Notes Ck'd by	Survey of Arboretum
Map No.	W. O. Tape No. 0122 St'd. 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes D.E.H. Date 11-29-51
Date	Indexed A. C. Johnson 12-18-51

F. B. 1679 Pg. 5

J.N. 5323 ARBORETUM

CONTROL POINTS of N.E. AREA

3/4" + 1" I.P.s Set as Shown. (•) (dn. 8")

(Note 3/4" I.P.s Per F.B. 1234-[illegible] Reset unless otherwise noted.

See pg's 7-14 for new Elvs.

Holmes
Bowles
Hand
Tartaglia

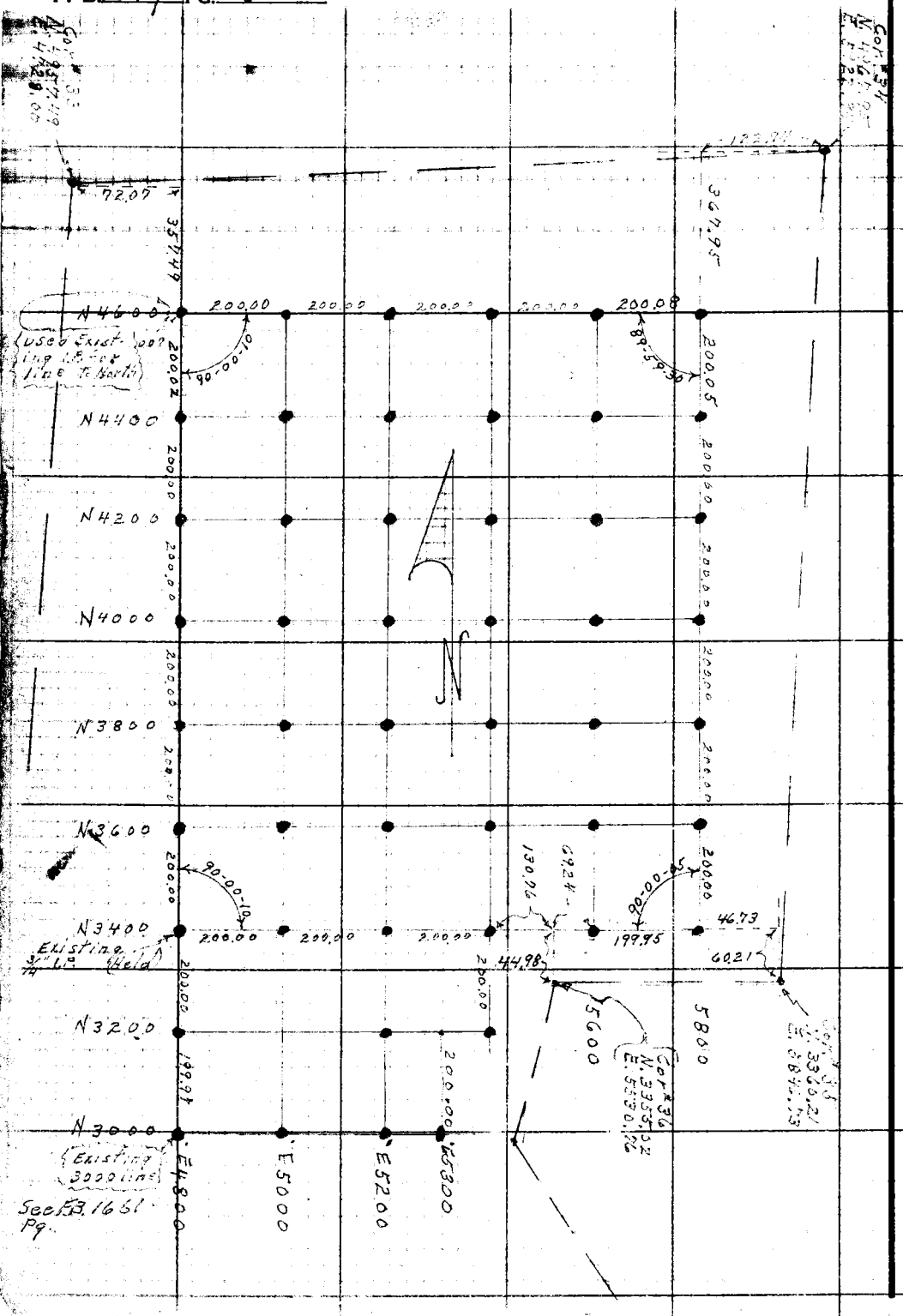
See pg. 229 for ℄ Points in N. Area

Note
See F.B. 1845-161 To 179 for New Mon.s on Coordinate Grid
See F.B. 1845-181 To for New B.M. Elvs.

6" Sewer Line N.E. Area, 136 To 138 — 165 To 166
6" Water Line " " 158 To 164
Ducts 167

Microfilmed April '87

F. B. 1679 PG. 6



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F.B. 1679 PG. 7

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. _____ Survey of _____ Division No. _____

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey by _____ Map No. _____ Notes _____ Indexed Johnson Date _____ Date _____

J.N. 5363-H
BENCH LEVELS.
N.E. AREA of ARBORETUM

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
					[illegible]	[illegible]
	078	[illegible]		[illegible]	Basis E. of [illegible]	[illegible]
T.B.M.			812	[illegible]	Elevations Blocks in Bk. of 30[illegible] F.B.1661 pg 89	
	741	1338 89				
T.P. 1			60	[illegible]		
	324	[illegible] 23				
5+02.81			055	[illegible]	Top of 1" I.P. [illegible] Rt. (F.B. [illegible])	
	849	523 71				
T.P. 1			302	[illegible]		
	933	530 06				
T.B.M.			399	[illegible]	Top of 1" I.P. (dn 5') N. 3400 E. 46[illegible]	
	85,	[illegible] 32				
T.B.M.			605	[illegible]	Top of 1" I.P. (dn 10') N. 3400 E. 5600	
	457	532 84				
T.B.M.			363	[illegible]	Top of 1" I.P. (dn 8') N. 3400 E. [illegible]	
	868	538 29				
T.B.M.			562	[illegible]	Top of 1" I.P. (dn-10') N. 3400 E. [illegible]	
	766	540 83				
			605	[illegible]	Top of 1" I.P. (dn-8) N. 3400 E. 5600	
	246	536 64				
T.B.M.			766	[illegible]	Top of 1" I.P. (dn-8 N. 3400 ± E. 5800	

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red. ____ Date 12-12-51 Notes Chkd. ____ Date ____

Job No. 5[illegible] Division No. ____ Notes ____ Date ____

Survey of [illegible] Survey by E. C. Jennison Indexed ____

F.B. 1670 PG. 8

Profile No. | Notes Red. | Plotted | Job No. | Division No. | F.B. No. 1639

Date | Date | Survey of

X-Sec. No. | Notes Chkd. | Checked | Survey by | Notes | Date

Date | Date | Map No. | Indexed Johnson | Date

J.N. 5323-H

BENCH LEVELS

N.E. AREA of ARBORETUM

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
					Elev 523.87 Bt. spk in Lead S. W. Cor of Catch	
	073	524 60		52[illegible] 87	Basin E. of Main Gate Entr. F.B. 1661 Pg 89	
T.B.M			812	51[illegible] 48	Elev 516.48 Bt spk in Base of 30" Gum F.B. 1661 pg 89	
	741	523 89				
T.P. 1X1			1160	51[illegible] 29		
	354	515 83				
3+02.81			055	51[illegible] [illegible]8	Tp of 1" I.P. Flush with Pvt. (Rd. "A")	
	849	523 77				
T.P 1X1			302	52[illegible] [illegible]5		
	933	530 08				
T.B.M			397	52[illegible] 11	Tp of 1" I.P. (dn 5") N 3400 E 4800	
	821	534 32				
T.B.M			605	52[illegible] [illegible]7	Tp of 1" I.P. (dn 10") N. 3400 E. 5000	
	457	532 84				
T.B.M.			323	52[illegible] [illegible]1	Tp of 1" I.P. (dn 8") N. 3400 E. 5200	
	868	538 29				
T.B.M.			562	53[illegible] [illegible]7	Tp of 1" I.P. (dn-10") N. 3400 E. 5400	
	756	540 23				
			605	53[illegible] [illegible]3	Tp of 1" I.P. (dn-8") N 3400 E 5600	
	246	536 64				
T.B.M.			786	52[illegible] [illegible]8	Tp of 1" I.P. (dn-8) N. 3400 & E 5800	

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date 12-12-51 Notes Chkd. Date

Job No. 5323-H Division No. Arboretum Notes A.R.B. Date

Survey of Survey by D.E.H. Indexed A. C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.	
	1162	540 40		528 78	
T.B.M.			1 12	539 28	Tp. of 1" I.P. (dn-10") N.3600 & E 5800
	1072	55000			
			152	548 48	Tp. of 1" I.P. (dn-8") N.3800 & E 5800
	605	554 53			
T.B.M.			496	549 57	Tp. of 1" I.P. (dn-8") N.3800 & E 5600
	454	554 11			
P.R.C 37+41.15			700	547 11	Tp. of 1" I.P. (dn-8")
T.B.M.			582	548 29	Tp. of 1" I.P. (dn-8") N.3800 & E 5400
	464	552 93			
T.B.M			679	546 14	Tp. of 1" I.P. (dn-8") N.3800 & E 5200
	443	550 57			
T.B.M			789	542 68	Tp. of 1" I.P. (dn-8") N.3800 & E 5000
	632	549 00			
P.R.C. 12+16.89			257	546 43	Tp. of 1" I.P. (dn-8")
T.B.M			555	543 45	Tp of 1" I.P. (dn-8") N.3800 E 4800
	1052	553 97			
T.B.M			239	551 58	Tp. of 1" I.P. (dn 8") N.4000 & E 4800
	616	557 74			
B.M			336	554 38	Rail Rd. spk (N. side) 36" oak Elev. 554.31 Pg. 93 Plat 8 12
	306	557 44			

Profile Notes Red ____ Plotted ____ Job No. 5322.4 Division No. ____
No. ____ Date ____ Date ____ Survey of Arrowhead
X-Sec. Notes Chkd. ____ Checked ____ Survey by DEH Notes ARB Date 12-[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1679 Pg. 8

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STATION	B. S.	H. I.	F. S.	ELEV.		
		557 44				
T.B.M.			5 85	55[illegible] 59	Tp of 1" I.P. (dn-8") N-4000 & E.5000.	
	682	558 4[illegible]				
T.B.M.			3 54	55[illegible]	Tp of 1" I.P. (dn-8") N-4000 & E 5200.	
	805	562 92				
T.B.M.			5 38	55[illegible]	Tp of 1" I.P. (dn-8") N-4000 & E 5400	
	440	561 94				
T.B.M.			5 67	55[illegible]	Tp of 1" I.P. (dn-8") N-4000 & E [illegible]	
	5 24	561 51				
T.B.M.			5 77	55[illegible]	Tp of 1" I.P. (dn-8") N-4000 & E 5800	
	844	564 18				
T.B.M.			3 12	5[illegible]	Tp of 1" I.P. (dn-8") N.4200 & E.5800	
	765	568 71				
T.B.M.			4 58	564 13	Tp of 1" I.P. (dn-8") N4200 & E.5600	
	565	569 78				
P.R.C. 32+27.64			3 82	565 [illegible]	Tp of 3/4" I.P. (dn-8")	
T.B.M.			5 03	564 [illegible]	" " " " " " N.4200 & E.5400	
	365	568 40				
T.B.M.			8 12	560 [illegible]	Tp of 1" I.P. (dn-8") N4200 & E.5200	
	6 04	566 32				
T.B.M.			6 23	560 [illegible]	Tp of 1" I.P. (dn-8") N4200 E.5000	

Profile No. ____ Plotted ____ Date ____ Notes Red. ____ Date 12-13-51 Notes Chkd. ____ Date ____ Job No. 5323-4 Division No. ____ Survey of Arboretum A.R.B. Survey by D.E.H. Notes ____ Date ____ Indexed A. C. Johnson

X-Sec. No. ____ Checked ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	
	545	565 54		560 09	
T.B.M.			559	559 95	Tp of 3/4" I.P. (dn-8") N-4200 & E. 4600
	1044	570 39			
T.B.M			171	568 68	Tp of 3/4" I.P. (dn-8") N-4400 & E 4800
	577	574 45			
B.M.			176	572 69	Bt. spk in Lead S.E. cor. on top of conc. Water Pump Box N-4395 & E. 4726.5
	052	573 21			
P.R.C.	17+42.76		795	565 26	Tp of 3/4" I.P. (dn-8")
T.B.M			580	567 41	Tp of 1" (dn-8") N-4400 & E-5000
	442	571 83			
T.B.M			520	566 63	Tp of 1" I.P. (dn-8") N 4400 & E 5200
	756	574 19			
T.B.M			111	573 08	Tp of 3/4" I.P. (dn-8") 340° Radi. Pt. N-4492.07 & E 5320.00
T.B.M			275	571 44	Tp of 1" I.P. (dn-8") N 4400 & E 5400
	593	577 37			
T.B.M.			519	572 18	Tp of 1" I.P. (dn-8") N 4400 & E-5600
	438	576 56			
T.B.M.			626	570 30	Tp of 1" I.P. (dn-8") N-4400 & E 5800
	899	579 29			
T.B.M.			112	578 17	Tp of 1" I.P. (dn-8") N-4600 & E 5800

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5223.4 Division No. ____

X.Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by D.E.H. Notes ____ Map No. ____ Checked by ____ Date ____ Date 12-19-67

F. B. No. 1677 pg. 11

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STATION	B. S.	H. I.	F. S.	ELEV.	
	545	583 62		[illegible]	
P.O.C. 28+10.90			391	579 [illegible]	Tp of 1" I.P. (dn-8")
T.B.M			453	579 [illegible]	Tp of 1" I.P. (dn-8") N-4600 & E 5600
	424	583 33			
T.B.M			544	57[illegible] 89	Tp of 1" I.P. (dn-8") N-4600 & E-5400
	401	581 90			
T.B.M.			758	57[illegible] [illegible]2	Tp of 1" I.P. (dn-8") N 4600 & E 5200
	475	579 07			
T.B.M.			343	575 64	Tp of 3/4" I.P. (dn-8") N-4600 & E-5000
	782	583 46			
T.B.M.			557	577 89	Tp of 3/4" I.P. (dn-8") N-4600 & 4800
	1171	589 60			
T.P. 1x1			137	586 [illegible]3	
	721	595 44			
B.M.			099	594 [illegible]5	set Bt. spk in Lead (W. end) Tp of conc. H.W. S. of Colorado Blvd N. 4942 & E 4822 ±
	218	596 63			New Elv.
T.B.M			463	591 91 ~~592 [illegible]0~~	set Cross on tp of "U" Bolt (S. edge) Center of North Gate Entr. N.E. Area Arboretum (has been disturbed)
	090	592 90			
T.P. 1x1			602	586 88	
	361	590 49			
T.B.M			402	586.60 586 47	set Bt. spk in 24" Oak (N. side) 1° up Sta. 25+68 - 85° R. of ℄. Found old spk Bent Replaced with New spk.

Profile No. ___ X-Sec. No. ___
Plotted ___ Date ___ Checked ___ Date ___
Notes Red. ___ Date 12-13-51 Notes Chkd. ___ Date ___
Job No. 5323-H Division No. ___
Survey of Arboretum A.R.B.
Survey by D.E.H. Notes ___
Indexed R. C. Johnson Date ___

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STATION	B. S.	H. I.	F. S.	ELEV.		
	3 82	590 29		586 47		
T.P. 1			370	586 59		
	398	590 57				
T.B.M.			341	587 16	set. Bl spk in Base of 24" Oak (N. side) 155± S. of N.E. fence cor. #34 - 2' W. of fence line	
	115	588 31				
T.P. 1X1			1014	578 17		
	194	580 11				
			5 30	574 81		
	080	575 61				
T.P. 1X1			1148	564 13		
	141	565 54				
T.P. 1X1			926	556 28		
	225	558 53				
			10 23	548 30		
	161	549 91				
T.B.M			990	540 01	Tp of 1" I.P. (dn 8') N. 3600 ± E 5400	
	181	541 82				
T.P. 1X1			1219	529 63		
	345	533 08				
			481	528 27	set Bl spk in root of 50" Cum (S. W. side) N 3303 E 5244 ±	
	316	531 43				

Profile Notes Red. ____ Plotted ____ Job No. 53234 Division No. ____
No. ____ Date ____ Date ____ Survey of ____
Notes Chkd ____ Checked ____ Survey by ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		531 43				
T.P. 1X1			990	521 43		
	008	521 61				
T.P. 1X1			1056	511 05		
	507	516 12				
T.P. 1X1			381	512 31		
	554	517 85			Elev 516.48 Btspk in Base of 30" Gum	
T.B.M.			136	516 49	FB 1661 Pg	

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date 12-13-51 Notes Chkd. Date

Job No. 5323-H Division No.

Survey of Arboretum A.R.B.

Survey by D.E.H. Notes

Indexed B. C. Johnson Date

F.B. 1674 Pg. 14

Profile No.	Notes Red:	Plotted	Job No.	Division No.	F.B. 1679 Pg. 15
	Date	Date	Survey of		
X-Sec. No.	Notes Chkd.	Checked	Survey by	Notes	Date
	Date	Date	Map No.	Indexed Johnson	Date

J.N. 5323

ARBORETUM (N.E. AREA)

PROFILE of PRO. LOOP RD. ℄ TO NORTH SECTION.

(℄ Per. Staking Plan)

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM	779	513 54		505 75	Elev. 505.75 Chisel sq. S.E. Cor. Wier Box Storm Drain N.E. Cor of Main Lake F.B. 1234-Pg 191 & F.B. 1661 Pg	
			076	512 [illegible]		
	641	519 19				
T.P. Pipe			165	51[illegible] 54	N-3000 E.5300	(Elv. 517.52 F.B. 1661-90)
	320	520 74			(See Pg. 8 for New Elv.) = 515.28	
3+02.81 1" I.P.			545	515 [illegible]	℄. Tp of 1" I.P. (Flush with Pvt) & end of existing Pvt	
			564	515 [illegible]	10° R. Tp & end of existing Header	
			561	515 [illegible]	10° L. Tp & end of existing Header	
3+25			40	516 [illegible]		℄ 1x1 Brk
3+50			31	517 [illegible]		℄ "
+75			23	518 4		℄ "
4+00 4+25			11	519 [illegible]		℄
T.P. 1x1			009	520 [illegible]		
	1022	530 87				
4+25			102	520 7		℄ 1x1
4+50			93	521 6		℄ " "
+75			87	522 [illegible]		" "
5+00			76	523 3		℄ "
+25			67	524 2		℄ "
+50			56	525 3		℄ "
+75			45	526 4		℄ "

Profile No. X-Sec. No.
Plotted Date
Checked Date
Notes Red. Date 12-11-51
Notes Chkd. Date
Division No. Job No. 5323-H
Survey of Arboretum A.R.B.
Survey by D.E.H. Notes
Indexed A. C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		53087				
5+94			34	5275	E. Tp of Bank	(Drain Ditch)
+96			79	5230	b " " "	" "
6+00			78	5231	b-	" "
6+15			77	5232		
6+17			40	5269	Tp of V/Bank	of existing Drain Ditch
6+25			32	5277		℄ 1x1
6+27					22.5 L. 24" Dead	Syc. Tree
6+27					20° " 24"	Syc. "
6+29					16.5 L- 18"	" " "
6+30					13° L- 20"	" " "
6+35						1° Rt. 18" Syc. Tree
6+38.5						12° " 18" Dead "
6+40.5						15° " 24"
6+41.5						11° " 24"
6+42.0						19° " 24" "
6+50			27	5282		℄ 1x1
EC 6+54.05			350	52737	Tp of 1" I.P. Dn 14"	
" " " "			25	5284	gr.	
6+75			15	5294		℄ 1x1
RC 6+89.05			194	52893	Tp of 1" I.P.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323.4 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of [illegible]
Notes Chkd. ____ Date ____ Checked ____ Survey by ____ Notes ____ Date ____
Map No. ____ Date ____ Date ____ Indexed Johnson Date ____

F.B. 1679 [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.		
		530 87				
BC 6+89.05			10	529 9	gr.	
T.P. 1X1			057	530 30		
	1215	542 45				
7+00			122	530 5		℄ 1X1
+25			111	531 4		℄ "
+50			103	532 2		℄ "
+75			98	532 7		℄ "
8+00			94	533 1		℄ "
8+01					8° L. 20" Pep. Tr.	
+25			81	534 4		℄ "
+26.5						13° Rt. 30" Gum Tr.
+35.5						19.5 " 32" Dead " "
8+50			70	535 5		℄ 1X1
+56					0° Lt.	18" Pep. Tr. (on Line)
+75			54	537 1		
8+75						10.5 Rt. 24" Pep. (up rooted)
+90.5					26° L. 24" Pep. Tr.	
9+00			47	537 8		℄ 1X1
+25			39	538 6		℄ "
+50			32	539 3		℄ "

Profile No. X-Sec. No.
Plotted Date
Checked Date
Notes Red. Date 17-11-51
Notes Chkd. Date
Division No. Arboretum A.R.B.
Job No. 5323-H
Survey of
Survey by D.E.H. Notes
Indexed K. C. Johnson Date
F.B. 1679 Pg. 10

76L298 307 5-49

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		542 45				
9+75			22	5403		℄
10+00			18	5407		℄ "
10+25			14	5411		℄ "
10+50			06	5419		℄ "
T.P. 1X1			059	54186		
	954	551 40				
10+75			91	5423		℄ 1X1
11+00			84	5430		℄ "
+25			72	5442		℄ 1X1
11+44 58	P.O.C		62	5452		"
11+50			61	5453		℄ "
+75			54	5460		℄ "
11+83						24° Rt. 34" Gum Tr.
12+00			49	5465		℄ 1X1
12+02						12 Rt 14" Gum Tr
P.R.C 12+16 89			497	54643	Tp of 1" I.P.	Elv. 546.43 Pg.
" "			41	5473	℄ gr.	
12+25			44	5470		℄ 1X1
12+37 3			846	54294	Tp of 6" Steel Gas Line (Inters of ℄)	
" "			46	5468	gr.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-4 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Alvorenga
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.R.B. Date 12-11-57
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.S. 1679 Pg. 19

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	+ B. S.	H. I.	− F. S.	ELEV.		
		551.40				
12+40.5					18° L. 24" Gum Tr.	
12+50			36	5478		℄ 1x1
12+60			32	5482	℄ W. Tpet Band	"Existing ditch"
12+65			65	5449	" " B. " "	" "
12+72			65	5449	" E. " " "	" "
+74			26	5488	" E. Tp " "	" " "
+75			24	5490		℄ 1x1
12+87					5° L. 2-prong 10" Pep. tr.	
T.B.M.			440	547.00	Top of C.S. Mon. per F.B. 1234 Pg 21 = E.C. 152+90.88 (d.n. 12")	
	860	555.60				
			123	554.07	Elev. 554.316 per F.B. 1234 Pg 93, RR. Spike N. Side 36" oak.	(Elv. Pg. 9 554.38)
	310	557.47				
13+00			73	5502		℄ 1x1
+25			65	5510		℄ "
+50			56	5519		℄ "
13+75			52	5523		℄ "
14+00			39	5536		℄ "
+25			26	5549		℄ "
+50			16	5559		℄ "
+75			08	5567		"

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date 12-11-51 Notes Chkd. Date
Division No. Arboretum A.R.B. Notes Date
Job No. 5323-H
Survey of
Survey by D.E.H.
Indexed A. C. Johnson
F.B. 1674 Pg. 20

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		557 47				
15+00			02	5573	℄ 1x1	
T. P. 1x1			020	557 27		
	1085	568 12				
15+25			94	5587	℄ 1x1	
+40			86	5595	℄ "	Brk
+43			67	5614	" "	"
+50			68	5613	"	
+75			70	5611	℄ 1x1	
16+00			57	5624	" "	
+25			53	5628	" "	
+50			42	5639	" "	
+75			39	5642	" "	
17+00			33	5648	" "	
+25			22	5659	" "	
17+37.5					15° L. 6" Dead Tr. (Gum).	
P.R.C 17+42.76			288	56524	Tp of 3/4 I.P (on 12")	
" " "			21	5660	gr.	
17+50			15	5666	℄ 1x1	
T.B.M.			804	560 08	Tp of 1" I.P. N-4200 E 5000	(EN 56609 Pg. 10)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-H Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Ecuador
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.R.R. Date 12-11-51
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1679 Pg. 21

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M	1218	572 26		560 08	Tp of 1" I.P (dn 12") N-4200 & E-5000	
17+75			40	568 3		℄ IXI
17+77.5			560	566 7	Tp 14" steel pipe "(City of Monr. Water) Inters. ℄	
" "			38	568 5	gr.	
17+86.5					8° L. 20" Pep. tr.	
18+00			29	569 4		℄ IXI
18+17					1.5 L. 24" Gum tr.	
18+25			19	570 4		℄ IXI
18+36					3° R 18" Pep. tr.	
+50			09	571 4		℄ IXI
+65						6° R 24" Gum tr.
T.P. IXI			033	571 93		
	1058	582 51				
18+75			105	572 0		℄ IXI
18+95			"			8° R. 20" Pep tr.
18+98			"			2° R. 30" dead oak
19+00			90	573 5		℄ IXI
+25			84	574 1		" "
19+26.5						6° R. 12" Gum tr.
19+32						6° R. 22" " "
19+50			79	574 6		℄ IXI

Profile
Plotted
Date
Checked
Date
Notes Red.
Date
Notes Chkd.
Date
Job No. 5323-4 Division No.
Survey of Arboretum A.R.B
Survey by D.E.H. Notes
Indexed A. C. Johnson Date
F.B. 1679 Pg. 22

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		582 51				
19+63						1.5 R - 28" Rep. tr.
+75			62	5763		℄ 1X1
20+00			61	5764		" "
20+20					17° L 20" Rep. tr.	
+25			54	5771		℄ 1X1
+50			48	5777		" "
+75			37	5788		"
21+00			29	5796		" "
+25			15	5810		"
+50			06	5819		" "
T.P. 1X1 21+65			154	580 97		
	810	58907				
21+73					10° L. 30" dead oak tr.	
+75			57	5834		℄ 1X1
22+00			51	5840		"
+25			49	5842		" "
+50			43	5848		" "
+75			40	5851		" "
P.O.C. 22+76.83			487	58420	Tp of 1" LP (dn 12")	
" "			40	5851	gr.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323.4 Division No. ____ F.B. 1679 Pg. 23
X-Sec. No. ____ Date ____ Date ____ Survey of Preservation
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.R.B. Date 12-11-57
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		589 07				
23+00			35	58[illegible]		℄ 1x1
+25			30	58[illegible]		" "
+28.5						16° R. 20' dead oak
+50			23	58[illegible]		℄ 1x1
+75			19	58[illegible]		
23+81.5					12.5 R-4-12" prong oak	
24+00			20	58[illegible]		℄ 1x1
+01					27' R 20' oak (half dead)	
+25			23	586[illegible]		
+50			27	5864		
+75			22	5869		
25+00			21	5870	12° R. 24 oak tr. (10.5 ℄ to rd edge tr.)	
25+01.5						
+25			23	5868		℄ 1x1
+50			28	5863		" "
T.B.M.			262	586[illegible]5	Bt. spk in 24" Oak (N-side) 1° up Sta. 25+68 - 25 R - of ℄. (Elv. 58647 Pg. 12)	
	172	588 17				
25+68					25 R. 24' oak	
25+75			22	5860		
26+00			25	585[illegible]		

Profile No. X-Sec. No.
Plotted Date
Notes Red. Date
Division No.
Job No.
Survey of
Survey by Notes
Indexed E. C. Johnson Date
Checked Date
Notes Chkd. Date

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		58817				
26+25			29	5853		℄ IXI
+50			34	5848		" "
+65					28.5 L 28" (dead oak)	
+75			41	5841		℄ IXI
27+00			47	5835		
+01.5						23.5 R. 24" oak tr.
+25			54	5828		℄ IXI
+50			58	5824		" "
+75			65	5817		" "
+84					8.5 L 30" oak tr. (decaying)	
28+00			72	5810		℄ IXI
P.O.C. 28+10.90			847	57970		" Tp of 1" I.P. (12[illegible])
			76	5806		Gr.
+25			78	5804		℄ IXI
+50			89	5793		" "
+75			94	5788		" "
29+00			103	5779		" "
T.P IXI			1030	57787		
	221	580.08				
29+25			34	5767		℄ IXI

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1679 Pg. 25

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		580 08				
29+50			45	5756		℄ 1x1
+75			53	5748		
30+00			62	5739		
30+05					26 R. 24" oak tr.	
+25			69	5732		℄ 1x1
30+34 3			94	570 97	Tp of 14" W. Line (City of Monr. Line)	
+50			78	572 3	1x1	℄
T.B.M			790	572 18	Tp of 1 I.P. (dn 8") N 4400 & E 5600 (Elv. 572.18 Pg. 12)	
	1.17	573 35				
30+75			19	5715		℄ 1x1
31+00			27	5707		
+25			34	5700		
+50			44	5690		
+51					11 5 L 24" oak (dead)	
+75			52	5682		℄ 1x
32+00			60	5674		
+25			66	5668		
P.R.C 32+27 44			740	56595	Tp of 3/4 I.P dn 7")	
			67	5667	gr.	
32+50			69	5665		
+75			74	5660		

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No.
Job No.
Survey of
Survey by Notes
Indexed A. C. Johnson Date

F.B. 167 Pg. 26

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	
		573 35			
33+00			81	5653	℄ IXI
+25			90	5644	" "
+50			99	5635	" "
+75			107	5627	" "
T.P. IXI			10 70	562 65	
	1 22	563 87			
33+83.5					17.5 L. - 24" Pep tr. (save if possible)
34+00			24	5615	℄ IXI
+25			29	5610	" "
+50			41	5598	" "
+67					16.5 L. 20" oak (must be removed (main) limb on line)
+75			51	5588	℄ IXI
35+00			53	5586	" "
T.B.M			6 33	557 54	N- 4000 F 5400 Tp of 1" I.P (dn 8) (Elv. 557.54 Pg. 10)
35+25			54	5585	℄ IXI
+50			69	5570	" " brk
35+50					15.5 R. 8" Pep tr.
+60			84	5555	℄ brk
+60					24 R. 40" (dead pep. Tr.)
+75			95	5544	℄ IXI

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Date ____

F.B. 1679 Pg. 27

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STATION	B. S.	H. I.	F. S.	ELEV.		
		563 87				
36+00			101	553 8		℄ 1X1
T.P. 1X1			1013	55[illegible] 7		
	090	554 64				
36+21.5					10.5 L. 30" Pop. tr.	
+25			19	552 7		℄ 1X1
+50			33	551 3		" "
+75			44	550 2		" "
37+00			53	549 3		" "
+25			61	548 5		" "
P.R.C 37+41.5			753	547 11	Tp of 1" I.P. (dn 7")	Elv. 547.11 Pg. 8
			68	547 8	95	
+50			71	547 5		℄ [illegible]
+75			78	546 8		"
38+00			87	545 9		"
+25			99	544 7		"
+50			109	543 7		"
+75			120	542 6		"
T.P. 1X1			1203	54[illegible]		
	142	544 04				
P.O.C			285	541 19	Tp of 1" I.P. N-3629.74 E 5388.86	

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. Notes Date
Job No.
Survey of
Survey by Notes
Indexed E. C. Johnson Date

F.B. 1670 PG. 28

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STATION	B. S.	H. I.	F. S.	ELEV.		
		544 04				
39+00			25	5415		℄ 1X1
+25			29	5411		"
+50			33	5407		" "
+75			41	5399		" "
40+00			49	5391		" "
+25			58	5382		" "
P.C.C. 40+47 21			746	53658	Tp 1" I.P. (Dn 14")	" "
40+50			66	5374		℄ 1X1
+75			77	5363		"
41+00			87	5353		" "
+25			97	5343		" "
+50			111	5329		" "
41+75			121	5319		" "
T.P. 1X1			1205	53199		
	122	533 21				
42+00			25	5307		℄ 1X1
+25			38	5294		"
+50			51	5281		"
+75			60	5272		"
43+00			63	5269		"

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1679 Pg. 29

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
43+25		533 21	8 45	52[illegible] 76	Tp of 6" Steel gas Line	
43+25			57	5275		℄ 1x1"
+50			54	5278		
+52			58	5274	E. tp of Bank of Existing ditch	
+52			104	5228	E. Bt. " " " " "	
+60.5			100	5232	W-bt. " " " " "	
+62.0			65	5267	W-Tp. " " " " "	
+75			52	5280		℄ 1x1"
E.C 43+98.45 = E.C. 6+54.05			564	52[illegible] 37	Tp of [illegible]	(Elv. 528.27 Pg. 13) N-3303±
B.M.			494	52[illegible] 27	Bt. spk. in Root of 50" Gum Tr. (S.W. side)	E-5244±
	097	529 24				
			1170	517 54	Elev 517.52 Tp of 1" I.P. (dn 12") F.B 1661 pg	N-3000 E 5300
	149	519 03				
T.P.			993	509 10		
	262	511 72				
BM			597	505 75	Elev 505.75 Chisel sq. S.E. cor. of Wier Box Storm Drain N.E. Cor of Main Lake F.B. 1234 Pg 191 & F.B. 1661 Pg	

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No.
Job No.
Survey of
Survey by Notes
Indexed A. C. Johnson Date

F.B. 1670 Pg. 30

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STATION	B. S.	H. I.	F. S.	ELEV.		
		PROFILE of (PORTION) of EAST ENTRANCE RD.				
3+02 81	11.49	526.78		515.29	℄ Tp of 1" I.P. (Flush with Pvt.) end of existing Pvt. Elev 515.29 Pg	
3+02 81 = 0+00			11.49	515.29	tp of 1" I.P. (Flush with Pvt.)	
0+25			100	516.8	℄ 1x1	
+50			92	517.6	" "	
+75			86	518.2	" "	
1+00			80	518.8		
1+18.2			9.87	516.91	Tp of 6" Gas Line (inters of ℄)	
			77	519.1	gr.	
1+25			76	519.2	℄ 1x1	
+50			70	519.8	" "	
+75			63	520.4		
P.R.C 1+75 97 =			64	520.4	℄ 1x2	
2+00			52	521.6	℄ 1x1	
+25			41	522.7	" "	
+50			21	524.7		
" " I.P. 1x1			2.11	524.67		
	10.23	534.90				

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1679 Pg. 37

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
		534 90				
2+75			81	5268		℄ 1x1
P.R.C. 2+91.11			71	5278		℄ 1x2
3+00			64	5285		℄ 1x1
+25			46	53[illegible]		" "
+50			20	53[illegible]		" "
+75			14	5335		" "
4+00			04	5345		
" " T.P. 1x1			041	53[illegible]		
	311	537 60				
4+25			17	5359		℄ 1x1
+50			10	5366		
P.C.C. 40+47.3' = 4+67.[illegible]			101	536[illegible]	Tp of 1" I.P. (dn 14') Elev 536 58 Pg	

PROFILE ℄ of (85.54' RADIUS) CIRCLE Rd.

B.M.	281	531 08		528 27	Elev 528.27 3 sp in Root of 50" Gum Tr. (S.W. side) N 3303 E 5244 see above	
P.R.C. 1+75.91			107	5204	1x2 Beginning of 85.54 Radius Circle	
2+00			95	5216		

Profile No. X-Sec. No.
Plotted Date
Checked Date
Notes Red. Date
Notes Chkd. Date
Division No.
Job No.
Notes Date
Survey of
Survey by A. C. Johnson
Indexed
Pg. 32

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		531 08				
2+25			84	5227		℄ 1x1
+50			64	5247		" "
+75			42	5269		" "
P.R.C. 2+91 ±			33	5278		℄ 1x2
3+00			26	5285		℄ 1x1
+25			03	5308		" "
T.P. 1x1			033	530 75		
	2 11	5[illegible] 86				
3+50			14	5315		℄ 1x1
+75			12	5317		" "
4+00			19	5310		" "
+25			30	5299		" "
+50			42	5287		" "
+75			59	5270		" "
5+00			73	5256		
+25			85	5244		
+50			94	5235		
+75			106	5223		
6+00			111	5218		
+25			115	5214		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-H Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. Pg. 33

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
6+25		532 86				
T.P. 1X1			1150	52[illegible]36		
	731	528 67				
6+50			82	5205		℄ 1X1
+75			84	5200		
7+00			86	52[illegible]		
P.R.C. 1+75 97			83	52[illegible]	End of 85.54 R. Circle	
B.M.			039	52[illegible]8	Elev. 528.27 Bt spk in root of 50" Gum Tr (S.W. side) N-3303-E-5244	(see pg. 13)

Profile No. X-Sec. No.
Plotted Date
Checked Date
Notes Red. Date 12-12-51
Notes Chkd. Date
Job No. 5323-H Division No.
Survey of Arboretum A.R.B.
Survey by D.E.H. Notes
Indexed E. O. Johnson Date
Pd. 34

Profile No.	Notes Red.	Plotted	Job No.	Division No.	F.B. 1679 Pg. 35
	Date	Date	Survey of		
X-Sec. No.	Notes Chkd.	Checked	Survey by D.E. Holmes	Notes ARB	Date 1-14-53
	Date	Date	Map No.	Indexed A.C. Johnson	Date 1-14-53

ARBORETUM

J.N. 5323-J 1-9-52

ARBORETUM STAFF ENTRANCE RD.

