. CURB			639 27	28± GUT. OUT	
				639 17	30± " IN	
				639 83	30± T.C.	
26+00			⊙	639 97		℄
				639 85		8± EDGE PVMT
				638 4		10± BOT. DIRT DRAIN
				638 3		16± " " "
				639 4		17.5± TOP BANK
				639 4		40± GRD
				639 61	12± PVMT	
				639 40	28± GUT. OUT	
				639 30	30± " IN	
				639 93	30± T.C.	
26+72±				640 47		℄
				640 18	12± PVMT	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6112 17 Division No. Survey of BEN LOMOND AVE. S.D. Survey by L.L. BROWN Notes L.L.B. Date 1-8-67 Map No. Indexed Date

F.B. 3335 PG. 167

76-L-298 CE 307 2-63

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F.B. 3335 PG. 168

Job No. 6112 17 Division No. Notes Red Plotted Profile No.
Survey of BEN LOMOND AVE. S.D. Date Date X-Sec. No.
Survey by L.L. BROWN Notes L.L.B. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT ℄ WEST	RIGHT ℄ EAST
26+72°				640 13	28° GUT. OUT	
				640 04	30° " IN	
				640 61	30° T.C.	
27+00				640 80		℄
				640 66		8° EDGE PVMT. TOP BANK
				638 7		10° BOT. DRAIN
				638 6		16° " "
				640 7		18° TOP BANK
				640 7		40°
27+10° END	MAC. DRAIN			640 77		8° EDGE PVMT. TOP MAC. DRAIN
				638 91		11° BOT. MAC. DRAIN
				638 90		16° " " "
				640 9		18° TOP BANK GRD.
27+19.5	C.R.			640 08	67.5 T.C.	
				639 43	67.5 GUT.	
				639 59	67.5 GUT. OUT	

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE
					LEFT ℄ WEST	RIGHT ℄ EAST
27+37.06				641.28	℄ INT. BEN LOMOND AVE.	℄ PETUNIA ST.
				641.19		9° EDGE PVMT. TOP MAC. DRAIN
				639.48		12° BOT. MAC. DRAIN
				639.52		16° " " "
				641.4		18° TOP BANK
				640.95	15° PVMT	
				640.66	30° "	
				640.06	67° "	
27+45°				641.30		10° PVMT.
				640.91		15° " MAC. DRAIN
				640.57		20° " " "
				641.36		21° TOP MAC. BEAM
				641.86		28° GUT. OUT
				640.76		30° " IN
				641.40		30° T.C.
27+54±	C.P.			641.17	15° PVMT	
				640.90	30° "	
				640.09	67° GUT. OUT	

Profile Notes Red ____ Plotted ____ Job No. 6112.12 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-9-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 PG. 169

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST.
27+54'				639 96	67⁵ GUT. IN	
				640 56	67⁵ T.C.	
B.M. S.D. 2820				639 81	B.M. S.D. 2820 ELEV. 639.806 (FIELD) F.B. 3335-9	
					BEN LOMOND AVE. & PETUNIA ST. S.W. COR.	
					5' W. OF W.C.R. BT. SPK. IN LD.	
27+57°				641 04		28° GUT. OUT
				640 90		30° " "
				641 54		30° T.C.
27+94³	S. RIM = 641.94			641 94	5° (RT.) S.S.M.H. MEAN	RIM
S.S.M.H.	N. RIM = 641.94					MEAN RIM = 641.94
	MEAN R. = 641.94					MEAS. - 9.52
						TOP PIPE 632.42
						DIA. " - 1.00
				631 42	INV. 12" INLET N.	INV. 631.42

F.B. 3335 PG. 170

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

Indexed G. J. GALLI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT ℄ WEST	RIGHT ℄ EAST
27+94³				641 94	5° (RT.) S.S.M.H. MEAN	RIM
S.S.M.H.						MEAN RIM = 641.94
						MEAS. - 9.67
						TOP PIPE 632.27
						DIA. " - 1.00
				631 27	INV. 12" OUTLET S.	INV. 631.27
28+00				641 95		
				641 75		15°
				641 41		28° GUT. OUT.
				641 25		30° " IN
				641 88		30° T.C.
28+01⁶				641 68	15° PUMT	
				641 47	28° GUT. OUT	
				641 28	30° " IN	
				641 94	30° T.C.	

Profile Notes Rod ____ Plotted ____ Job No. 6112 11 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.13 Date 1-9-67
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3335 Pg. 171

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
28+41.6				642 35		℄
				642 18	15° PUMT	
				641 82	28° GUT. OUT	
				641 65	30° " IN	
				642 30	30° T.C.	
29+00				642 90		℄
				642 72		15° PUMT
				642 30		28° GUT. OUT
				642 12		30° " IN
				642 75		30° T.C.
				642 61	15° PUMT	
				642 34	28° GUT. OUT	
				642 14	30° " IN	
				642 80	30° T.C.	
30+00				644 11		℄
31+00			⊙	645 35		℄

F.B. 3335 PG. 172

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ No. ____

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

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

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
31+40±	S. RIM = 645.18			645 18	24± (RT.) S.S.M.H.	MEAN RIM.
S.S.M.H.	N. RIM = 645.18					MEAN RIM = 645.18
	MEAN R. = 645.18					MEAS. -6.80
						TOP PIPE 638.38
						DIA. " -1.00
				637 38	INV. 12" INLET N.	INV. 637.38
						MEAN RIM = 645.18
						MEAS. -7.00
						TOP PIPE 638.18
						DIA. " -1.00
				637 18	INV. 12" OUTLET S.	INV. 637.18
32+00				646 26		
33+00				647 09		
				646 85		15± PVMT.
				646 44		28± CUT. OUT.
				646 23		30± " IN.

Profile Notes Red ____ Plotted ____ Job No. 6112 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Party Notes L.L.B. Date 1-9-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 PG. 173

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
33+00				646 90		30° T.C.
				646 88	15° PVMT.	
				646 60	28° GUT. OUT	
				646 46	30° " IN	
				647 10	30° T.C.	
33+49 4				647 55		℄
				647 31		15° PVMT.
				646 97		28° GUT. OUT.
				646 78		30° " IN
				647 42		30° T.C.
33+54 2				647 60		℄
				647 31	15° PVMT.	
				647 13	28° GUT. OUT	
				647 00	30° " IN	
				647 62	30° T.C.	

F.B. 3335 PG. 174

Job No. 6112 17 Division No. Notes Red. Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No. X-Sec.
Survey by L. L. BROWN Notes L. L. B Notes Chkd. Checked
Indexed G. J. GALLI Date Date Date No.