PROFILE

(Note: 1X1 at Stations unless noted)

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		Remarks
N-3400						
E. 5400	1155	54422		532.67	N-3400 & E5400 1" I.P. F.B. pg	Elev 532.67 Pg
1x2 - 39+79.30 =						
1x2 B.C. 0+00			42	540 0		
0+25			36	540 6		
0+50			38	540 4		
+75			35	540 7		
1+00			24	541 8		
+25			18	542 4		
+50			10	543 2		
1+57.45 E.C.			11	543 1		1x2
+57.45 (5' Lt)			09	543 3		1x2 5° Lt
1+75			14	542 8		1x1 "
2+00			13	542 9		"
+25			13	542 9		"
+50			08	543 1		"
T.P. 1x1			083	543 39		
	409	54748				"
2+75			32	544 3		"
3+00			31	544 4		"
+25			33	544 2		"
+50			48	542 7		"
3+51.44 3/4" I.P. (dn 18") =			633	541 15		"

= 0+05 going N.

Profile No. X-Sec. No. Plotted Date Checked Date Notes Red. Date Notes Chkd. Date Division No. Job No. Notes Date Survey of Survey by Indexed L. C. Johnson

F.B. 7679 Pg. 36

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.			
		547 48					
							Remarks
3+51.44			50	542 5			gr. 5° Lt
+75			61	541 4			1x1
4+00			65	541 0			"
+25			59	541 6			"
+50			56	541 9			"
+75			67	540 8			"
5+00			74	540 1			"
+25			73	540 2			"
N 3600 E 5800			821	539 27	Tp of 1" F.B. pg	Elev 539.28	
		Profile of:-					
		N. Curve to Staff Entrance Rd.					
N 3800 E 5400 1x2 = B.C.	515	553 44		548 29	Tp of 1" (dn 8") Per F.B.	pg	Elev
0+00 = 38+02.10			78	5456			1x2
0+25			87	5447			1x1
+50			97	5437			"
+75			106	542 8			"
1+00			112	542 2			"
+25			105	542 9			"

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323 Division No. ____ F.B. 1679 Pg. 37
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.R.B. Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. Notes Date
Job No. Survey of Survey by Indexed

F.B. 1679 PG. 32

STATION	B. S.	H. I.	F. S.	ELEV.			
		553 44					
							Remarks
1+50			103	54[illegible]			
1+46 01 EC =							
1+57 05 E.C			104	54[illegible]			1 X 2
N-3800							
E 5600			389	549 35	Tp of 1" I.P. (dn 8") Per F.B	pg	Elev 549.57
Profile of "Rd one South"							
N 4200							
E 5600							
0+00.112 =	245	566 58		56[illegible] 13	Tp. of 1" I.P. (dn-5") Per F.B.	pg	Elev 564.13
4+85 02			61	56[illegible]			
0+25			61	56[illegible]			
0+50			64	56[illegible]			
0+75			65	56[illegible]			
1+00			70	5596			
+25			73	5593			
1+42 = 0+00 N.			75	5591			1 X 2
0+00 S. = 1+42 E			75	5591			Storage Area
0+25 - S.			80	5586			
0+50 - S.			90	5576			End
0+80 - S.			101	5565			
N-4000							
E-5800			1085	555 73	Tp of 1" I.R (dn-8") Per F.B	pg	Elev. 555.74

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STATION	B. S.	H. I.	F. S.	ELEV.			
		Profile	of:-	"Arboretum Service Entrance Rd."			
							R
N- 4200 E. 5600	735	571 48		564 13	Tp of 1" I.P. (dn 8") Per F.B.	pg	Elev. 564.13
0+00=31+84.44 Int.			451	566 97	Tp of 1" I.P. (dn 12")		
" "			38	567 7			
0+25			39	5676			
+50			41	5674			
+75			43	5672			
1+00			48	5667			
+25			47	5668			
1+33.87 E=6+55.03			565	565 83	Tp of 3/4" I.P.		
" " "			47	5668			9"
1+50			45	5670			
1+75			51	5664			
2+00			53	5662			
+25			57	5658			
+50			56	5659			
2+75.87			59	5656			
2+80.87 E=1+70 N			60	5655			No. End
N- 4200 E- 5800			1043	561 05	Tp of 1" I.P. (dn 8") Per F.B.	pg	Elev. 561.06

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323 Division No. ____ F.B. 1679 Pg. 39
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by D.E. Holmes Notes A.R.B. Date ____
Date ____ Date ____ Map No. ____ Index Job No. ____ Date ____

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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Notes ____ Date ____
Job No. ____
F.B. 1678 PG. 40
Survey of ____
Survey by ____
Indexed K. G. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.			Remarks
	Profile:-			"Rd one North"			
N-4400 E 5800	1102	581 32		570 30	Tp of 1" I.P. (4in-8') Per F.B.	pg	Elev 570.30
0+00 E=8+37.92 N			79	570 4			1X2
0+25			86	572 7			
0+50			85	572 8			
0+75			86	572 7			
1+00			87	572 6			
+25			90	572 3			
1+47.9=3+52 N.			91	572 2			(End) 1X2
N-4600 E-5800			314	578 18	Tp of 1" I.P. (4in-8') Per F.B.	pg.	Elev. 578.17
	Profile:			"Rd two North"			
N 4100 E 5600	486	583 95		579 09	Tp of 1" I.P. (4in-8') Per F.B.	pg	Elev 579.09
112-0+00 E=10+19.02 N			31	580 9			1X2
0+25			36	580 4			
0+50			37	580 3			
+75			41	579 9			
1+00			44	579 6			
+25			48	579 2			

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STATION	B. S.	H. I.	F. S.	ELEV.			
		583 95					
							Remarks
1+50			53	578 7			
1+59E.=5+34-N			54	578 6			End 1 2
N-4600							
E. 5800			578	578 17	Tp of 1." I.P. (dn-8") Per F.B.	pg.	Elev. 578.17
	Profile:- "Rd three North"						
							Remarks
B.M.	598	592 45		586 47		F.B. pg 13.	Elev. 586 47
0+00E=E.C.-1+20.67 N			57	586 8			1 12
0+25			57	586 8			
+50			57	586 8			
+75			57	586 8			
0+93E=11+89.02 N.			685	585 60	Tp of 3/4" I.P. (dn-12")		
" " "			59	586 6			9 1
1+00			58	586 7			
+25			60	586 5			
+50			61	586 4			
+75			62	586 3			
2+00			66	585 9			
2+25			71	585 4			

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323 Division No. ____ F.B. 1679 Pg. 41
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.R.B. Date ____
Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		592 45				
2+50		"	73	585 2		1X2
2+52E=7+04N		"	73	585 2		End
		Profile :- Rc one West				
		592 45				
B.C. 0+00=27+18.84 int			96	582 9		1X2
0+25			89	583 6		
+50			81	584 4		
+75			75	585 0		
1+00			67	585 8		
E.C 1+20.67N=0+00E			57	586 8		1X2
1+25			56	586 9		
+50			43	588 2		
+75			37	588 8		
2+00			22	590 3		
+25			13	591 2		
+50			03	592 2		
T.P.			219	590 26		

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No.
Job No.
Survey of
Survey by
Indexed
Notes Date
F.B. 1679 PG. 42

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STATION	B. S.	H. I.	F. S.	ELEV.			
	521	595 47		590 26			
2+55.51=0+00E			33	5922			(End) 1x2
		Profile :-		Rd. four North			
		595 47					
0+00E=2+55.51N			33	592 2			
0+25			35	592 0			
+50			35	592 0			
+75			32	592 3			
1+00			38	591 7			
+25			35	592 0			
+50			40	591 5			
+75			37	591 8			
2+00			40	591 5			
+25			44	591 1			
+50			48	590 7			
2+52.40=8+53N.			48	590 7			1x2 End
B.M.			831	587 16	F.B.	pg	Elev 587 16

Profile Notes Red. ____ Plotted ____ Job No. 5323 J-1 Division No. ____ F.B. 1679 Pg. 43
No. ____ Date ____ Date ____ Survey of Arbarium
X-Sec. Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.R.B. Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Jo K. Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
N-3800 E-5800	476	553 24		548 48	Tp of 3/4" I.P. (dn-8") Per F.B.	pg (Elv. 548.48) Pg.
	Profile			West - Service Rd		
0+05 N-3+51 44 E-5 3/4			12 09	541 15	Tp of 1" I.P. (dn 12")	
" " "			107	542 5		gr.
0+25			86	544 6		
+50			72	546 0		
+75			62	547 0		
1+00			62	547 0		
+25			55	547 7		
+50			50	548 2		
+75			41	549 1		
2+00			32	550 0		
+25			23	550 9		
+50			13	551 9		
2+75			04	552 8		
T.P			0 44	552 80		
	903	561 83				
3+00			80	553 8		
+25			69	554 9		
+50			61	555 7		

F.B. 1649 Pg. 44
Job No. 5323 Division No. J-1
Survey of
Survey by
Indexed L. C. Johnson
Notes
Date
Notes Red.
Date
Notes Chkd.
Date
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

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STATION	B. S.	H. I.	F. S.	ELEV.			
		561 83					
							Remarks
3+75			54	5564			
4+00			48	5570			
+25			38	5580			
+50			26	5592			
+75			19	5599			
4+85.02N=0+00E			13	5605			1x2
5+00			08	5610			
T.P. 1x1			084	56099			
	1166	572 65					
5+25			109	5618			
+50			103	5624			
+75			91	5636			
6+00			80	5647			
+25			73	5654			
+50			61	5666			
6+55.02N=1+33.87E			683	56582	Tp of 3/4" I.P. (dn 12")		
" " "	" " "		58	5669			gr.
6+75			50	5677			
7+00			44	5683			

Profile Notes Red. ____ Plotted ____ Job No. 5323 Division No. J-1 F.B. 1679 Pg. 45
No. ____ Date ____ Date ____ Survey of Ammonium
X-Sec. Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.P.B. Date ____
No. ____ Date ____ Date ____ Map No. ____ Made by Johnson Date ____

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. Notes Date
Job No.
Survey of
Survey by
Indexed E. C. Johnson
F.B. 1179 PG. 46

STATION	B. S.	H. I.	F. S.	ELEV.		
		572 65				
7+25			33	569 4		
+50			25	570 2		
+75			15	571 2		
8+00			03	572 4		
T.P. 1X1			029	572 36		
	1050	582 86				
8+25			97	573 2		
8+37.02 N=0+00 E			95	573 4		1X2
8+50			92	573 7		
+75			80	574 9		
9+00			70	576 9		
+25			58	577 1		
+50			46	578 3		
+75			36	579 3		
10+00			29	580 0		
10+19.02 N=0+00 E			20	580 9		1X2
+25			16	581 3		
10+50			10	581 9		
T.P. 1X1			097	581 69		

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STATION	B. S.	H. I.	F. S.	ELEV.			
	749	589 38		581 89			
✓							Remarks
10+75			68	5826			
11+00			61	5833			
+25			50	5844			
+50			41	5853			
+75			32	5862			
11+89.02N=0+93E			378	58560	Tp of 1" I.P. (dn-12") Elev-585.60 pg		
			20	5874			(End)

Profile :- East Service Rd.

N-4200 E. 5800	1015	571 21		561 06	Tp of 1" I.P. (dn 8") Per F.B. pg		Elev 56.06
0+00N=1+24E			122	559.0			1x2
0+25			122	5590			
+50			118	5594			
+75			111	5601			
1+00			103	5609			
+25			90	5622			
+50			75	5638			
1+70N=2+75.87E			56	5656			1x2

Profile Notes Red. ____ Plotted ____ Job No. 5323 Division No. ____ F.B. 1679 Pg. 47
No. ____ Date ____ Date ____ Survey of Arboretum
X-Sec. Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.R.B. Date ____
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		571 21				
1+70N=2+80.87E			57	5655		1x2
1+75			56	5656		
2+00			49	5663		
+25			44	5668		
+50			31	5681		
+75			18	5694		
3+00			11	5701		
T.P. 1x1			114	57[illegible]		
	1194	582 01				
3+25			107	5713		1x2
3+52 N=1+47E			98	5722		
3+52 N=1+66.50E			102	5718		℄ of 5° Walk (1x2)
3+75			94	5726		
4+00			86	5734		
+25			78	5742		
+50			66	5754		
+75			58	5762		
5+00			49	5771		
+52			40	5780		End of 5° ℄ Walk
5+34N=1+63.50E			37	5783		1x2

Profile
No.
X-Sec.
No.
Plotted
Date
Checked
Date
Notes Red.
Date
Notes Chkd.
Date
Division No.
Job No.
Notes
Date
Survey of
Survey by
Indexed [illegible]

F.B. 7679 PG. 48

76L298 307 5-49

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
		582 01					
5+34N=1+59E.			34	5786			1X2
5+50			29	5791			
+75			15	5805			
6+00			08	5812			
T.P. 1X1			084	581 11			
	1054	591 71					
6+25			97	5820			
+50			90	5827			
+75			78	5839			
7+00			68	5849			
7+04N=2+52E			65	5852			1X2
+25			59	5858			
+50			45	5872			
+75			34	5883			
8+00			25	5892			
+25			18	5899			
+50			11	5906			
8+53N=2+52.40E			11	5906			1X2 (End)
B.M			454	587 17		F.B. pg	Elev. 557.16

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323 Division No. ____ F.B. 1679 PG. 49
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.R.B. Date ____
Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

B. 1679 PG. 50

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

Survey of_____ Date_____ Date_____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

76L298 307 5-49

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76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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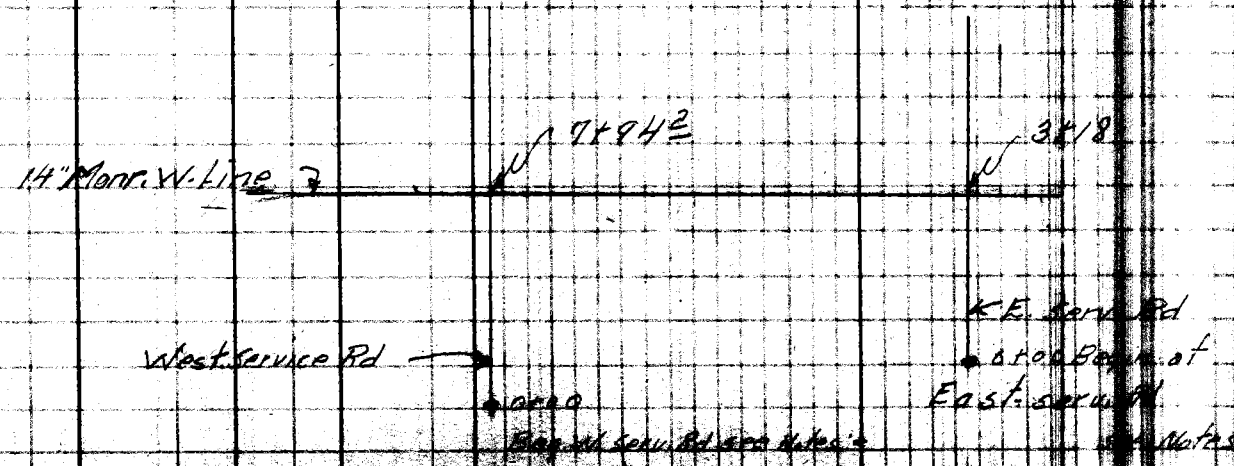
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		Arboretum			J.N. 5323 J
Elev. on 14" Monrovia Water Line at Crossing of E. & W. Serv. Rds.					
N 4400 E 5600	3 67	575 85		572.18	
7+94 2			5 71	570 14	Tp of 14" water P. at inters. of W. Service Rd.
" "			4 00	571.9	Gr. " " " " " "
3+18			6 53	569.32	Tp of 14" W. Pipe at inters. of E. " " "
			4 8	571 1	Gr. " " " " " "
N 4400 E 5800			5 54	570.31	Elev. 570.30 Tp of 1" IP



Profile Notes Red. Plotted Job No. Division No.
No. Date Date Survey of
No. Date Date Map No. Indexed Date
F. S. 1679

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. _____

76L298 307 4-50

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

Profile No.	Notes Red.	Plotted	Job No. 5323-H	Division No.	F.B. 1679 PG. 53
	Date	Date	Survey of Arboretum		
X-Sec. No.	Notes Chkd.	Checked	Survey by Holmes Notes A.R.B.	Date 4-21-52	
	Date	Date	Map No. Indexed J. C. Johnson	Date 1-15-53	

J.H. 5323-J-1.

ARBORETUM

Elvs on Const. STAKES before Excavating Work. N.E. AREA.

Contractor TAYLOR & DIMMIT.

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

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Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

76L298 307 5-49

76L298 307 5-49

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(Rd. "Two" North)

T.B.M. Elv. 587.16 Pg. 13. Bt. Spk. in Oak Tr.
155' ± So. of fence Co. #34

STATION	B. S.	H. I.	F. S.	ELEV.	% GRADE	C.	Remarks
T.B.M.				587.16			
	190	589.06					
0+00			82	580.9	573.54	7.4	
0+10			83	580.8	73.8	7.0	
0+20			87	80.4	74.0	6.4	
" "			91	80[illegible]	74.5	5.5	10-R
" "			95	79.6	75.1	4.5	20 "
" "			83	80.8	74.5	6.3	10-L
			79	81.[illegible]	77.6	3.6	20-L
0+30			86	80.5	74.1	6.4	
" "			97	79.4	75.1	4.3	20 R
			80	81.1	77.6	3.5	20 L
0+50			88	80.3	74.2	6.1	℄
			97	79.4	75.1	4.3	20-R
			81	81.0	77.6	3.4	20-L
			68	82.[illegible]	77.6	4.7	50-L
			59	83.2	77.6	5.6	80-L
			47	84.4	77.6	6.8	110-L
			36	85.5	77.6	7.9	140-L
0+75			94	79.7	74.3	5.4	℄

Profile No. ___ X-Sec. No. ___
Plotted ___ Date ___ Checked ___ Date ___
Notes Red. ___ Date ___ Notes Chkd. ___ Date ___
Job No. 5323-1-1 Division No. ___
Survey of ___ Notes ___ Date ___
Survey by ___
Indexed K. C. Johnson
F.B. 1679 Pg. 54

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Remarks
		589 06					
0+75			102	78 9	75.10	3.8	20-R.
			79	81 2	77.6	3.6	20-L.
			72	81 9	77.6	4.3	50-L
			61	83 0	77.6	5.4	80-L
			51	84 0	77.6	6.4	110-L.
			35	85 6	77.6	8.0	140-L.
1+00			95	79 6	74.4	5.2	℄
			104	78 7	75.1	3.6	20-R.
			84	80 7	77.6	3.1	20 L.
1+08			86	80 5	77.6	2.9	20.L.
			74	81 7	77.6	4.1	50-L.
			64	82 7	77.6	5.1	80-L
			52	83 9	77.6	6.3	110-L
			43	84 8	77.6	7.2	140-L
1+29			100	79 1	74.5	4.6	℄.
			106	78 5	75.1	3.4	20-R.
			92	79 9	77.6	2.3	20-L.
1+39			101	79 0	74.7	4.3	℄
			108	78 3	75.1	3.2	20 R.
			98	79 3	75.0	4.3	10-L.

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 5383-1-1 Division No. ____ Survey of Arboretum

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Holmes Notes A.R.B. Date ____ Map No. ____ Date ____ Indexed [illegible] Date ____

F.B. 1679 PG. 55

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		589 06					
1+44			110	78[illegible]	77.1	3.0	20 R.
1+49			105	78[illegible]	75.2	3.4	℄
1+54			107	78[illegible]	75.7	2.7	10-R.
" "			112	77.9	75.1	2.8	20-R
1+59			105	78[illegible]	75.7	2.9	℄.
	E. Service Rd						
		589 06					
5+34			105	78[illegible]	75.7	2.9	℄.
" "			106	78.5	76.2	2.3	16-R.
5+54			99	79[illegible]	75.9	3.3	℄.
			98	79[illegible]	76.4	2.9	16-R.
			9[illegible]	[illegible]	76.4	2.9	10-L.
			92	79[illegible]	77.6	2.3	20-L.
5+64			94	79[illegible]	76.2	3.5	℄
			96	79[illegible]	76.7	2.8	16-R.
			94	79[illegible]	76.7	3.0	10-L.
			91	80[illegible]	77.6	2.4	20-L.
5+74			89	80[illegible]	76.5	3.7	℄.
			92	79[illegible]	77.0	2.9	16-R.

F.B. 1679 Pg. 56
Job No. 5323-J-1 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of Arboretum Notes A.R.B. Date ____ Date ____ No. ____
Survey by Holmes Date ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed [illegible] C. Johnson Date ____ Date ____ No. ____

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Remarks
		589 06					
5+74			86	80.5	77.0	3.5	10-L
			84	80.7	77.6	3.1	20-L
6+00			80	81.1	77.2	3.9	℄
			81	81.0	77.7	3.3	16-R
			75	81.6	77.7	3.9	10-L
			75	81.6	77.6	4.0	20-L
6+25			76	81.5	77.9	3.6	℄
			71	82.0	78.4	3.6	16-R
			69	82.2	78.4	3.8	10-L
			69	82.2	77.6	4.6	20-L
6+50			66	82.5	78.6	3.9	℄
			67	82.4	79.1	3.3	16-R
			60	83.1	79.1	4.0	10-L
			55	83.6	77.6	6.0	20-L
6+74			51	84.0	79.3	4.7	℄
			53	83.8	79.8	4.0	16-R
			51	84.0	79.8	4.2	10-L
			48	84.3	77.6	6.7	20-L
6+84			48	84.3	79.5	4.8	℄
			48	84.3	80.0	4.3	16R

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 5323-1/Division No. ____ Survey of Alberkrum Notes ARB Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Date ____ Indexed Jackson Date ____ X-Sec. No. ____ F.B. 1279 Pg. 57

76L298 307 5-49

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Do not extend notes this side of this line.

F.B. 1679 PG. 58

Job No. 5323-J-1 Division No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Profile No. ____

Survey of Arboretum Notes A.R.B. Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ X-Sec. No. ____

Survey by Holmes

Indexed H. C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Remarks
		589 06					
6+84			47	844	79.8	4.6	10-L
6+94			44	847	79.7	5.0	℄
7+04			44	847	80.2	4.5	16-R
			39	853	80.1	5.1	℄
			39	853	80.6	4.6	16-R
7+16			36	855	80.7	4.8	℄
			37	854	81.2	4.2	16-R
7+24			32	859	81.4	4.5	℄
			28	863	81.9	4.4	16-R
			32	859	81.4	4.5	10-L
7+34			27	864	82.1	4.3	℄
			27	864	82.6	3.8	16-R
			26	865	82.5	4.0	10-L
7+50			21	870	83.2	3.8	℄
			20	871	83.7	3.4	16-R
			15	876	83.7	3.9	10-L
7+75			09	882	84.8	3.4	℄
			08	883	85.3	3.0	16-R
			04	887	85.3	3.4	10-L
7+75 T.P. 1X1			089	588.17			

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Remarks
				588 17			
	4 90	593 07					
8+00			39	89 2	86.5	2.7	℄
			40	89 1	87.0	2.1	16 R.
			36	89 5	87.0	2.5	10-L.
8+26 56			31	90 0	88.2	1.8	℄
			32	89 9	88.7	1.2	16-R.
			28	90 3	88.7	1.6	10-L.
8+31 85			29	90 2	88.6	1.6	℄
			30	90 1	89.1	1.0	10 R.
T.B.M.			5 90	587 17	Elev 587.16	See pg.	Bt sp.t in Base of oak Tr. ±155 S. of Fence Cor #34
		West Service Rd (See pg. 73+74 for Lt. Side)					
				587 16	Elev 587.16		
	4 52	591 68					
10+19.02			10 9	80 8	73.5	7.3	℄
			10 9	80 8	74.0	6.8	10-L
10+29 02			10 4	81 3	73.7	7.6	℄
10+39.02			10 3	81 4	74.2	7.2	10-L
			10 0	81 7	73.9	7.8	℄
			10 2	81 5	74.4	7.1	10 R.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-J-1 Division No. ____ F.B. 1679 PG. 59
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by Holmes Notes A.R.B. Date ____
Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

76L298 307 5-49

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Profile No. ____ Plotted ____ Notes Red. ____ Division No. 5323-J-1 Job No. ____ Survey of Arbor Farm
X-Sec. No. ____ Date ____ Date ____ Notes Chkd. ____ Notes A.R.B. Survey by Holmes
Checked ____ Date ____ Date ____ Indexed [redacted]

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		591 68					
10+39.02			100	81 7	74.4	7.3	10-L
10+50			98	81 9	74.1	7.8	℄
			99	81 8	74.6	7.2	10-R
			97	82 0	74.6	7.4	10-L
10+69.02			95	82 3	77.6	4.6	20 R
10+75			92	82 5	74.6	7.9	℄
			91	82 [illegible]	75.1	7.5	10-R
			91	82 6	75.1	7.5	10-L
10+99.02			81	83 [illegible]	77.6	6.0	20 R
11+00			86	83 1	75.0	8.1	℄
			84	83 [illegible]	75.5	7.8	10-R
			83	83 7	75.5	7.9	10-L
11+25			74	84 [illegible]	75.5	8.8	℄
			74	84 [illegible]	76.0	8.3	10-R
			73	84 [illegible]	76.0	8.4	10-L
11+29.02			70	84 7	77.6	7.1	20-R
11+59			60	85 7	76.2	9.5	℄
			63	83 7	76.7	8.7	10-R
			64	85 3	77.6	7.7	20-R
			61	85 6	76.7	8.9	10-L

76L 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		591.68					
11+69.02			5.8	85.9	76.3	9.6	℄
			6.0	85.7	76.8	8.9	10 R
			~~5.6~~	~~86.1~~	~~76.8~~	~~9.3~~	~~10-L~~
11+79.02			5.3	86.4	76.5	9.9	℄
11+89.02			6.1	85.6	76.7	8.9	℄ Top of 1" 1P (dia 12")
		Rd Three North					
		591.68					
0+00			5.0	86.7	82.3	4.4	℄
+18.66			4.9	86.8	81.2	5.6	℄
0+20			5.3	86.4	81.7	4.7	10 R
			5.1	86.6	81.1	5.5	℄
			4.5	87.2	81.7	5.5	10-L
0+50			5.0	86.7	79.3	7.4	℄
			5.2	86.5	79.8	6.7	10-R
			4.6	87.1	79.8	7.3	10-L
0+73			4.9	86.8	77.9	8.9	℄
			5.3	86.4	78.2	8.2	10-R
			4.5	87.2	[illegible]	[illegible]	10-L
0+83			5.0	86.7	[illegible]	[illegible]	℄

Profile Notes Red Plotted [illegible] Job No. 5323-1-1 Division No. 1679

No. Date Date Survey of Arboretum

No. Date Date Map No. Indexed Date

76L298 307 4-50

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Do not extend notes this side of this line.

Job No. 5723-1 Division No. Notes Bkd. Plotted Profile No.
Survey of Arboretum Date Date Date X-Sec. No.
Survey by Helgeson Notes A.R.B. Notes Chkd. Checked
Indexed C. Jackson Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Remarks
		591.68					
0+83			47	810	77.8	9.2	10-L
0+93			61	856	76.7	8.9	℄ Tpak 1'(dn. 12")
			46	871	77.2	9.9	10-L
1+03			49	868	76.7	10.1	℄
1+13			47	870	77.2	9.8	10-L ?
			54	863	76.8	9.5	℄
			55	862	77.0	9.2	10-R
			58	859	77.6	8.3	20 R
			46	871	77.5	9.8	10-L ?
1+23			54	863	76.8	9.3	℄
			58	859	77.6	8.3	20 R
			49	868	77.3	9.5	10 L
1+50			53	864	76.9	9.5	℄
			57	860	77.6	8.4	20 R
			50	867	77.4	9.3	10 L
1+75			56	861	77.0	9.1	℄
			61	856	77.6	8.0	20 R
			51	866	77.5	9.1	10 L
2+00			60	857	77.1	8.6	℄
			67	850	77.6	7.4	20 R

74L398 307 4-60

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		591.68					
2+00			5.5	86.2	77.6	8.6	10-L
2+22			6.4	85.3	77.3	8.0	℄
			6.9	84.8	77.6	7.2	20-R
			6.0	85.7	77.8	7.9	10-L
2+32			6.5	85.2	78.1	7.1	℄
			7.0	84.7	78.3	6.4	10 R
			7.3	84.4	77.6	6.8	20 R
			6.1	85.6	78.7	6.9	10-L
2+42			6.6	85.1	79.1	6.0	℄
2+52			6.5	85.2	80.1	5.1	℄
			Rd. 1	West			
		591.68					
1+20.67			5.0	86.7	82.3	4.4	℄
1+30.67			4.6	87.1	82.8	4.3	℄
			4.5	87.2	83.3	3.9	10 L
1+40.67			4.2	87.5	83.7	3.8	10-R
1+50			4.1	87.6	84.1	3.5	℄
			3.8	87.9	84.6	3.3	10-R
			4.0	87.7	[illegible]	3.1	10-L

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 5738-1/Division No. ____ Survey of Alberta Tract
No. ____ Date ____ Map No. ____ Date ____ Sheet No. 5 of 18 Date 7/6/79

Profile
Plotted ____ Date ____ No. ____ X-Sec.
Checked ____ Date ____ No. ____

Notes Red ____ Date ____
Notes Chkd ____ Date ____

Job No. 523-1/Division No. ____
Survey of Arbor Estates
Survey by Holmes Notes A.R.B.
Indexed R. C. Rich Date

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		591 68					
1+75			31	88 6	85.6	3.0	℄
			29	88.3	86.1	2.7	10-R
			31	88 6	86.1	2.5	10-L
2+00			1.5	90 3	87.1	3.1	℄
			1.4	90 3	87.6	2.7	10-R
			1.4	90 3	87.6	2.7	10-L
2+25			0.6	91 1	88.7	2.4	℄
			0.5	91 2	89.2	2.0	10-R
			0.4	91 3	89.2	2.1	10-L
T.P. IX1 2+00			1.45	590 33			
	4.66	594 89					
2+31.87			3.1	91 8	89.1	2.7	℄
			3.5	91 4	89.6	1.8	10-R
2+36.60			3.3	91 6	89.4	2.2	℄
			3.4	91 5	89.9	1.6	10 L
			2.7	92 2	90.2	2.0	℄ 4/2 4/2
			3.3	91 6	90.6	1.0	10-R "
			2.5	92 4	90.8	1.6	10-L "

764.298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		Rd. Four North					
		59489					
0+18.91 E.C.			3.0	91.9	90.6	1.3	℄
			2.5	92.4	91.1	1.3	10 L
			2.4	92.5	91.1	1.4	17 L
0+25			2.9	92.0	90.6	1.4	℄
			3.4	91.5	91.1	0.4	10 R
			2.3	92.6	91.1	1.5	17 L
0+50			2.9	92.0	90.7	1.3	℄
			3.0	91.9	91.2	0.7	10 R
			2.4	92.5	91.2	1.3	17 L
0+75			2.8	92.1	90.8	1.3	℄
			3.0	91.9	91.3	0.6	10 R
			2.8	92.1	91.3	0.8	17 L
1+00			3.4	91.5	90.9	0.6	℄
			3.5	91.4	91.4	0.0	10 R
			2.4	92.5	91.4	1.1	17 L
1+26.40			3.0	91.9	91.0	0.9	℄
			3.1	91.8	91.5	0.3	10 R
			2.7	92.2	91.5	0.7	17 L
1+50			3.6	91.3	90.8	0.5	℄

Profile No. _____ Date _____ Notes Red _____ Date _____ Plotted _____ Date _____ Job No. 7323-L/Division No. _____ Survey of Arbaretum

No. _____ Date _____ Date _____ Map No. _____ Date _____

1209

76L398 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		594.89					
1+50			36	91.3	91.3	0.0	10-R
			28	92.1	91.3	0.8	17 L
1+75			33	91.6	90.6	1.0	℄
			34	91.5	91.1	0.4	10-R
			30	91.9	91.1	0.8	10-L
2+00			35	91.4	90.4	1.0	℄
			38	91.1	90.9	0.2	10-R
			29	92.0	90.9	1.1	10-L
2+25.96			40	90.7	90.2	0.7	℄
2+31.25			42	90.7	90.7	0.0	10-R
			40	90.7	90.2	0.7	℄
			39	91.0	90.7	0.3	10 L
			33	91.6	90.7	0.9	17 L
			41	90.8	89.6	1.2	℄ 4/2 4/2
			43	90.6	90.0	0.6	10 R "
			42	90.7	90.2	0.5	10-L "

Elev. on Area Bounded by 3 & 4 North & Rd. west & E. Serv. Rd.
Stationing on ℄ of 3 North used as Control
Note: Grade Calc. from Rd. Edge to Rd. edge.

		594.89					
0+50			65	88.4	582.7	5.7	40-L

Job No. 5723-J-1 Division No. Notes Red. Plotted Profile
Date Date No.
Survey of Arboretum Notes ARB Notes Chkd. Checked X-Sec.
Survey by Holmes Date Date No.
Indexed R. C. Johnson

76L29B 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		594 89					
0+50			51	898	85.7	4.1	70 L
			40	909	88.5	2.4	100 L
1+03			63	886	80.8	7.8	40 L
			52	897	84.3	5.4	70 L
			45	904	87.9	2.5	100 L
1+50			68	881	80.8	7.3	40 L
			52	897	84.2	5.5	70 L
			41	908	87.6	3.2	100 L
2+00			72	877	80.8	6.9	40 L
			58	891	84.0	5.1	70 L
			49	900	87.2	2.8	100 L
T.B.M.			775	58714	Elev. 58716 Bt spk in Oak Tr 155± S. of [illegible] Cor [illegible]		

Profile Notes Red ____ Plotted ____ Job No. 5323-1 Division No. ____ F. S. 1679

No. ____ Date ____ Date ____ Survey of Arboretum

No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

1279 68

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Z. C. Johnson Date Date Date No.

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

76L298 307 4-50

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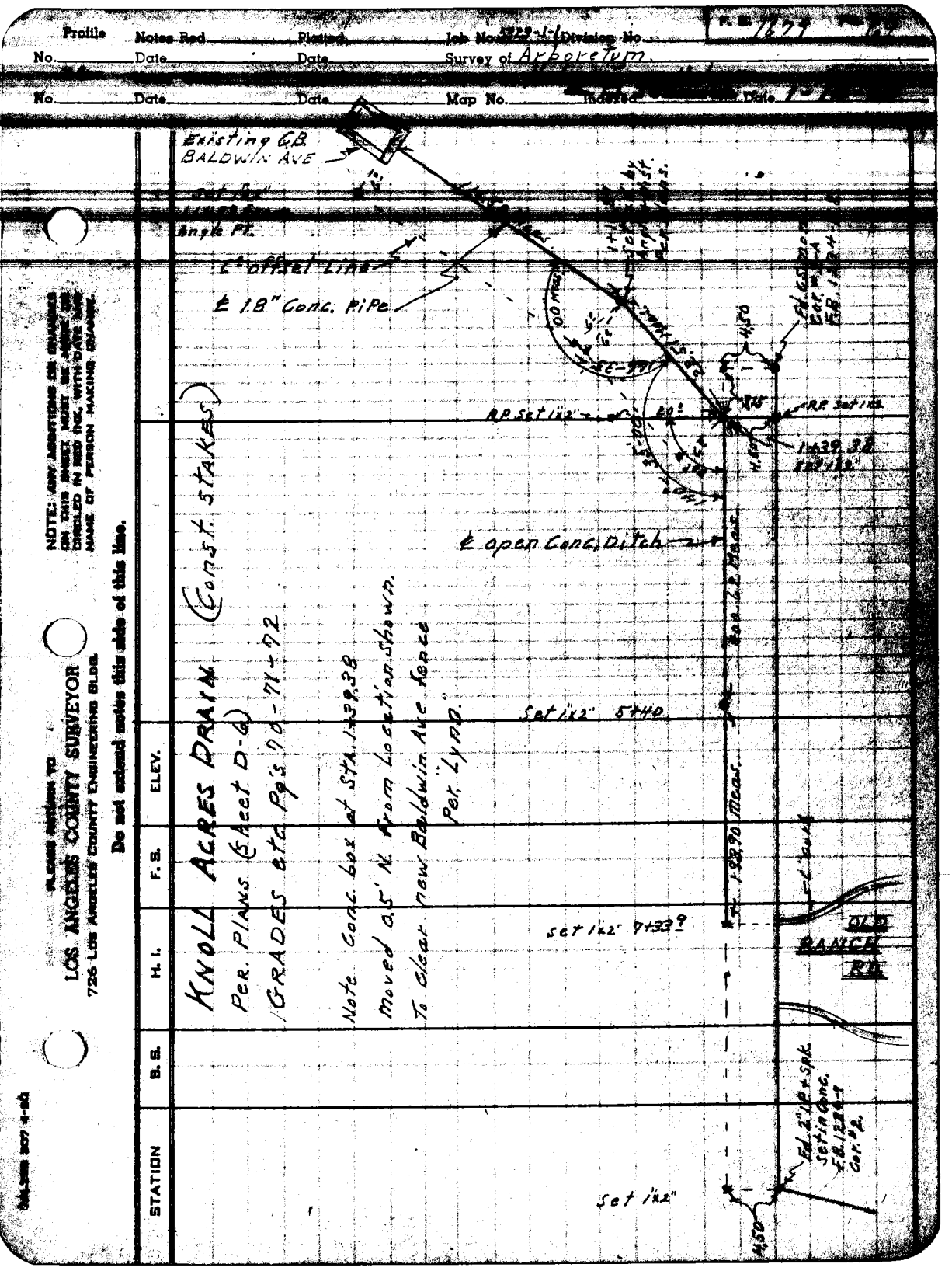
Profile Notes Red Plotted Job No. 5929-1-1 Division No.