76-1-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BEN LOMOND	AVE.
					LEFT & WEST	RIGHT & EAST
33+84.0				647 53		26.5 EDGE CONC. X-GUT.
				647 48		29.5 F.L. " " "
33+99.2	C.R.			646 91	65.0 T.C.	
				646 26	65.0 GUT. IN.	
				646 43	65.0 " OUT	
34+00				648 15		℄
34+09.58				648 25	℄ INT. BEN LOMOND AVE. & MAUNALOA AVE.	
B.M.S.D. 2821				649 17	B.M.S.D. 2821 ELEV. 649.165 (FIELD)	F.B. 3335-10 BEN LOMOND
					AVE. & MAUNALOA AVE. (E. SIDE OF ISLAND) 5' N. OF E.	
					C.R. BT. SPK. IN LEAD	
CONTINUE PROFILE & CROSS SECTIONS GOING EAST ON MAUNALOA AVE.						
34+24.6				648 05		℄
34+32.9	W. RIM = 647.85			647 82	5.0 (RT.) S.S.M.H. MEAN RIM	
S.S.M.H.	E. RIM = 647.80					MEAN RIM = 647.82
	MEAN R. = 647.82					MEAS - 7.22
						TOP PIPE 640.60
						DIA. " - 1.00
				639 60	INV. 12" INLET N.	INV. 639.60

Profile Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.C. BROWN Notes L.C.B. Date 1-9-67
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	MAUNA LOA	AVE
					LEFT & NORTH	RIGHT & SOUTH
34+32.9				647 82	5° (RT.) S.S.M.H. MEAN RIM.	
S.S.M.H.						MEAN RIM = 647.82
						MEAS. -7.52
						TOP PIPE 640.30
						DIA. " -0.67
				639 63	INV. 8" INLET E.	INV. 639.63
						MEAN RIM = 647.82
						MEAS. -7.43
						TOP PIPE 640.39
						DIA. " -1.00
				639 39	INV. 12" OUTLET S.	INV. 639.39
34+35.7				647 78		℄ EDGE CONC. X-GUT.
				647 91	22° CONC. X-GUT	
34+38.7				647 84		℄ F.L. CONC. X-GUT.
				647 87	20° F.L. CONC. X-GUT.	
34+41.7				647 84		℄ EDGE CONC. X-GUT.

F.B. 3335 PG. 176

Job No. 6112 17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BENLOMOND AVE. S.D. Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	MAUNA LOA	AVE.
					LEFT & NORTH	RIGHT & SOUTH
34+41.7				647 67		13.1 CONC. X-GUT.
				648 00	17.0 CONC.	
				647 91	20.0 F.L. CONC. X-GUT.	
34+53.7				648 40		℄
				648 14		7.5 PUMT.
				647 84		13.0 GUT. OUT
				648 35	10.0 PUMT.	
				647 99	17.0 EDGE CONC. X-GUT.	
				647 95	20.0 F.L. " " "	
				648 03	23.0 EDGE " " "	
34+77.7				648 23	17.0 EDGE CONC. X-GUT.	
				648 13	20.0 F.L. " " "	
				648 23	23.0 EDGE " " "	
34+84.2				648 95		℄
				648 67		7.5 PUMT.
				648 23		13.0 GUT. OUT

Profile Notes Red ____ Plotted ____ Job No. 6112 17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. BROWN Notes L.L.B. Date 1-9-67
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3335 PG. 177

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F.B. 3335 Pg. 178

Job No. 6112 17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No.
Survey by L.L. BROWN Notes L.C.B. Notes Chkd. Checked X-Sec.
Indexed C. J. GALL Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	MAUNA LOA	AVE.
					LEFT ℄ NORTH	RIGHT ℄ SOUTH
34+84 2				648 69		15° CUT. IN
						15° T.C.
35+00				649 12		℄
35+16 8				649 30		℄
				649 23	10° PUMT	
				648 87	18° CUT. OUT	
				648 73	20° " IN	
				649 38	20° T.C.	
35+24 2				649 34		℄
				649 14		7° PUMT
				648 90		13° CUT. OUT
				648 71		15° " IN
				649 35		15° T.C.
				649 30	10° PUMT.	
				649 00	18° CUT. OUT	
				648 86	20° " IN	
				649 50	T.C.	

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	MAUNA LOA	AVE.
					Left and NORTH	℄ Right and South
36+00				650 57		℄
				650 41		7.5' pvt.
				650 18		13' GUT OUT
				650 04		15' GUT IN
				650 14		15' T.C. DEP
				650 64	10' 1/4 pvt.	
				650 24	18' GUT OUT	
				650 11	20' GUT IN	
				650 22	20 T.P. DEP	
37+00				652 48		℄
37+87 2 SS.M.H.		W RIM = 65 372 E RIM = 65 374 MEAN RIM 65 373		653 73		5' R.T. SS MH MEAN RIM MEAN RIM = 653.73 MEA. = -7.29 Top PIPE 646.44 DIA. 0.67
				645.77	INV. 8" INLET E.	INV. 645.77

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes GRM Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3335 Pg. 179

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	MAUNA LOA	AVE.
					Left ℄ N.	Rt ℄ So.
37+87 ± S.S.M.H.				653 73	5' Rt. S.S.M.H. Mean RIM	
						Med. RIM 653.73
						Med -7.40
						Top Pipe 646.33
						Dia. - 67
				645.66	Inv. 8" outlet W.	Inv. 645.66
38+00				653 95		℄
39+00				655 08		℄
39+16				655 21		℄
				655 05		7.5 1/4 PAVT.
				654 73		13' Gut out
				654 73		15' Gut IN
				655 38		15' T.P.

F.B. 3356 Pg. 180

Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND S.D. Date Date No. X-Sec.
Survey by L.L.B. Notes G.R.M. Notes Chkd. Checked
Indexed G. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	MAUNA LOA	AVE.
					Lt ℄ NO.	Rt ℄ So.
39+53				654 53		42' E.G. Gutout
				654 35		Gut
				654 94		T.C
39+70 67			①	655 80	℄ INT. MAUNA LOA AVE. ℄ LA SERENA D...	
				654 90		42' R Pvt.
39+82				655 02		42' E.C. Gutout
				654 88		Gut IN
				655 52		T.C.
40+00				656 24		℄
				656 21	10' 1/4 PAVT.	
				655 84	18' Gutout	
				655 75	20' GUT IN	
				656 21	20' T.C. DEP	
40+26 6				656 58		℄
				656 44		7.5' PAVT.
				656 27		13' Gutout

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMOND G.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes G.R.M. Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3335 Pg. 181

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	[illegible]	[illegible]
					Lt. ¢ No.	Rt ¢ So.
40+26.6				656 10		15' Gut IN
				656 71		15' T.C.
40+66.6				657 12		℄
				656 95		7.5' PVT.
				656 72		13' Gut out
				656 60		15' Gut IN
				656 80		15' T.C DEP
				657 13	10' PVT.	
				656 67	18' Gut out	
				656 55	20' Gut IN	
				657 [illegible]	20' T.C.	
40+74.0				656 81	18' Gut out CTR. DR.	
				656 64	20' FL	
				657 28	20' TOP DR.	
41+00				657 67		℄
				657 42		7.5' PMT.

F.B. 3335 Pg. 182 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND S.D. Date Date No. X-Sec.
Survey by L.L.B. Notes G.R.M. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	MAUNA LOA	AVE.
					Left ¢ NO.	Right ¢ SO.
41+00				657 18		13' Gutout
				657 02		15 Gut IN.
				657 65		15' T.C
				657 58	10 PMT	
				657 10	18' Gut out	
				656 94	20' Gut IN	
				657 51	20' T.C. DEP.	
41+40.9		W. RIM 658	10	658 10		5' RT. S.S.M.H. Mea RIM
S.S.M.H.		E RIM 658	10			MEAN RIM 658.10
		Mea RIM 658	10			-7.24
						Mea —
						Top Pipe 650.86
						DIA. -0.67
				650.19	INV. 8" INLet EAST	INV. 650.19
						Mean RIM 658.10
						Mea -7.50
						Top Pipe 650.60
						DIA -0.67
				649.93	INV. 8" outlet W	INV. 649.93

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3335 Pg. 183
No. ____ Date ____ Date ____ Survey of BEN LOMOND S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes G.R.M. Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	MAUNA LOA	AVE.
					Left ¢ No.	Right ¢ So.
42+00				658.96		℄
42+69.8				659.38	18' Gutout CTR CONC DR	
				659.25	20' FL	
				659.89	20' Top Conc DR	
42+81.7				659.63	30' FL CTR. DR	
43+00				660.17		℄
44+00				661.42		℄
				661.28		7.5' PVT.
				661.10		13' Gutout
				660.90		15' Gut IN
				661.00		15' T.C. DEP.
				661.24	10' PAT.	
				661.09	18' Gutout	
				660.95	20' Gut IN	
				661.56	20' T.C.	