No. Date Date Survey of Arboretum

No. Date Date Map No. Indexed Date



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STATION	B. S.	H. I.	F. S.	ELEV.	Grade		
					Elev 511.395 P#10 F.B. 1234 pg 98 & F.B. 1661 pg 99		
				511.395			
	1.54	512.935					
			11.905	501.03			
	2.20	503.23					
T.P. - R.P.			11.39	491.84			
	5.21	497.05				"cut"	Note: 1x2 set 6° Right
0+00			8.76	88.29	484.60	3.69	
+25			8.52	88.53	84.94	3.59	
+50			8.24	88.81	85.28	3.53	
+75			7.12	89.93	85.62	4.31	
1+00			6.38	90.67	85.96	4.71	
1+16.87			5.97	91.08	86.19	4.89	1x2 Back
1+16.87			6.03	91.02	86.19	4.83	" ahead
+25			6.13	90.92	86.30	4.62	
1+39.38			6.14	90.91	86.50	4.41	1x2 Back
T.B.M			7.32	489.73	Top of C.S. Mon Cor 1-A		
					Note 1x2 set at ℄		
1+39.38			6.06	90.99	90.99		℄ ahead
1+50			5.86	91.19	91.19		

Survey of Survey by Holmes Notes A.R.B. Date
Indexed C. Jackson Date
Job No. 5725 Notes Bad Date Plotted Date
Notes Chkd. Date Checked Date
Profile No. X-Sec. No.

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade
		49705			
1+75			538	9167	91.67
2+00			491	9214	92.14
+25			443	9262	92.62
+50			396	9309	93.09
+75			348	9357	93.57
3+00			301	9404	94.04
+25			253	9452	94.52
+50			206	9499	94.99
+75			158	9547	95.47
4+00			111	9594	95.94
T.P. 1X1			252	49453	
	985	50438			
4+25			796	9642	96.42
+50			749	9689	96.89
+75			701	9737	97.37
5+00			654	9784	97.84
+25			606	9832	98.32
5+40			579	9859	98.59
5+50			564	9874	98.74
+75			528	9910	99.10

1.45 %

Profile Notes Red. ____ Plotted ____ Job No. 5323-J-1 Division No. ____ F.B. 1679 Pg. 71
No. ____ Date ____ Date ____ Survey of ARBORETUM
X-Sec. Notes Chkd. ____ Checked ____ Survey by Holmes Note ARB. Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
		504 38				
6+00			492	99 46	1.45% 99.46	
+25			456	99 82	99.82	
6+50			419	500 19	500.19	
+75			383	500 55	500.55	
7+00			347	500 91	500.91	
+25			311	501 27	501.27	
7+33 90			298	501 40	501.40	
			033	504 05		
	1156	515 61				
			254	513 07		
	652	519 59				
T.B.M.			266	516 93	Elev 516.90 F.B 1234 Pg 209 Bt spk in base of 30' Gum tree & F.B. 1661 pg 99	

F.B. 1679 PG. 72

Job No. 5323-J-1 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of ____ Date ____ Date ____ No. ____

Survey by Holmes Notes A.R.B. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

76L298 307 5-49

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J.N 5323 J-1
Arboretum
Elv's on West Serv Rd. Before Excavation
from 8+47.02 to N+59 1X1-Set 20° Left of ℄ of Rd.
see pg. 59-60 for Rt. Side

STATION	B. S.	H. I.	F. S.	ELEV.	Grade Elev	Cut		
N 4600 E 5800	7.78	585.95		578.17	Elev 578.17	N 4600 E 5800	FB 1679 pg 11	
8+47.02			12.3	73.7			℄	
			12.0	74.0	72.5	C-1.5	20 L.	C. 1.8 46 L
8+75			11.2	74.8			℄	
"			10.8	75.2	72.7	C-2.5	20 L.	
9+00			10.2	75.8			℄	
			10.2	75.8	73.0	C-2.8	20 L.	
9+25			9.1	76.9			℄	
			8.8	77.2	73.2	C-4.0	20 L.	
9+50			7.7	78.3			℄	
			7.7	78.3	73.4	C-4.9	20 L.	
9+75			7.0	79.0			℄	
			7.2	78.8	73.6	C-5.2	20 L.	
9+99.02			6.2	79.8			℄	
			6.0	80.0	73.8	C-6.2	20 L.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by Holmes Notes J.R.B. Date ____
Date ____ Date ____ Map No. ____ Drawn ____ Date ____

F.B. 1679 Pg. 73

76L298 307 5-49

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Profile No. ____ Plotted ____ Date ____ Notes Red. ____ Date ____ Notes Chkd. ____ Date ____

X-Sec. No. ____ Checked ____ Date ____

Job No. 5323-J-1 Division No. ____ Notes A.R.B. Date ____

Survey of ____ Survey by Holmes Indexed L. G. Johnson

F.B. 1679 PG. 741

STATION	B. S.	H. I.	F. S.	ELEV.	Grade 10°L	Cut	
		58595					
10+19.02			51	80.9			2
			49	81.1	74.0	C-7.1	20L
10+39.02			42	81.8			2
			45	81.5	74.4	C-7.1	20L
10+50			41	81.9			2
			42	81.8	74.6	C-7.2	20L
10+75			34	82.6			2
			33	82.7	75.1	C-7.6	20L
11+00			29	83.1			2
			25	83.5	75.5	C-8.0	20L
11+25			17	84.3			2
			14	84.6	76.0	C-8.6	20L
11+59			04	85.6			2
			05	85.5	76.7	C-8.8	20L
N-4600 E 5000			778	57817	Elev. 57817	see pg-11	

76L298 307 5-49

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Elevation on Greenhouse site (See pg. 112 for Rt. Side)
before excavation, "Stationing Control by One North Rd"

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
N-4400 E-5800	946	579 76		57030			Elev - 570.30 3/4" I.P. Dn. 1' N-4400 E-5800
0+20			42	5756	575.10	C-0.5	60L
0+20			28	5770	"	C-1.9	90L
0+20			14	5784	"	C-3.3	120L
0+20			02	5796	"	C-4.5	162L
0+55			46	5752	"	C-0.4	60L
0+55			31	5767	"	C-1.6	90L
0+55			19	5779	"	C-2.8	120L
0+55			04	5794	"	C-4.3	162L
0+90			53	5745	"	F-0.6	60L
0+90			35	5763	"	C-1.2	90L
0+90			25	5773	"	C-2.2	120L
0+90			11	5787	"	C-3.6	162L
1+25			53	5745	"	F-0.6	60L
1+25			41	5757	"	C-0.6	90L
1+25			32	5766	"	C-1.5	120L
1+25			13	5785	575.10	C-3.4	162L

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 5323-J-1 Division No. ____ Survey of Arboretum
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Holmes Notes J.D. Date ____ Map No. ____ Date ____ Indexed C. Johnson Date ____

F.B. 1679 Pg. 95

76L298 307 5-49

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Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Job No. 5323-J-1 Division No. Notes Date

Survey of
Survey by L. C. Johnson
Indexed

F.B. 1699 PG. 76

STATION	B. S.	H. I.	F. S.	ELEV.				
		579.76			Grade	Cut		
1+54			58	574.0	575.10	F-1 L	60 L	
1+54			46	575.2	"	C-0 L	90 L	
1+54			33	576.5	"	C-1 4	120 L	
1+54			19	577.9	575.10	C-2 8	162 L	
N-4600 E-5800			1.59	578.17			Elev - 578.17	3/4" I.P. Dn 8" N-4600 E-5800

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum Notes J.D. Date ____
Notes Chkd. ____ Checked ____ Survey by Holmes Notes J.D. Date ____
Date ____ Date ____ Map No. ____ Title Job ____ Date ____

F.B. 1478 PG. 77

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
							Elevations of East Service Rd. - from the ℄ Sta 3+52.0 at One North to ℄ sta 5+34.0 at Two North - Before Excavation. Note: see pg 89 & 90 for E-Ser. Rd South.
N-4400 E-5800	11 08	58 138		57030			Elev - 570.30 - 3/4" I.P. Dn 12" N-4400, E-5800 Per F.B.
3+52			99	571 5	571.84	F-0 3	℄
			96	571 8	572.00	F-0 3/12	8.5 R
3+62			92	5722	572.07	C-0 1	℄ Δ/2 of Curve
			92	5722	572.29	F-0 1/12	8.5 R
3+72			88	5726	572.17	C-0 4	℄ E.C.R.
			89	5725	572.37	C-0 1/62	8.5 R
4+00			82	5732	572.93	C-0 3	℄
			79	5735	573.13	C-0 4/62	8.5 R
4+25			74	5740	573.60	C-0 4	℄
			73	5741	573.80	C-0 3/62	8.5 R
4+50			62	5752	574.28	C-0 9	℄
			59	5755	574.48	C-0 3/62	8.5 R
4+75			55	5759	574.95	C-0 9	℄

76L293 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		581 38					
4+75			53	576 1	575.15	C- 0 9/6 0	8.5 R
5+00			45	576 9	575.63	C- 1 3	℄
			43	577 1	575.83	C- 1 3/6 0	8.5 R
5+24			35	577 9	576.05	C- 1 8	℄
			30	578 4	576.25	C- 2 1/6 0	8.5 R
5+34			32	578 2	576.10	C- 2 1	℄
			29	578 5	576.22	C- 2 3/6 0	8.5 R
N-4600 E-5800			321	578 17			Elev.- 578.17 3/4" I.P. Dn. 8" N-4600, E-5800 Per F.B.

Profile No. ___ X-Sec. No. ___
Plotted ___ Date ___ Checked ___ Date ___
Notes Red. ___ Date ___ Notes Chkd. ___ Date ___
Division No. ___ Job No. 5323-1
Notes ___ Date ___
Survey of ___
Survey by ___
Indexed ___
F.B. 1679 PG. 78

76L298 307 5-49

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Elevations on Rd. One West - from ℄ sta 0+00 to ℄ sta 2+36.60 - Before Excavation

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
T.B.M.	691	59407		58716	GRADE		Elev - 587.16 - Bt. Spk in No. base 24" Oak 155± SO. of N.E. Cor #34 & 2 W of Fence. Per Fb. 1679-13
0+21.73			110	5831	582.79	C - 0 3/10	20 R
0+27.78			105	5836	582.72	C - 0 9	℄
			102	5839	582.89	C - 1 8/10	20 L
0+50			99	5842	582.65	C - 1 5	℄
			100	5841	582.95	[illegible] 1 1/10	20 R
			97	5844	582.95	C - [illegible]/10	20 L
0+75			91	5850	582.47	C - 2 5	℄
			94	5847	582.88	C - 1 8/10	20 R
			91	5850	582.88	C - 2 1/10	20 L
0+90			86	5855	582.36	C - 3 1	℄
			86	5855	582.84	[illegible] 2 7/10	20 R
			86	5855	582.84	[illegible] 2 7/10	20 L
1+03.29			82	5859	582.48	C - 3 4/10	20 R Radis Pt. 10'
1+20.67			74	5867	582.29	C - 4 4	℄ E.C.
			74	5867	582.79	C - 3 9/10	20 L (C - 3.6 / 88.1 = 20:1 slope)

Note Int. stakes set 10' offset to edge of Rd. (for const.)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-1-1 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by Holmes Notes J.D. Date ____
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1679 PG. 79

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		59407					
1+30.67			70	5871.	582.75	C-4 3/.	℄
			68	5873.	583.25	C-4 0/10 0.	20L
1+40.67			67	5874.	583.74	C-3 7/10 0.	20R Radis Pt. 10'
1+50			65	5876.	584.08	C-3 5/.	℄ (C-3.0/70L = 20-1 slope)
			65	5876.	584.58	C-3 0/10 0.	20R
			64	5877.	584.58	C-3 1/10 0.	20L
1+75			55	5886.	585.60	C-3 0/.	℄
			53	5888.	586.10	C-2 7/10 0.	20R
			55	5886.	586.10	C-2 5/10 0.	20L
2+00			38	5903.	587.13	C-3 2/.	℄ (C-2.9/68L 20:1 slope)
			39	5902.	587.63	C-2 6/10 0.	20R
			38	5903.	587.63	C-2 7/10 0.	20L
2+25			30	5911.	588.65	C-2 4/.	℄
			31	5910.	589.15	C-1 8/10 0.	20R
			30	5911.	589.15	C-1 9/10 0.	20L
2+31.86			29	5912.	589.57	C-1 6/10 0.	20R
2+36.60			25	5916.	589.36	C-2 3/.	℄ B.C. (C-1.7/44-L 20:1 slope)
			27	5914.	589.86	C-1 5/10 0.	20L
T.B.M.			691	58716.			Elev-587.16 See Prec. Pg.

F.B. 1679 PG. 80
Job No. 5323-1-1 Division No.
Survey of
Survey by Holmes Notes
Indexed R. C. Johnson Date
Notes Red. Plotted
Date Date
Notes Chkd. Checked
Date Date
Profile No.
X-Sec. No.

Profile No.	Notes Red.	Plotted	Job No. 5323-J-1	Division No.	F.B. 1679 PG. 81
	Date	Date	Survey of Airport Way		
X-Sec. No.	Notes Chkd.	Checked	Survey by Holmes	Notes A.R.B.	Date
	Date	Date	Map No.	Indexed Johnson	Date 1-14-53

COBBLESTONE DRAINAGE CHANNEL

North AREA.

Elv's. & Const. Stakes (before Excavating)

1"x2" STAKES set 2.0 offset
To edge of Cobblestone Ditch.

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

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76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Flow Line Gr.	C/E	Right		Left		
					Elev 516.48 bt spk in 30 Gum (W-side)						
	101	517 49		516 48	N-2878-E 4713 FB 1234 pg-168-FB-1661-89						
			357	516 92							
	568	519 60									
T.B.M			429	515 31	Set spk in end Top on Conc Catch Basin M.H Rim N- end of 51" Conc. Pipe						
	1122	526 53									
10+10.20					513.31						
10+60.20			841	518 12	514.72	C 3.40	C-0.86 / 9.5	C.1.6 / 13.5	C-0.10 / 9.5	C 0.10 / 10.	
10+73.99 B.C.			821	518 32	15.10	C- 3.22	C.0-78 / 9.5	C-1.0 / 14.5	F.0.28 / 9.5	F.0.28 / 11.5	F.0.4 / 13.5
10+75					15.13						
11+00			788	518 65	15.83	C- 2.82	C-0.17 / 9.5	C.0.1 / 10.0	F.0.45 / 9.5	F.0.45 / 11.5	F.0.5 / 14.0
+25			716	519 37	16.53	C- 2.84	F 0.10 / 9.5	Gr.0.0 / 11.5	F-0.4 / 9.5	F.0.4 / 11.5	F.0.4 / 13.5
+50			635	520 18	17.23	C- 2.95	C.0.2 / 9.5	C.0.2 / 10.5	F.0.4 / 9.5	F.0.4 / 11.5	F.0.4 / 13.5
+75			566	520 87	17.95	C- 2.92	C.0.2 / 9.5	C.0.2 / 10.5	F.0.5 / 9.5	F.0.5 / 11.5	F.0.6 / 14.5
12+00			480	521 3	19.20	C- 2.53	F-0.1 / 8.5	Gr / 10.5	F 0.8 / 8.5	F.0.8 / 10.5	F.0.8 / 14.5
12+17.58 E.C.			380	522 15	20.08	C- 2.57	F.0.1 / 8.5	Gr. / 10.5	F.0.8 / 8.5	F.0.8 / 10.5	F.1.0 / 15.5
+25			344	523 09	20.45	C- 2.64	C-0.1 / 8.5	C.0.1 / 9.0	F 0.9 / 8.5	F.0.9 / 10.5	F.0.9 / 15.0
+50			177	524 76	21.70	C- 3.06	C-0.5 / 8.5	C-1.0 / 13.5	F.0.3 / 8.5	F.0.4 / 10.5	F.0.6 / 13.5
T.P. 1X1 12+75			038	526 15							
	1141	537 56									
12+75			1074	526 32	22.95	C- 3.87	C-1.3 / 8.5	C.1.9 / 18.0	C-0.3 / 8.5	C-0.2 / 9.5	

2.815 %

5.0 %

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. Notes A.R.B. Date
Job No.
Survey of
Survey by
Indexed L. C. Johnson

F.B. 1619 PG. 82

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Flowline GF	C/F	← Right →		← Left →	
		537 56								
13+00			942	528 14	524.20	C- 3.94	C-1.4 / 8.5	C-2.2 / 19.5	C-0.4 / 8.5	C-0.3 / 10.0
+25			751	530 05	25.45	C- 4.60	C-2.2 / 8.5	C-2.6 / 21.5	C-0.8 / 8.5	C-0.9 / 13.0
+50			662	530 94	26.70	C- 4.24	C-1.3 / 8.5	C-1.5 / 16.0	C-1.2 / 8.5	C-1.1 / 14.0
+75			512	532 44	27.95	C- 4.49	C-1.8 / 8.5	C-2.8 / 22.5	C-1.0 / 8.5	C-1.0 / 13.5
14+00			364	533 92	29.20	C- 4.72	C-2.2 / 8.5	C-2.8 / 21.5	C-1.2 / 8.5	C-0.9 / 13.0
14+19.58	B.C		270	534 86	30.18	C- 4.68	C-1.1 / 8.5	C-2.3 / 20.0	C-1.4 / 8.5	C-0.9 / 13.0
+25			221	535 35	30.45	C- 4.90	C-1.9 / 8.5	C-2.5 / 21.0	C-1.6 / 8.5	C-1.4 / 15.5
+50			067	536 89	31.70	C- 5.19	C-2.0 / 8.5	C-2.5 / 21.0	C-2.1 / 8.5	C-2.2 / 19.5
T.P. [illegible]			0.34	537 22						
	1035	547 57								
14+75			894	38 63	532.95	C- 5.68	C-2.6 / 8.5	C-2.3 / 20.0	C-2.4 / 8.5	C-2.5 / 21.0
14+87.36	E.C.		854	03	33.57	C- 5.46	C-2.2 / 8.5	C-2.2 / 19.0	C-2.3 / 8.5	C-2.5 / 21.0
15+00			806		34.20	C- 5.21	C-1.9 / 8.5	C-2.1 / 19.0	C-2.4 / 8.5	C-2.4 / 20.5
+25			751		35.13	C- 4.93	C-1.6 / 8.5	C-1.5 / 16.0	C-2.0 / 8.5	C-2.3 / 20.0
+50			642		36.05	C- 5.10	C-1.6 / 8.5	C-1.5 / 16.0	C-2.3 / 8.5	C-2.5 / 21.0
+75			565		36.98	C- 4.94	C-1.5 / 8.5	C-1.3 / 15.0	C-2.4 / 8.5	C-2.8 / 22.5
16+00			470		37.90	C- 4.97	C-1.5 / 8.5	C-1.1 / 14.0	C-2.3 / 8.5	C-2.5 / 21.0
+25			440		38.83	C- 4.34	C-0.6 / 8.5	C-0.4 / 10.5	C-1.9 / 8.5	C-2.3 / 20.0
+50			430		39.75	C- 3.52	F 0.2 / 8.5	GF / 10.5	C-1.0 / 8.5	C-1.6 / 13.5
+75			431		40.68	C- 2.58	C-0.2 / 8.5	C-0.2 / 9.5	C-0.5 / 8.5	C-0.6 / 11.5

Profile No. X.Sec. Date
Notes Red Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 53231-1 Survey of
Survey by Holmes Notes
Map No. Engineer Date
Division No.
F.B. 1678 Pg. 63

76L298 307 5-49

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Profile No. ____ X-Sec. No. ____ Plotted ____ Date ____ Checked ____ Date ____ Notes Red. ____ Date ____ Notes Chkd. ____ Date ____ Division No. ____ Job No. ____ Notes ____ Date ____ Survey of ____ Survey by C. Jobe Indexed ____ Pg. 84

STATION	B. S.	H. I.	F. S.	ELEV.	Flow Line Gr	C/F	Right		Left	
		547 57								
17+00			265		541.60	C- 3.32	C.0.7 / 8.5	C-0.5 / 10.5	F0.4 / 8.5 F0.4 / 10.5	Gr / 11.0
+25			174		42.53	C- 3.30	C.0.3 / 9.5	C-0.3 / 10.0	F0.7 / 8.5 F0.6 / 10.5	Gr / 12.5
+50			126		43.45	C- 2.86	C-0.2 / 8.5	C.0.2 / 9.5	F.1.0 / 8.5 F0.4 / 10.5	Gr / 11.0
T.P. N			078	546 79						
	1118	557 97								
17+75			1118	4[illegible]9	44.38	C- 2.41	C-0.2 / 8.5	C-0.2 / 9.5	F.0.2 / 8.5	Gr / 10.5
18+00			1049		45.30	C- 2.18	F0.4 / 8.5	Gr / 10.5	C-0.1 / 8.5	C-0.1 / 9.0
+25			852		46.35	C- 3.10	F0.4 / 8.5 F0.3 / 10.5	Gr / 12.	C-0.5 / 8.5	C.0.8 / 12.5
+50			773		47.40	C- 2.84	F0.2 / 8.5	Gr / 10.5	Gr / 8.5	
+75			737		48.45	C- 2.15	C-0.2 / 8.5	C.0.2 / 9.5	F0.5 / 8.5	Gr / 10.5
19+00			537		49.50	C- 3.10	C-0.5 / 8.5	C.0.5 / 11.0	F.0.9 / 8.5 F0.9 / 10.5	F0.5 / 13.0
19+25			467		50.55	C- 2.75	C-0.5 / 8.5	C-0.5 / 11.0	F.1.4 / 8.5 F.1.2 / 10.5	F0.6 / 13.5
19+50			387		51.60	C- 2.50	C-0.1 / 8.5	C.0.1 / 9.0	F.1.5 / 8.5 F1.5 / 10.5	F0.5 / 13.0
19+75			327		52.65	C- 2.05	F0.1 / 8.5	Gr / 9.0	F.1.2 / 8.5 F.1.2 / 10.5	F0.5 / 13.0
20+00			272		53.70	C- 1.55	F0.5 / 8.5	Gr / 12.0	F1.1 / 8.5 F0.9 / 10.5	F0.6 / 13.5
T.B.M			358	554 39	Elev 554.38 Rail Rd. spt in (NE side) of 30" Oak					
				554 38	F.B. 1679 pg-9					
	1182	566 20								
20+25			992	56 28	554.75	C-1.53	F.1.3 / 8.5	F0.7 / 10.5 Gr / 11.5	F.1.5 / 8.5 F1.52 / 10.5	F-1.1 / 16.0
20+50			814	56 06	55.80	C- 2.26	F0.1 / 8.5	Gr / 10.5	F.0.6 / 8.5 F0.64 / 10.5	F0.7 / 14.0

3.70%

4.20%

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STATION	B. S.	H. I.	F. S.	ELEV.	Flow L. GF.	C/F	Right		Left		
		56620									
20+75			655	5965	556.85	C- 2.80	F-0.8 / 8.5	F0.83 / 10.5	F-0.5 / 13.0	F-0.2 / 8.5	F0.59 / 10.5	F0.2 / 11.5
21+00			516	6104	57.90	C- 3.14	Gr. / 8.5			C-0.1 / 8.5		C-0.1 / 9.0
+25			326	6294	58.95	C- 3.99	C-0.7 / 8.5		C-0.8 / 12.5	C-1.0 / 8.5		C-0.9 / 13.0
+50			201	6419	60.00	C- 4.19	C-1.1 / 8.5		C-1.0 / 13.5	C-1.2 / 8.5		C-1.3 / 15.
+75			105	6515	61.05	C- 4.10	C-0.9 / 8.5		C-0.8 / 13.0	C-1.1 / 8.5		C-1.2 / 14.5
T.P. 1x1			120	56500	H.2.016							
	1192	57692										
22+00			1120	6572	562.10	C- 3.62	C-0.3 / 8.5		C-0.3 / 10.	C-0.7 / 8.5		C-0.5 / 11.0
+25			996	6696	63.15	C- 3.81	C-0.5 / 8.5		C-0.5 / 11.0	C-0.4 / 8.5		C-0.4 / 10.5
+50			884	6808	64.20	C- 3.88	C-0.6 / 8.5		C-0.7 / 12.0	C-0.5 / 8.5		C-0.5 / 10.5
+75			793	6899	65.25	C- 3.74	C-0.5 / 8.5		C-0.4 / 10.5	C-0.5 / 8.5		C-0.5 / 11.0
23+00			713	6979	66.30	C- 3.49	C-0.5 / 8.5		C-0.4 / 10.5	C-0.5 / 8.5		C-0.5 / 13.0
+25			623	7069	67.28	C- 3.41	C-0.3 / 8.5		C-0.3 / 10.	C-0.2 / 8.5		C-0.4 / 10.5
+50			520	7172	68.25	C- 3.47	C-0.6 / 8.5		C-0.5 / 11.0	C-0.9 / 8.5		C-1.2 / 11.5
+75			410	7282	69.23	C- 3.59	C-0.9 / 8.5		C-0.9 / 13.0	C-0.7 / 8.5		C-1.5 / 16.
24+00			255	7438	70.20	C- 4.17	C-1.4 / 8.5		C-1.9 / 18.0	C-1.2 / 8.5		C-1.6 / 16.5
24+25			074	7618	71.18	C- 5.00	C-2.1 / 8.5		C-2.9 / 23.0	C-1.8 / 8.5		C-2.2 / 19.5
T.P. 1x1			080	57612	3.90							
	1166	58778										
24+50			1026		72.15	C- 5.37	C-2.4 / 8.5		C-3.3 / 25.0	C-1.9 / 8.5		C-2.2 / 19.5

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 5323-1-1 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Alhambra Hill
Survey by Holmes Notes Date ____ Map No. ____ Date ____ Checked ____ Date ____

F.B. 1178 PG. 55

76L293 307 5-49

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Profile No. ____ X-Sec. No. ____ Plotted ____ Date ____ Checked ____ Date ____ Notes Red ____ Date ____ Notes Chkd. ____ Date ____ Division No. ____ Job No. ____ Notes ____ Date ____

Survey of ____
Survey by ____
Indexed ____

STATION	B. S.	H. I.	F. S.	ELEV.	Flowl. Gr.	C/F	Right		Left	
		587 78								
24+75			897		73.13	C- 5.68	C-2.6 / 8.5	C-2.4 / 20.5	C-2.2 / 8.5	C 2.6 / 21.5
25+00			812		74.10	C- 5.56	C-2.3 / 8.5	C-1.8 / 17.5	C 2.5 / 8.5	C. 2.6 / 21.5
+25 ✓			727		75.08	C- 5.43	C-1.7 / 8.5	C-1.5 / 16.0	C-2.7 / 8.5	C-2.9 / 23.0
✓ +50			635		76.05	C- 5.38	C-1.6 / 8.5	C-1.3 / 15.0	C-2.5 / 8.5	C 2.7 / 22.
✓ +75			564		77.03	C- 5.11	C-1.6 / 8.5	C-1.3 / 15.0	C 2.7 / 8.5	C-3.4 / 25.5
26+00 ✓			482		78.00	C- 4.96	C-1.2 / 8.5	C-0.9 / 13.0	C-2.3 / 8.5	C-3.1 / 24.0
+25			373		78.98	C 5.07	C-1.2 / 8.5	C-1.1 / 14.0	C-2.4 / 8.5	C 3.3 / 25.0
+50			241		79.95	C- 5.42	C-1.8 / 8.5	C-1.6 / 16.5	C-2.5 / 8.5	C-3.1 / 24.0
✓ +75			219		80.93	C- 4.66	C- 1.4	C-1.0 / 13.5	C-2.0 / 8.5	C-2.9 / 23.
27+00			150		81.90	C- 4.38	C- 1.0	C-.8 / 12.5	C-1.6 / 8.5	C-2.0 / 18.5
T.P. 1X1			082	586 16						
	828	595 24								
27+25			815		82.88	C- 4.21	C-0.4 / 8.5	C-0.3 / 10.0	C-1.5 / 8.5	C. 2.1 / 19.0
27+50			705		83.85	C- 4.34	C-0.5 / 8.5	C-0.5 / 10.5	C-1.4 / 8.5	C-1.6 / 16.5
27+75			595		84.83	C- 4.46	C-0.9 / 8.5	C-1.3 / 15.0	C-1.2 / 8.5	C-1.4 / 15.5
28+00			584		85.80	C- 3.60	C-0.7 / 8.5	C-1.2 / 14.5	C 0.9 / 8.5	C-1.2 / 14.5
+25			539		86.78	C- 3.07				
" "			49					2 ρ R.		
" "			39			120 L				

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STATION	B. S.	H. I.	F. S.	ELEV.	Flow L. Gr.	C/F	Right	Left
		59524						
28+43.59			406	91 18	587.50	C- 3.68		
			27	92 5			20-R	
			37				20L	
B.M.			081	59443	Elev 594.45 Bt. spk in Lead W end of Conc H.W. S. of Colorado Blvd. N 4942 E 482 F.B 1679-pg 12			
	Elv. For C.B & Cobblestone Wall See pg. 88							
B.M.	258	59703		59445	Elev. 594.45 see above			
28+43.59			585	91 18	587.50	3.68	Co.2/10.5 F.1.31/12.5 Gr/13.5	Gr/10.5
S.W. Cor.			429	92 74	93.50	F 0.76	Tp of of Wall (S. side of Conc Box)	
N.W. Cor			214	94 89	Tp of existing H.W.			
N.E. cor			36	93 4	92.50	C- 0.9	Tp of N. Wall of Conc Box	
" "			304	93 99	92.50	C- 1.49	" " " " 3° N. offset	
" "			372	93 3.1	92.50	C- 0.81	" " " " 3° E " "	
S.E cor			435	92 68	93.50	F- 0.82	" " S. Wall of Conc Box	
			441	92 62	93.50	F 0.88	3° offset So.	
3° Lt.- offset stakes (1x2) to No. edge of Rock Wall								
0+00			402	93 01	593.50	F 0.49	Tp of Rock Wall	
+25			356	93 47	593.50	F 0.03	" " " "	
+50			346	93 57	593.50	C- 0.07	" " " "	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-1-1 Division No. ____ F.B. 1679 Pg. 87
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by Holmes Notes ARB Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1677 PG. 88

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

Survey of ____ Date ____ Date ____ X-Sec. No. ____

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____

Indexed [redacted] Date ____ Date ____ Date ____

76L298 307 5-49

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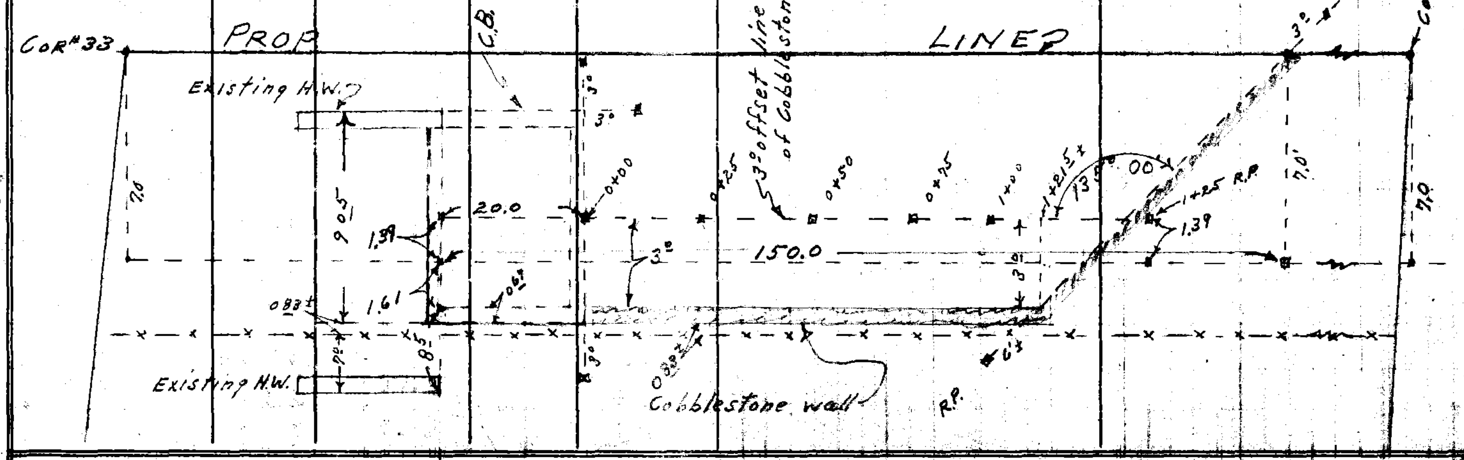
STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
		59703					
0+75			337	93.66	593.50	C 0.16	Top of Rock Wall
1+00			369	93.34	93.50	F 0.16	" " " "
1+21.5±			352	93.51	93.50	C 0.01	Angle Pt. " " "
1+25 Ref			338	93.65	93.50	C 0.15	
			316	93.87	93.50	C 0.37	3° N.E. end of N.W. face of Rock W.
			258	594.45	Elev 594.45 See begin.		

STAKING of C.B. + COBBLESTONE WALL Per. PLANS (sheet D-5)

COLORADO BLVD.