F.B. 3335 PG. 184

Job No. 6112.17 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEN LOMOND S.D. Date ____ Date ____ No. ____

Survey by L.L.B. Notes G.R.M. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed S. J. GALLE Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	MAUNA LOA	AVE.
					Left ¢ NO.	Right ¢ SO.
44+91.2						
S.S.M.H.		W.RIM 662	53	662 56		5' Rt. S.S.M.H. Mean RIM
		E.RIM 662	59			Mean RIM 662.56
		Mean RIM 662	56			-6.96
						Mea
						Top Pipe 655.60
						DIA. -0.67
				654 93	INV. 8" Inlet E.	INV. 654.93
						Mean RIM 662.56
						-7 12
						Mea
						Top Pipe 655.44
						DIA. -0.67
				654.77	INV 8" outlet W.	INV. 654.77
45+00				662 75		℄
46+00				664 15		℄ -
				663 95		7.5' PVT.
				663 68		13' Gut out
				663 50		15' Gut IN

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3375 Pg. 185
Date ____ Date ____ Survey of BEN LOMOND S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes G.R.M. Date 1-67
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3335 Pg. 186

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

Survey of BEN LOMOND S.D. Date _____ Date _____ No. _____

Survey by L.L.B. Notes G.R.M. Notes Chkd. _____ Checked _____ X-Sec.

Indexed C. J. GALLI Date _____ Date _____ Date _____ No. _____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	MAUNA LOA	AVE
46+00					Left ∢ NO.	Right ∢ SO. 15' T.C.
				[illegible]	10' PAV.	
				[illegible]	18' GUT OUT	
				[illegible]	20' GUT IN	
				[illegible]	20' T.C.	
46+65.8				664 62	18° ∢ PT. CONC GUT (Edge)	

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	MAUNALOA	AVE
					LEFT & NORTH	RIGHT & SOUTH
B.M. S.D. 2823				665 33	B.M. S.D. 2823, ELEV. 665.334 F.B. 3335-11	
					MAUNA LOA AVE & VECINO DR N.W. COR 5' W. of W.	
					cb. RETURN, BT. SPK IN LEAD	
46+70				665 11		℄ PVM'T
				664 98	10° PVM'T	
				664 70	18° GUT OUT	
				664 57	20° " IN	
				665 20	20° T.C.	
47+00				665 60		℄
47+09.8				665 73		℄ PVMT.
				665 80	10° PVMT.	
				665 37	17° EDGE CONC. X-GUT.	
				665 29	20° F.L. " " "	
47+29.90				666 06	℄ INT. MAUNALOA AVE. & VECINO DR.	
			END	CROSS	SECTIONS ON MAUNALOA GOING EAST	

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3335 Pg. 187
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes MGS Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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F.B. 3335 PG. 188 | Job No. 6112.17 Division No. S.D. | Notes Red ____ Date ____ | Plotted ____ Date ____ | Profile No. ____ | X-Sec. No. ____

Survey of BEAL LOMOND AVE. | Notes Chkd. ____ Date ____ | Checked ____ Date ____

Survey by L.L. BROWN Notes M.G.S.

Indexed C. J. GALLI Date 1-67

STATION	B.S.	H.I.	F.S.	ELEV.	MAUNALOA	AVE
					LEFT ℄ NORTH	RIGHT ℄ SOUTH
		BEGIN CROSS SECTIONS ON MAUNA LOA GOING EAST				
1+00 E.				666.06	℄ INT. MAUNA LOA AVE	℄ VECINO DR.
1+05 3		W RIM = 665.93		665.95	5 3 (RT) S.S.M.H. MEAN RIM.	
S.S.M.H.		E. RIM = 665.97				MEAN RIM = 665.95
		MEAN R = 665.95				MEAS. − 7.26
						658.69
						TOP PIPE
						DIA. − .67
				658.02	INV. 8" OUTLET WEST	INV. 658.02
						MEAN RIM = 665.95
						MEAS. − 6.97
						TOP PIPE 658.98
						DIA. − .67
				658.31	INV. 8" INLET NORTH	INV. 658.31

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	MAUNA LOA	AVE
					~~LEFT & NORTH~~	~~RIGHT & SOUTH~~
1+053				665 95	53 (RT) S S M.H. MEAN	RIM.
S.S.M.H.						MEAN RIM - 665.95
						MEAS. - 7.22
						TOP PIPE. 658.73
						DIA. - .67
				658 06	INV. 8" INLET EAST	INV. 658.06
1+ 21º				666 44		℄ PAVMT.
				666 42	10º PVMT.	
				666 06	17º EDGE CONC X-GUT.	
				665 99	20º F.L. " " "	
1+ 59º				666 94		℄
				666 69		7º PVMT.
				666 45		13º GUT. OUT.
				666 29		15º " IN.
				666 93		15º T.C.
				666 97	10º PVMT.	
				666 50	17º GUT. OUT.	

Profile Notes Red ____ Plotted ____ Job No. 611217 Division No. ____
No. ____ Date ____ Date ____ Survey of BEN LOMEND AVE S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes MGS Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3335 Pg. 189

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F.B. 3335 PG. 190 Job No. 6112.17 Division No. ____ Notes Red ____ Plotted ____ Profile No. ____
Survey of BEN LOMOND AVE. S.D. Date ____ Date ____ X-Sec. No. ____
Survey by L. BROWN Notes M.G.S. Notes Chkd. ____ Checked ____
Indexed C. J. GALLI Date 1-67 Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	MAUNA LOA	AVE
					LEFT ℄ NORTH	RIGHT ℄ SOUTH
1+59 ±				66640	20± GUT. IN.	
				66706	20± T.C.	
1+65 ±				66663	18± GUT. OUT	
1+99 ±				66750		℄
				66738		7± PVMT.
				66714		13± GUT OUT
				66697		15± " IN
				66715		15± T.C. (DEP)
				66755	10± PVMT.	
				66714	18± GUT OUT	
				66701	20± " "	
				66765	20± T.C.	
2+12 ± S.S.M.H.		W. RIM. = 667.64 E. RIM = 667.65 MEAN R = 667.64		667 64	5± (RT) SS. M.H MEAN RIM.	