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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F		2:1 Slope
		Service Unit Site for Fill Stakes						
N 4000 E 5800	720	562.94		555.74				
0+-20			41	58.8	58.70	C.0.1	45L	
			42	58.7	58.70	Gr.	15R	
0+-50			53	57.6	58.70	F1.1	45L.	F 1.3 / 47.6-L.
			55	56.4	58.70	F1.1	15R.	31°-R Toe of Slope
0+-80			65	56.4	58.70	-	15R.	29° R. " " "
" "			62	56.7	58.70	F-2.0	45-L	F-2.0 / 49-L
-1+15			77	55.2	58.70	F.3.5	15+R	
"			77	55.2	58.70			24R Toe Slope
"			73	55.6	58.70	F-3.1	45-L	
" "			74	55.5	58.70			F 3.2 / 51.4-L.
East Service Rd. before Excavation								
	753	571.66		564.13	Elev 564.13	F.B 1679		N [illegible] E [illegible]
0+00 North			127	59.0	557.9	C-1.1		
0+25			131	58.6	59.1	F 0.5		F 1.0 / 32 R
+50			124	59.3	60.3	F 1.0		F 1.0 / 32-2

F.B. 1679 Pg. 89

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5322 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey at Arboretum
Notes Chkd. ____ Checked ____ Survey by D.E. Holmes Notes A.F.B. Date ____
Date ____ Date ____ Map No. ____ Indexed Tolerance Date ____

76L298 307 5-49

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. Job No. Notes Date
Survey of
Survey by
Indexed A. C. Johnson
F.B. 1678 Pg. 90

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F.	
		571 66					
0+75			117	600	561.4	F 1.4	F.06 / 32.R. F1.8 / 15.L F. 1.6 / 20.4L
1+00			108	609	62.6	F1.7	F0.41 / 32 R F.19 / 15L F.2.0 / 21.L
1+28.46			97	620	63.9	F1.9	F1.0 / 32.R
1+50.			81	636	65.2	F1.6	F1.4 / 15.9R. F1.4 / 15.1 R F.1.5 / 15L F1.5 / 20.2L
1+70			61	656	64.9	C-0.7	
1+90			56	657	65.5	C 0.4	C-0.5 / 10.R. C-0.1 / 10.L. C.0.1 / 12.L
2+11.14			48	667	66.3	C. 0.6	F0.2 / 27 R.
2+25			49	668	66.9	F 0.1	F0.6 / 27 R. F.0.3 / 10.L F.0.2 / 13.3L
2+50			39	678	67.9	F 0.1	F 0.4 / 27.R. F0.2 / 10.L F0.2 / 13.3 L
2+75			25	692	68.8	C.0.4	F 0.5 / 27.R. G.F. / 10.L
3+00			16	701	69.8	C.0.3	F 0.3 / 27.R. G.F. / 10.L
T.P. 111			122	570 44			
	847	578 91					
3+32			76.	5713	570.9	C-0.4	F 0.2 / 27.R F0.1 / 10.L F0.1 / 13.2
T.B.M.			863	570 28	Elev 570.30		N-4400 E 5800

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

Arboretum
J.N. 5323-J-1 5-12-52

"North Acres Road" Elev. before Excavation

Note
℄. Elev copied from F.B 1679-pg-15

Profile No. ___ Notes Red. ___ Plotted ___ Job No. ___ Division No. ___
X-Sec. No. ___ Date ___ Date ___ Survey of ___
Notes Chkd. ___ Checked ___ Survey by ___ Notes ___ Date ___
Date ___ Date ___ Map No. ___ Indexed ___ Date 1-14-53

F.B. 1679 Pg. 91

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2 0.1 cut

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F		
					Elev. 517.52			
3+25				51[illegible]7	516.07	C 0.6	C-0.2 / 15-L	C-0.3 / 21.0 L.
+50				17 6	17.05	C 0.5	C-0.2 / 15.L	Gr / 19.L
+75				18 4	17.99	C 0.4	F 0.1 / 15.L	F 0.1 / 16.L
4+00				19 6	19.53	C 0.1	F 0.5 / 15.L	F 0.7 / 22-L
+25				2[illegible]7	20.7	Gr		
+50				21 6	21.8	F 0.2	F-1.2 / 15.L	F 1.5 / 30.L
+75				22 2	22.9	F 0.7		
5+00				2[illegible]	23.8	F 0.5	F 1.5 / 15.L	F-1.6 / 21.L
+25				24 2	24.8	F 0.6		
+50				25 3	25.6	F 0.3	F 0.2 / 15.L	F 0.5 / 20.L
+75				26 4	26.3	C 0.1	F 0.7 / 15.L	F 0.6 / 21.L
6+00				2[illegible]1	26.9	F- 3.8		
+25				2[illegible]	27.4	C- 0.3		
+50				2[illegible]	27.9	C- 0.3	C 0.3 / 15.0	C-0.4 / 23.L
6+54.05	E.C			2[illegible]7	28.0			
6+75				29 4	28.6	C. 0.8	C 0.6 / 15.R	C 1.6 / 47.R. F 0.3 / 15.L F 0.4 / 19.L.
6+89.05	B.C			28 93	28.9	Gr		
7+00				30 6	29.2	C- 1.1	C-1.1 / 15.R	C-1.6 / 47.R. C-0.2 / 15.L C-0.3 / 21.L.
+25				31 4	30.0	C- 1.4		

Profile No. X-Sec. No.
Plotted Date
Checked Date
Notes Red. Date
Notes Chkd. Date
Division No.
Job No.
Survey of
Survey by
Notes
Indexed C. Johnson Date
F.B. 1679 PG. 92

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F				
7+50				5322	530.8	C 1.4	C-1.0 / 15.R	C-1.1 / 37.R	C-0.5 / 15.L	C-0.2 / 19.L
+75				327	31.6	C 1.1				
8+00				331	32.4	C- 0.7	C-0.6 / 15.R	C-0.6 / 27.R	Gr / 15.L	
+25				344	33.3	C 1.1				
+50				355	34.2	C 1.3	C-0.8 / 15.R	C-0.5 / 25.R	C-0.7 / 15.L	C-0.6 / 27.L
+75				371	35.1	C 2.0				
9+00				378	36.0	C- 1.8	C-1.3 / 15.R	C-0.9 / 33.R	C-1.0 / 15.L	C-1.2 / 39.L
+25				386	36.9	C- 1.7				
+50				393	37.8	C- 1.5	C-1.5 / 15.R	C-1.2 / 39.R	C-1.0 / 15.L	C-1.3 / 41.L
+75				403	38.7	C- 1.6				
10+00				407	39.6	C- 1.1	C-0.2 / 15.R	C-0.2 / 19.R	C-1.0 / 15.L	C-2.4 / 63
+25				411	40.4	C- 0.7				
+50				419	41.10	C 0.8	C-0.3 / 15.R	C-0.5 / 25.R	C-0.6 / 15.L	C-0.6 / 27.L
+75				423	41.9	C- 0.4				
11+00				430	42.6	C- 0.4	C-0.3 / 15.R	C-0.3 / 21.R	C-0.4 / 15.L	C-0.7 / 29.L
+25				442	43.5	C 0.7				
11+44.58	P.O.C			452						
11+50				453	44.4	C 0.9	C-0.6 / 15.R	Gr / 20R	C-0.6 / 15.L	C-0.6 / 27.L
+75				460	45.2	C- 0.8				
12+00				465	46.1	C- 0.4	F0.9 / 15.R	F1.5 / 30R	C-0.2 / 15.L	C-0.9 / [illegible]

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323 Division No. J-1

X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum

Notes Chkd. ____ Checked ____ Survey by D.E. Holmes Notes [illegible] Date ____

Date ____ Date ____ Map No. ____ Mad [illegible] Date ____

F.B. 1679 Pg. 93

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
12+16.89	P.R.C			546.3	546.7		
12+25				47.0	47.0	Gr	
+50				47.8	47.9	F 0.1	F 3.6 / 15.R; F 3.0 / 45R; F-2 / 15.L; Gr. / 18.L
+75				49.0	48.7	C 0.3	
13+00				50.2	49.6	C 0.6	F 1.0 / 15.R; F 1.0 / 25R; C 0.7 / 15.L; C-0.7 / 29.L
+25				51.0	50.5	C 0.5	
+50				51.9	51.3	C 0.6	F 0.2 / 15.R; F 0.2 / 17.R; C 0.2 / 15.L; C-0.8 / 31.L
+75				52.3	52.2	C 0.1	
14+00				53.6	53.0	C 0.6	F 0.2 / 15.R; F 0.3 / 18.R; F 0.1 / 15.L; Gr. / 17.L
+25				54.9	54.0	C 0.9	
+50				55.9	55.0	C 0.9	Gr / 15-R; C-0.6 / 15.L; C-0.8 / 31.L
+75				56.7	56.0	C 0.7	
15+00				57.3	57.0	C 0.3	Gr. / 15.R; C 0.3 / 15.L; C 0.3 / 21.L
+25				58.7	58.0	C 0.7	
+50				61.3	58.9	C 2.4	C-1.7 / 15.R; C-1.7 / 49.R; C-0.7 / 15L; C-0.5 / 25-L
+75				61.1	59.9	C 1.2	
16+00				62.4	60.8	C 1.6	C-0.5 / 15.R; C-0.7 / 29.R; C 0.8 / 15.L; C 0.7 / 29.L
+25				62.8	61.8	C 1.0	
+50				63.9	62.7	C 1.2	C-0.2 / 15.R; C 0.2 / 19.R; C 0.2 / 15.L; C 0.2 / 19.L
+75				64.2	63.7	C 0.5	

Profile No. X-Sec. No.
Plotted Date
Notes Red. Date
Division No.
Job No.
Survey of
Survey by
Indexed
Notes Checked Date
Notes Chkd. Date
Date

F.B. 1679 BG. 9-4

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		C/F		
17+00				5648	5646	C 0.2		Gr 15.R Gr. 15.L
+25				659	65.7	C 0.2		
+50				666	66.7	F 0.1		F 0.6 15.R. F 0.5 20R. Gr. 15.L
+75				683	67.8	C 0.5		
18+00				694	68.8	C 0.6		F 0.4 15R F 0.2 17.R F 0.3 15.L F 0.2 17.L
+25				704	69.8	C 0.6		
+50				714	70.7	C 0.7		Gr 15.R. F 0.4 15.L Gr. 18.L
+75				720	71.7	C 0.3		
19+00				725 ~~730~~	72.6 ~~72.6~~	F 0.1		F 0.2 15.R F 1.0 25.R. F 0.3 15.L Gr 18.L
+25				741	73.4	C 0.7		
+50				750 ~~746~~	74.2 ~~74.2~~	C .8		Gr. 15R. Gr 15.L
+75				758 763	75.0	C -0.8		
20+00				764	75.8	C 0.6		F 0.3 15.R F 0.9 24.R C 0.4 15.L C 0.6 25L
+25				771	76.7	C 0.4		
+50				777	77.5	C 0.2		F 0.5 15.R F 1.0 25R. C -0.2 15.L C 1.2 39.L
+75				788	78.4	C 0.4		
21+00				796	79.2	C 0.4		F 0.3 15.R F 0.4 19.R C 0.4 15.L C 0.4 23.L
+25				810	80.0	C 1.0		
+50				819	80.8	C 1.1		Gr. 15.R C -0.8 15.L C 1.[illegible]
+75				834	81.5	C 1.9		

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 5323-1-1 Division No. ___
X-Sec. No. ___ Date ___ Date ___ Survey of Arboretum
Notes Chkd. ___ Checked ___ Survey by D.E. Holmes Notes [illegible] Date ___
No. ___ Date ___ Date ___ Map No. ___ Indexed [illegible] Date ___

F.B. 1679 Pg. 95

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C.20:1
F 10-

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F		
22+00				58[illegible]	582.3	C 1.7	C-0.4 / 15.R	Gr / 26.R. C-1.5 / 15.L
+25				84[illegible]	83.0	C 1.2		
+50				8[illegible]	83.6	C- 1.2	Gr. / 15.R	1.2 / 15.L
+75				851	84.2	C 0.9		
23+00				856	84.7	C- 0.9	Gr / 15.R.	C-0.4 / 15.L C-.5 / 25.L
+25				8[illegible]1	85.2	C- 0.9		
+50				868	85.6	C 1.2	C.0.4 / 15.R	Gr / 24.R C.0.8 / 15.L C.15 / 45.L.
+75				869 ~~8[illegible]~~	85.9 ~~85.9~~	C-1.0 ~~1.3~~		
24+00				871	86.1	C- 1.0	C.0.2 / 15.R	C 0.2 / 19.R. C-0.7 / 15.L
+25				868	86.2	C- 0.6		
+50				864	86.3	C- 0.1	F 0.6 / 15.R	F 0.6 / 21.R. F-0.6 / 15.L F 0.4 / 19.L.
+75				869	86.3	C- 0.6		
25+00				870	86.2	C- 0.8	Gr / 15.R.	C-0.5 / 15.L. C 0.6 / 27.L
+25				868	86.0	C 0.8		
+50				863	85.8	C 0.5	Gr / 15.R	Gr / 15.L
+75				860	85.5	C- 0.5		
26+00				857	85.1	C- 0.6	Gr / 15.R	C-0.2 / 15.L C-0.2 / 19.L
+25				853	84.6	C- 0.7		
+50				848	84.0	C- 0.8	Gr. / 15.R.	C 0.6 / 15.L C-0.8 / 31.L
+75				841	83.4	C 0.7		

Profile No. X-Sec. No.
Plotted Date
Notes Red. Date
Division No.
Job No.
Survey of
Survey by
Indexed C. Johnson
Notes Date
Checked Date
Notes Chkd. Date

F.B. 1679 Eg. 96

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STATION	B. S.	H. I.	F. S.	ELEV.				
					Grade	C/F		
27+00				5835	582.8	C- 0.7		Gr. 15.R C-0.2 15.L C.0.1 17.L
+25				828	82.1	C 0.7		
+50				824	81.4	C 1.0		C.0.4 15.R. Gr 22.R. C.0.4 15.L C-0.6 27.L
+75				817	80.7	C- 1.0		
28+00				810	80.0	C- 1.0		C-0.2 15.R. C.0.2 19.R C.0.4 15.L C.0.6 27.L
+25				804	79.2	C 1.2		
+50				793	78.3	C- 1.0		C-0.7 15.R. C.0.6 27.R. C.0.2 15.L C-0.3 21.L
+75				788	77.5	C 1.3		
29+00				779	76.6	C 1.3		C-1.0 15.R C-0.9 33.R. C-0.2 15.L C.0.2 19.L
+25				767	75.8	C- 0.9		
+50				756	74.9	C 0.7		C-0.8 15.R C-0.6 27.R. F0.5 15.L F0.7 22.L
+75				748	74.1	C 0.7		
30+00				739	73.2	C 0.7		C-0.7 15.R C-0.9 33.R. F0.5 15.L F0.6 21.L
+25				732	72.4	C- 0.8		
+50				723	71.5	C- 0.8		C-0.7 15.R C-0.7 29.R F0.3 15.L F-0.2 17.L
+75				715	70.7	C 0.8		
31+00				707	69.8	C 0.9		C-0.9 15.R. C-1.0 35.R. F0.5 15.L F0.5 20.L
+25				700	69.1	C 0.9		
+50				690	68.3	C 0.7		C-0.6 15.R C-0.8 31.R. F-1.0 15.L F1.3 28.L
+75				682	67.6	C 0.6		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5223 J-1 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by D.E. Holmes Notes ARB Date ____
Date ____ Date ____ Map No. ____ Indexed G. Johnson Date ____

F.B. 1679 Pg. 97

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	O/F		
32+00				56[illegible]	566.8	C 0.6		C-0.6 15.R. C-1.6 47.R. F0.8 15.L. F1.4 29.L
+25				66.2	66.2	C 0.6		
+50				66.5	65.6	C 0.9		C-0.5 15.R. 0.7 29.R. Gr. 15.L.
+75				66.0	65.0	C 1.0		
33+00				66.3	64.2	C 1.1		C-0.8 15.R. C-1.2 39R. C-0.3 15.L C 0.2 19.L
+25				64.4	63.4	C 1.0		
+50				62.5	62.6	C 0.9		C-0.2 15R C 0.3 21.R C-0.4 15.L C 0.5 25.L
+75				62.7	61.6	C 1.1		
34+00				61.5	60.7	C 0.8		C-0.5 15.R. Gr 23.R Gr. 15.L.
+25				61.0	59.7	C 1.3		
+50				59.8	58.7	C 1.1		Gr. 15.R C-1.2 15.L. C-0.5 25.L
+75				58.8	57.7	C 1.1		
35+00				58.6	56.7	C 1.9		C 1.5 15.R. C-1.4 43.R. C.1.3 15.L C-0.6 27.L.
+25				56.5	55.7	C 2.8		C-2.0 15.R 1.7 49.R. C-2.0 15.L. C.1.2 39L
+50				57.0	54.7	C 2.3		C-2.3 15.R C-1.2 15.L. C 0.9 33.L
+75				54.4	53.7	C 0.7		
36+00				53.3	52.7	C 1.1		C-0.5 15.R C.0.6 27.L C.0.9 15.L C-1.0 35.L.
+25				52.7	51.7	C 1.0		
+50				51.3	50.7	C 0.6		F 0.7 15.R F.0.4 19.R. C.0.5 15.L C.0.5 25.L
+75				50.[illegible]	49.7	C 0.5		

Profile No. X-Sec. No.
Plotted Date
Notes Red. Date
Division No.
Job No.
Survey of
Survey by
Indexed A. C. Johnson
Notes Date
Checked Date
Notes Chkd. Date
F.B. 1679 Pg. 98

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F		
37+00				549.3	548.7	C-0.6		Gr. 15.R C-0.8 15.L C-1.1 37.L
+25				48.5	47.7	C-0.8		
+50				47.5	46.7	C-0.8		Gr 15R. C-0.3 15.L C-0.9 33.L
+75				46.8	45.7	C 1.1		
38+00				45.9	44.7	C 1.2		C.0.7 15.R, C.0.5 25.R. C.0.4 15.L. C-0.5 25.L
+25				44.7	43.6	C-1.1		
+50				43.7	42.4	C-1.3		C-1.2 15.R C 1.2 39.R C.0.5 15.L C-0.3 21.L
+75				42.6	41.3	C-1.3		
39+00				41.5	40.1	C 1.4		C-1.4 15.R Gr 15.L
+25				41.1	39.0	C 2.1		
+50				40.7	37.8	C-2.9		C 2.9 15R C-1.4 15.L C-0.8 31.L
+75				39.9	36.7	C-3.2		
40+00				39.1	35.5	C-3.6		C-3.2 15.R C.2.8 71.R C.2.4 15.L C.1.8 31.L
+25				38.2	34.3	C 3.9		
+50				37.4	33.1	C 4.3		C 3.9 15.R C-3.2 79.R. C.3.4 15.L C 2.7 69.L
+75				36.3	31.9	C 4.4		
41+00				35.3	30.7	C 4.6		C-4.2 15.R C.3.7 89R. See pg. ?
+25				34.3	29.7	C 4.6		C 3.3 15.R
41+36.44				33.7	29.3	C-4.4		C-4.0 15.R C.4.0 95.R C 3.0 15.L
+58.10				32.5	28.7	C 3.8		C 2.6 15.L

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 5323-L1 Division No. ____ F.B. 1679 Bg. 99

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Arboretum

Survey by D.E. Holmes Notes A.R.B. Date ____

Map No. ____ Date ____ Indexed Johnson Date ____

76L298 307 5-49

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. Job No. Notes Date
F.B. 1628 PG. 100
Survey of
Survey by C. Johnson
Indexed

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F		
41+75				531.9	528.4	C- 3.5		C-3.5/15.R
42+00				3[illegible]7	528.0	C- 2.7		C.2.8/15.R C.3.6/87
+25				294	27.7	C. 1.7		
+50				281	27.3	C 0.8		C-1.0/15.R. C.1.5/45.R
+75				272	27.1	C 0.1		
43+00				269	27.0	F 0.1		C-0.2/15.R C.0.4/23R
+25				275	27.0	C 0.5		
+50				278	27.2	C- 0.6		C-1.0/15.R. C.2.7/69.R
+75				280	27.5	C 0.5		

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

Arboretum
J. N 5383 J-1 5-15-52

Entrance Circle Road

Elev. before excavation
note:-
℄ Gr. Elev. copied from F.B 1679 pg-32

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. ____ Survey of ____ Division No. ____

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Notes ____ Date ____ Date ____

F.B. 1679 Pg. 101

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STATION	B. S.	H. I.	F. S.	ELEV.	℄ Grade	C/F.		
								— 20' Rd. —
P.RC 1+75.97				520.4	521.3	F.0.9	F 0.8 / 10.L.	F 0.5 / 15.L
2+00				21.6	21.9	F.0.3	F 0.2 / 15L (Top of Cb)	F 0.2 / 12L
+25				22.7	22.6	C-0.1	C-0.4 / 15.L. (Top of Cb)	C-C-0.8 / 26.L
+50				24.7	23.6	C-1.1	C-1.2 / 10.L. (Top of Cb)	C.0.9 / 28.L
+75				26.9	24.6	C.2.3	C.2.2 / 10L. (Top of Cb)	C-1.0 / 30.L
P.R.C. 2+91.11				27.8	25.3	C-2.5		
3+00				2[illegible]	25.6	C-2.9	C.2.5 / 10.L. (Top of Cb)	
+25				30.8	26.6	C-4.2	C 3.5 / 10.L " "	C-1.8 / 46.L.
+50				31.3 ~~31.5~~	27.3	C-4.0	C-3.6 / 10L. " "	C-1.7 / 44.L.
+75				31.7	27.7	C-4.0	C-3.1 / 10.L " "	C-1.2 / 34.L.
4+00				31.[illegible]	27.9	C-3.1	C-2.4 / 10.L. " "	C-1.1 / 32.L.
+25				27.7	27.8	C-2.1	C-1.4 / 10.L. " "	C.0.7 / 24.L.
+50				28.7	27.4	C-1.3	C.0.7 / 10.L " "	C 0.3 / 16.L
+75				2[illegible].0	26.8	C-0.2	F.0.4 / 10.L " "	
5+00				25.6	25.9	F-0.3	F.0.7 / 10.L " "	F 0.6 / 16.L
+25				24.4	24.9	F.0.5	F.0.8 / 10.L. " "	F-0.8 / 18.L
+50				23.5	23.9	F0.4	F 0.5 / 10.L " "	F-0.15 / 15.L
+75				22.3	22.9	F0.6	F 0.6 / 10.L "	F-0.5 / 15.L
6+00				21.[illegible]	22.0	F0.2	F 0.1 / 10L "	Gr / 15L.
+25				21.4	21.4	Gr.	F 0.2 / 10.L. " "	F 0.2 / 12.L

Profile No. ____ Plotted ____ Date ____ Notes Red. ____ Date ____ Division No. ____ Job No. ____ Survey of ____ Survey by ____ Notes ____ Date ____ Indexed ____ X-Sec. No. ____ Checked ____ Date ____ Notes Chkd. ____ Date ____

F.B. 1699 BG. 102

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	℄ Grade	C/F		
6+50				5205	521.0	F0.5	F0.5 / 10.L	F0.4 / 14.L
6+75				200	20.9	F0.9	F0.6 / 10.L	F0.4 / 14.L
7+00				201	21.1	F1.0	F0.7 / 10.L	F0.3 / 13.L

Main Entrance Road South
Elev's before Excavation

1 14 529 41 528 27 Bt. sp kin root of 50" Gum Elev 528.27 pg #13

STATION	B. S.	H. I.	F. S.	ELEV.	℄ Grade	C/F		
0+00			141	5153	515.3	Gr.		
+25			126	5168	16.1	C-0.7		
+50			117	177	17.0	C0.7	C-0.3 / 15.R	C0.2 / 16.R
+75			112	182	18.0	C-0.2	F0.4 / 15.R	F-0.5 / 20 Right
0+89.25			107	187	18.6	C-0.1		
1+00			106	188	19.0	F-0.2	F.0.8 / 15.R	F-1.4 / 29.R
1+10.94					19.5			
1+25			102	192	19.9	F0.7	F1.6 / 15.R	F.2.4 / 39.R
1+50			97	197	20.7	F1.0		
1+75			89	205	21.3	F.0.8		
1+75.97			90	204	21.3	F0.9	F.1.8 / 15R	F3.4 / 49.R
2+00			83	211	21.9	F.0.8	F2.1 / 15.R	F.4.0 / 54.R
2+19.64	E.C.		82	212	22.3	F1.1		

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 5323-J-1 Division No. ____ F.B. 1679 Pg. 103
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Arboretum Survey by D.E. Holmes Notes A.R.B. Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
		529 41					
2+25							
2+35.12			86	2[illegible] 8	522.6	F-1.8	F-3.1 / 15.R F 5.0 / 65.R
B.M			114	52[illegible] 27	Elev 528.27	see page	
							Note:- "Pad partially filled by Contractor."
	1 42	529 69		52[illegible] 27	Elev 528-27	pg-13	Bt. set in root of 50" Gum
2+50			76	23 1	22.8	F-0.7	15.R / F 0.7 10.L(T.C.) / F-1.1
2+75			73	23 4	23.1	F-0.7	15.R / F 1.5 10.L(T.C.) / F.2.0
3+00			76	23 1	23.4	F-1.3	15.R / F 1.6 61.R / F.H.6 10.L(T.C.) / F 1.8 26-L / F.II 1.1
3+25			75	23 2	23.5	F 1.3	15.R / F 1.7 10.L.(T.C.) / F-1.5 23.L / F.0.8
+50			70	23 1	23.7	F-1.0	15.R / F-1.6 10-Left (T.C.) / F.II.0.8
+75			65	23 2	23.7	F. 0.5	15.R / F.II.1.3 35.R / F-20 10-L(T.C.) / F.0.4
			142	52[illegible] 27	Elev 528.27	see above	

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Job No. ____ Notes ____ Date ____
Survey of ____
Survey by ____
Indexed R. C. Johnson

F.B. 1179 PG. 1/6 1/04

76L298 307 5-49

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Profile No. ____ Notes Red. ____ Planned ____ Job No. 5323 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by R.E. Halsey Notes ____ Map No. ____ Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F			
					Main Entrance Road North Elev's before Excavation				
	264	539.22		536.58	Top of I.P. = 40+47.21		Pg # 29		
0+00			18	374	533.2	C. 4.2			Gr
0+25			28	364	32.0	C-4.4			
0+50			38	354	30.8	C-4.6	C 4.9 / 15.L	C 5.0 / 40.L	
0+75			50	342	29.6	C-4.6			
1+00			62	330	28.4	C. 4.6	C 5.2 / 15.L	C 5.1 / 40.5 Left	
+25			68	324	27.4	C. 5.0			
+50			97	295	26.3	C-3.2	C 3.5 / 15.L	C 4.0 / 35.L	
1+75.97			115	277	25.3	C-2.4	C 2.8 / 15.L	C 3.2 / 31.L	
2+00			134	258	24.4	C. 1.4	C 2.5 / 15.L	C - 3.9 / 34.5 L	
2+19.64			137	255	23.9	C. 1.6	C 2.4 / 15.L		
2+35.12			140	252	23.6	C-1.6	C - 2.5 / 15.L	C - 3.8 / 34.L	
	1.42	529.69		528.27	Elev. 528.27	pg. # 13. Elev.	Start in root of 50" Gum		
2+50			44	253	23.6	C-1.7	10. R (T.C.) C 2.0	15 L C 2.5	
+75			48	249	23.6	C. 1.3	10 - R (T.C) C 0.0	15.2 L C 2.2	30 L C-3.2
3+00			39	258	23.7	C 2.1	10. R (T.C) C 1.3	15.L C 2.0	35 L C 0.0

F.B. 1622 Pg. 105

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	℄ Grade	C/E	T.C. = Top of Curb
		529 69					
3+25			31	2[illegible]6	23.8	C-2.8	10. R.(T.C.) C-1.8 / 15-Left C-3.5
+50			35	2[illegible]2	23.8	C-2-4	10. R.(T.C.) C-1.3 / 15-L C-2-7 / 37.5-L C-4.5
+75			37	260	23.8	C-2.2	10 R.(T.C.) C-1.4 / 15.L C-3.3 / 37.L C-4.4
			1 Hz	52[illegible]27	Elev 528.27 see begin		

(Note: Slope on left side runs out 120±)

F.B. 1679 PG. 106

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

Survey of ____ Notes ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ No. ____ X-Sec.

Survey by ____ Date ____

Indexed [illegible] C. Johnson

76L298 307 5-49

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Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-J-1 Division No. ____ F.B. 1678 Pg. 107

X-Sec. No. ____ Date ____ Date ____ Date ____ Survey of Arboretum

Notes Chkd. ____ Checked ____ Survey by D.E.A. Notes B.R.B. Date ____

Date ____ Date ____ Map No. ____ Inspected J. C. Johnson Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
		Arboretum Staff Entrance (S. Curve)					
		Elev's before Excavation					
	681	548 00		541 19	Elev 541.19 Pg-28 - P.O.C. Tp of 1" I.P.		N 3629.74 E 5388.86
0+00			80	5400	536.5	C-3.5	C 2.2/15.R - C. 1.5/45.R
0+25			75	405	37.7	C. 2 8	
0+50			77	403	38.9	C 1. 4	C-0.3/15.R; C-0.3/21.R
0+75			73	407	40.1	C-0.6	
1+00			62	41 6	41.0	C-0.8	Gr./15.R.
1+25			57	423	41.5	C-0.8	
1+50			48	43 2	41.8	C. 1. 4	C-0.7/15.R C. 0.5/25.R
1+57.45 E.C			49	43 1	41.8	C 1 .3	
		548 00			Begin. of (N. Curve		
0+00			24	545 6	544.6	C-1.0	C-0.2/15.L C-0.3/21.L
+25			35	445	43.6	C 0.9	
+50			43	437	42.8	C. 0.9	C-0.4/15.L C-0.4/23.L
+75			52	428	42.3	C. 0.5	
1+00			58	422	42.1	C. 0.1	F 0.1/15.L C. 0.7/29.L
+25			50	430	41.9	C. 1.1	C. 0.5/15.L
1+45.01			49	431	41.8	C. 1 .3	C-0.7/15.L C-1.0/35.L
			681	541 19	Elev 541.19 see above		

76L298 307 5-49

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Profile No. ___ X-Sec. No. ___
Plotted ___ Date ___ Checked ___ Date ___
Notes Red. ___ Date ___ Notes Chkd. ___ Date ___
Division No. ___ Notes ___ Date ___
Job No. ___ Survey of ___ Survey by ___ Indexed [illegible]

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
"Cont" Staff Entrance Road East							
Elev's before Excavation							
	7 21	548 40		541 19	Elev. 541.19 (5° Right)	Pg. 28	P.O.C. Tp of 1" I.P. N. 3629.74 E 5388.86
1+45.01 = 1+57.45			53	543 1	541.8	C-1.3	
1+75			59	42 5	41.9	C-0.6	
2+00			60	42 4	42.1	C-0.3	F 0.4 / 20.R. F 0.4 / 24.R C 0.2 / 10.L C -0.5 / 20.L
+25			55	42 9	42.3	C-0.6	F 0.4 / 20.R F 0.4 / 24.R. C 0.5 / 10.L C -0.8 / 26.L
+50			47	43 7	42.5	C-1.2	
2+75			48	43 6	42.6	C-1.0	C -0.4 / 20.R C -0.2 / 24.R. C -1.2 / 10.L C 3.0 / 70-L
3+00			46	43 8	42.5	C-1.3	C -0.4 / 20.R C -0.3 / 26.R. C 1.7 / 10.L. C -4.6 / 102.L
+25			45	43 9	42.2	C-1.7	
3+31.44			48	43 6	42.1	C-1.5	
3+51.44			64	42 0	41.8	C-0.2	F 1.6 / 20.R F 2.5 / 45.R
3+71.44			72	41 2	41.4	F 0.2	F 1.7 / 20.R F 2.4 / 44.R
3+75			74	41 0			
4+00			77	40 7	40.8	F 0.1	F 1.8 / 20.R F 2.2 / 42.R. F 0.5 / 10.L F 0.4 / 14.L
+25			74	41 0	40.3	C-0.7	
+50			71	41 3	39.8	C-1.5	Gr / 20.R. C -1.3 / 10.L C -5.7 / 124.L
+75			79	40 5	39.3	C-1.2	
5+00			86	39 8	38.8	C 1.0	F 1.1 / 20.R. F 2.0 / 40.R. C -1.0 / 10.L
+25			87	39 7	38.3	C 1.4	F 0.3 / 20.R F 0.8 / 28.L C -1.6 / 10.L.
			7 21	541 19	See above Elv.		

Note:- Natural Slope more than 5%

F.B. 1619 Pg. 108

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile No. ____ Notes Red. ____ Planed ____ Job No. 5323-J-1 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum Notes A.R.K. Date ____
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Holmes Map No. ____ Date ____

F.B. 16-79 P. 1-29

STATION	B. S.	H. I.	F. S.	ELEV.	Grade			
					Arboretum - West Service Road - Elev's before Excavation			
	721	548 40		541 19	Elev. 541.19 Pg-28 P.O.C. Tpot 1"1.P N-3 628.74 E 538 R.F.6			
0+00			64	420	541.8	C.0.2		
+05			61	423	42.0	C.0.3		
+20			44	440	42.6	C 1.4	Gr 10.R	F 0.3 13.5R. C-1.5 10-L C-1.6 42 L-
+50			23	461	43.7	C.2.4	C-1.8 10.R	C-1.5 40R C-1.9 10-L 1.6 42-L
+75			15	469	44.7	C-2.2		
T.P. 1X1			146	546 94				
	496	551 90						
1+00			50	469	45.7	C 1.2	C-1.1 10.R.	C-1.0 30.R. C-1.0 10.L C-0.9 28.L
+25			42	477	46.7	C-1.0		
+50			36	483	47.7	C.0.6		C0.2 10R Gr 15R. Gr 10.L.
+75			27	492	48.7	C-0.5		
2+00			19	500	49.6	C-0.4		C-0.1 10.R C-0.1 12.R Gr 10.L
T.P 1X1			188	550 02				
	1020	560 22						
2+50			83	519	51.4	C-0.5		C-F0.4 10R F 0.2 13.3 R F 0.2 F 0.4 13.6
3+00			64	538	52.5	C-1.3		C-0.5 10.R C.0.8 26.R C 0.3 10.L C 0.5 10.L

Cont. on pg 111

76L298 307 5-49

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Profile No. ___ X-Sec. No. ___ Plotted ___ Date ___ Checked ___ Date ___ Notes Red ___ Date ___ Notes Chkd. ___ Date ___ Division No. ___ Job No. ___ Survey of ___ Survey by ___ Indexed K. C. Johnson Notes ___ Date ___

F.B. No. 1679 110

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F		
Arboretum Service Entrance Road								
Elev's before Excavation #								
					564.13 Elev. pg-10		Tp of 1" I.P. N-4200	
0+00	765	571.78		564.13				E.-5600
0+23.50			42	56[illegible]	568.1	F0.5	F1.0 / 10.R	F1.2 / 14.8
+46.87			47	67[illegible]	68.2	F1.1	F0.7 / 10.L	F0.4 / 13.6L
+50			46	67[illegible]	68.1	F0.9	F1.7 / 10.R.	F1.9 / 15.8R F.0.8 / 10L F0.5 / 13.7L.
+75			46	67[illegible]	67.0	C-0.2		
1+00			52	66[illegible]	66.3	C-0.3	F0.5 / 10.R	F0.6 / 13.9R C-0.3 / 10.L C2.0 / 50L
+13.87			55	66[illegible]	66.2	C-0.1	F0.7 / 10.R.	F0.8 / 14.2R. C.0.2 / 10.L C.0.2 / 14L
+53.87			56	66[illegible]	65.8	C-0.4	F0.4 / 10.R	F0.6 / 13.9R C.0.6 / 10.L 2.0 / 50L
1+75			54	66[illegible]	65.7	C-0.7	F0.2 / 10.R	Gr / 13R. C.0.6 / 10.L C.2.0 / 50.L
2+00			57	66[illegible]	65.5	C-0.6	F0.4 / 10.R	F0.7 / 14.R C.0.6 / 10.L C1.8 / 46.L
+25			60	65[illegible]	65.3	C-0.5		
+50.87			61	65[illegible]	65.1	C-0.6	F0.2 / 10.R.	F0.4 / 13.6R C.0.5 / 10.L C-1.2 / 34.L
+60.87			60	65[illegible]	65.0	C-0.8	C.0.4 / 10.L	C.0.3 / 16.L
2+75.87			62	65[illegible]	64.9	C-0.7		
+80.87			63	65[illegible]	64.7	C-0.8		
3+00.87			66	65[illegible]	64.1	C1.1	C.0.1 / 10R	C0.1 / 12R. C.0.7 / 10.L
3+10.0					63.8	stat. falls out side of fence		
T.P. 1X1			765	564.13	Elev 564.13 see above			

76L298 307 5-49

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Arboretum West Service Road
Cont. from pg #109
Elevs before Excavation

Note: Road graded 2 or 3 from 2+00 to 8+00

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F	
		560 22					
3+50			50	55 2	553.4	C 1.8	C-1.5 10.R; C-1.7 44.R; C-1.1 10.L; C-1.5 40.L
4+00			32	57 0	54.3	C-2.7	C-2.2 10.R; C-1.9 48.R; C-2.2 10.L; C-2.9 68L
+50			13	58 9	55.8	C-3.1	C-2.3 10.R; C-2.3 56.R; C-2.4 10.L; C-3.4 78L
T.P. 1X1			1.33	558 89			
	1152	570 41					
4+85.02			99	60 5	57.5	C-3.0	
5+00			97	60 7	58.3	C-2.4	C 1.7 10.L; C 2.5 60.L
+50			79	62 5	61.2	C-1.3	C 0.7 10.R; C-1.0 30R; C 0.8 10-L; C 1.5 40L
6+00			62	64 2	64.0	C 0.2	F 0.5 10.R; F 0.5 13.7.R; F 0.3 10.L; F 0.3 13.5L
+50			41	66 3	66.3	Gr	
6+55.02			460	565 81			Tpot
" " "			39	66 5	66.0	C-0.5	Gr
7+00			21	68 3	67.7	C-0.6	F 0.1 10.R; F 0.1 13.2R; Gr 10.L; Gr 13L
7+50			05	69 9	69.6	C-0.3	F 0.3 10.R; F 0.3 13.5.R; F 0.1 10.L; F 0.2 13.3L
T.P. 1X1			0.52	569 89			
	761	577 50					

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Date ____ Job No. 5323-J-1 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey of Arboretum Survey by Holmes Notes A.R.B. Date ____
Map No. ____ Date ____ Date ____ Date ____

F.B. 1679 PG. 111

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C/F.	
		577 50					
8+00			56	71 9	571.5	C-0.4	F0.5 / 10.R; F F0.3 / 13.5R; C-0.1 / 10.L; C0.1 / 12.L
8+37.02			45	73 0	71.9	C-1.1	
(Stat. Conton pg 59-60-73+74)			722	57[illegible] 28	Elev. 570.30 pg #11		Tp of 1" I.P. N-4400 E 5800 Gr
Road One North							
See pg -75+76 for Left side							
Elevs before Excavation							
	723	577 53		57[illegible] 30	Elev 570.30 pg-11		Tp of 1" I.P. N-4400 E 5800
0+00			45	73 0	571.9	C-1.1	
+20			44	73 1	72.4	C.0.7	C-0.2 / 10.R; C.0.9 / 10L
+30			47	72 8	72.1	C.0.7	F0.1 / 10.R
+75			49	72 6	71.7	C.0.9	F0.2 / 10.R
1+27			51	72 4	71.6	C.0.8	F0.5 / 10.R
1+37			52	72 3	71.5	C.0.8	F0.1 / 20.R
1+44			54	72 1	71.5	C.0.6	
1+47			54	72 1	71.5	C.0.6	
1+54			57	71 8			
			723				

F.B. 1679 PG. 112
Survey of
Survey by
Indexed [illegible]
Job No.
Division No.
Notes Red.
Date
Notes Chkd.
Date
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

76L298 307 5-49

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Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 1323-L Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Arboretum Survey by Holmes Notes A.R.B. Date ____ Map No. ____ Date ____

F.B. 1699 PG. 113

STATION	B. S.	H. I.	F. S.	ELEV.					
Road One South Elev's before Excavation									
	275	56688		56413	Elev 564.13	Pg #10	Tp of 1" I.P.		N-4200 E-5600
0+00			64	605	557.50	C-3.0			
+20			65	604	57.6	C. 2.8	C-1.5 / 70.R	C-0.9 / 28.R	2.7 / 70-L
+50			68	601	57.7	C-2.4	C-1.5 / 70.R	C-0.8 / 26.R	C 2.2 / 70.L
+75			70	599	57.7	C 2.2	C-1.2 / 70.R	C-0.5 / 20.R	C-1.8 / 70.L
+87			73	596	57.8	C 1.8	C-0.5 / 70 R		
+97					57.8				
1+17			77	592	57.9	C 1.3	C-1.2 / 70-L	C-2.0 / 50-L	
1+27					57.9				
1+43			79	590	57.9	C 1.1			
			275	56413	Elev. 564.13	Pg #10			

F.B. 1679 PG. 114

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

Survey of_____ Date_____ Date_____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

76L298 307. 5-49

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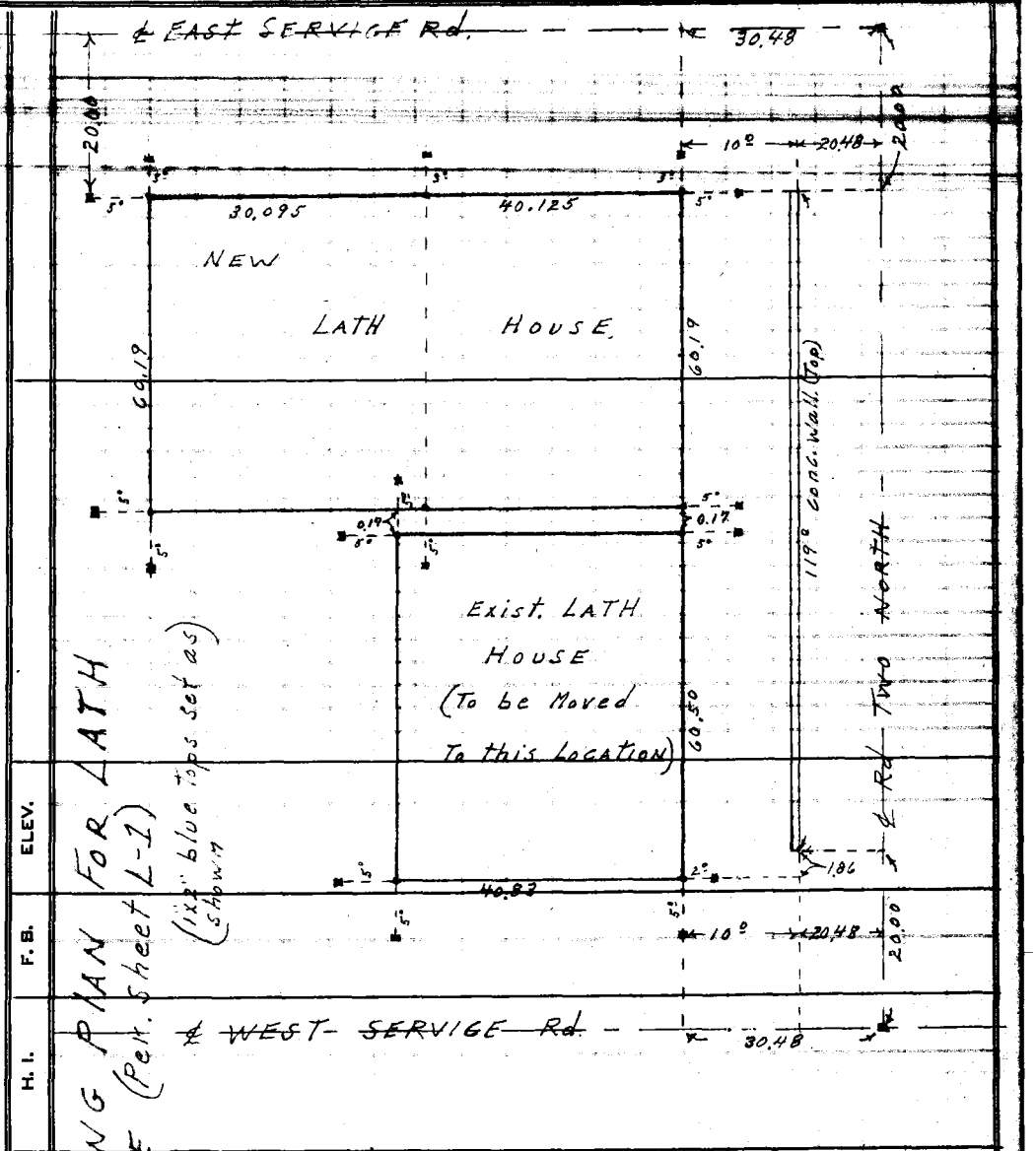
Profile No.	Notes Red.	Plotted	Job No. 5323-J-2	Division No.	F. B. 1679 Pg. 115
	Date	Date	Survey of Arboretum		
X-Sec. No.	Notes Chkd.	Checked	Survey by Holmes	Notes DEH	Date
	Date	Date	Map No.	Indexed Johnson	Date



STATION	B. S.	+	H. I.	−	Elv.	
	B.M.	11.67	581.97		570.30	Top 1" I.P. Pg. 11 N 4400 E 5800
				4.29	577.68	(1x2" blue tops = Top. Conc. Piers)
	B.M.			9.78	572.19	Top. 1" I.P. Pg. 11 N 4400 Elv. 572.18 E 5600

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76L298 307 4-50

F.B. 11679 Pg. 116

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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Profile Notes Red. Plotted Job No. Division No.

No. Date Date Survey of ARBORETUM

No. Date Date Map No. Date

ARBORETUM

Elev's Before excavation on
Knoll Acres Rd.

CONTRACTOR (TAYLOR & DIMMIT)

ELEV.

F.S.

H.I.

B.S.

STATION

76L298 307 4-60

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut/Fill Left	℄	Remarks Right
I.B.M	481	521.71		516.90				Elev 516.90 ± R 1234 + 209 Bt 5 ft in base of 30" Gum Tree N-223 E 46.25
T.P IN			1.72	519.99				
	1004	530.03						
2+45.33			11.63	516.40	518.45	F 0.4 / 16.0	F 1 / ℄	F 0.5 / 15.75
2+50			11.5	518.5	18.56	F 0.2 / 16.2	C 0.3 / ℄	F 0.3 / 16.1
+75			10.4	519.6	19.26	F 0.8 / 16.2	C 0.4 / ℄	F 0.5 / 15.75
3+00			9.4	520.6	20.48			
3+02.28			9.3	520.7	20.2	F 0.4 / 18.6	C 0.4 / ℄	F 0.4 / 15.6
3+25			8.3	521.7	21.29			
3+47.55 B.C.			6.9	523.1		C.F. 1.5 / 17.4	C 0.02 / ℄	C 1.1 / 17.2
3+50			6.6	523.4	22.62	F 1.6 / 17.4	C 2.3 / ℄	C 2.0 / 23
3+75			3.4	526.6	24.05			
T.P. IN			1.93	526.10				
	968	537.48						
4+00			9.6	528.1	25.48	F 2.4 / 18.6	C 2.6 / ℄	C 6.2 / 23.4
+25			9.4	528.3	26.91	F 2.7 / 19	C 1.4 / ℄	C 5.2 / 25.4
+50			8.7	529.0	28.18	F 4.4 / 21.6	C 0.8 / ℄	C 4.6 / 24.4
4+65.41 E.C.			9.0	528.7				
+75			8.4	529.3	29.19	F 5.4 / 23.8	C 0.1 / 19	C 2.8 / 20.8

74L298 3M7 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut/Fill Left		Cut/Fill Right	
		537.68							
5+00			80	529.7	529.74	F 6.0 / 24.0	F 0.1 / 2	C 2.3 / 19.6	2:1 Slope
5+25			74	530.3	30.07	F 5.2 / 22.2	C 0.2 / 2	C 2.8 / 20.6	"
+50			70	530.7	30.22	F 4.0 / 21.2	C 0.5 / 2	C 4.1 / 28.2	"
BC 5+63.06			70	530.7					
5+75			69	530.8	30.37	F 5.3 / 22.9	C 0.4 / 2	C 3.6 / 22.2	"
6+00			61	531.6	30.52	F 4.4 / 24	C 1.1 / 2	C 5.5 / 23.2	1/1 Slope
EC 1+1			504	532.64					
	10.74	543.38							
6+25			107	532.7	30.67	F 3.6 / 20.4	C 0.0 / 2	C 6.3 / 27.6	
6+43.15 EC			108	532.6					
6+50			109	532.5	30.82	F 3.7 / 20.5	C 1.7 / 4	C 6.5 / 24.0	1/1 Slope
6+75			106	532.8	30.97	F 3.9 / 19.5	C 1.5 / 2	C 7.1 / 25.6	"
7+00			100	533.4	31.12	F 2.1 / 18.1	C 2.3 / 4	C 5.8 / 23.7	"
7+25			102	533.2	31.27	F 4.3 / 21.4	C 1.9 / 2	C 6.0 / 24	"
+50			109	532.5	31.42	F 3.8 / 20.7	C 1.1 / 2	C 4.1 / 21.1	"
BC 7+60.65			109	532.5					
7+75			113	532.1	31.57	F 4.1 / 21.1	C 0.5 / 2	C 3.6 / 20.4	"
EC 1+1			1128	532.10					
	6.32	538.42							
8+00			79	531.1	[illegible]	F 4.7 / [illegible]	F 0.5 / 2	C 2.3 / 19.4	"

Remarks

No. Date Revised Date Date Date

Profile Revised Date Date Date

Map No. Survey of

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Left	℄	Right
		538 42						1/2:1 - Slope ℄
8+25			85	529.9	31.9	F 5.8 / 23.7	F 2.9 / ℄	C 0.6 / 15.6 5:1/2 = 1 5/900
8+50			87	529.7	32.0	F 5.5 / 23.2	F 2.8 / ℄	F 0.6 / 15.9 " " "
8+50.08	E.C.		87	529.7				
8+75			85	529.9	32.1	F 5.4 / 23.1	F 2.2 / ℄	Gr. / 15 " " "
9+00			85	529.7	32.3	F 5.2 / 22.8	F 2.4 / ℄	Gr. / 15 " " "
+25			82	530.2	32.5	F 5.2 / 22.8	F 2.3 / ℄	F 0.8 / 16.2 " " "
+50			78	530.6	32.6	F 5.0 / 22.5	F 2.0 / ℄	F 1.0 / 16.5 " " "
B.C. 9+54.92			80	530.4				
9+75			76	530.8	32.8	F 4.8 / 22.2	F 2.0 / ℄	F 0.5 / 15.7 " " "
10+00			77	530.7	32.9	F 3.6 / 20.4	F 2.0 / ℄	Gr. / 15 " " "
T.P. 1X1			7.69	530.73				
T.B.M.	7.04	537 77	6.87	530.90	Bt. spt. in Base of 3-Prong oak 16-14-14" 5 ft. 9+98 - 18 ft. R. of ℄			
	11.67	542 57						
10+25			10.0	532.6	33.2	F 3.8 / 20.7	F 0.6 / ℄	F 0.6 / 15.9 " " "
+50			8.9	533.7	33.9	F 3.6 / 20.4	F 0.8 / ℄	C 0.8 / 16.2
+75			7.0	535.6	34.9	F 2.5 / 18.7	C 0.7 / ℄	C 1.8 / 17.9
11+00			5.2	537.4	36.3	F 1.8 / 17.7	C 1.1 / ℄	C 2.0 / 18.0
E.C. 11+02.31			5.1	537.5				
T.P. 1X1			3.50	539.07				
	10.65	549 72						

Profile No. ____ Date ____ Plotted ____ Date ____
X-Sec. No. ____ Date ____ Checked ____ Date ____
Notes Bkd. ____ Date ____
Notes Chkd. ____ Date ____
Survey of ____ Survey by ____ Indexed ____
Div. No. ____ Sub. No. ____ Sec. ____ Rge. ____ Twp. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Left	℄	Right
		549.72						
11+25			10.7	539.0	37.8	F- 1.8 / 17.7	C-1.2 / ℄	C- 2.3 / 18.4
+50			9.2	540.5	39.3	F-2.3 / 18.4	C-1.2 / ℄	C-1.9 / 17.8
+75			8.6	541.1	40.8	F 2.9 / 19.3	C-0.9 / ℄	C-1.5 / 17.2
12+00			7.0	542.7	42.0	F- 3.0 / 19.5	C-0.9 / ℄	C-1.5 / 17.2
+25			4.7	545.0	42.9	F- 1.7 / 17.6	C-2.1 / ℄	C-2.9 / 19.8
+50			4.5	545.2	43.7	F-2.2 / 18.3	C-1.5 / ℄	C-1.8 / 17.7
+75			4.4	545.3	44.4	F-2.0 / 18.0	C-0.9 / ℄	C-1.0 / 16.5
13+00			4.2	545.5	45.0	F-1.5 / 17.2	C-0.9 / ℄	C-0.8 / 16.2
+25			3.5	546.2	45.7	F-1.2 / 16.8	C-0.5 / ℄	C-0.7 / 16.1
+50			2.7	547.0	46.3	F-1.3 / 16.9	C-0.7 / ℄	Gr. / 15.0
+75			2.1	547.6	47.0	F 1.7 / 17.5	C-0.6 / ℄	C-0.7 / 16.2
BC 13+98.69			1.6	548.1				
14+00			1.7	548.0	47.6	F. 1.3 / 17.3	C-0.4 / ℄	C- C-0.7 / 15.1
T.P.1X1			0.51	549.21				
	9.32	558.53						
14+25			9.3	549.2	48.3	F. 1.0 / 16.5	C-0.9 / ℄	Gr. / 15.0
+50			9.2	549.3	48.9	F-1.8 / 17.7	C-0.4 / ℄	Gr. / 15.0
PRC. 14+50.73			9.2	549.3				
14+75			8.0	550.5	49.6	F 0.9 / 16.3	C- 0.9 / ℄	C- 0.6 / 15.9
15+00			7.2	551.3	50.2	F-0.7 / 15.5	C-1.1 / ℄	F 0.0 / 15.9

Profile No. ____ Date ____ Notes Read ____ Date ____ Plotted ____ Date ____ Job No. ____ Survey of ____ Map No. ____ Division No. ____ F.B. 7639

76L298 307 4-50

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Do not extend notes this side of this line. S

STATION	B. S.	H. I.	F. S.	ELEV.	℄ Grade	Left	℄	Right
		558 53						1½:1 Slope
15+25			60	553 5	50.9	Gr. / 15.0	C-1.6 / ℄	C-0.8 / 16.2
+50			54	553 1	51.5	Gr. / 15.0	C-1.6 / ℄	C-0.4 / 15.6
+75			51	53 4	52.2	Gr. / 15.0	C-1.2 / ℄	C-0.3 / 15.4
16+00			43	54 2	52.8	F-0.6 / 15.9	C-1.4 / ℄	Gr. / 15.0
+25			42	54 3	53.5	F-0.4 / 15.6	C-0.8 / ℄	Gr. / 15.0
+50			32	55 3	54.1	Gr. / 15.0	C-1.2 / ℄	Gr. / 15.0
+75			26	55 7	54.9	F-0.3 / 15.4	C-1.0 / ℄	C-0.2 / 15.3
17+00			90 ~~13~~	56 4 ~~56 2~~	55.8	F-0.3 / 15.4	C-0.6 / ℄	Gr. / 15.0
T.B.M.			287	555 66		Bt spkn Base in 3-prong Oak Tree per F.B. 1661-pg 258 Elev. 555.66		
	1212	567 78						
17+25			92	58 6	56.9	C-0.3 / 15.4	C-1.7 / ℄	Gr. / 15.0
+50			80	59 8	58.3	C-0.6 / 15.9	C-1.5 / ℄	C-0.2 / 15.3
+75			66	61 2	59.7	C-0.7 / 16.0	C-1.5 / ℄	C-0.2 / 15.3
18+00			52	62 6	61.1	C-1.0 / 16.5	C-1.5 / ℄	F-0.5 / 15.7
+25			38	64 0	62.6	C-0.5 / 15.7	C-1.4 / ℄	F-0.2 / 15.3
+50			26	65 2	63.8	C-1.5 / 17.2	C-1.4 / ℄	F-0.7 / 16.0
T.P. 1X1			141	566 37				
	545	571 82						
18+75			55	66 3	64.9	C-1.5 / 17.2	C-1.4 / ℄	F-1.7 / 17.5
19+00			48	67 0	65.7	C-1.6 / 17.4	C-1.3 / ℄	F-2.0 / 18.00

Survey of ____ Job No. ____ Notes Bed ____ Plotted ____ Date ____ No. ____ X-Sec. ____
Survey by ____ Notes ____ Notes Chkd ____ Checked ____ Date ____ No. ____
Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade ℄	Left	℄	Right
		571.82						
19+25			34	684	66.2	C. 2.2 / 18.3	C. 2.2 / ℄	F. 1.7 / 17.8
EC. 19+43.58			35	683				
19+50			36	682	66.6	F. 2.4 / 18.6	C. 1.6 / ℄	F. 1.6 / 17.4
+75			40	678	67.0	C. 2.0 / 18.0	C. 0.0 / ℄	F. 1.2 / 16.8
20+00			40	678	67.4	C. 1.4 / 17.1	C. 0.4 / ℄	F. 1.8 / 17.7
+25			38	680	68.0	C. 0.8 / 16.7	C. 1.4 / ℄	F. 3.2 / 19.8
B.C. 20+26.67			39	679				
20+50			29	689	68.8	C. 0.5 / 15.7	C. 0.1 / ℄	F. 0.7 / 20.5
+75			24	694	69.2	F. 0.3 / 15.4	F. 0.5 / ℄	F. 4.0 / 21.0
T.P. 1x1			156	570.26				
	10.62	580.88						
21+00			106	703	71.4	F. 1.1 / 16.6	F. 1.1 / ℄	F. 5.2 / 22.8
+25			97	712	72.9	F. 1.3 / 16.9	F. 1.7 / ℄	F. 5.1 / 22.8
+50			86	723	74.5	F. 2.0 / 17.0	F. 2.2 / ℄	F. 5.1 / 22.8
+75			69	740	76.1	F. 1.9 / 17.8	F. 2.1 / ℄	F. 5.4 / 23.1
22+00			52	757	77.4	F. 0.7 / 17.6	F. 0.3 / ℄	F. 3.8 / 20.7
+25			38	771	78.2	C. 0.6 / 16.8	C. 0.4 / ℄	F. 0.8 / 16.6
+50			23	786	79.0	C. 1.4 / 17.4	C. 1.4 / ℄	C. 0.4 / 17.6
T.P. 1x1			085	580.88				

Note: Grade change Path A 4x4 in 1x6 only. Sta. 22+00 to Sta. 24+38.61

Drafile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Surveys of ____ Date ____ Map No. ____ Date ____

76L296 307 4-50

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.0109 per ft.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Left		Right
		584.92						
22+75			49	800	77.2	C-2.5 / 18.7	C 2.6 / 2	C 1.3 / 16.9
23+00			40	809	77.5	C 3.2 / 19.2	C 3.4 / 2	C-1.9 / 17.5
+25			37	812	77.8	C 2.7 / 19.2	C-3.4 / 2	C 1.5 / 17.3
+50			39	810	78.1	C 2.8 / 19.2	C 2.9 / 2	C 1.6 / 17.4
+75			43	806	78.3	C 1.8 / 17.2	C-2.3 / 2	C 0.9 / 16.3
24+00			46	803	78.6	C 1.2 / 16.8	C-1.7 / 2	C 0.7 / 16.0
24+25			48	801	78.9	C 0.4 / 15.6	C-1.2 / 2	GR / 15.0
E.C. 24+38 61			50	799				Top of 2" Water Pipe
T.B.M.			264	582.38	Station on center of 30' Oak Tree N.W. R. 5 Flat 24+65 Elev. 582.28 F.B. 1661 pg 269			

Stationing Cont. Knoll Acres Rd See pg. 44
Note: Cut + Fills from edge of Circle
See above - Elev. 582.28 F.B. 1661 pg. 269

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Left		Right
	264	584.92						
24+265			662	578.30	Top of 2" Water Pipe			
24+38 61 E.C.			505	799.7	79.0	GR / 15.0	C 0.9 / 2	GR / 15.0
24+50			541	795	79.03	F-0.2 / 8.8	C-0.5 / 2	C-0.3 / 16.4
24+60			582	791	79.05	F 0.8 / 7.8	GR / 2	C-0.4 / 16.4
+75			625	786	79.09	F-1.0 / 15.2	F 0.5 / 2	F-0.3 / 2.6
25+00			594	790	79.11	F-0.6 / 23.9	F 0.8 / 2	F-1.0 / 1.8
25+20 22 Radius 50'			[illegible]	793	[illegible]		C-0.4 / 2	F-0.8 / 1.8

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Left	℄	Right
		584 92				"Cut & Fills		Radially"
0+00			61	788	79.70			F 0.9/1.2
0+25			54	795	79.70			F 0.3/0.4
0+50			46	803	79.70			C 0.6/0.9
0+75			46	803	79.70			C 0.6/0.9
1+00			64	785	79.70			F 1.3/1.9
1+25			69	780	79.70			F 2.0/3.0
1+50			66	783	79.70			F 1.5/2.2
1+57.08 ±			66	783	79.70			F 1.4/2.1
			264	582.28	Elev 582.28 F.B. 1661 pg-269 see begin.			

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F.B. 1679 Pg. 125

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date ____

Map No. ____ Date ____

F.B. 1679 PG. 126

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

Survey of _____ Date _____ Date _____ No. _____

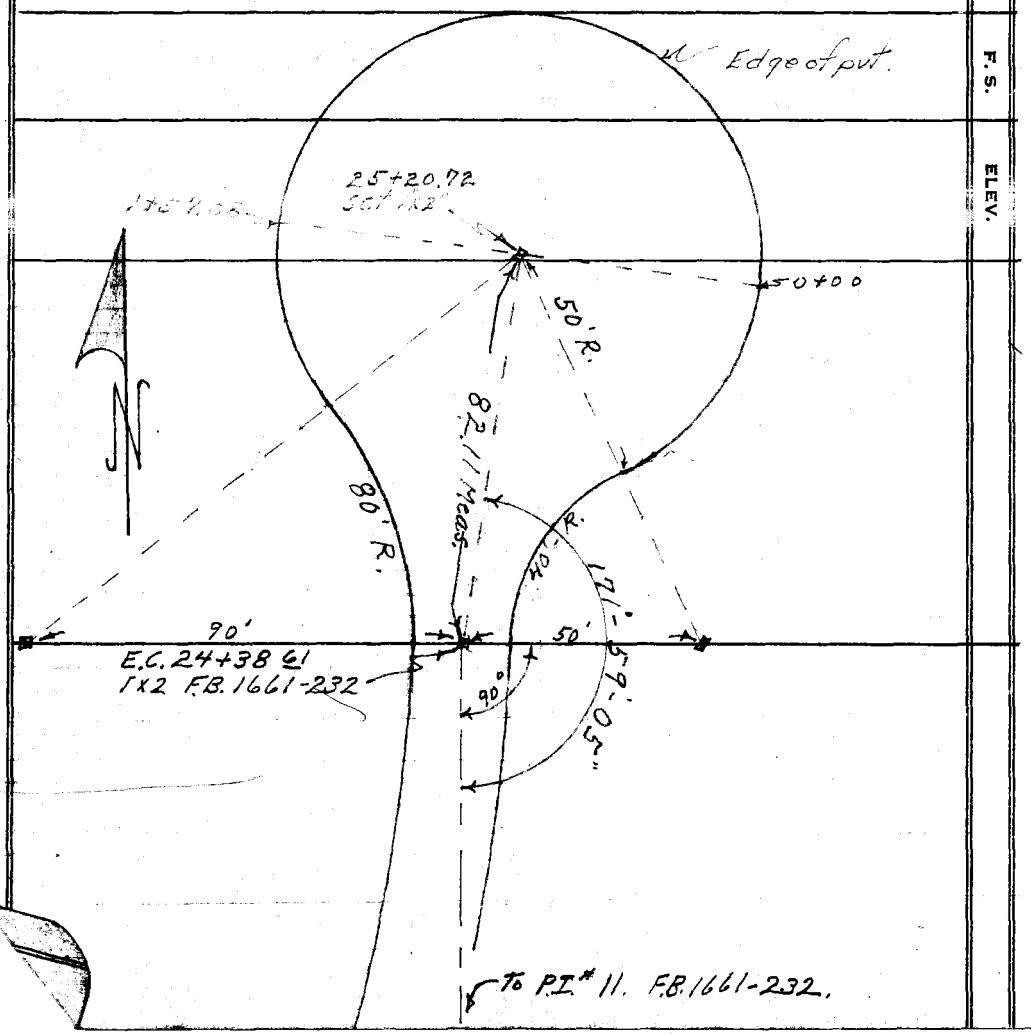
Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed [redacted] C. Johnson Date _____ Date _____ Date _____ No. _____

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

New Plan on Turn around of Knoll Acres Rd.

O.Ked by "A. Lynn"



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Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-J-1 Division No. ____ F.B. 1679 PG. 127

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Arboretum Survey by Holmes Notes ARB Date ____ Map No. ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Left	℄	Right
			J.N. - 5323 - J-1					
			Arboretum					
			Elev's before Excavation on Serv. Rd to West (Knoll Acres Rd)					
					Elev 55566 F.B. 1661 - pg 258 Bt spk in base			
T.B.M.	975	56541		55566	of 3-pronk Oak 110° Rt. Radially Stat 15+35			
0+10			29	625	61.74		C - 0.8 / ℄	
0+20			19	635	62.71		C - 0.8 / ℄	
B.C. 0+27.25			19	635	62.41	F. 0.5 / 13.2	C - 1.1 / ℄	C - 0.3 / 12.9
0+30			20	634	62.47		C - 0.9 / ℄	
0+40			19	635	62.63		C - 0.9 / ℄	
0+50			17	637	62.66	F 0.7 / 13.5	C - 1.0 / ℄	C - 1.1 / 14.1
0+60			16	638	62.55		C - 1.2 / ℄	
0+70			18	636	62.31	F - 0.2 / 12.8	C - 1.3 / ℄	C - 1.1 / 14.1
E.C. 0+77.28			20	634				
0+80			23	631	61.93	F 0.5 / 13.2	C - 1.2 / ℄	C - 1.5 / 14.7
0+90			28	626	61.42	Gr / 12.5	C - 1.2 / ℄	C - 1.4 / 14.6
1+00			33	621	60.77		C - 1.3 / ℄	
+10			38	616	60.08	Gr / 12.5	C - 1.5 / ℄	C - 1.0 / 14.0
+20			44	610	59.40		C - 1.6 / ℄	
B.C. 1+29.38			52	602	58.75	C - 0.7 / 13.5	C - 1.8 / ℄	C - 2.7 / 16.5
1+40			62	592	58.13	F - 0.4 / 13.1	C - 1.1 / ℄	Gr / 12.5

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Left	℄	Right
		565.41						
1+50			69	58.5	57.53		C. 1.0 / ℄	
+60			77	57.7	56.97	F. 0.8 / 13.2	C. 0.7 / ℄	F. 0.4 / 13.1
+70			85	56.9	56.42		C. 0.5 / ℄	
+80			92	56.2	55.91	F. 1.2 / 14.3	C. 0.3 / ℄	F. 0.9 / 13.8
+90			100	55.4	55.42	F. 1.4 / 14.6	GF / ℄	F. 1.1 / 14.1
1+92.26 E.C.			101	55.3				
" " " "			1008	55.33				

Elev. 555.3 E.C. F.B. 1661 pg. 273
E.C. 2+06.60 = 1+92.26 E.C.

F.B. 1679 PG. 128

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed [illegible] Date ____ Date ____ Date ____ No. ____

76L298 307 5-49

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

J.N - 5323 - J-1
Arboretum

Elev.'s on West Lagoon Area before Excavation of Sand Bar Fill

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F.B. 1679 Pg. 129
X-Sec. No. ____ Date ____ Date ____ Survey of ____
Notes Chkd. ____ Date ____ Checked ____ Survey by Holmes Notes ____ Date ____
Map No. ____ Date ____ Date ____ Date 7-14-53

76L298 307 5-49

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date
Division No. Notes Date
Job No.
Survey of
Survey by
Indexed C. Johnson
F.B. 1678 Pg. 130

STATION	B. S.	H. I.	F. S.	ELEV.		
B.M.				51641	Elv. 516.41 FB. 1661-88 Bt. spk. in root of Elm Tr.	
	527	52168				
T.P.			176	51992		1x1
	564	52556				
N2850 E4100			56	5200		1x1
N2868 E4100			75	5181	Top bank. S edge Lagoon.	
N2877.7 E4100			136	5120	bot. " " "	"
N28865 E4050			72	5184	Top bank. " "	"
N2893.1 E4050			114	5142	bot. " " "	"
N-2924° E4050			106	5150	T. Brk.	"
N2933° E4050			132	5124	b. "	"
N2933° E4042			117	5139	T. "	"
N2934° E4078°			112	5144	Top Sand bar.	"
N2940 E4050			116	5140	T. Brk. " "	
N2950 E4050			113	5143	" "	
N2957 E4079			135	5121	bot. Brk. " "	
N2963 E4071			107	5149	Top. " " "	
N2964 E4105			129	5127	b. bank.	N. edge Lagoon
N2989 E4050			103	5153	" "	" " "
N-2996 N4050			71	5185	T "	" " "

Sand bar.

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		
N 2908 E 4000		52556	78	5178	T. bank.	S. edge Lagoon.
N 2914 E 4000			103	5153	b. "	" " "
N 2950 E 4000			95	5161	T. Sand bar	
N 3000 E 4000			95	5161	" " "	
N. 30205 E. 4000			101	5155	bot. bank.	N. " "
N 30260 E 4000			68	5188	T. "	" " "
N 2902 E 3950			70	5186	" "	S. " "
N 29055 E 3950			102	5154	b. "	" " "
N 2950 E 3950			93	5163	T. Sand bar	
N 3000 E 3950			92	5164	" " "	
E 3036 E 3950			92	5164	b. bank.	N. " "
N 3041 E 3950			63	5193	T "	" " "
N 2903 E 3924			103	5153	b " edge hole	S. " "
N 2915 E 3911			97	5159	T. Brk. " "	Note, bot. hole centers at drain outlet. Level
N 2915 E. 3932			98	5158	" " " "	
N 2933 E 3923			86	5170	" " " "	
N 2908 E. 3900			52	5204	T. bank.	S. edge Lagoon
N 2917 E 3900			93	5163	b. "	" " "
N 2946 E 3885			92	5164	" "	W. " "
N 2950 E 2900			93	5163		Sand bar, edge of hole
N 2977 E 3915			99	5157		" " " "

Profile No. ___ Date ___ Notes Red. ___ Plotted ___ Job No. ___ Division No. ___
X-Sec. No. ___ Date ___ Notes Chkd. ___ Checked ___ Survey of ___ Survey by Holmes Notes ___ Date ___
Map No. ___ Date ___ Date ___ Date ___ Date ___

F.B. 1679 Pg. 121

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.		Note hole centers at drain outlets.
N 2977 E 3875		525 56	95	5161	bot bank w edge lagoon & edge of hole	
N 3000 E 3900			102	5154		" " "
N 3000 E 3915			89	5167	sandbar	
N 3012 E 3897			92	5164	bot bank. N.W. edge lagoon & edge of hole.	
N 3014 E 3900			90	5166	" " " " "	"
N 3020 E 3900			62	5194	T " " " "	"
N 2977 E 3867			44	5212	T. " W. "	"
T.B.M.			035	525 21	T.B.M. Elev. 525.18 Per F.B. 1234-178 Bt. spk in base 24" Gum. So. side N. 3000 E. 4130	

Profile No. X-Sec. No.
Plotted Date
Checked Date
Notes Red Date
Notes Chkd. Date
Division No.
Job No.
Survey of
Survey by
Indexed K. C. Johnson
Notes Date

F.B. 1679 Pg. 232

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
	J.N 5323-J-1 Arboretum				
	Elev on Debris Basin after Excavation				
N 3000 E 4130	011	525 29		525 18	Elev 525.18 FB 1234 pg 178 Bt. spk. in base of 24" Gum (S-side)
N 2868 E 4100			65	518 8	Tp of Bank & N. edge of new rd.
N 2880 E 4100			141	11 2	B " " S-edge of Lagoon
N 2900 E 4100			142	11 1	Bottom of Lagoon
N 2950 E 4100			141	11 2	" " " "
N 2965 E 4100			151	10 2	Brk. in B "
N 2977 E 4100			84	16 9	Tp of Bank N-edge of Lagoon
N 2888 E 4050			68	18 5	N-edge of new rd.
N 2900 E 4050			156	09 7	B. of Band S-edge " " "
N 2950 E 4050			156	09 7	" of " " "
N 2982 E 4050			158	09 5	" of " " N. " " " " "
N 3002 E 4050			51	20 2	Tp of Bank S-edge of New rd.
N 2905 E 4000			65	18 8	" " " N- " " " "
N 2917 E 4000			161	09 2	B. " " S-edge of Lagoon
N 2950 E 4000			161	09 2	B " " "
N 3000 E 4000			153	10 0	B. " " "
3010 E 4000			153	10 0	B " " N-edge of Lagoon Bottom

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. S. 1679 Pg. 133
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		525.29				
N 3033						
E 4000			44	52[illegible]9	Tp of Bank s-edge of new rd	
N 2902						
E 3950			61	19 2	N-edge of new rd & Tp of Bank s-side of Lagoon	
N 2918						
E 3950			151	10 2	B. of Bank s-edge of Lagoon	
N 2950						
E 3950			147	1[illegible]6	B. of " "	
N 3000						
E 3950			149	510 4	" " " "	
N 3024						
E 3950			148	[illegible]5	B. of Bank N-edge of Lagoon	
N 3042						
E 3950			45	20 8	Tp " " t. S. " " of New rd.	
N 2913						
E 3900			47	20 6	Tp " " N edge of " " "	
N 2935						
E 3900			141	11 2	B. " " S " " of Lagoon	
N 2950						
3900			147	10 6	B " " Lagoon	
N 3003						
3900			140	11 3	B. of Bank N-edge of " "	
N 3024						
3900			40	21 3	Tp " " " S. " " " New rd.	
N 2980						
E 3886			142	11 1	B. of Bank W. end of Lagoon	
N 2980						
E 3866			34	21 9	Tp " " " " " " "	
N					Elev 516.41 F.B. 1234 pg-164. Btspk in root of 18"	
B.M.			888	51[illegible]41	Elm. (W. side) N. 2495 - E. 4443.250± N.W. of old stable	

F.S. 1679 Pg. 134

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed R. C. Johnson Date ____ Date ____ Date ____ No. ____

Notes Ch'd by	Survey at Arboretum	F. B. 1679 Pg. 135
Map No.	W. O. 5323 Tape No. 0122 St'd 68 °F	
Office Work	Surveyed by Holmes	
Checked	Notes Holmes Date 8-21-52	
Date	Indexed A. C. Johnson 2-17-53	

J.N. 5323-8-9

ARBORETUM

6" C.I. SEWER LINE N.E. AREA

Per. Plan. (Sheet # S.S.-2)

J.E. YOUNG CONTRACTOR.