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STATION	B. S.	H. I.	F. S.	ELEV.	MAUNALOA	AVE
					LEFT ℄ NORTH	RIGHT ℄ SOUTH
2+12 ±				667 64	5' (RT) S.S. M.H MEAN RIM	
SS M.H.						MEAN RIM 667.64
						MEAS - 7.50
						TOP PIPE 660.14
					(END M.H NO STUB)	DIA. - .67
				659 47	INV. 8" OUTLET WEST	INV. 659.47
						MEAN RIM
						MEAS
					(NOTE)	TOP PIPE
					(END M.H NO INLET)	DIA.
					INV INLET EAST	INV.
2+99 ±				669 05		℄
				668 82		10± PVMT
				668 51		18± GUT OUT
				668 36		20± " IN
				668 99		20± T.C.
				668 90	10± PVMT	

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____
No. ____ Date ____ Date ____ Survey of BEH LOMOND AVE SD
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L L B Notes M G S Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3335 Pg. 191

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STATION	B.S.	H.I.	F.S.	ELEV.	MAUNA LOA	AVE.
					LEFT & NORTH	RIGHT & SOUTH
2+99.0				668 66	18.0 GUT OUT	
				668 47	20± " IN.	
				669 11	20± T.C.	
	END	CROSS	SECTIONS	ON	MAUNA LOA	
	RESUME	CROSS	SECTION	ON	VECINO DR GOING NORTH.	
					VECINO	DR.
					LEFT & WEST	RIGHT & EAST
47+29.90				666 06	℄ INT. MAUNALOA AVE	& VECINO DR.
47+39.90				666 14		
47+46.90				665 70		℄
47+49.90				665 67		℄
47+52.90				665 71		℄
				666 03		19.7 EDGE CONC. X-GUT.
				665 42	20.5 EDGE CONC. X-GUT.	

F.B. 3335 PG. 192 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No. X-Sec.
Survey by L.L. BROWN Notes M.G.S. Notes Chkd. Checked
Indexed C.J. GALLI Date 1-6-70 Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	VECINO	DR
					LEFT & WEST	RIGHT & EAST
47+87.5				666.31		℄
				666.28		11° PVMT
				666.21		20° GUT OUT
				666.07		22° " IN.
				666.73		22° T.C.
				666.04	11° PVMT.	
				665.61	20° GUT OUT	
				665.45	22° " IN.	
				666.11	22° T.C.	
48+27.5				666.51		℄
				666.53		11° PVMT
				666.34		20° GUT OUT
				666.18		22° " IN
				666.83		22 T.C.
				666.49	11° PVMT.	
				665.96	20° GUT OUT	
				665.83	22° " IN.	
				666.49	22° T.C.	

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3335 Pg. 193
No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes MGS Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	VECINO	DR.
					LEFT & WEST	RIGHT & EAST
49+27 ±				667 55		℄
				667 43		11º PVMT
				666 98		20º GUT. OUT
				666 85		22⊥ " IN
				666 91		22⊥ T.C. (DEP)
				667 45	11º PVMT.	
				667 01	20º GUT OUT	
				666 86	22⊥ " IN	
				667 48	22⊥ T.C.	
50+00			⊙	668 34		℄
50+54 ±		S RIM. = 668.86		668 88	5º (RT) S.S.M.H. MEAN RIM.	
S.S.M.H.		N RIM. = 668.90				MEAN RIM = 668.88
		MEAN R. = 668.88				MEAS. −7.39
						TOP PIPE. 661.49
						DIA. −.67
				660 82	INV. 8" OUTLET SOUTH	INV. 660.82

F.B. 3335 PG. 194
Job No 6112.17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE. S.D. Date Date No. X-Sec.
Survey by L.L. BROWN Notes M.G.S. Notes Chkd. Checked
Indexed C. J. GALLI Date 1-67 Date Date No.

76-L-298 CE 307 2-63

1.67

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STATION	B. S.	H. I.	F. S.	ELEV.	VECINO	DR
					LEFT & WEST	RIGHT & EAST
50+ 54±				668 88	5° (RT) S.S.M.H. MEAN RIM	
S.S.M.H.						MEAN RIM = 668.88
						MEAS. - 7 21
						TOP PIPE 661.67
						DIA - .67
				661 00	INV 8" INLET NORTH	INV 661.00
51 + 00				669 37		℄
52 + 00				670 38		℄
				670 20		11° PVMT
				669 73		20° GUT OUT
				669 58		22± " IN
				670 23		22± T.C.
				670 26	11° PVMT	
				669 71	20° GUT OUT	
				669 54	22± " IN	
				670 22	22± T.C.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3335 Pg. 195

X-Sec. No. ____ Date ____ Date ____ Survey of BEN LOMOND AVE. S.D.

Notes Chkd. ____ Date ____ Checked ____ Survey by L.L. BROWN Notes M.G.S. Date 1-67

Indexed L. J. GALLI Date ____ Map No. ____

76-L-298 CE 307 2-63

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F.B. 3335 PG. 196 Job No. 6112.17 Division No. Notes Red Plotted Profile No.
Survey of BEN LOMOND AVE S.D. Date Date X-Sec. No.
Survey by L.L. BROWN Notes M.G.S. Notes Chkd. Checked
Indexed C. J. GALLI Date 1-67 Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	VECINO	DR
					LEFT & WEST	RIGHT & EAST
53+00				671 37		℄
53+62±				671 84		℄
				671 85		11ℓ PVMT.
				671 36		20ℓ GUT OUT
				671 23		22⊥ " IN
				671 86		22⊥ TC
				671 79	11ℓ PVMT.	
				671 39	20ℓ GUT OUT.	
				671 29	22⊥ " IN.	
				671 85	22⊥ TC.	
				672 09	33ℓ BACK of WALK.	
53+76ℓ				671 99		℄
				671 96	6ℓ PVMT.	
				671 80	13ℓ EDGE of PVMT.	
				671 50	19ℓ BRK " "	
				671 6	22ℓ BRK	
				670 8	27ℓ BRK	

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STATION	B.S.	H.I.	F.S.	ELEV.	VECINO	DR
					LEFT & WEST	RIGHT & EAST
54+00				672 18	℄	
54+04.5		S. RIM = 672.31		672 31	52 (RT) S.S. M.H. MEAN RIM	
S.S.M.H.		N. RIM = 672.32				MEAN RIM = 672.31
		MEAN R. 672.31				MEAS. − 7.92
						TOP PIPE 664.39
						DIA. − .67
				663 72	INV. 8" OUTLET SOUTH	INV. 663.72
						MEAN RIM = 672.31
						MEAS. − 7.81
						TOP PIPE 664.50
						DIA. − .67
				663 83	INV. 8" INLET NORTH	INV. 663.83
55+00				673 37	℄	
55+35.6				673 15		20' W. EDGE of GUT. & PT
11 11				672 95		22' F.L. GUT

Profile Notes Red ____ Plotted ____ Job No 6112.17 Division No. ____ F.B. 3335 Pg. 197
No. ____ Date ____ Date ____ Survey of REN LOMOND AVE S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L.B. Notes M.G.S. Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	VECINO	DR
					LEFT & WEST	RIGHT & EAST
55 + 39.2				673 78		℄
				673 64		11° PAV
				673 17		20° GUT OUT
				672 98		22° " IN
				673 64		22° T.C.
				673 75	6.5 PAV.	
				673 54	13° EDGE PAV.	
				672 2	28° GRD. BRK	
				671 5	34° " "	
				671 6	40° GRD.	
55 + 66.4				673 65		19° ∡ PT IN GUT
				673 50		22° F.L.
55 + 94.93				674 47	℄ INTER VECINO DR & BAGNALL ST.	

END CROSS SECTIONS ON VECINO DR.