See Pgs 140 to 145 for Profile + Grades

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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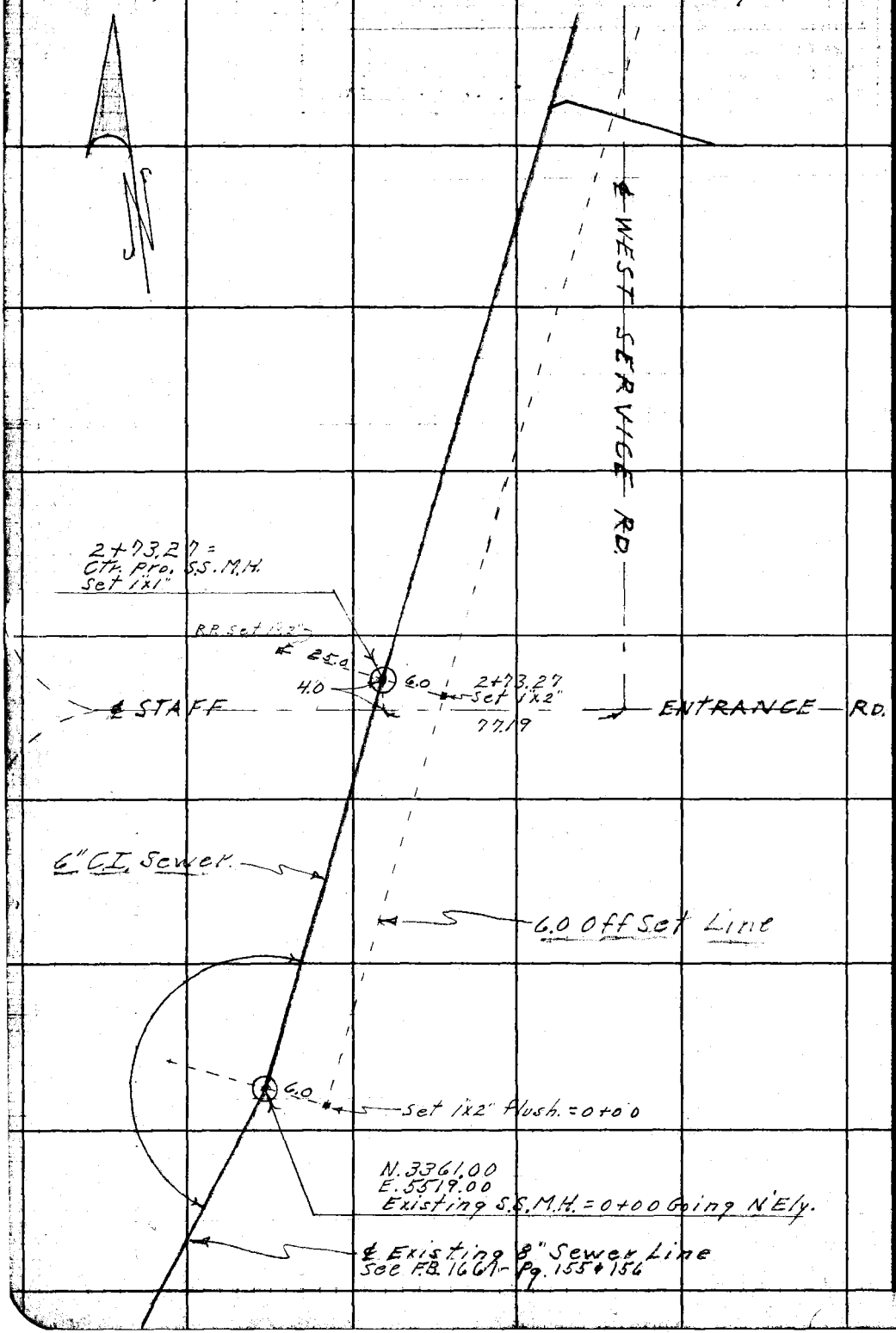
76F3085 247 2-51

F.B. 1679 Pg. 136

Contd bot. Pg. 137



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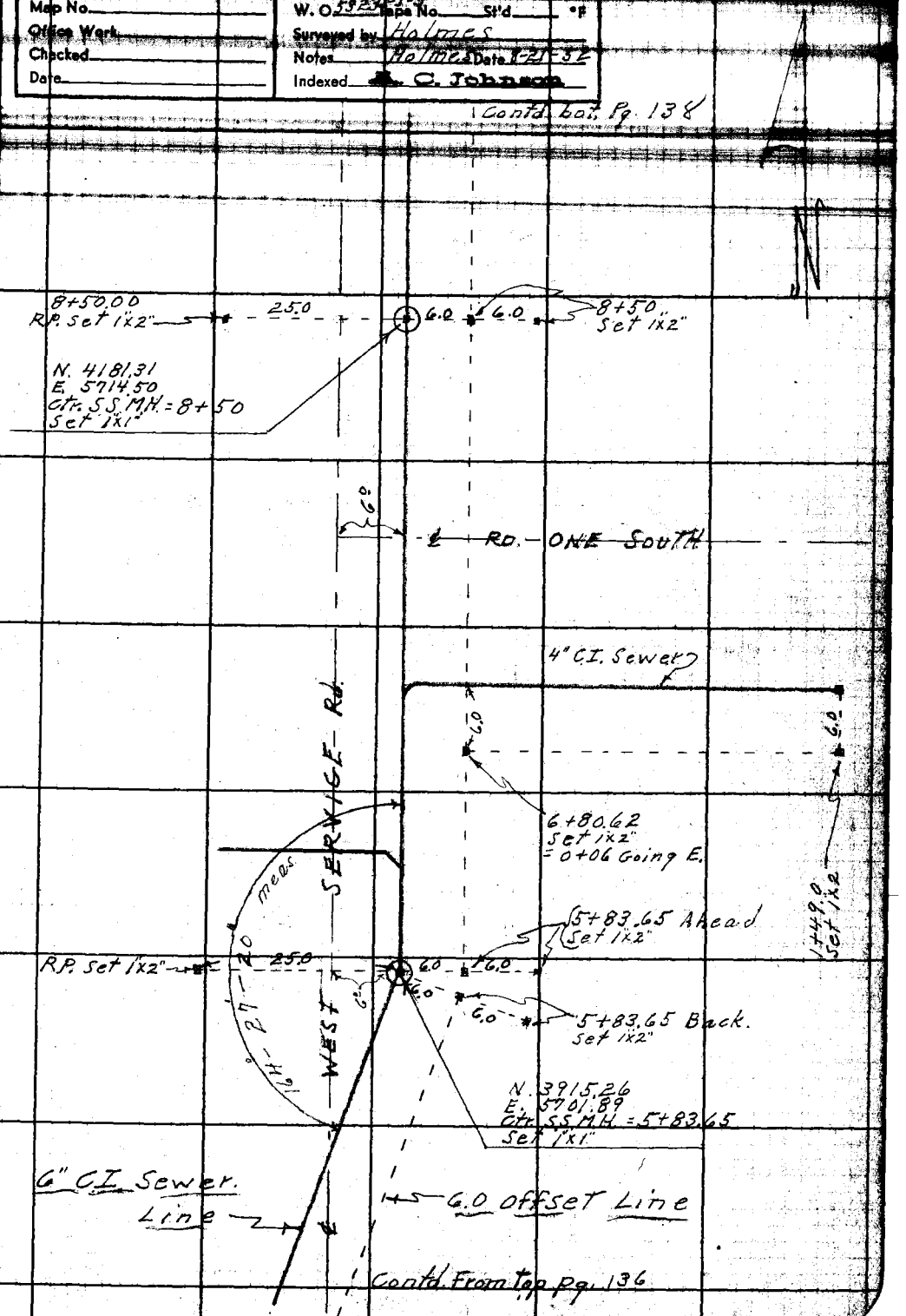
Notes Ch'd by	Survey of Arboretum
Map No.	W. O. 5323 Tape No. St'd °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date 8-21-52
Date	Indexed R. C. Johnson

F. B. 1679 Pg. 137

Contd. bot. Pg. 138



Contd. From top Pg. 136

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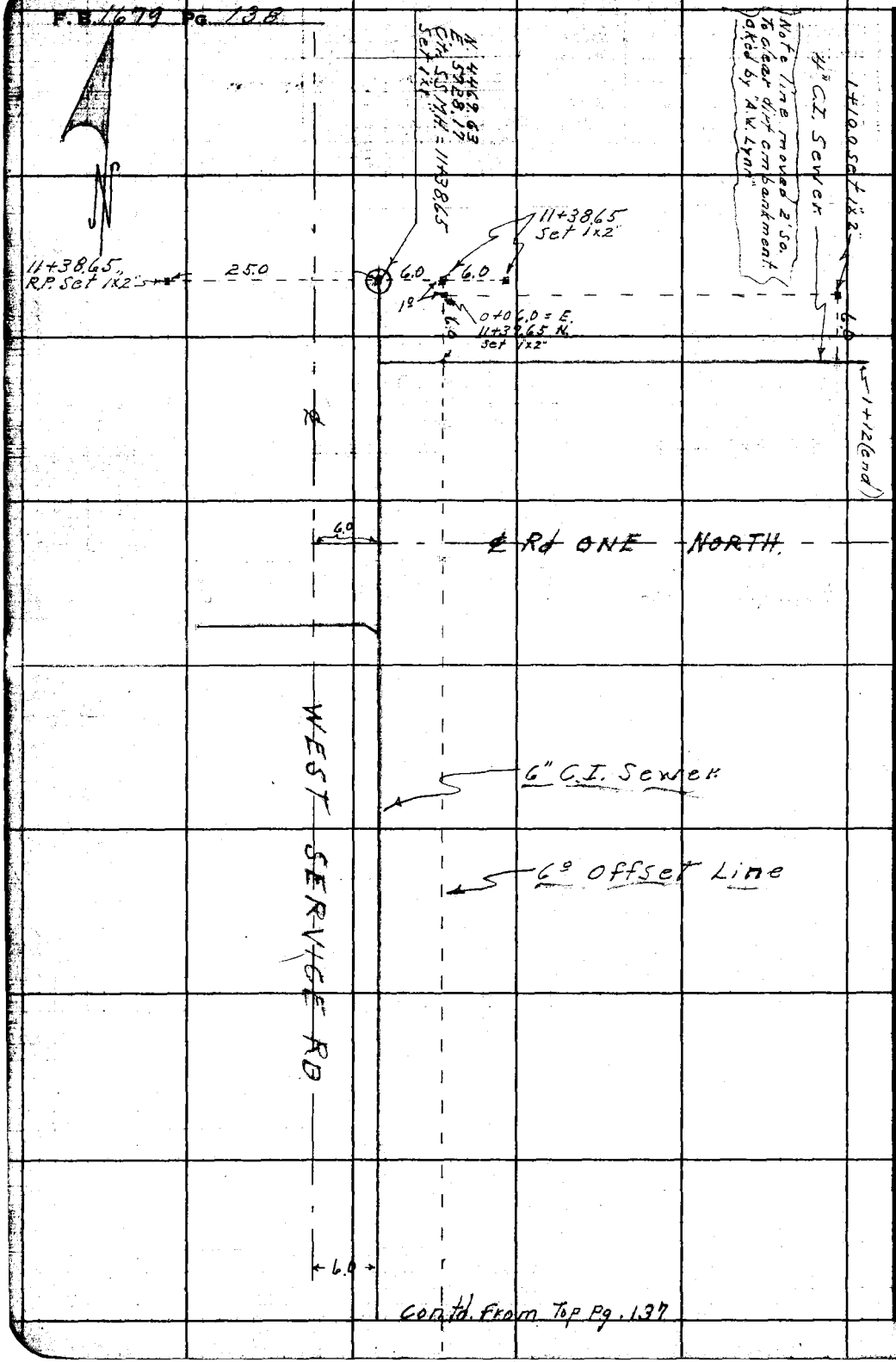
78F3095 247 2-51

F.B. 1679 Pg. 138



Contd. from Top Pg. 137

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76L298 307 5-49

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Do not extend notes this side of this line.

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

J.N - 5323 - J-5
Arboretum 8-21-52
Profile & Grades on 6" C.I. Sewer Line N.E. Area
Per. Plan (Sheet # S.S.-2)
see pg. 135 - for sketch.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ____
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1679 Pg. 138

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
					Elev 534.18 Tp of I.P. (dn-10") N-3400 E-5600		
				534.18	F.B. 1679 pg 8.		
	10.21	544.39					
			10.52	533.87	Elev. 533.87 Bt spk in Lead Conc. Base, Cor fence Post N-3351± E 5538± F.B. 1661-159		
					Flow Line Grade	Cuts	
0+00			10.64	533.75			Tp N-Rim of M.H.
0+00			10.60	533.79			6° Rt - 1X2
0+02			10.60	533.79	517.97	15.82	" "
+25			9.40	534.99	519.35	15.64	" "
+50			8.62	535.77	520.85	14.92	" "
+75			8.02	536.37	522.35	14.02	" "
1+00			6.42	537.97	523.85	14.12	" "
+25			5.38	539.01	525.35	13.66	" "
+50			4.61	539.78	526.85	12.93	" "
+75			4.07	540.32	528.35	11.97	" "
2+00			3.29	541.10	529.85	11.25	" "
+25			1.96	542.43	531.35	11.08	" "
+50			1.32	543.07	532.85	10.22	" "
2+71 27			2.76	541.63	534.13	7.50	" "
2+73 27			2.70	541.69			M.H. " "
75 27			2.68	541.71	534.33	7.38	" "
I.P. 1X1			2.70	541.69			

6%

F.B. 1679 Pg. 140
Job No. 5323-J-5 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of ____ Date ____ Date ____ No. ____
Survey by D.E. Holmes Notes A.R.B. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed A. C. Johnson Date ____ Date ____ No. ____

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Flow Line Grade	Cuts		
T.P.				541 69				
	901	550 70						6° Rt 1 12
3+00			556	545 14	535.17	9.97		"
+25			444	546 26	536.02	10.24		"
+50			347	547 23	536.87	10.36		"
+75			314	547 56	537.72	9.84		"
4+00			261	548 09	538.57	9.52		"
+25			215	548 55	539.42	9.13		"
4+50			125	549 45	540.27	9.18		"
+75			030	550 40	541.12	9.28		"
5+00			015	550 55	541.97	8.58		"
B.M.			112	549 58	Elev 549.57	N. 3800 E 5600	F.B.	Pg
	1090	560 47		549 57	see above			"
5+25			962	550 85	542.82	8.03		"
+50			907	551 40	543.67	7.73		"
+75			815	552 32	544.52	7.80		"
5+81.65			747	553 00	544.75	8.25		"
5+83.65			734	553 13				Back 6° Rt 1 12
5+83.65			694	553 53				" 12° " "
5+83.65			733	553 14				Ahead 6° Rt "
5+85.65			729	553 18	544.95	8.23		" "

3.40 %

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F.B. 1679 Pg. 144
X-Sec. No. ____ Date ____ Date ____ Survey of Arroyo
Notes Chkd. ____ Date ____ Checked ____ Survey by ____ Notes ____ Date ____
Map No. ____ Date ____ Date ____ Indexed Johnson Date ____

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Elev Grade	Cuts		
		560 47						
6+00			7 05	553 42	545.45	7.97		6° Rt - 1X2
6+25			6 38	554 09	546.33	7.76		" "
+50			6 02	554 45	547.21	7.24		" "
+75			5 54	554 73	548.09	6.84		" "
6+80.62			5 48	551 79	548.29	6.70		" "
7+00			5 05	555 42	548.97	6.45		" "
+25			4 20	556 27	549.85	6.42		" "
+50			3 48	556 99	550.73	6.26		" "
+75			2 62	557 85	551.61	6.24		" "
T.P.			2 62	557 85				" "
	12 11	569 96						" "
8+00			9 95	560 01	552.49	7.52		" "
+25			8 52	561 44	553.37	8.07		" "
8+48			7 25	562 71	554.18	8.53		" "
8+50			7 15	562 81				M.H. 6 Rt "
8+50			7 08	562 88				12 Rt 1X2
8+52			6 97	562 99	554.38	8.61		6 Rt 1X2
+75			5 66	564 30	555.16	9.14		" "
9+00			4 20	565 76	556.01	9.75		" "

3.52 %

Job No. Division No. Notes Red. Plotted Profile
Survey of Arboretum Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date No.

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Elow Line Grade	Cuts		
		569 96						6.94 1.X2
9+25			4 05	565 91	556.86	9.05		"
+50			318	566 78	557.71	9.07		"
+75			1 73	568 23	558.56	9.67		"
T.P. 1X1			1 73	568 23	3.40			
	8 00	576 23						
10+00			7 18	569 05	559.41	9.64		"
+25			613	570 10	560.26	9.84		"
+50			523	571 00	561.11	9.89		"
+75			437	571 86	561.96	9.90		"
11+00			4 36	571 87	562.81	9.06		"
11+25			4 27	571 94	563.66	8.28		
11+36.65			3 29	572 94	564.06	8.88		
11+38.65			3 23	573 00				"
11+38.65			2 23	574 00				12 Rt.
T.P. 1X1			223	574 00				
	5 80	790 80						
			2 11	577.69				
T.B.M.	12.08	589 77	2.63	587 14	Elev 587.16 Bt. spk. in Base of 24" oak (Dia. 55 ±) S. of N.E. fence Cor. #24 2' W. of fence F.B. 1679			

Profile No. ____ Date ____ X-Sec. ____ Date ____ Notes Chkd. ____ Date ____

Notes Red ____ Date ____ Plotted ____ Date ____ Checked ____ Date ____

Job No. ____ Survey of Aerotrain Survey by ____ Map No. ____ Indexed ____ Date ____

Division No. ____ Notes ____ Date ____

F.B. 1679 Pg. 1443

76L298 307 5-49

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Profile No. ___ X-Sec. No. ___ Plotted ___ Date ___ Checked ___ Date ___ Notes Red. ___ Date ___ Notes Chkd. ___ Date ___ Division No. ___ Job No. 532 Survey of Arboretum Survey by ___ Indexed L. O. Johnson Date ___

STATION	B. S.	H. I.	F. S.	ELEV.			
	Profile & Grade on 4" C.I. sewer line 77° S. of Rd "1-south" (Estrly)						
					564.13 N-4200-E5600 pg-10		
	3.11	567.24		564.13			
					Elev 556.27 N-4000 E 5600 -pg-10		
T.B.M.			1098	556.26			
					Flowline Gr	Cuts	
0+00					548.50		
0+06			1222	555.02	548.62	6.40	6 Rt- 1x2
0+25			1079	556.45	549.00	7.45	" " "
0+50			1025	556.99	549.50	7.49	" " "
0+75			1052	556.72	550.00	6.72	" " "
1+00			850	558.74	550.50	8.24	" " "
1+25			851	558.73	551.00	7.73	" " "
1+49			857	558.67	551.48	7.19	" " " End
					Elev 556.27 N-4000 E-5600 -pg-10		
			1098	556.26			
	Profile & Grade on 4" C.I. sewer line 16° N-of Rd One North (Estrly)						
					Elev 570.30 N-4400 E-5800 Pg-11		
0+00	851	578.81		570.30			
					563.89		6° Lt. 1x2
0+06=11+37.65 6° Rt			587	572.94	564.01	8.93	"
0+20			491	573.90	564.29	9.61	" "
0+40			455	574.26	564.69	9.57	
0+60			663	572.18	565.09	7.09	
0+80			476	574.05	565.49	8.56	
0+98			475	574.06	565.85	8.21	

2.00%

2.00%

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Flow Line Gr	Cuts	
		578 81					
1+10			6.44	572 37	566.09	6.28	6° Lt = 1/2
			6.62	572 19	Elev 572.18	N-4400 E-5600	Pg-11

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 1679 Pg. 1/45

No. ____ Date ____ Date ____ Survey of ____ Date ____

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

No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. Pg. 146 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.

B/8

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

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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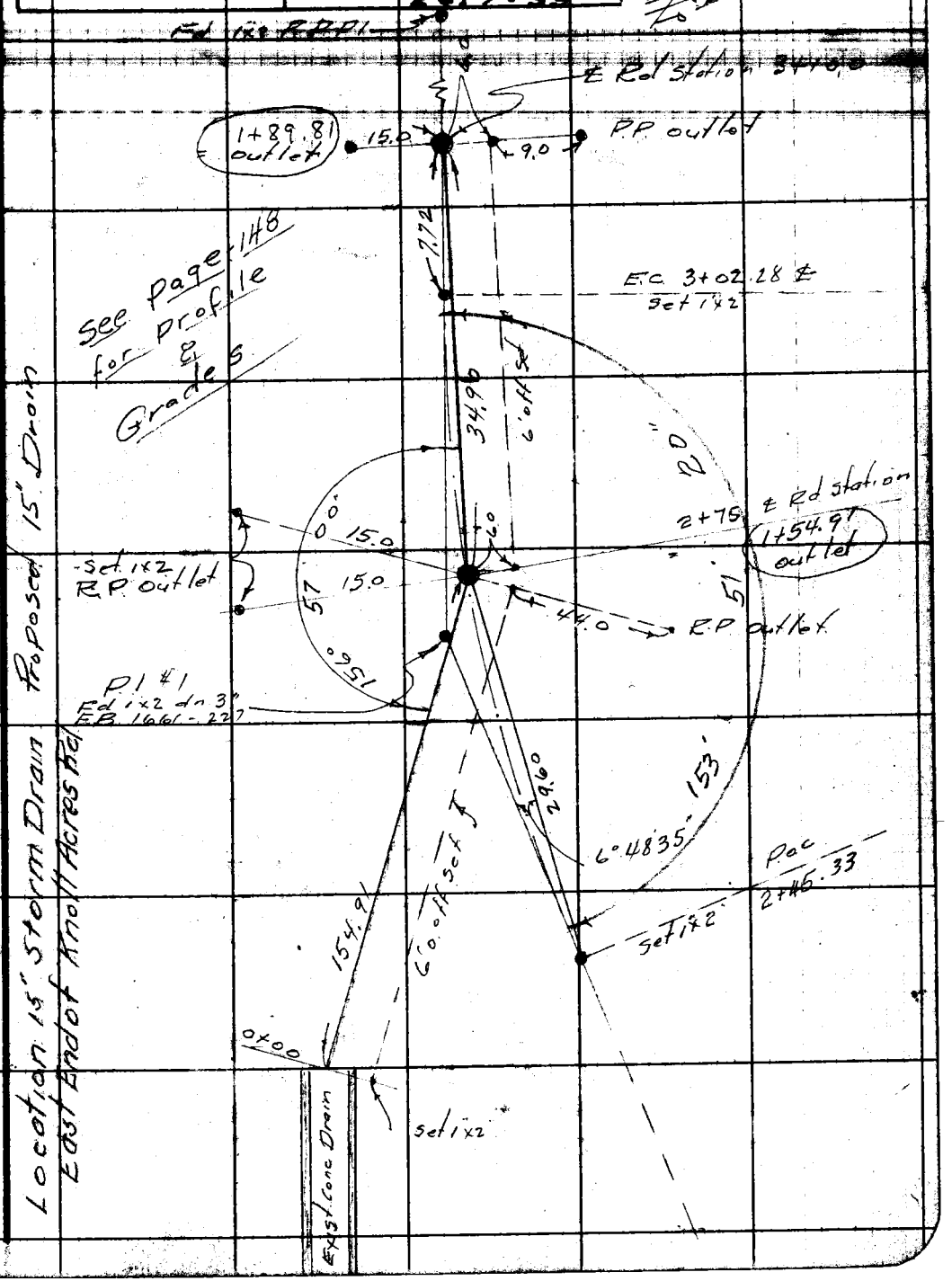
F. B. 1669 PG. 147

Notes Ck'd by	Survey of Arboretum
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by Porter
Checked	Notes " Date 8-28-52
Date	Indexed R. C. Johnson 2017-53



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76F3095 247 2-51

F.B. 1669 PG. 140

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Profile No. | Notes Red. | Plotted | Job No. | Division No. | F. S. 1669 | Pg. 149
Date | Date | Survey of
X-Sec. No. | Notes Chkd. | Checked | Survey by | Notes | Date
Date | Date | Map No. | Indexed | Date

J.N 5323-J-6 Arboretum

GRADES
Storm Drain
Lat. in Knoll Acres Rd
@ Sta 2+75 - 3+10
15" Conc. Pipe
15" Cum Pipe
from exist Road to Concrete
Box Channel

Porter
8-21-52

For Location See Page - 145

ELEV.

F. S.

H. I.

B. S.

STATION

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7AL298 307 4-50

76L298 307 4-50

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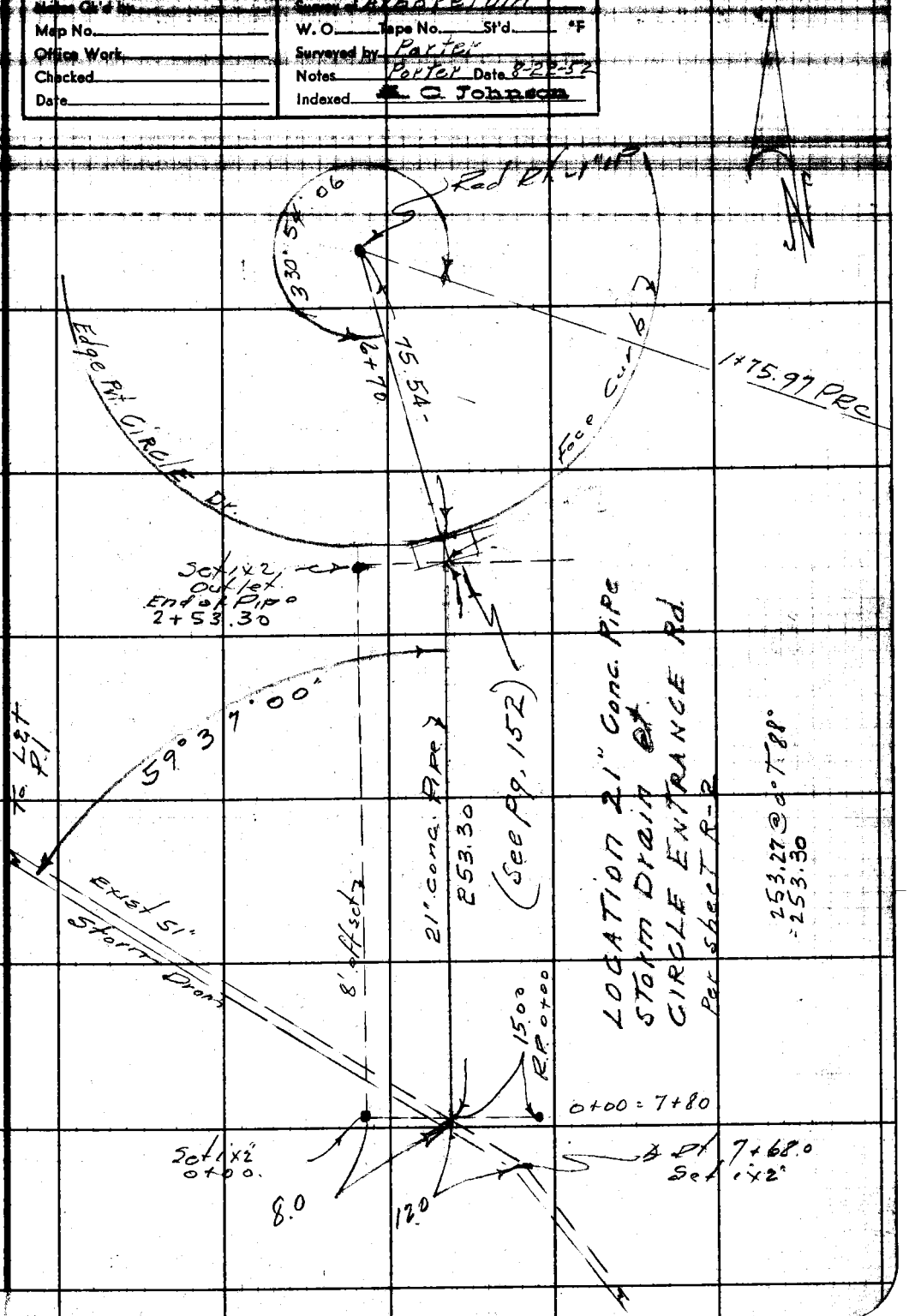
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	%	Grade	cut	
T.B.M.	3 73	520 63		516 90		T.B.M. Fd Boat Spk W. Et in 40" Euc. tr So. Side Horse Barn.		
B.M.			4 60	516 03		1" I.P. N-2000 E. 4600 = Elev = 516.03		
	1 89	517 92						
T.P.			11 27	506 65		1"x2"		
	5 70	512 35						
0+00			10 90	501 45				Flowline Bot Exist Ditch
0+00			10 01	502 34		501.35	C 0.99	1"x2" 6'0 Right
0+25			8 03	504 32		503.65	C 0.67	" " "
0+50			3 42	508 93		505.95	C 2.98	" " "
T.P.			0 61	511 74		1"x2"		
	11 60	523 34						
0+75			11 02	512 32	9.1924 %	508.24	C 4.08	" " "
1+00			10 65	512 69		510.54	C 2.15	
1+25			4 51	518 83		512.84	C 5.99	
1+50			4 77	518 57		515.14	C 3.43	
1+54.91 outlet CB.			4 50	518 84		515.59	C 3.25	" " "
1+56.91 inlet CB			4 30	519 04		515.76	C 3.28	
1+75			3 51	519 83	0.355	516.40	C 3.43	
1+89.81 outlet CB			2 90	520 44		516.93	C 3.51	
B.M.			7 31	516 03		B.M. 1" I.P. N 2000 E 4600		Elev = 516.03

Profile
Plotted ____ No. ____
Date ____
Notes Red. ____ Date ____
Notes Chkd. ____ Date ____
Division No. ____
Job No. ____
Survey of ____
Survey by ____
Indexed ____ Date ____
Notes ____
X-Sec.
Checked ____ Date ____ No. ____

Notes Ck'd by	Survey of Arboretum
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by Porter
Checked	Notes Porter Date 8-22-52
Date	Indexed C. Johnson

F. B. 1679 PG. 151



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

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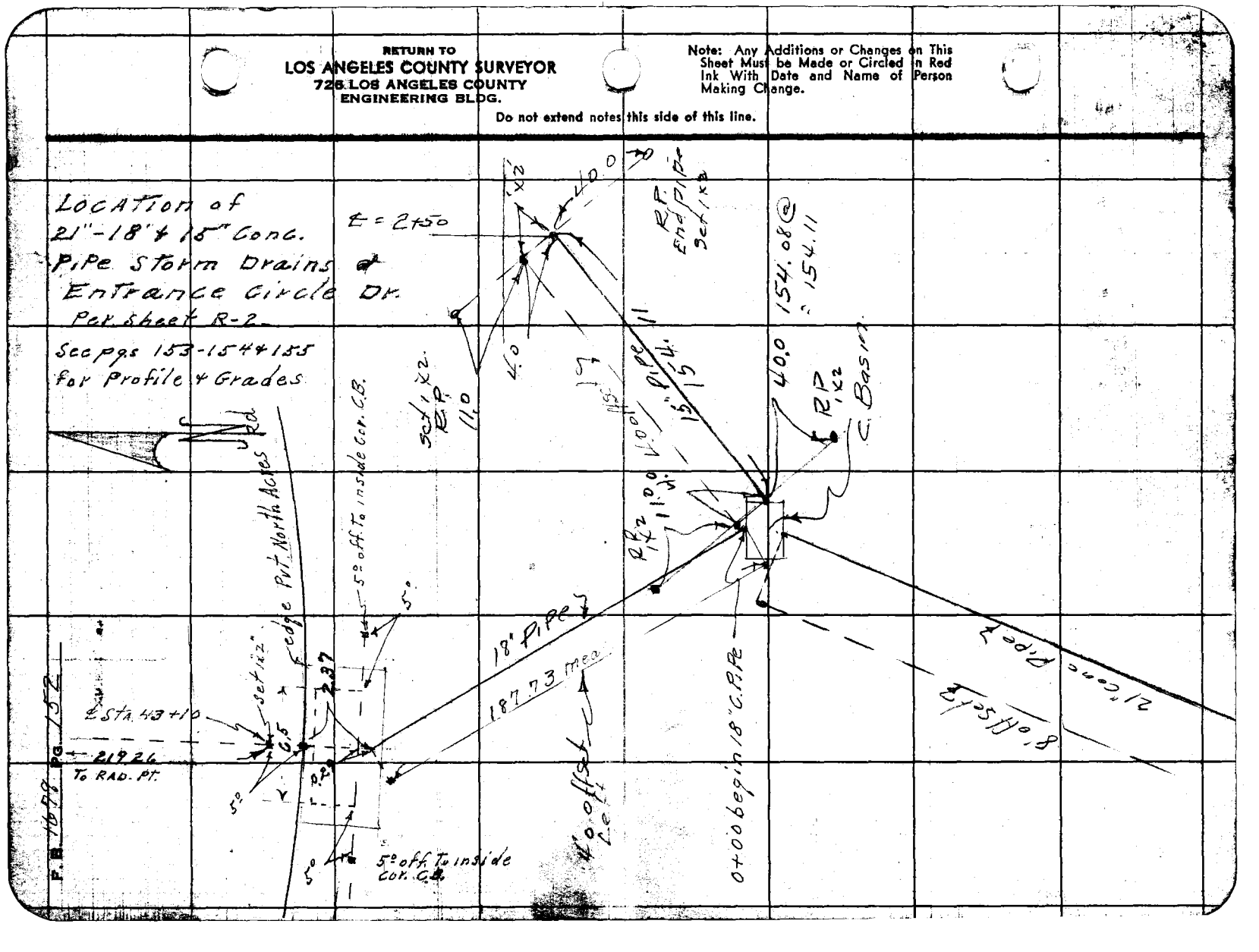

FORM 307 5M 1-[illegible]

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 21" Conc Pipe

STATION	B. S.	H. I.	F. S.	ELEV.	%	Grade	Cut	For Location see Pg [illegible]152
B.M.	0 73	529 00	11 11	528.27		Boat spk in 48" Euc Tree in Circle		
T.P.	2 91	520 80		517 89				Nail+T Top of 1x - 8° Left
0+00			8 68	512 12		499.74	C 12.38.	" " " " "
0+25			7 60	513 20		500.94	C 12.26.	" " " " "
0+50			6 75	514 05		502.13	C 11.92.	
0+75			6 02	514 78		503.33	C 11.45.	
1+00			5 23	515 57		504.52	C 11.05.	
1+25			4 36	516 44		505.72	C 10.72.	
1+50			3 35	517 45		506.91	C 10.54.	
1+75			2 91	517 89		508.10	C 9.79.	
2+00			2 42	518 38		509.30	C 9.08.	
2+25			1 15	519 65		510.50	C 9.15.	
2+50			0 50	520 30		511.69	C 8.61.	
2+53.30	outlet		0 61	520 19		511.86	C 8.33.	" " "
T.P.			0 63	520 17		1x2		
	9 65	529 82						
			8 68	521 14				6+75. t.c. [illegible] top
B.M.			1 53	528 29		above		

4.785

Profile No. ____ Date ____ Plotted ____ Date ____ Survey of ____ Division No. ____ Map No. ____ Indexed ____ Date ____

P.B. 16 79 135

FORM 307 5M 1-46

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700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
Bm	1 06	529 33		528 27	B SPR in 40" Euc tree		
Profile & Grades on					15" Conc Pipe		(See Pg. 152 for Location)
0+00 inlet			8 25	521 08	512.36	C-8.72	1x2 4 left
0+25			7 45	521 88	513.65	C-8.23	" "
0+50			6 97	522 36	514.93	C7.43	
0+75			7 52	521 81	516.21	C 5.60	
1+00			6 94	522 39	517.50	C4.89	
1+25			6.52	522 81	518.79	C4.02	
1+50			6 27	523 06	520.07	C2.99	
1+54.11 End Pipe			5 94	523 39	520.28	C3.11	" "
Bm			1 06	528 27			

5.139%

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd Date
Division No. Job No.
Survey of Notes Date
Survey by
Indexed C. Johnson

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	Flowline Gr.	Cuts	Nail & T-on Top of 1st
Profile & Grades on 18" Conc. Pipe							4° Left
					Elev 528.27 Bt spk in root of 50" Gum tr. (S.W. side		
	273	53100		52827	N-3303 E-5244±		
0+00			1085	52015	512.36	7.79	"
0+25			890	52210	513.87	8.23	
0+50			824	52276	515.39	7.37	
0+75			754	52346	516.90	6.56	
1+00			612	52488	518.42	6.46	
1+25			611	52489	519.93	4.96	
1+50			407	52693	521.45	5.48	
1+75			379	52721	522.96	4.25	
1+87 73			461	52639	523.73	2.66	End of 18" Conc. Pipe
T.B.M			273	52827	Elev 528.27 - see above		

6.06%

Profile No. ___ Notes Red. ___ Plotted ___ Job No. ___ Division No. ___
X-Sec. No. ___ Date ___ Date ___ Survey of ___
Notes Chkd. ___ Checked ___ Survey by Holmes Notes ARB. Date 8-25-52
Date ___ Date ___ Map No. ___ Indexed ___ Date ___

F.B. 1679 PG. 155

F.B. 1679 PG. 156

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

761-298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 1679 Pg. 137

Notes Ch'd by
Map No.
Office Work SS.
Checked
Date

Subject Arboretum
W. O. Tape No. St'd. *F
Surveyed by D.E. Holmes
Notes A.R.B. Date
Indexed A. C. Johnson
2-17-53

J.N. 3323-J-6

Arboretum

Location of 6" Waterline
North Acres Rd.