F.B. 3335 PG. 198
Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of BEN LOMOND AVE S.D. Date Date No. X-Sec.
Survey by L.L. BROWN Notes MGS Notes Chkd. Checked
Indexed C. J. GAY Date 1-67 Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BAGNALL	ST.
					Left & North	℄ Right & South
Begin Cross sections on Bagnall St. 1+00E = 55+94.93N						
1+00				674 47		℄ intersection
1+11				674 42		℄ 1/4 sec
1+19				673 97		℄ W. edge gut
1+22				673 86		℄ f/L "
1+25				673 95		℄ E. edge "
1+25				673 75		16' E. edge gut
				674 16	16.2 E. edge gut	
1+42.6				674 34	16.2 S " " ∡ Pt.	
				674 21	18' f/L Gut	
1+47.2				673 75		16' N. edge gut ∡ Pt
				673 61		18' f/L "
1+60.3	CR+10			674 42		℄
				674 24		9' 1/4 sec.
				673 86		16.6 N. edge gut

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3335 Pg. 199
No. ____ Date ____ Date ____ Survey of Benlomond Ave S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. Brewer Notes W.A.M. Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. Quiz Date ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+60.3				673 74		18' f/L gut
				674 38		18' Top cb
				674 58	9' 1/4 sec	
				674 52	16.7 S. edge gut	
				674 40	18' f/L "	
				675 06	18' Top cb	
2+00.3	CR+	50		675 00		℄
				674 76		9' 1/4 sec
				674 01		16.8 N. edge gut
				674 24		18' f/L "
				674 90		18' Top cb
				675 12	9' 1/4 sec	
				674 95	16.8 S. edge gut	
				674 83	18' f/L gut	
				675 44	18' Top cb	
3+00.3	CR+	150		676 11		℄

F. B. 3335 PG. 200 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Ben Lomond AVE S.D Date Date No.
Survey by L.L. Brown Notes W.A.M. Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	BAGNALL	ST.
3+00.3	CR+150			675.91		9' 1/4 sec.
				676.58		16.8 N. edge gut
				675.46		18' F/L gut
				676.08		18' Top cb.
				676.24	9' 1/4 sec	
				676.11	16.8 S. edge gut	
				675.97	18' F/L gut	
				676.61	18' Top cb.	
B.M S.P. 2825				677.76	B.M.S.D 2825, Elev 677.765 F.B. 3335-12	
					Vecino Dr. & ALOSTA AVE. S.W. COR.	
					5' S. of S. cb. return. bt. spk in lead	
END CROSS SECTIONS ON BAGNALL ST.						

Profile Notes Red ____ Plotted ____ Job No. 6/12/17 Division No. ____
No. ____ Date ____ Date ____ Survey of Ben Lomond AVE. S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by H.H. Brown Notes M.A.M. Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. Catt Date ____

F. B. 3335 PG. 201

F. B. 3335 PG. 202 Job No. 611217 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of Ben Lomond Ave S.D. _____ Date _____ Date _____ No. _____

Survey by L.L. Brown Notes W.A.M. _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed C. J. GALLI Date _____ Date _____ Date _____ No. _____

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

76-L-295 CE 307 2-63

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76-L298 CE 307 3-61

56+23.8

675.09

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STATION	B.S.	H.I.	F.S.	ELEV.	VECINO	DRIVE
					Left & West	℄ Right & East
CONTINUATION OF CROSS SECTIONS ON VECINO DR.						
B.M. 2825				677.76	B.M.S.D. 2825, Elev 677.765 F.B. 3335-12 VECINO DR. & ALOSTA AVE S.W. COR 5'S. of S. cb. return bt. spk in lead	
56+00				674.56		℄
				674.52		6.5 Y/A Sec.
				674.35		13' W edge
				673.8		17.0' brk grd.
				674.0		19.5' " "
				673.0		34' " "
56+23.8				674.76		℄
56+23.8				674.74		10' brk Pvmt
				674.35		18.6 W. edge Pvmt
				674.26		21.2 f/L Gutter

Profile Notes Red ____ Plotted ____ Job No. 6112-11 Division No. ____
No. ____ Date ____ Date ____ Survey of Ben Lomond
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes W.A.M. Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3335 Pg. 203

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STATION	B. S.	H. I.	F. S.	ELEV.	VECINO	DR.
					Left & West	℄ Right & North
56+50.2				675 02		℄
				674 96		11' 1/4 sec
				674 57		20' W. edge gut.
				674 37		22' f/L "
				675.01		22' Top cb
				675 01	6.5' 1/4 sec	
				674 85	13.0 W. edge Pvmt.	
				674.4	16.5 brk Ground	
				675.0	21.0 " "	
56+90.2				675 41		℄
				675 37		11' 1/4 sec
				674 88		20' W. edge gut
				674 71		22 f/L "
				675 33		22 Top cb
				675 37	6.5' 1/4 sec Pvmt	

F.B. 3335 Pg. 204
Job No. 6112.17 Division No. S.D.
Survey of Ben Lomond Ave.
Survey by L. Brown Notes W.A.M.
Indexed C. J. Gall Date
Notes Chkd. Date
Notes Red Date
Plotted Date
Profile No.
X-Sec. No.
Checked Date

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Vecino	DR.
					Left & West ℄	Right & East
56+90.2				675 20	13' Wedge Pvmt	
				674 9	16.5 brk ground	
				675 1	21.0 " "	
				674 4	34' " "	
57+17.8				675 48	13.0 ∡Pt. edge Pvmt	
57+24.5				675 73		℄
				675 69		11' 1/4 sec.
				675 21		20' [illegible]
				675 01		22 [illegible] "
				675 67		22' Top cb.
57+25.5				675 73		℄
				675 62	11' 1/4 sec.	
				675 12	20' S. edge gut	
				674 94	22' [illegible] "	
				675 60	22' Top cb.	
				675 89	33.5 W. edge Walk	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Ben Lomond Ave S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes W.A.M. Date 1-67
Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F.B. 3335 Pg. 205

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	VECINO	DR.
					Left & West	Right & East
57+54.4					4.9' (Rt) mean rim	
S.S. MH	S.	Rim 675.91		675.92		mean Rim 675.92
	N	Rim 675.93				med. 8.66
	mean	Rim 675.92				Top Pipe 667.26
						Dia. 0.67
				666.59	INVERT 8" inlet N.	INV. 666.59
						mean Rim 675.92
						med. 8.67
						Top Pipe 667.25
						Dia. 0.67
				668.58	INVERT 8" outlet S.	INV. 666.58
58+00				676.34		℄
				676.33		11' 1/4 sec
				675.91		20' W. edge gut
				675.80		22' f/L "
				675.87		22' Top cb

F.B. 3335 Pg. 206 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Ben Lomond Ave. S.D. Date Date No. X-Sec.
Survey by L.L. Brown Notes W.A.M. Notes Chkd. Checked
Indexed C. J. GAL' Date Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	VECINO	DR.
					Left & West	℄ Right & East
58+00				676 27	11' 1/4 sec	
				675 75	20' E. edge gut	
				675 59	22' f/L "	
				676 25	22 Top cb	
59+00				677 22		℄
				677 20		11' 1/4 sec Pvmt
				677 11	11' 1/4 sec. Pvmt	
59+78.7				677 83		℄
				677 81		11' 1/4 sec
				677 86	ok	20' W. edge gut
				677 66		22' f/L "
				678 32		22' Top cb
				677 66	11' 1/4 sec	
				677 19	20' E. edge gut	
				677 08	22' f/L "	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F. B. 33[illegible] Pg. 207
Date ____ Date ____ Survey of Ben Lamond Ave S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes W.A.M. Date 1-67
Date ____ Date ____ Map No. ____ Indexed C.J. GALLY Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	VECINO	DR.
					Left & West	& Right & East
59+78.7				[illegible]	22' [illegible]	
60+25.2				678 40	4.8' (Rt) mean rim	
S.S.M.H	N	Rim 678 40				mean Rim 678.40
	S	Rim 678 41				mea 8.78
	mean	Rim 678 40				Top Pipe 669.62
						Dia 0.67
				668 95	INVert 8" INlet E.	INV 668.95
						mean rim 678.40
						mea 9.00
						Top Pipe 669.40
						Dia 0.67
				668 73	INVERT 8" outlet S.	INV 668.73
60+55.55 N = 1+00 W.				678 78		& INT. of VECINO & Alosta
END CROSS sections ON VECINO DR.						

F.B. 3335 Pg. 208 Job No. 6112.17 Division No. Notes Red. Plotted Profile
Survey of Ben Lomond Ave S.D. Date Date No. X-Sec.
Survey by G.J. Brown Notes W.A.M. Notes Chkd. Checked
Indexed Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	ALOSTA	AVE
					Left ℄ South	℄ Right ℄ North
Begin cross sections on ALOSTA Ave. 60+55.55N = 1+00W						
1+00				678.79		℄ intersection
1+50				677.92		℄
				677.74		19' 1/4 sec.
				677.63		23 brk. in Pvmt
				677.17		36 S. edge gut.
				677.10		38' f/l "
				677.62		38' Top cb (dep)
				677.52	19' 1/4 sec.	
				677.30	29' brk in Pvmt	
				676.97	36' N edge Gut	
				676.79	38' f/l "	
				677.47	38' Top cb	
End cross sections to the west on ALOSTA AVE						

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3335 Pg. 209
No. ____ Date ____ Date ____ Date ____ Survey of Berkwood AVE S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Alosta	Ave
					Left & North	℄ Right & South
Begin Cross Sections to the East on Alosta Ave 60+55.55 N = 60+55.55 E						
60+55.55 E				673 79		℄
61+12.2	E.C. +10			679 82		℄
				679 53		19' 1/4 sec.
				679 17		29' brk Pvmt
				678 77		36' N edge gut
				678 60		38' f/L "
				678 70		38' Top cb (dep
				679 70	19' 1/4 sec	
				679 56	23' brk Pvmt	
				679 14	36' S. edge gut	
				678 99	38' f/L "	
				679 56	38' Top cb	

F.B. 3335 Pg. 210 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Ben Lomond Ave S.D. Date Date No. X-Sec.
Survey by L.C. Brown Notes W.A.M. Notes Chkd. Checked
Indexed Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	ALOSTA	AVE
					Left ℄ North	℄ Right ℄ South
61+35.3				680 21	47.7 (Lt) mean Rim	
S.S.M.H.		W. Rim 680 20				mean Rim 680.21
		E. Rim 680 23				mea. 6.88
		mean Rim 680 21				Top Pipe 673.33
						Dia Pipe 0.67
				672 66	INVert 8" INLet E.	INVert 672.66
						mean Rim 680.21
						mea 6.98
						Top Pipe 673.23
						Dia Pipe 0.67
				672 56	INVert 8" outlet W.	INVert 672.56
61+52.2	EC +50			680 55		℄
				680 29		19' 1/A sec
				679 93		29' brk Pvmt
				679 49		36' N. edge gut
				679 33		38' flL "
				679 98		38' Top ct

Profile Notes Red ____ Plotted ____ Job No. 6112.12 Division No. ____
No. ____ Date ____ Date ____ Survey of Ben Lamond AVE S.D.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes W.A.M. Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 3335 Pg. 211

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F.B. 3335 PG. 212 | Job No. 6112.1 | Division No. S.D. | Notes Red. ____ | Plotted ____ | Profile No. ____
Survey of Ben Lomond Ave | Date ____ | Date ____ | X-Sec. No. ____
Survey by L.L. Brewil | Notes ____ | Notes Chkd. ____ | Checked ____
Indexed C. J. GALLI | Date ____ | Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	ALOSTA	AVE
					Left ℄ North	℄ Right ℄ South
61+52.2				680.37	19' 1/4 sec	
				680.26	23' brk Pvmt	
				679.78	36' S. edge Gut	
				679.69	38' f/L "	
				680.30	38' Top cb	
61+97.2				680.36	35' S edge Gut & Pt.	
62+00				681.36		℄
62+06.5	CR-10			681.49		℄
				681.35	19' 1/4 sec	
				681.24	23' brk Pvmt	
				680.50	35.8 S. edge Gut	
				680.31	38 f/L "	
				681.20	38 Top cb	
62+35.9				680.95	35' S edge gut & Pt	

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STATION	B. S.	H. I.	F. S.	ELEV.	ALOSTA	AVE
					Left ℄ North	℄ Right ℄ South
62+70.09	E. = 1+00E			682.69		℄ intersection of Forestdale
				682.40		19' 1/4 sec
				682.10		29' brk Pvmt
				681.58		36' N edge Gut
				681.45		38' f/L "
				681.55		38' Top cb (dep)
B.M. 2826				682.94	B.M S.D 2826, Elev. 682.936, F.B. 3335-12	
					ALOSTA AVE. ℄ FOREST DALE AVE N.E. COR. 39' N of	
					N. cb. return bt. spk in lead	
Continuation of cross sections on ALOSTA AVE						
however Note change in stationing Plus. (62+70.09E = 1+00E.)						
1+00E				682.64		℄ intersection of Forestdale
1+26.0				682.05	35' S. edge gut & Pt.	

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____
No. ____ Date ____ Date ____ Survey of Ben Lomond AVE S.D
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F.B. 3335 Pg. 213

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STATION	B.S.	H.I.	F.S.	ELEV.	ALOSTA	AVE.
					Left & North	℄ Right & South
1+60.4	CR+10			68372		℄
				68352		19' 1/4 sec'
				68336		29' brk Pvmt
				68273		36' N. edge Gut
				68262		38' f/L "
				68269		38' Top cb (dep
				68344	19' 1/4 sec	
				68311	23' brk Pvmt	
				68275	36' S. edge gut	
				68258	38' f/L "	
				68320	38' Top cb	
1+64.4				68280		S. edge. gut & Pt.
2+00.4	CR+50			68441		℄
				68419	19' 1/4 sec	
				68408	23' brk Pvmt	
				68346	36' S. edge gut	
				68330	38' f/L "	
				68409	38' Top cb	