8-25-52

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76F3095 247 2-51

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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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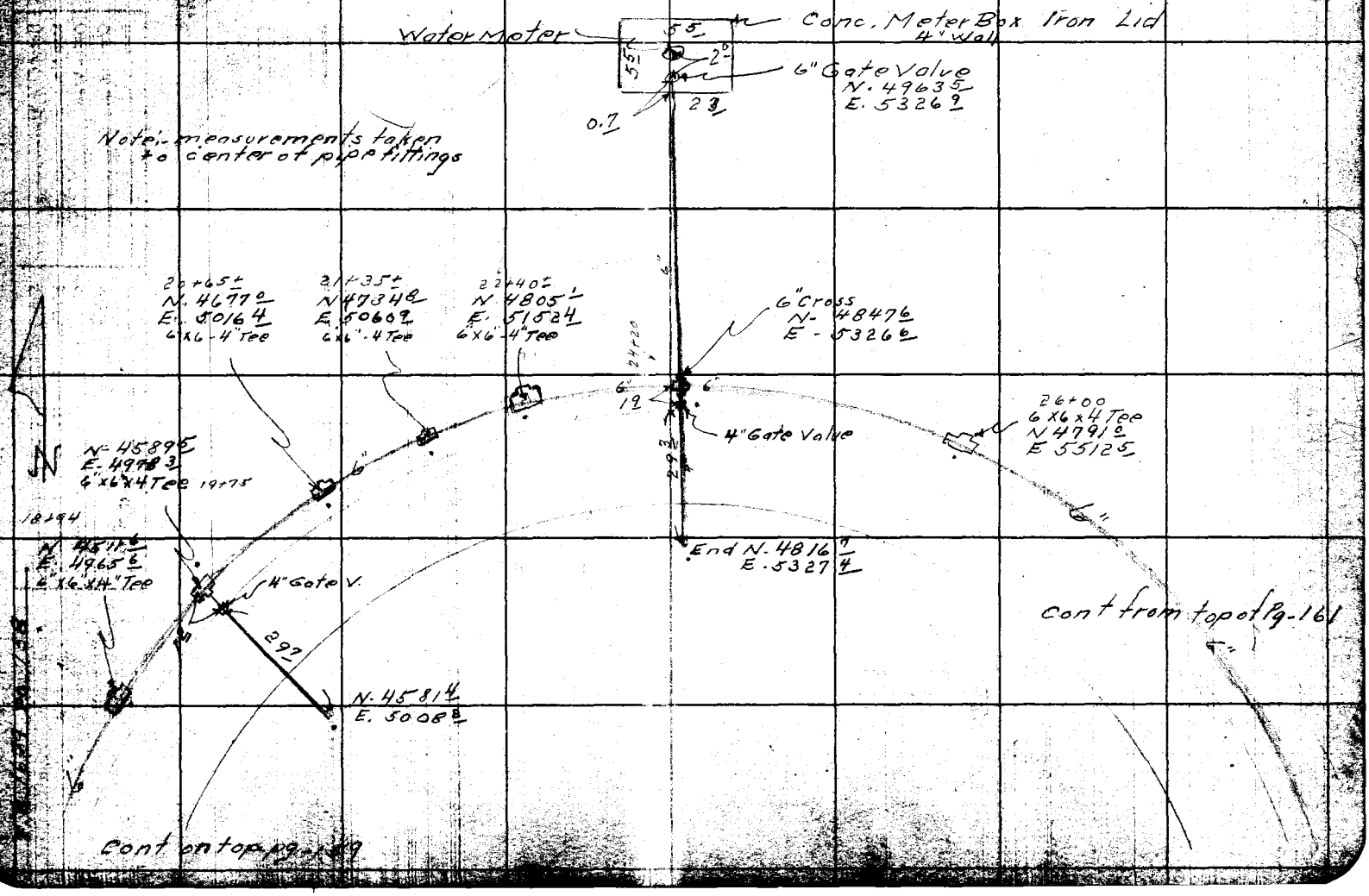
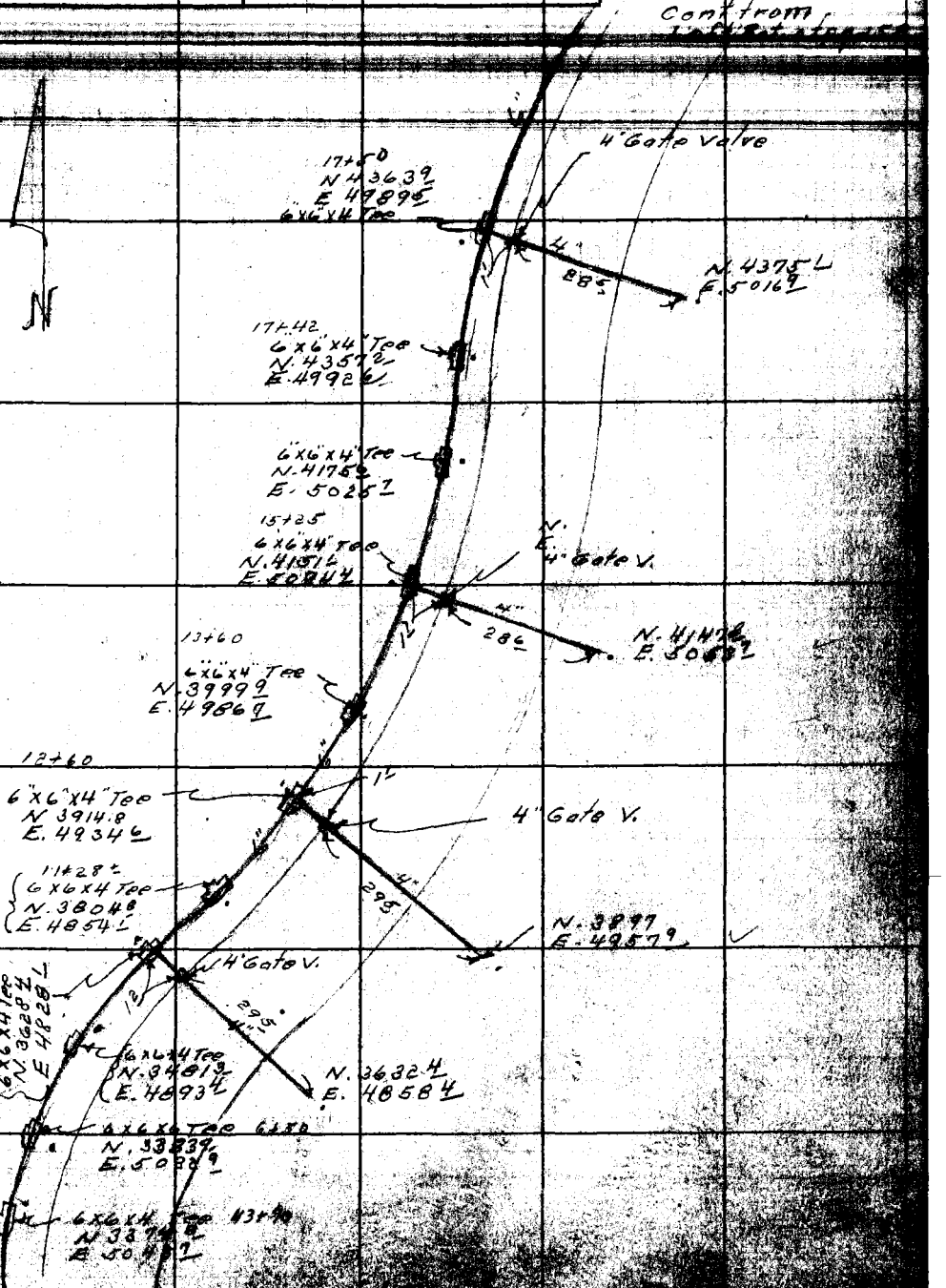


F.B. 1677 Pg. 159

Office Work S.S.	Surveyed by D.E. Holmes
Checked	Notes
Date	Indexed A.C. Johnson



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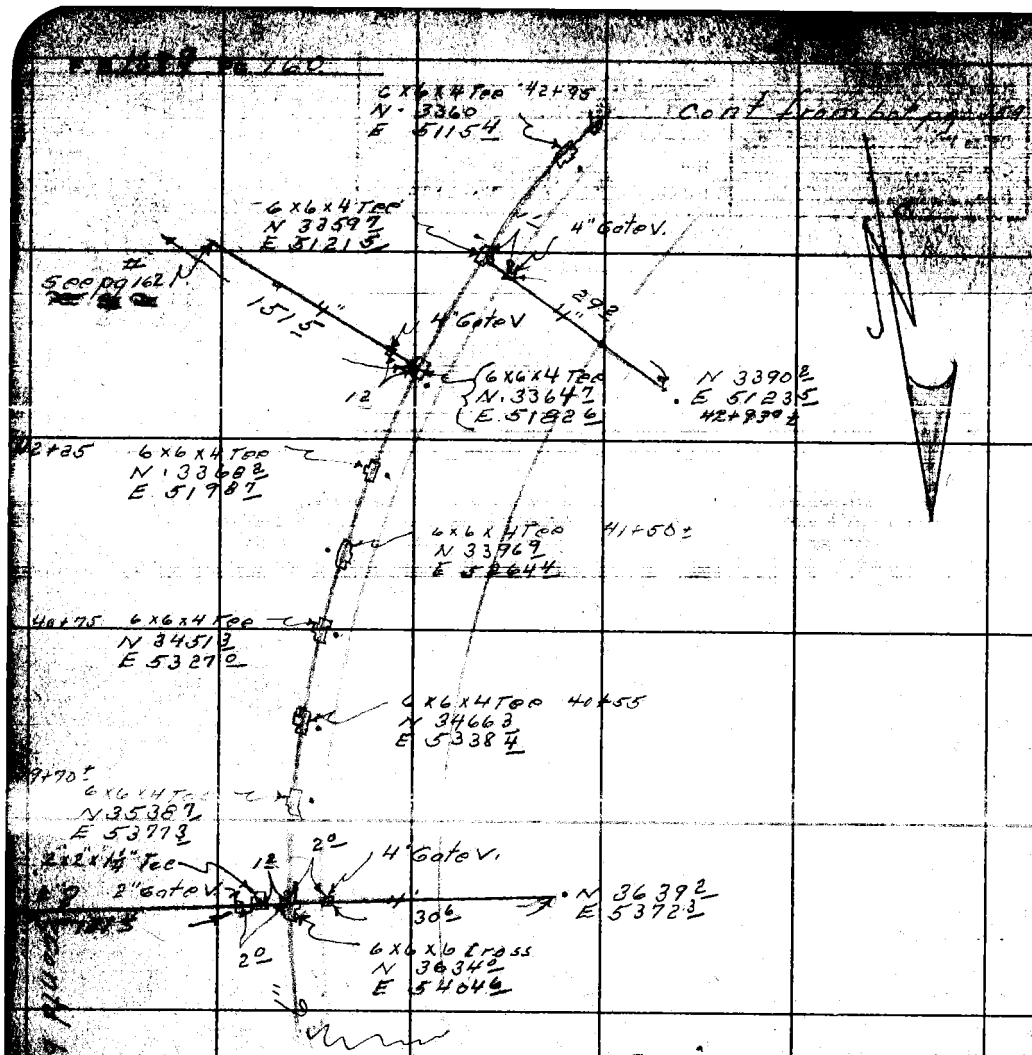
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

7SF0098 247 2-51



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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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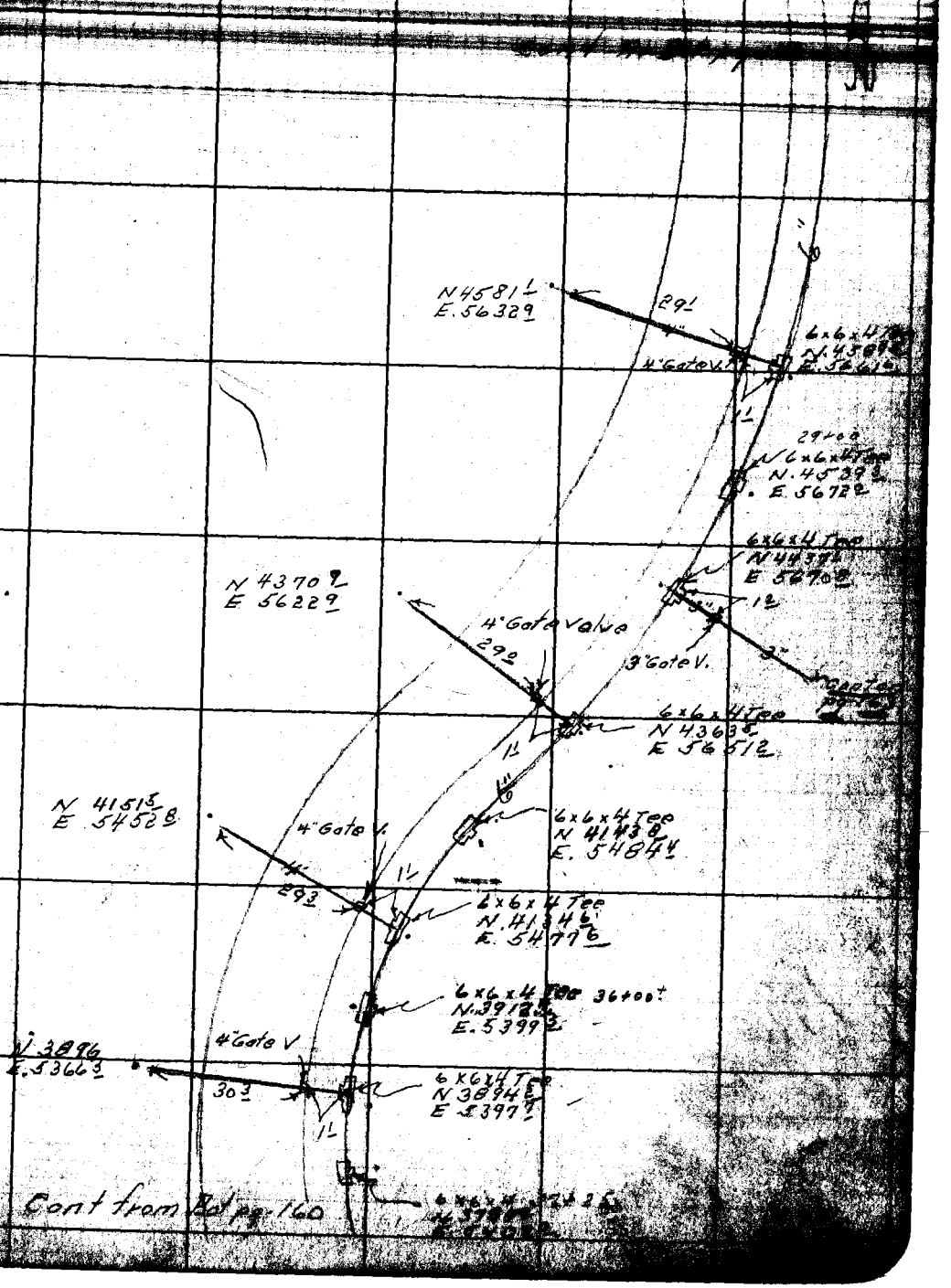
Office Work 55	Survey of Arboretum
Checked	W.O. Sign No. Sta.
Date	Surveyed by D.E. Holmes
	Notes Date
	Indexed C. Johnson

F.B. 1677 Pg. 161



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726 LOS ANGELES COUNTY
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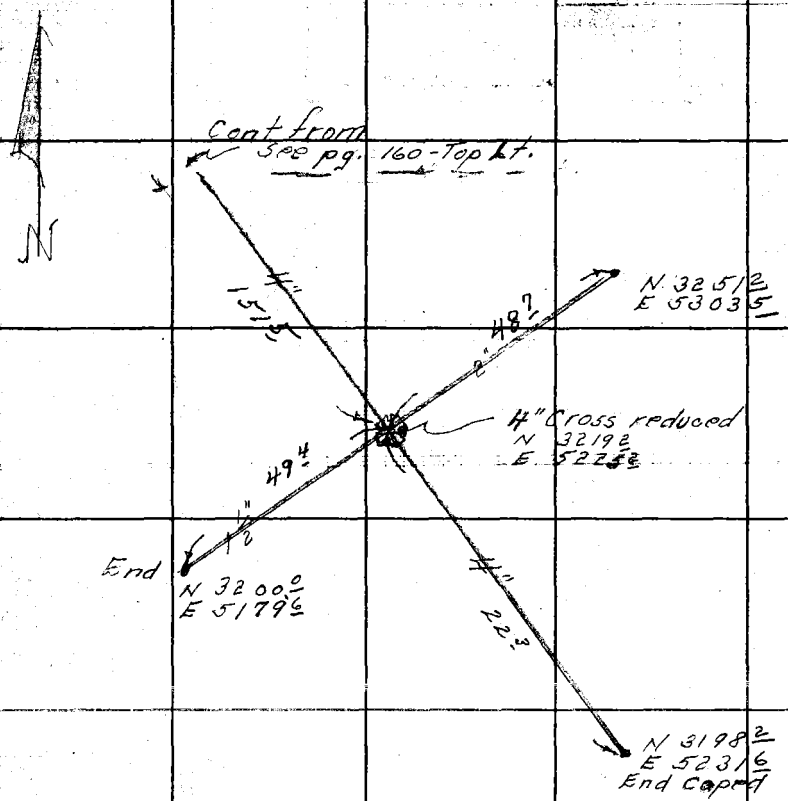
TOPSCOBB 247 2-51

F.B. 1699 PG. 162



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723 LOS ANGELES COUNTY
ENGINEERING BLDG.

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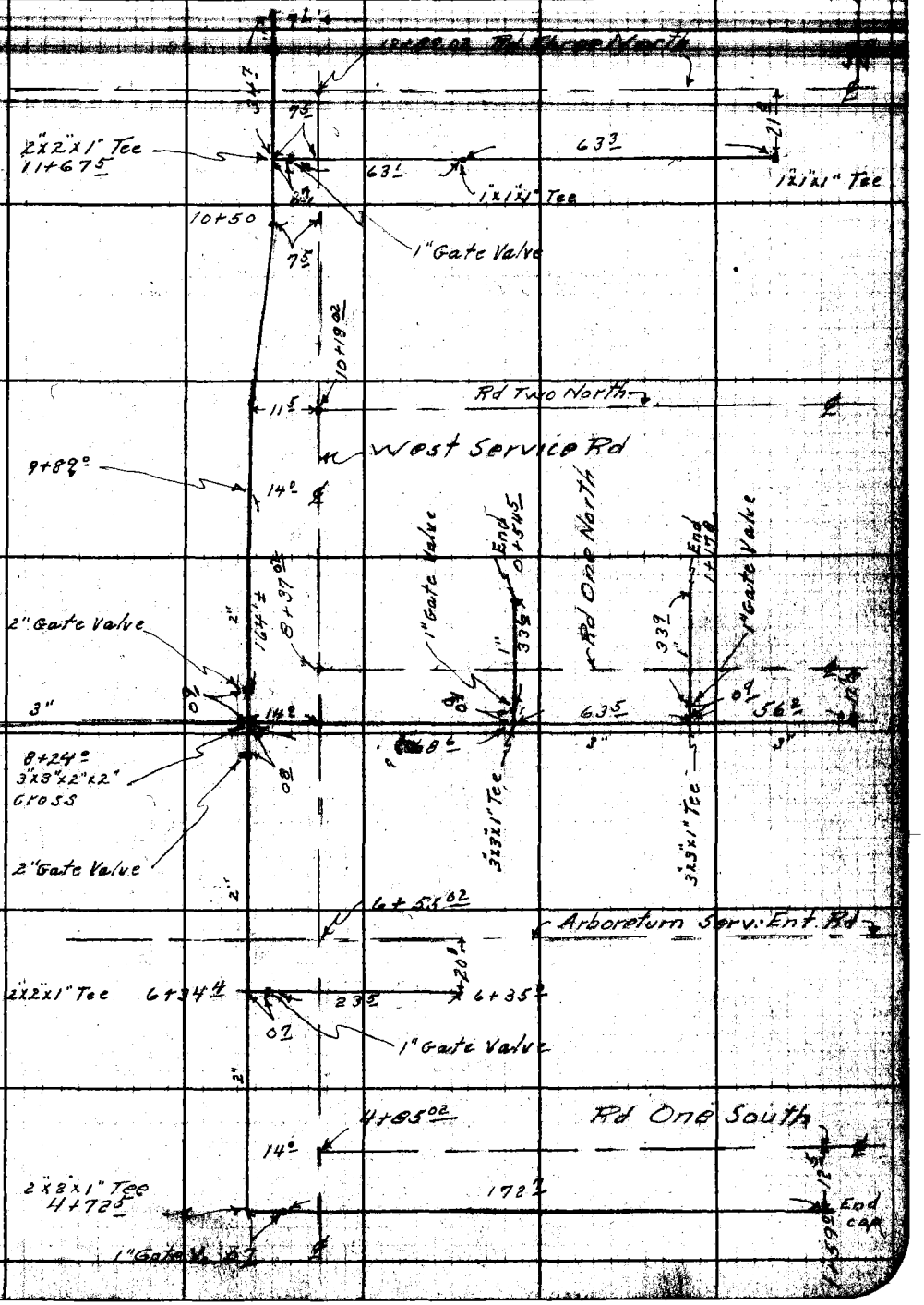
Map No.	W. O. 5122 Tape No. St'd. °F
Office Work SE	Surveyed by D.E. Holmes
Checked	Notes A.R.B. Date 9-13-52
Date	Indexed C. Johnson

Arboretum

F.B. 1619 PG. 163



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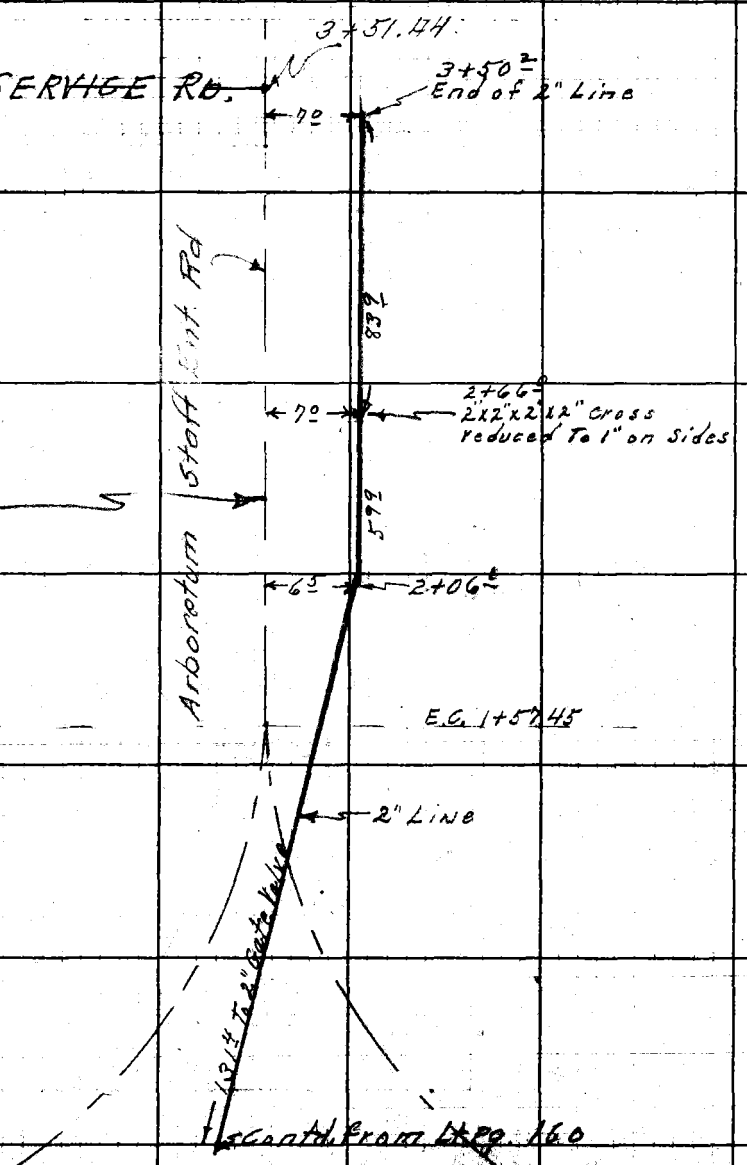
720 LOS ANGELES COUNTY
ENGINEERING BLDG.

78F3095 247 2-51

F.B. 1619 Pg. 164



Contd. from Pg. 160

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725 LOS ANGELES COUNTY
ENGINEERING BLDG.
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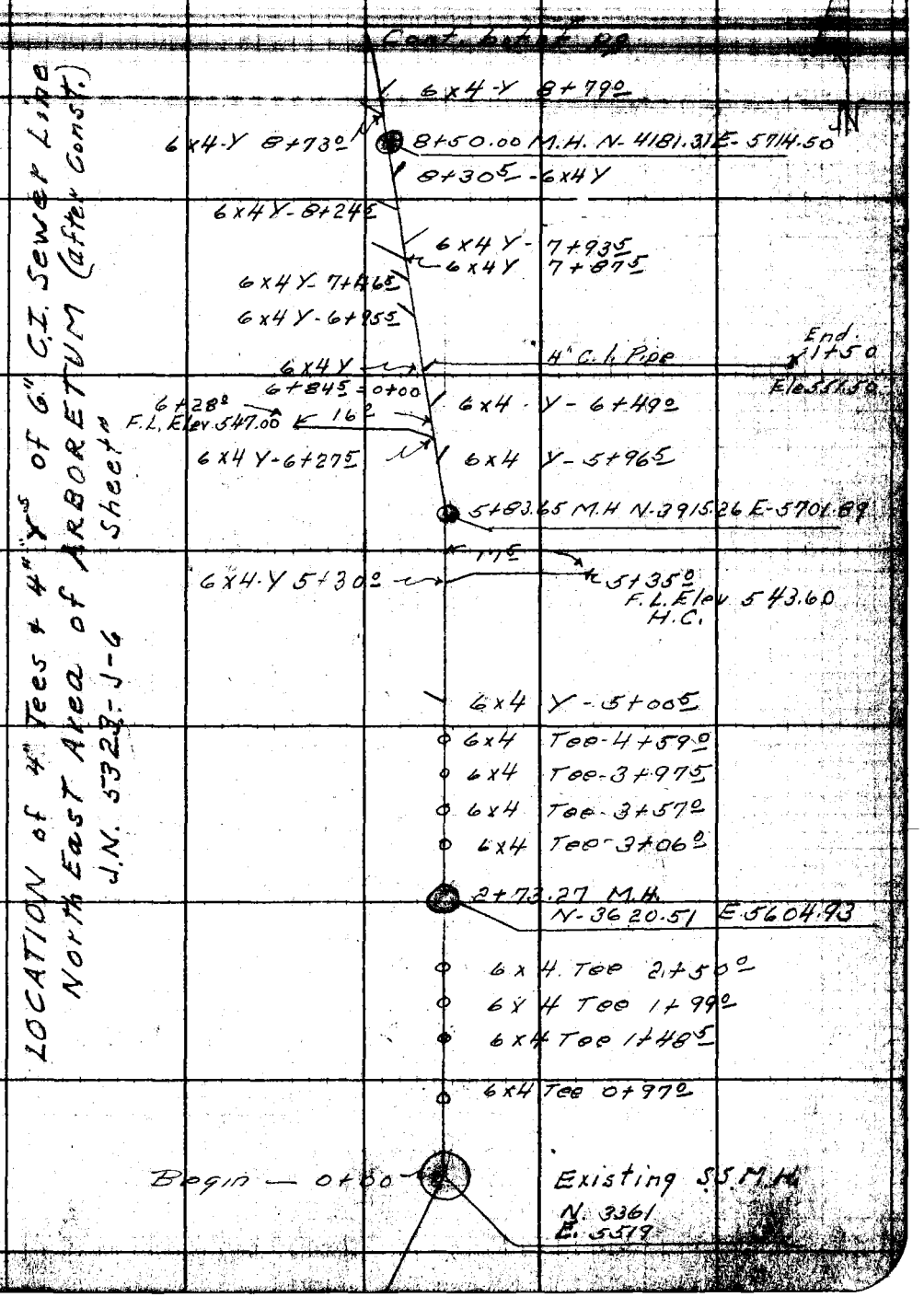
Notes Chk'd by	Survey of Arboretum
Map No.	W. O. 5323 Tape No. St'd. °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date 9-4-52
Date	Indexed C. Johnson 2-17-53

F.B. 1679 PG. 168



LOCATION of 4" Tees & 4" Y's of 6" C.I. Sewer Line
North East Area of ARBORETUM (after Const.)
J.N. 5323-J-6 Sheet

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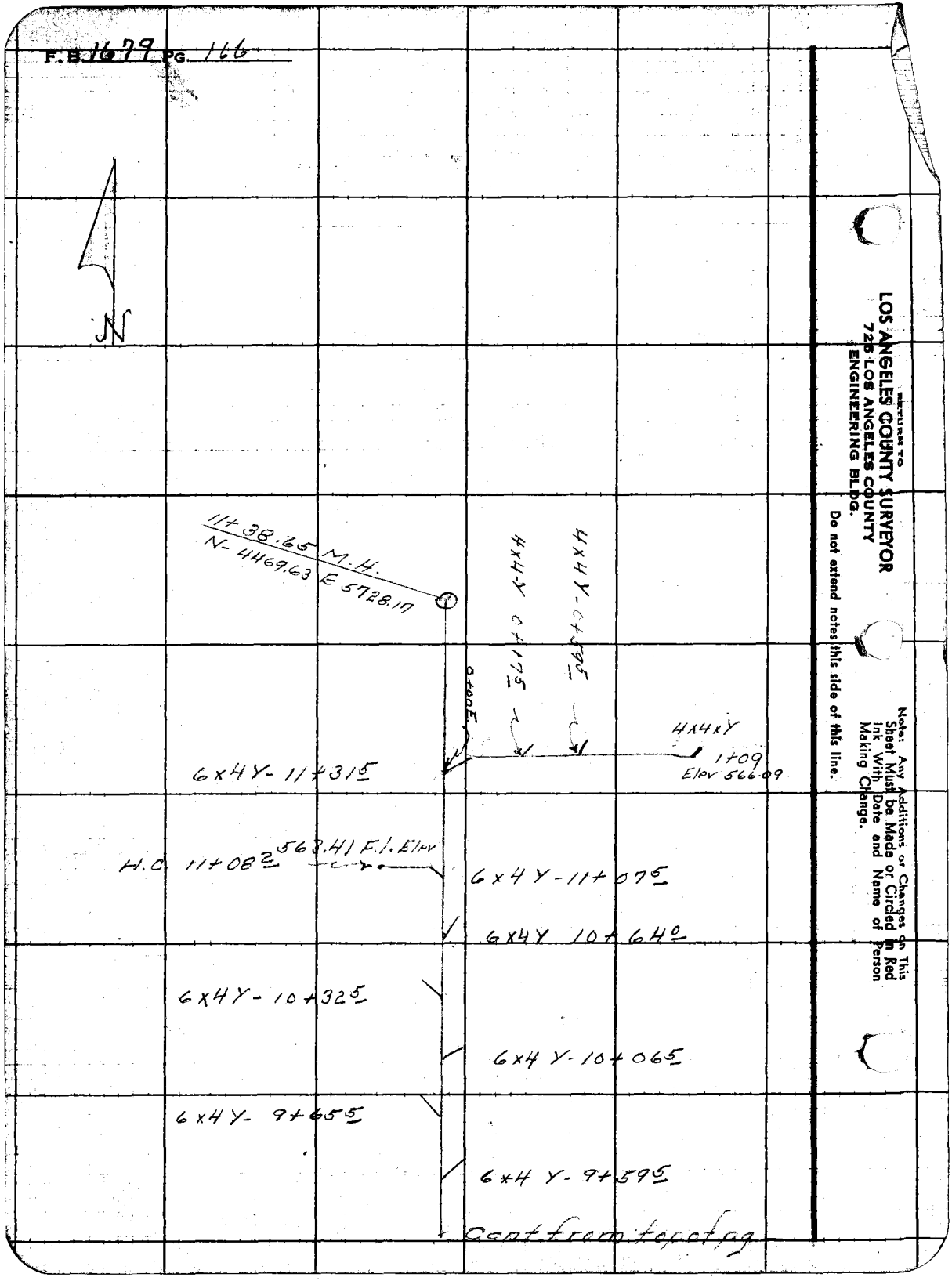
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

TEP3098 247 2-51

F.B. 1679 PG. 166



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728 LOS ANGELES COUNTY
ENGINEERING BLDG.
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76F3095 247 2-51

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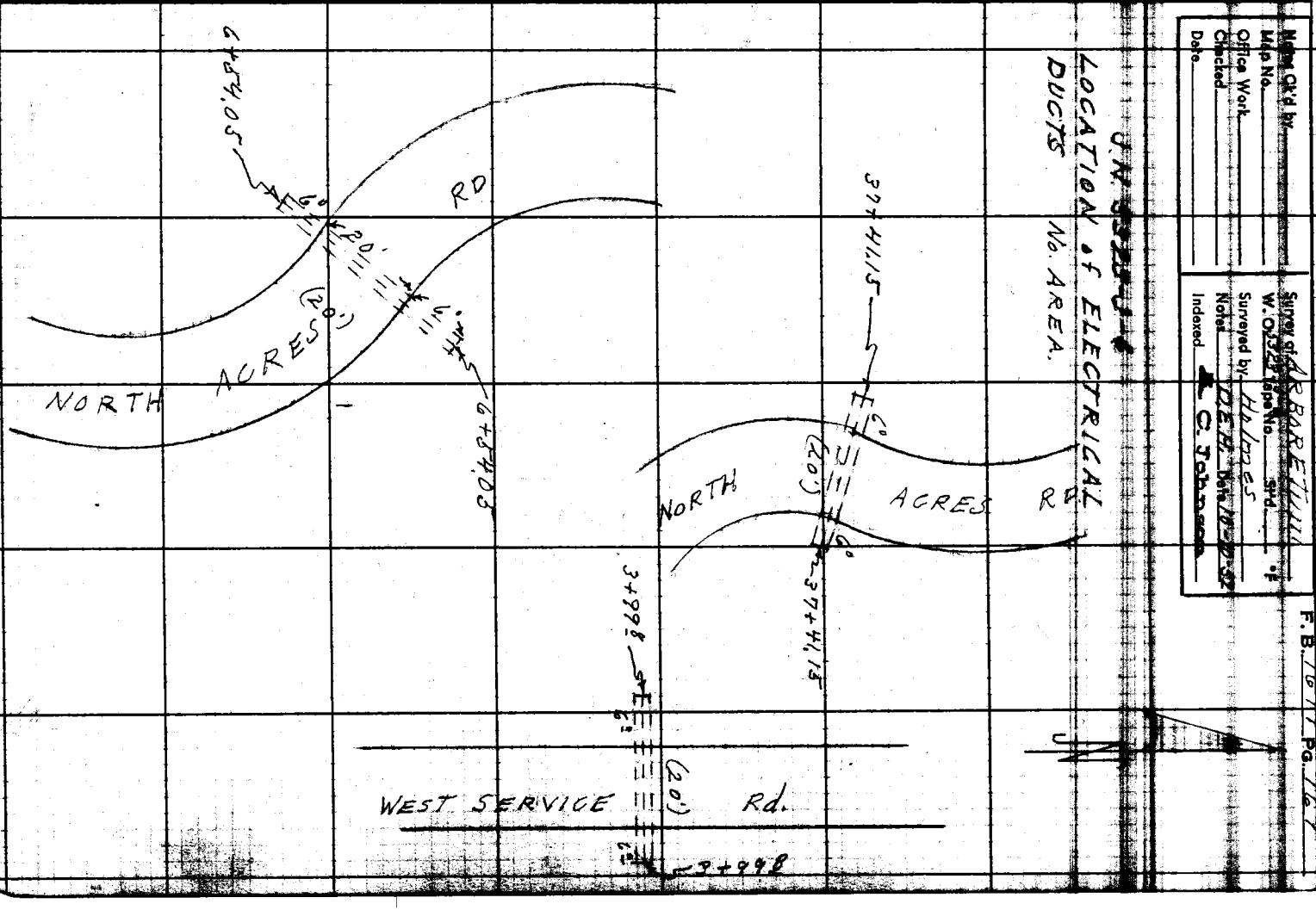

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F. B. _____ PG. _____

76L298 307 5-49

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

"J. N. 5323-L."

"ARBORETUM"

Elev's on Cross Sections and Grade's for Construction on Parking Area West of Baldwin Ave

Note:-
1x2 Stakes 40° Rt & 40 Lt = Finish Grade Elv.
1x1 ℄ & 17 Lt. = Sub Grade Elv. (Finish Gr - 0.67)
Ground 35' Rt & 35' Lt. " " " "
Curbs staked 3° offset. To Top Curb Elv.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-L Division No. ____ F.B. 1679 PG. 169
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Date ____ Checked ____ Survey by D.E. Holmes Notes A.R.B. Date 10-29-52
Map No. ____ Date ____ Date ____ Indexed C. Johnson Date 2-17-53

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
					Elev 587.16 F.B. 1679 pg-13 Bt. spk in Base			
	3 99	591 15		587.16	of 24" Oak (N. side) 155± S. of N.E. fence Cor #34			
			7 66	583 49	Fd. L & T. Top of cb. W-side Baldwin Ave 10' N			
					of ℄ Oxford Drive Prod.			
0+00			4 00	587 15				℄ int Baldwin Av
0+42 3			5 38	585 77				Fl. existing gut
0+55 5±			4 90	586 25				15° Rt Bt of Cb
" "			4 17	586 98				" " Tp of Cb
0+70 5			5 81	585 34				End apron ℄.
0+75			5 8	585 4				gr.
" "			4 5	586 7	585.68 Gut.	C-1.0		15 Rt. gr.
" "			4 30	586 85	586.35 T.C.	C-0.50		18" 1x2
0+91±			7 09	584 06				20° Lt. Gut "existing"
" "			6 44	584 71				T.Cb. " "
1+00			5 45	585 70	584.71 ℄.	C-0.99		1x1 ℄.
" "			4 5	586 7	585.10 gut	C-1.6		15 Rt gr.
" "			4 38	586 77	585.77 T.cb.	C-1.0		18 " 1x2
" "			6 2	585 0	584.28 gut	C-0.7		16 Lt. gr.
" "			6 20	584 95	584.95 T.cb	C-0.0		19 " 1x2
B.C. 1+05 71			5 50	585 65				
			4 6	586 6				15 Rt gr
			4 49	586 26				18 Rt 1x2
1+16 35			4 8	586 4				15 " gr.