F.B. 3335 Pg. 219 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Ben Lomond Ave S.D. Date Date No. X-Sec.
Survey by L.L. Brown Notes W.A.M. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	ALOSTA	AVE
					Left & North	℄ Right & South
2+09.3				683 95	(31.0) Rt S.S.M.H.	mean Rim
S.S.M.H.	E Rim 683.96					mean Rim 683.95
	W Rim 683.95					mea 8.64
	mean Rim 683.95					Top pipe 675.31
						Dia " 0.67
				674 64	INVert 8" INlet E.	INV. 674.64
						mean rim 683.95
						mea 8.67
						Top pipe 675.28
						Dia 0.67
				674 61	INVert 8" outlet W	INV 674.61
3+00.4	CR+	150		686 17		℄
				685 86		19' 1/4 sec
				685 57		29' brk Pvmt
				685 14		36' N. edge gut
				685 00		38' f/L "
				685 64		38' Top cb.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3335 Pg. 215
X-Sec. No. ____ Date ____ Date ____ Survey of Ben Lomond AVE S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes W.A.M. Date 1-67
Date ____ Date ____ Map No. ____ Indexed C. J. [illegible] Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	ALOSTA	AVE
					Left & North	& Right & South
3+00.4						
				686 00	19' 1/4 sec	
				685 88	23' brk Pvmt	
				685 30	36' N. edge Gut	
				685 15	38' f/L "	
				685 21	38' Top cb (dep)	
3+15.5				686 20	47.8 (Lt) mean Rim	
S.S.M.H.	E	Rim 686.23				mean rim 686.20
	W	Rim 686.18				mea 8.64
	mean	Rim 686.20				Top pipe 677.56
						Dia " 0.67
				676 89	INVert 8" INlet E	INV. 676.89
				676 86	INVert 8" outlet W	mean rim 686.20
						mea 8.67
END CROSS sections to the East						Top pipe 677.53
on ALOSTA AVE.						Dia 0.67
Cont pg 217						INV 676.86

F.B. 3335 PG. 216 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Ben Lomond Ave S.D Date Date No. X-Sec.
Survey by L.L. Brown Notes W.A.M Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	FORESTDALE	AVE.
					Left & West	Right & North
Begin Cross sections on Forestdale Ave 62+70.09E on Alosta Ave =						
62+70.09 N. on forestdale Ave.						
BM2826				682 94	BM2826 Elev 682.94 SEE FB 3335-12 FOR DESC.	
62+70.09				682 63		℄ intersection
62+89				682 49		℄ 1/4 sec
63+05				681 53		℄ S. edge gut.
63+08				681 47		℄ f/L "
63+11				681 53		℄ N. edge "
63+11				681 90		18.2 N. edge gut
63+11				681 24		17.8 " " "
63+37.7				682 22		18.1 W. " " 4 Pt.
63+48.6	CR+10			682 25		℄
				681 95	10' 1/4 sec	
				681 57	18'8 E. edge gut	
				681 41	20' f/L	
				682 01	20' Top cb	
63+50.4	CR+10			682 28		℄

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 61127 Division No. ____ F.B. 3335 Pg. 217
Date ____ Date ____ Survey of Ben Lomond Ave SD
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LL Brown Notes W.A.M. Date 1-67
Date ____ Date ____ Map No. ____ Indexed G. J. Gall Date ____

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F. B. 3335 Pg. 218 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Ben Lomond Ave S.D. Date Date No. X-Sec.
Survey by L.L. Brewer Notes W.A.M. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	FORREST DALE	AVE
					Left ℄ West	℄ Right ℄ North
63+50.4				68239		10' 1/4 sec
				68214		18.8' W. edge gut
				68203		20' f/L "
				68214		20' Top cb (dep)
63+53.0				68212		19' W. edge gut & Pt
63+88.6	CR+50			68267		℄
				68266		10' 1/4 sec
				68247		19' W. edge gut
				68235		20' f/L "
				68301		20' Top cb
				68230	10' 1/4 sec	
				68193	18' E. edge Gut.	
				68196	20' f/L "	
				68244	20' Top cb (dep)	
64+00				68274		℄
64+88.6	CR+150			68366		℄
				68370		10' 1/4 sec.

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STATION	B. S.	H. I.	F. S.	ELEV.	FORESTDALE	AVE
					Left & West	Right & East
64+88.6	CR+150			683 47		19' W. edge gut
				683 36		20' f/L "
				684 02		20' Top cb
				683 34	10' 1/4 sec.	
				682 95	18' E. edge gut	
				682 80	20' f/L "	
				683 41	20' Top cb	
65 + 00				683 77	T.P.	℄
65+69.7				684 38		℄
				684 11	10' 1/4 sec	
				683 81	18' E edge gut (end)	
				683 64	20' f/L " "	
				684 23	20' Top cb "	
66+00				684 61		℄
66+53.0	CR-10			685 31		℄
66+53.0				685 34		10' 1/4 sec. Pvmt
				685 14		19' W. edge gut
				684 94		20' f/L "
				685 61		20' Top cb

Profile No. ____ Notes Red ____ Plotted ____ Job No. 61121 Division No. ____ F.B. 3335 Pg. 219
Date ____ Date ____ Survey of Ben Lomond Ave S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes W.A.M. Date 1-67
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	FOREST DALE	AVE.
					Left & West	Right & East
63+58.5	CR	-10		685 34		℄
				685 02	10' 1/4 sec.	
				684 65	20' f/L bot cb	
				685 04	20' Top cb	
66+68.5				684 73	18' E. edge gut	
				684 58	20' f/L "	
66+83.0				685 33		16.8. W. edge gut 4 Pt.
				685 24		19.8 f/L gut.
67+00				685 75		℄
67+03.3		N. Rim 685.69		685 71	4.7 (Lt) S.S.M.H. mean Rim	
S.S.M.H		S. Rim 685.74				mean Rim 685.71
		mean Rim 685.71				Mea 7.91
						Top pipe 677.80
						Dia 0.67
				677 13	INVert 8" INlet N.	INV 677.13

F.B. 3335 Pg. 220 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Ben Lomond Ave S.D Date Date No. X-Sec.
Survey by L.L. Brown Notes W.A.M. Notes Chkd. Checked Date No.
Indexed C. J. GALLI Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	FOREST DALE	AVE
					Left & West	Right & East
67+03.3						mean rim 685.71
S.S.M.H.						mea. 8.03
						Top pipe 677.68
						Dia. 0.67
				677 01	INVert 8" INlet E	INV. 677.01
						mean rim 685.71
						mea. 8.07
						Top pipe 677.64
						Dia. 0.67
				676 97	INVert 8" outlet W.	INV 676.97
67+08.05 N = 1+00 E				685 83		
B.M. SD 2827				685 36	B.M.S.D. 2827, Elev 685.363, F.B. 3335-12	
					Forestdale Ave. & Orangepath St.	
					N.W. COR. 5' W. of cb. return. bt. spk in lead	

END CROSS sections on Forestdale Ave.

Profile Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3335 Pg. 221
No. ____ Date ____ Date ____ Survey of Ben Lomond Ave S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes W.A.M. Date 1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	ORANGEPATH	ST
					Left & North	℄ Right & South
Begin CROSS Sections on ORANGEPATH St 67+08.05 N = 1+00 E						
1+00 E				685 83		℄ intersection
1+10				685 79		℄ 1/4 sec
1+17				685 54		℄ W. edge gut.
1+20				685 45		℄ f/L "
1+23				685 54		℄ E. edge "
				685 68		15.7N " "
				685 40		16.3S " "
1+56.6	CR+10			686 53		℄
				686 27		9' 1/4 sec
				685 96		16' N. edge gut
				685 72		18' f/L "
				686 37		18' Top cb
				686 57	9' 1/4 sec.	
				686 40	16' S. edge gut	
				686 23	18' f/L "	
				686 92	18' Top cb.	

F.B. 3335 Pg. 222 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Ben Lomond Ave S.D. Date Date No.
Survey by L.L. Brown Notes W.A.M. Notes Chkd. Checked X-Sec.
Indexed C.J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	ORANGE PATH Left & North	ST Right & South
1+61.6				686 62		℄
				686 37		9' 1/4 sec.
				685 97		16' N. edge gut (end)
				685 81		18' f/L " "
				686 43		18' Top cb
				686 65	9' 1/4 sec.	
				686 44	16' S. edge gut (end)	
				686 34	18' f/L " "	
				686 97	18' Top cb.	
1+96.6	CR+50			687 13		℄
				686 88		9' 1/4 sec.
				686 47		18' f/L bot cb
				686 51		18' Top cb (dep)
				687 27	9' 1/4 sec.	
				686 95	18' f/L bot. cb	
				687 61	18' Top cb.	
2+ 96.6	CR+150			688 91		℄

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Ben Lomond AVE S.R.
Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes W.A.M. Date 1-67
Date ____ Date ____ Map No. ____ Indexed G. J. GAI Date ____

F.B. 3335 Pg. 223

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STATION	B.S.	H.I.	F.S.	ELEV.	ORANGEPATH	ST.
					Left & North	Right & South
2+96.6				688 68		9' 1/4 sec
				688 39		18' f/L bot cb
				688 96		18' Top cb
				689 13	9' 1/4 sec	
				688 88	18' f/L bot. cb.	
				689 42	18' Top cb.	
4+15.0				690 96	5.1 (Rt) S.S.M.H. mean	Rim
S.S.M.H.	E. Rim 690 98					mean Rim 690.96
	W. Rim 690 95					mea. 6.87
	mean Rim 690.96					Top pipe 684.09
						Dia. 0.67
				683 42	INVert 8" INlet E.	INV. 683.42
						mean Rim 690.98
				683 35	INVert 8" outlet W.	mea 6.96
						Top pipe 684.02
END CROSS sections on ORANGEPATH To the East						Dia. 0.67
						INV. 683.35

F.B. 3335 Pg. 224 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Benhamond Ave S.D. Date Date No. X-Sec.
Survey by L.L. Brown Notes W.A.M. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	ORANGEPATH	ST
Begin					Left & South	Right & North
CROSS	Sections to The West on				ORANGEPATH ST	67+12.25N = 1+00 W.
1+00W				68		℄ intersection
1+45.5				685 01		℄
				684 74	9' 1/4 sec	
				684 50	16' N edge gut (end)	
				684 40	18' f/L " "	
				684 96	18' Top cb.	
1+48.0				685 06		9' 1/4 sec.
				684 91		16' S. edge gut (end)
				684 80		18' f/L " "
				685 45		18' Top cb
1+55.5	CR +10			684 81		℄
				684 88		9' 1/4 sec.
				684 70		18' f/L bot cb
				685 30		18' Top cb.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112.17 Division No. ____ F.B. 3335 PG. 225
X-Sec. No. ____ Date ____ Date ____ Survey of Benlomond Ave. S.D.
Notes Chkd. ____ Checked ____ Survey by L.L. Brown Notes W.A.M. Date 1-67
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	ORANGEPATH	ST
					Left & South	Right & North
1+58.0	CR+10			684 75		℄
				684 48		9' 1/4 sec
				684 13		18' f/L bot cb.
				684 72		18' Top cb.
2+84.6				682 14	2.7(Lt) S.S.M.H. mean	Rim
S.S.M.H.	E. Rim 682 17					mean Rim 682.14
	W. Rim 682 11					mea 6.87
	mean Rim 682 14					Top pipe 675.27
						Dia 0.67
				674 60	INVert 8" inlet E.	INV 674.60
						mean rim 682.14
				674 52	INVert 8" outlet W.	mea 6.95
						Top pipe 675.19
B.M. 2827				685 36	B.M 2827 Elev 685.36	Dia. 0.67
					F.B. 3335-12	INV 674.52

END CROSS Sections on ORANGEPATH ST.

F.B. 3335 Pg. 226 Job No. 6112.17 Division No. Notes Red Plotted Profile
Survey of Ben Lomond Ave S.D. Date Date No. X-Sec.
Survey by L.L. Brown Notes W.A.M. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	FORESTDALE AVE Left & West	Right & East
CONTINUATION of CROSS Sections on FORESTDALE AVE to the North						
67+12.25 N				685 91		℄
67+36.0				685 84		17.2 W. edge gut & Pt.
				686 20		℄
				685 93	10' 1/4 sec.	
				685 63	16' E. edge gut (end)	
				685 56	18' f/L "	
67+63.5				686 22		℄
				686 28		10' 1/4 sec
				686 08		18.5' W. edge gut
				685 90		20' f/L "
				686 56		20' Top cb
67+68.0				686 10		18.8' W. edge gut & Pt.
67+69.0				686 27		℄
				685 97	10' 1/4 sec	
				685 68	20' f/L bot cb.	
				686 15	20' Top cb	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6112.17 Division No. ___ F.B. 3335 Pg. 227
X-Sec. No. ___ Date ___ Date ___ Survey of Ben Lomond Ave. S.D.
Notes Chkd. ___ Checked ___ Survey by L.L. Brown Notes W.A.M. Date 1-67
Date ___ Date ___ Map No. ___ Indexed [illegible] Date ___

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	FORESTDALE	AVE
					Left & West	Right & East
68+03.5	CR+50			686 56		℄
				686 70		10' 1/4 sec.
				686 50		18.8 W. edge gut
				686 35		20' f/L "
				687 03		20' Top cb.
				686 30	10' 1/4 sec	
				686 00	20' f/L bot cb.	
				686 51	20' Top cb	
69+03.5	CR+150			687 56		℄
				687 67		10' 1/4 sec
				687 58		18.8 W. edge gut
				687 47		20' f/L "
				688 11		20' Top cb.
				687 26	10' 1/4 sec.	
				686 62	20' f/L bot cb.	
				687 10	20' Top cb.	

F.B. 3335 PG. 228 Job No. 6112.17 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of Ben Lomond Ave. S.D. Date ____ Date ____ No. ____
Survey by L.L. Brown Notes W.A. Moodyman Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	FOREST DALE	AVE
					Left & West	℄ Right & EAST
69+59.9				687.94	4.7(Lt) S.S.M.H mean rim	
S.S.M.H.		N. Rim	6 87.93			mean rim 687.94
		S Rim	6 87.95			mea 9.00
		mean Rim	6 87.94			Top pipe 678.94
						Dia 0.67
				678.27	INVert 8" INlet N.	INV 678.27
					mean rim 687.94	
					mea 8.90	
					Top pipe 679.04	mean rim 687.94
					DIA 0.67	mea 9.11
				678.37	INVERT 8" INlet E 678.37	Top pipe 678.83
						Dia. 0.67
				678.16	INVert 8" outlet S.	INV 678.16
B.M.S.D.	2827			685.36	B.M.SD 2827, Elev 685.363 F.B. 3335-12	
					FOREST DALE AVE. & ORANGEPATH St.	
					N.W. Cor. 5' W. cb. return. bt. spk in lead	

End cross sections on FOREST Dale Ave.

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6112.17 Division No. ___ F.B. 3335 Pg. 229
Date ___ Date ___ Survey of Ben Lomond AVE S.R.
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by L.L. Brown Notes W.A.M. Date 1-67
Date ___ Date ___ Map No. ___ Indexed B. J. GALLI Date ___

3335 PG. 230 Job No. Division No. Notes Red Plotted
Survey of Date Date
Survey by Notes Notes Chkd. Checked
Indexed Date Date Date

BLANK