F.B. 1679 Pg. 170
Job No. 5323-L Division No.
Survey of Arboretum
Survey by Notes
Indexed R. C. Johnson Date
Notes Red. Plotted No.
Date Date X-Sec.
Notes Chkd. Checked No.
Date Date

76L298 307 5-49

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cuts	Fill	Remarks
		591 15						
1+16.35			472	586 43	585.43 T.cb	C-1.0		18 Rt 1x2
" "			60	585 2	583.83 gut	C-1.4		15 Lt. gr.
" "			609	585 06	584.56 T.cb	C-0.50		18 " 1x2
1+25			572	585 43	584.12	C-1.31		℄ 1x1
" "			54	585 8	584.57 gut	C-1.2		15 Rt gr.
" "			542	585 73	585.24 T.c.	C-0.49		18 " 1x2 (gr.)
1+26.5±			64	584 8				end Cb. R 20± Lt
" "			639	584 76	584.25 T.c.	C-0.51		" " 1x2 3° off set
1+29.5±			57	585 5	584.53 gut	C-1.0		15° Rt gr
" "			545	585 70	585.20 T.c	C-0.5		18° " 1x2 end Cb R.
1+32±			58	585 4				19° " gr.
" "			546	585 69				19° Rt 3° off set 1
1+33.20 E.C			611	585 04	583.32	C-1.72		℄ 1x2
" "			56	585 6	84.47	C-1.2		35 Rt gr.
" "			548	585 67	85.14	C-0.53		40 " 1x2
" "			52	586 0				55 " fence
" "			63	584 9	82.77	C-2.1		17 Lt 1x1
" "			691	584 24	83.13	C-1.11		35 Lt 1x2
" "			665	584 50	83.80	C-0.70		40 " 1x2
" "			767	583 48				55 " T.C

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5322-1 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Arbaretum
Notes Chkd. ____ Checked ____ Survey by D.E. Holmes Notes A Date ____
Date ____ Date ____ Map No. ____ Date ____ Date ____

F.B. 1679 PG. 191

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cuts	Fill	Remarks
		591 15						
1+50			6 72	58[illegible] 43	582.58	C-1.85		℄ 1x1
" "			6 2	58[illegible]	83.73	C-1.3		35 Rt gr.
" "			6 09	58[illegible] 06	84.40	C-0.66		40 " 1x1
" "			58	58[illegible] 4				55 " fence l.
" "			6 8	58[illegible]	82.03	C-2.4		17 Lt 1x1
" "			7 6	58[illegible]				28 " Brk
			7 8	58[illegible]	82.39	C-1.0		35 " gr
			7 92	58[illegible] 3	83.06	C-0.17		40 " 1x2
			8 46	58[illegible] 7				55 " T.C.
2+00			8 61	58[illegible] 4	80.42	C-2.12		℄ 1x1
" "			8 5	58[illegible] 7	81.57	C-1.1		35 Rt gr
" "			8 40	58[illegible] 15	82.24	C-0.51		40 " 1x1
" "			7 7	58[illegible]				55 " fence l.
" "			8 7	58[illegible]	79.87	C-2.6		17 Lt 1x1
" "			8 8	58[illegible]				21 " Brk
" "			9 9	581 3				26 " "
" "			10 3	58[illegible] 7	80.23	C-0.7		35 " gr
			10 34	58[illegible]	80.90		F0.09	40 " 1x2
			10 65	58[illegible] 50				55 " T.C
2+50			10 74	58[illegible] 41	78.25	C-2.16		℄ 1x1

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No.
Job No.
Survey of
Survey by
Index L. C. Johnson
Notes Date
F.B. 1679 Pg. 172

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cuts	Fill	Remarks
		591 15						
2+50			102	581 0	579.40	C-1.6		35 Rt
" "			997	581 18	80.07	C. 1.11		40 " LXL
" "			97	581 5				55 " fence
" "			1082	580 33	77.70	C-2.63		17 Lt 1XL Brk
" "			121	579 1				26 " gr
" "			124	578 88	78.06	C-0.7		35 " gr
" "			1241	578 74	78.73	C-0.01		40 " 1XL
2+50			1284	578 31				55 " F.C.
T.P. 1X1			1073	580 42				
	008	580 50						
3+00			336	577 14	76.07	C-1.07		4 1X1
" "			27	577 8	77.22	C-0.6		35 Rt br gr
" "			192	578 58	77.89	C-0.69		40 " 1X1
" "			14	579 1				42 " brk gr
" "			11	579 4				55 " fence
" "			356	576 94	75.52	C-1.42		17 Lt 1X1
" "			38	576 7	75.88	C-0.8		35 " gr
" "			376	576 74	76.55	C-0.19		40 " 1X1
			438	576 12				55 " F.C.
3+50			518	575 32	73.98	C-1.34		4 1X1

Profile No. ____ Notes Red ____ Plotted ____ Job No. 5323-L Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Arbor Lum Notes ____ Date ____
Survey by D.E. Holmes Map No. ____ Index Reference ____ Date ____

F.B. 1609 PG. 123

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	
		580 50						
3+50			48	575 [illegible]	575.13	C-0.6		35 Rt. gr
" "			465	575 85	75.80	C 0.05		40 " 1x1 brk
" "			31	577 4				44 " Brk
" "			25	573 0				55 " fence l.
" "			567	574 83	73.43	C-1.40		17 Lt. 1x1
" "			57	574 3	73.79	C-1.0		35 " gr
" "			572	574 78	74.46	C-0.32		40 " 1x2
" "			639	574 1				55° T.C.
4+00			693	573 57	72.17	C-1.40		℄. 1x1
" "			70	573 5				17° Rt
" "			697	573 53	73.32	C-0.21		35 " gr.
" "			698	573 52	73.99		F-0 47	40 " 1x1 Brk
" "			48	575 7				45 " gr. "
" "			48	575 7				55 " fence line
" "			750	573 0	71.62	C-1.4		17° Lt 1x1
" "			78	572 1	71.98	C-0.7		35° "
" "			783	572 67	72.65	C-0.02		40 " 1x2
" "			823	572 27				55° " T.C
T.P. 4+00 1x1			693	573 57				
" "	053	574 10						

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No.
Job No.
Survey of
Survey by Notes Date
Indexed E. C. Johnson
Pg. 174

76L298 307 4-50

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
		574.10						
4+50			2.13	571.97	570.36	C-1.61.		℄ 1X1
" "			2.4	571.7	71.51	C-0.2		35 Rt
" "			2.43	571.67	72.18		F-0.51.	40 "
" "			2.5	571.6				42 " Brk
" "			0.4	573.7				46 " "
" "			0.3	573.8				55 " "
" "			2.83	571.27	69.81	C-1.46.		17 Lt 1X1
" "			3.0	571.1	70.17	C-0.9		35 " gr.
" "			3.12	570.98	70.84	C-0.14.		40 " 1X2
" "			3.62	570.48				55 " T.C.
5+00			4.30	569.80	68.55	C-1.25.		℄ 1X1
" "			4.0	570.1	69.70	C-0.4		35 Rt. gr.
" "			4.08	570.02	70.37		F-0.35.	40 " 1X1 Brk
" "			2.0	572.1				46 "
" "			1.8	572.3				55 " fence line
" "			4.75	569.35	68.00	C-1.35.		17 Lt. 1X1
" "			5.0	569.1	68.36	C-0.7		35 " gr.
" "			5.31	568.79	69.03		F-0.24.	40 " 1X2
" "			5.46	568.64				55 " T.C.
5+50			5.15	568.95	68.33	C-0.62.		℄ 1X1

Profile Notes Red. ____ Plotted ____ Job No. 5327-1 Division No. ____ F. B. 1679 Pg. 175
No. ____ Date ____ Date ____ Survey of Arboretum
X-Sec. Notes Chkd. ____ Checked ____ Survey by D.E. Holmes Notes A.P.R. Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F. B. 1679 Pg. 176 | Job No. | Division No. | Notes Red. | Plotted | Profile
Survey of | Date | Date | No.
Survey by | Notes | Notes Chkd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
		574.10						
5+50			4.1	570.0	569.18	C-0.8		35 Rt. gr.
" "			4.03	570.07	69.85	C-0.22		40 " 1x1. end Brk
" "			3.3	570.8				55 " fence line
" "			5.95	568.15	67.33	C-0.82		17 Lt. 1x1
" "			6.9	567.2				28 " Brk. gr.
" "			7.0	567.1	67.75		F0.7	35 " gr
" "			7.38	567.02	68.42		F.1.40	40 " 1x2
" "			7.32	566.78				55 " T.C.
6+00			7.80	566.30	64.92	C-1.38		℄ 1x1
" "			7.1	567.0	66.07	C-0.9		35 Rt. gr Begin. Brk
" "			6.15	567.95	66.74	C-1.21		40 " 1x1
" "			5.9	568.2				42 " "
" "			5.6	568.5				55 " fenceline
" "			8.04	566.06	64.37	C-1.69		17 Lt. 1x1
" "			8.6	565.5	64.73	C-0.8		35 " gr
" "			8.72	565.38	65.40		F0.02	40 " 1x2
" "			9.11	564.99				55 " T.C.
6+50			9.54	564.56	63.11	C-1.45		℄ 1x1
" "			8.7	565.4	64.26	C-1.1		35 Rt.
" "			8.60	565.50	64.93	C-0.57		40 " 1x1

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
		57H10						
6+50			86	565.5				43 Rt. Brk
" "			76	566.5				49 " Top Brk
" "			74	566.7				55 " fence line
" "			9.84	564.26	562.56	C-1.70		17 Lt. 1x1
" "			104	563.7	62.92	C-0.8		35 " 9T
" "			10.27	563.83	63.59	C-0.24		40 " 1x2
" "			10.88	563.22				55 " T.C.
6+63.20	"		9.95	564.15	62.64	C-1.51		℄ 1x1
			~~95~~	~~5646~~				~~35 Rt~~
" "			9.38	564.72				40 " 1x1
" "			93	564.8				43 " Brk
" "			83	565.8				48 " "
" "			81	566.0				55 " Fence line
" "			10.36	563.74	62.09	C-1.65		17 Lt. 1x1
" "			10.9	563.2	62.45	C-0.7		35 " 9T
" "			10.71	563.39	63.12	C-0.27		40 " 1x2
" "			11.25	562.85				55 " T.C.
B.M.			10.92	563.18				Set B+ spikin Top of Ch. 5 Lt Stat. 6+51. (See F.B. 1845-191) for new Elv.
	2.74	565.92						
6+66±			2.4	63.5				21 Lt B.C. [illegible]

Profile Notes Red ____ Plotted ____ Job No. 5723-Division No. ____ F. B. 1678 Pg. 107
No. ____ Date ____ Date ____ Survey of Arboretum
Sec. ____ Notes Chkd ____ Checked ____ Survey by D.E. Helmer Notes D.E.H. Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 4-50

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

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
6+68.20		56592	1 19	56[illegible] 73	564.28	C-0.45		1"x2" 40' Rt.
6+69±			274	563 18	563.18	Gr.		1x2. 3° offset
6+72.5±			27	63 2				18 Lt. gr. P.C.C.
6+70±			270	63 22	563.22	Gr.		1x2 P.C.C. 3° offset
6+70±			16	64 3				21° Rt. gr.
6+73±			204	63 88	63.88	Gr.		21.5 " B.C.R 1x2 3° off.
6+77±			22	63 7				18° Rt gr. P.C.C.
6+75±			232	63 60	63.60	Gr.		20° " ± 3° offset 1x2
6+80±			32	62 7				25° Lt. 2/A gr.
6+77±			308	62 84	62.84	Gr.		26 Lt 2/A 1x2
6+86±			22	63 7				25 Rt gr.
6+83±			230	63 62	63.62	Gr.		26.5 " 3° offset 1x2
6+88.20			264	62 28	61.77	C-1.51		℄ 1x1
6+88.20			22	63 7				35 Rt. gr.
6+85.20			228	63 64	63.64	Gr.		35 Rt. 1x2 3° offset
6+88.20			310	62 82	61.63	C-1.19		17 Lt 1x1
6+98.20			291	63 01	61.30	C-1.71		℄ 1x1
" "			262	63 30	61.97			35 Rt. 1x1
" "			322	62 70	61.18	C-1.52		17 Lt. 1x2
7+08.20			340	62 52	61.65	C-0.87		℄ 1x1
			30	62 9				35 Rt gr.

F. B. 1679 Pg. 178
Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
		565 92						
7+11 20			2 28	563 64	563.64	Gr.		35 Rt 1X2
7+10 20			3 1	62 8				25° Rt. Gr. 2/4
7+14 20			2 87	63 05	63.05	Gr.		26° " 1X2 3° off. "
" " "			4 4	61 5				25 Lt Gr 2/4
7+19 0			4 41	61 51	61.51	Gr.		26 5 " 1X2 " 3° off.
7+17 0			3 7	62 2				17 Rt
7+19 5			3 47	62 45	62.45	Gr.		20 " 1X2
7+26			3 8	62 1				21 Rt
7+23			3 61	62 31	62.31	Gr.		21 5 Rt 1X1 P.R.C. 3° off.
7+24 0			4 5	61 4				17 Lt gr P.R.C.
7+25 5			4 25	61 67	61.67	Gr.		20 Lt 1X1 P.R.C. 3° off.
7+32 ±			4 9	61 0				21 Lt P.R.C. gr
7+28 ±			4 69	61 23	61.23	Gr.		21 5 " " " 1X1 3° off.
7+28 20			3 7	62 2	61.48			35 Rt gr
" "			3 68	62 24	62.10	C-0.14		40 " 1X1
7+33 20			4 55	61 37	60.10	C-1.27		2 1X1
" " "			4 89	61 03	59.73	C-1.30		17 Lt 1X1
" "			5 1	60 8	59.91			35 " gr
			5 14	60 78	60.58	C-0.20		40 " 1X1
7+50			5 19	60 73	59.49	C-1.24		2 1X1

Profile No. 2 Sec. Date
Notes Red. Notes Chkd. Date
Plotted Date
Checked Date
Job No. 5323-L Division No.
Survey of Airport Drive
Survey by
Map No. Indexed Date
Book Page
F. B. 1679 Pg. 179

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 1679 Pg. 180 | Job No. | Division No. | Notes Red. | Plotted | Profile
Date | Date | No.
Survey of | Notes Chkd. | Checked | X-Sec.
Date | Date | No.
Survey by | Notes | Date
Indexed E. C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
		56592						
7+50			45	614	560.64			35 Rt gr
" "			445	6147	61.31	C-0.16		40 " 1X1
			44	615				42 " Brk gr
			27	632				46 " "
			25	634				55 " fence line
			559	6033	58.94	C-1.39		17 Lt 1X1
			57	602	59.30			35 "
			564	6028	59.97	C-0.31		40 " 1X1
			631	5961				55 " T.C.
8+00			711	5881	57.68	C-1.13		℄ 1X1
			63	596	58.83			35 Rt gr
			635	5957	59.50	C-0.07		40 " 1X1 Brk
			46	613				49 " gr. "
			48	61[illegible]				55 " fence line
			750	5842	57.13	C-1.29		17 Lt 1X1
			78	5[illegible]	57.49			35 " gr
			713	58[illegible]9	58.16	C-0.03		40 " 1X1
			814	5778				55 " T.C.
8+50			879	5713	55.87	C-1.26		℄ 1X1
" "			83	576	57.02			35 Rt

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
		565 92						
8+50			8 12	557 80	557.69	C-0.11		40 Rt 1x1 bot. Brk
			6 6	559 3				47 " gr Brk
			6 7	559 2				55 " fence line
			8 88	557 04	55.32	C-1.72		17 Lt 1x1
			9 5	556 4	55.68			35 Lt gr
			9 57	556 35	56.35	Gr.		40 " 1x1
			9 95	555 97				55 " T.C.
9+00			10 53	555 39	54.05	C-1.34		℄ - 1x1
			10 0	555 9	55.20			35 Rt gr
			9 77	556 15	55.87	C-0.28		40 " Brk
			8 2	557 7				48 "
			7 9	558 0				55 " fence line
			10 80	555 12	53.50	C-1.62		17 Lt 1x1
			11 5	554 4	53.86			35 " gr
			11 68	554 24	54.53		F-0.29	40 " 1x1
			11 75	554 17				55 " T.C.
9+00 T.P. 1x1			10 51	555 41				
	0 47	555 88						
9+50			2 15	553 73	52.24	C-1.49		℄ - 1x1
			1 6	554 3	53.39			35 Rt gr

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 5323 L Division No. ____ F. B. 1679 Pg. 180

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by D.E. Holmes Notes ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cuts	Fills	Remarks
		555.88						
9+50			16	554.3				38 Rt Brk gr
			130	554.58	554.06	C-0.52		40 " 1X1
			+01	556.0				46 " Brk gr.
			+03	556.2				55 " fence line
			267	553.31	51.69	C-1.52		17 Lt 1X1
			31	556.8	52.05			35 " gr
			311	552.77	52.72	C-0.05		40 " 1X1
			352	552.36				55 " T.C.
10+00			415	551.73	50.43	C 1.30		℄ 1X1
			35	552.4	51.58			35 Rt gr
			34	552.5				38 " Brk gr
			284	553.04	52.25	C-0.79		40 " 1X1
			11	554.8				47 " Brk
			10	554.7				55 " fence line
			455	551.33	49.88	C-1.45		17 Lt 1X1
			47	551.2	50.24			35 "
			480	551.08	50.91	C-0.17		40 " 1X1
			530	550.58				55 " T.C.
10+50			578	550.10	48.58	C-1.52		℄ 1X1
" "			55	550.4	49.73			35 Rt gr

F. B. 1679 Pg. 182
Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of ____ Date ____ Notes Chkd. ____ Date ____ No. ____ X-Sec.
Survey by ____ Notes ____ Checked ____ Date ____ No. ____
Indexed L. C. Johnson Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
		555.88						
10+50			54	550.5				38 Rt BrK
			49.1	550.97	550.40	C-0.57		40 " 1X1
			31	552.8				47 " BrK
			29	553.0				55 " fence line
			64.8	549.40	48.03	C-1.37		17 Lt. 1X1
			67	549.2	48.39			35 " 9"
			68.3	549.05	49.06		F-0.01	40 " 1X1
			71.3	548.75				55 " T.C.
11+00			78.6	548.02	46.58	C-1.44		℄ 1X1
			72	548.7	47.73			35 Rt 9"
			72	548.7				36 " BrK
			63.8	549.50	48.40	C-1.10		40 " 1X1
			45	551.4				47 " BrK
			44	551.5				55 fence line
			82.4	547.64	46.03	C-1.61		17 Lt. 1X1
			84	547.5	46.39			35 " 9"
			85.1	547.37	47.06	C-0.31		40 " 1X1
			91.1	546.77				55 " T.C.
11+50			100.0	545.88	44.58	C-1.30		℄ 1X1
			90	546.9	45.73			35 Rt 9"

Profile Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 5323-L Division No. ____ No. ____ Misc. Notes Chkd ____ Date ____ Checked ____ Date ____ Survey of Flood Ctrl Survey by D.E. Holmes Notes J.T. Date ____ Map No. ____ Inked Tobias Date ____

F. B. 1678 Pg. 187

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
		555 88						
11+50			88	5471				37 Rt. Brk
			810	54778	546.40	C-1.38		40 " 1x1
			63	5496				46 " Brk
			60	5499				55 " fenceline
			1028	54560	44.03	C-1.57		17 Lt 1x1
			107	5452	44.39			35 " gr
			1064	54524	45.06	C-0.18		40 " 1x1
			1115	54473				55 " T.C.
11+50 TIP 1x1			1000	54588				
	187	547 75						
11+86 53			340	54435				℄ 1x1
			23	5455				35 Rt gr. Brk
			114	54661				40 " 1x1
			+03	5481				46 " gr Brk
			+04	5482				55 " fenceline
			348	54427				17 Lt 1x1
			41	54[illegible]7				35 " gr
			431	54[illegible]44				40 " 1x1
			451	54[illegible]26				55 " T.C.
R.M. (see F.B. 1845-191 for new Elv.)			922	53[illegible]53	Set Bt spk in L. 10 N. of N. Cb. R. W. side of Baldwin Ave 47 E of Stat 13+03			

F. B. 1679 Pg. 184
Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No.
Survey by C. Johnson Notes Chkd. Checked X-Sec.
Indexed Date Date No.

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cuts	Fill	Remarks
B.M.	866	547 19		538 53				
12+00			350	543 69	542.56	C-1.13		℄ - 1x1
			23	5449	43.71			35 Rt. Brk gr.
			136	545 83	44.38	C-1.45		40 " 1x1
			+03	5475				46 " Brk
			+05	5477				55 " fence line
			355	543 64	42.01	C-1.63		17 Lt 1x1
			40	5432	42.37			35 " gr
			417	543 02	43.04		F.0.02	40 " 1x2
			448	542 71				55 " T.C.
12+50			530	541 89	40.43	C-1.46		℄ 1x1
			41	5431	41.58			35 Rt Brk
			318	544 01	42.25	C-1.76		40 " 1x1
			20	5452				44 " Brk
			16	5456				54 " fence line
			576	541 43	39.88	C-1.55		17 Lt 1x1
			63	5409	40.24			35 " gr
			630	540 89	40.91		F.0.02	40 " 1x1
			663	540 56				55 " T.C.
13+00			742	539 77	38.37	C-1.40		℄ 1x1

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-L Division No. ____ F.B. 479 PG. 185
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by D. E. Horner Notes A.B.B. Date 11-3-52
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 307 5-49

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cuts	Fills	Remarks
		54719						
13+00			62	541 0				31 Rt Brk
			53	541 9	539.52			35 " S-cut
			410	543 09	40.19	C-2.90		40 1x1 Brk
			36	543 6				53 " fenceline
			80	539 2	38.18			35 Lt gr
			820	538 99	38.85	C-0.14		40 " 1x2
			869	538 50				55 " T.C.
13+08.95			758	539 61	38.00	C-1.61		℄ 1x1
(see bot pg for Sections)			805	539 14	37.45	C-1.69		17 Lt. 1x1
13+18.36			799	539 20				℄ - 1x1
			70	540 2	38.78	C-		30 Rt Brk gr.
			57	541 5				35 " side of cut
			488	542 31	39.45	C-2.86		40 " 1x1
			47	542 5				47 " fenceline
13+13 ±			83	538 9				22 Lt gr P.R.C
13+15.4 ±			849	538 70	38.10	C-0.60		23± " 1x1 3° offset.
13+18 ±			840	538 49	38.02	C-0.72		21.5 " 3° offset P.C.C - 1x1
13+19 ±			850	538 69				19.5 " gr. P.C.C.
13+22 ±			886	538 33	37.95	C-0.38		29 " 1x1 3° off ½ Δ
13+24 ±			901	538 18				28 " gr "

F.B. 1679 PG. 186
Job No. 5323-L Division No. Notes Red. Plotted Profile
Survey of Arboretum Date Date No.
Survey by D.E. Holmes Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

76L298 307 5-49

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cuts	Fill.	
		547.19						
13+25			931	537.88				38 Lt. Tp of existing Cb
" "			994	537.25				" " out " "
13+21 ±			75	539.7				19 RT gr P.R.C.
13+24 ±			742	539.77	539.25	C-0.52		19 ± " 3% Hset in P.R.C.
" "			77	539.5				15 RT gr. P.C.C.
13+25 ±			762	539.57	39.18	C-0.39		18 " 3% Hset in P.C.C.
13+38 ±			805	539.14	39.14	Gr.		20 ± " " " 1/2 A XVI
13+39 ±			83	538.9				18 ± " gr 1/2 A
13+49.09			679	540.40	39.09	C-1.31		32 ± " EC.R. in 3% [illegible]
13+52.09			70	540.2				31 ± " " " gr
								Center of Existing Apr
			1061	536.58				W. edge (Sta [illegible])
			1124	535.95				out. S.W. and [illegible] apr
			1060	536.59				Tp. Cb " " "
13+08.95			83	538.9	37.81	-		35 Lt gr
" "			843	538.76	38.48	C-0.28		40 "
" "			902	538.17				55 " Tp of Cb B.C.R.
B.M.			866	538.53	Elev. 538.53	See Pg 184		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5322 Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey of Arbaretum Survey by ____ Map No. ____ Notes Index Date ____
Date ____ Date ____ Date ____ Date ____ Date ____

F.B. 1679 PG. 187

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cuts	Fills	Remarks
B.M.	2 53	541 06		538 53	Elev 538.53		Bt spk in Lead pg 184	
Following Stationing is Staff Ent. Rd. Produce East								
5+28 7			08	540 3			℄ gr. fence line	
			15	539 6			10 Rt gr.	
			02	540 9			10 - Lt gr.	
5+37 76			1 52	539 54	537.25 S.B.	C-2.29	℄. 1x1 Br1	
			14	539 7			10 Rt gr Tp of Brk	
			1 97	539 09	39.09 T.C.	GR	13 Rt 1x2	Blue Top.
			01	541 0			10 Lt gr Brk	
			066	540 40	39.09 T.C	C-1.31	13 " 1x1 "	
5+42			26	538 5			℄ gr	
			32	537 9			10 Rt gr	
			23	538 8			10 Lt	
5+57 76			3 06	538 00	36.37. Sub G	C-1.63	℄ 1x1	
			37	537 4			10 Rt gr	
			285	538 31	38.21 T.C	GR	13 " 1x1	" "
			260	538 46	36.87. Sub	C-1.59	10 Lt 1x1	
5+77 76			400	537 06	35.95. Sub	C-1.11	℄ 1x1	
			45	536 6			10 Rt	
			3 87	537 19	37.19 T.C.	Gr.	13 " 1x1	
			362	537 44	36.20. Sub	C1 .24	10 Lt 1x1	

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No.
Job No.
Survey of
Survey by
Indexed C. Johnson
Notes Date
F.B. 1679 PG. 188

76L298 307 4-50

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	Remarks
		541 06						
5+97 76			4 36	536 70				℄ 1x1
			5 11	535 95				10 Rt gut exist. ch
			4 48	536 58				" " Tp. ch.
			3 60	537 46	536.03 Sub	C-1.43		10 Lt. 1x1
B.M.			2 53	538 53			Elev. 538.53	Btsp tin Lead pg 184
	5 60	544 13						
T.P.			6 93	537 20				
	0 93	538 13						
T.B.M.			9 34	528 79	Elev. 528.78	pg-8	Tp of 1" I.P. (dn-8") N3400 & E5800	

Profile Notes Red. ____ Plotted ____ Job No. 5323 L Division No. ____ F. B. 1679 Pg. 189
No. ____ Date ____ Date ____ Survey of Arboretum
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

Bk. 7679 Pg. 190 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

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

Indexed | Date | Date | Date | No.

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

76L298 307

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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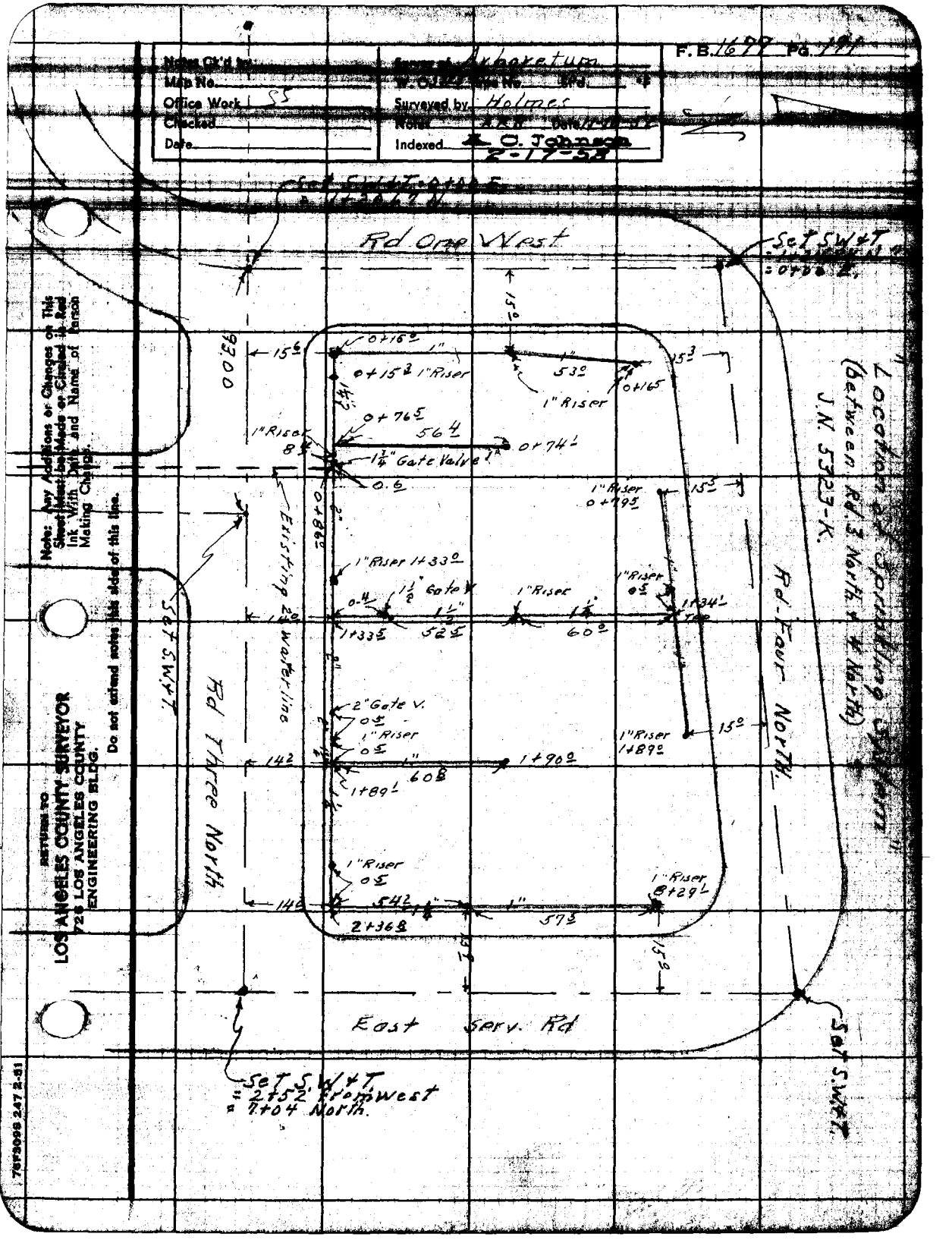
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.



Notes Ck'd by
Map No.
Office Work SS
Checked
Date
Source of Arboretum
Surveyed by Holmes
Indexed A. C. Johnson 2-17-58
F.B. 1699 Pg. 191
Rd One West
Set S.W.&T.
Rd Three North
Rd Four North
East Serv. Rd
Set S.W.&T.
Set S.W.&T.
Set S.W.&T.
= 2+52 from west
= 7+04 North.
Existing 2" Water line
93.00
Location of Sprinkling System
(between Rd. 3 North & 4 North)
J.N. 5323-K.
1" Riser
1¼" Gate Valve
1½" Gate V.
2" Gate V.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
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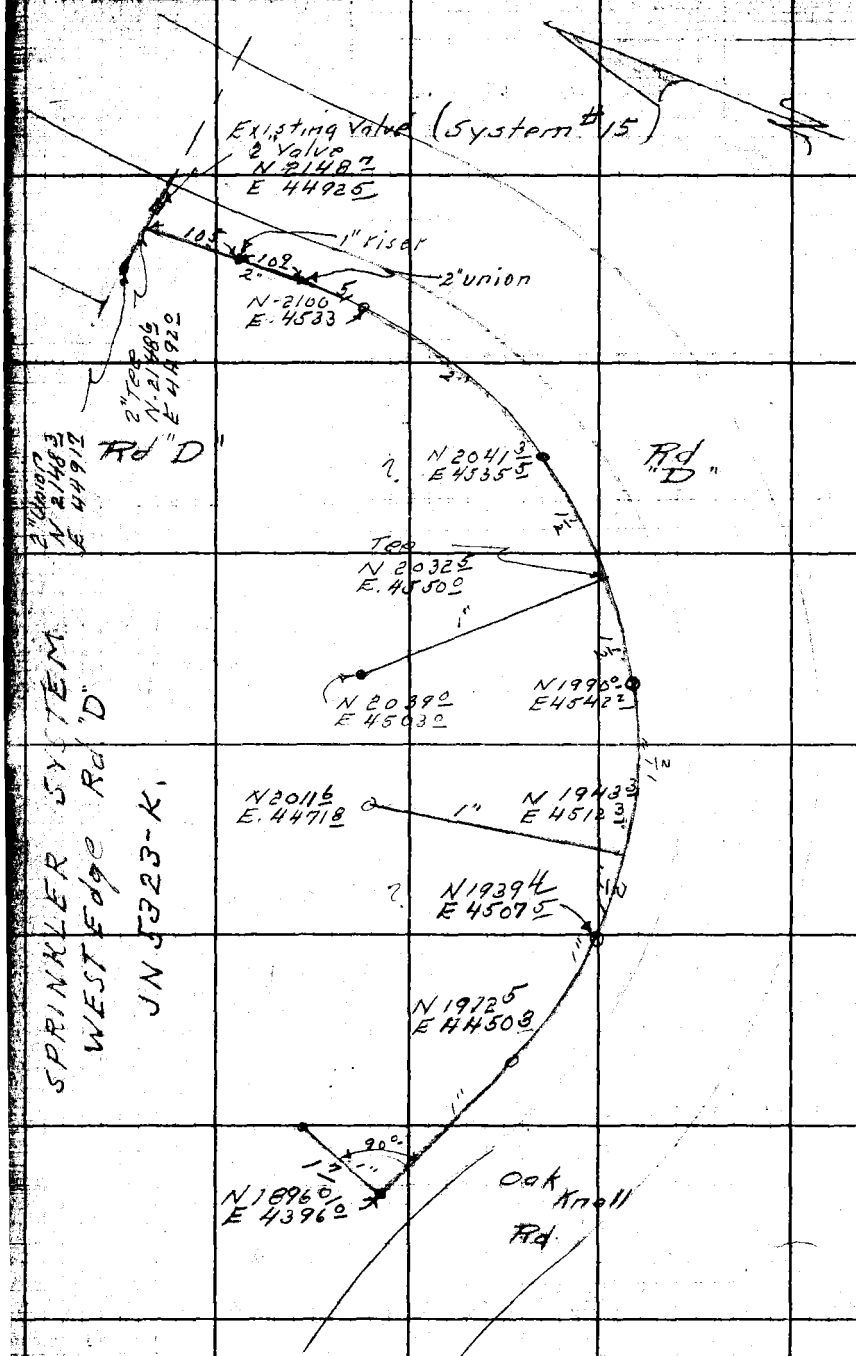
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
76F3098 247 2-51

F. B. 1699 Pg. 192



RETURN TO
LOS ANGELES COUNTY SURVEYOR
72B 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.

7013095 247 2-51

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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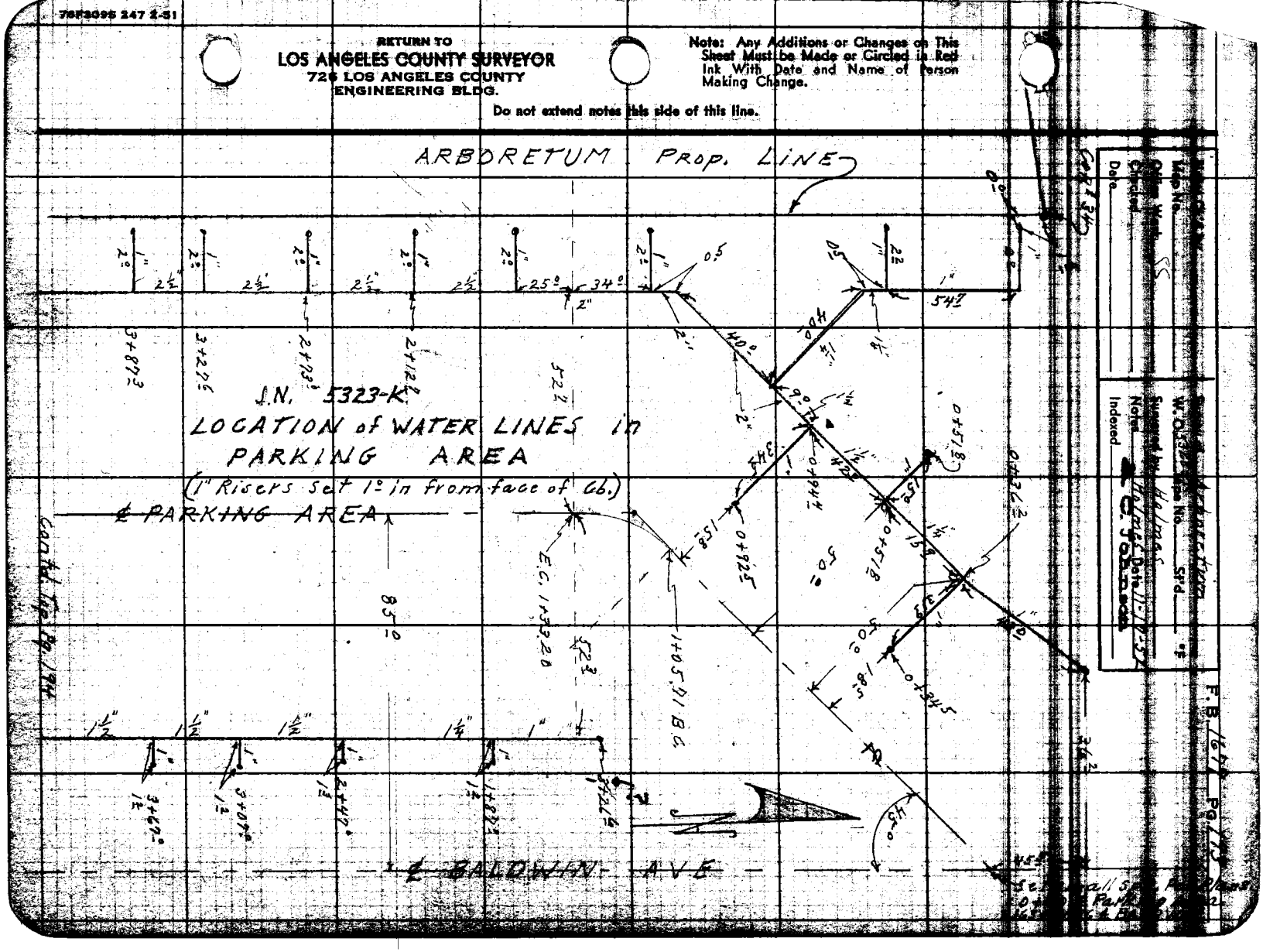
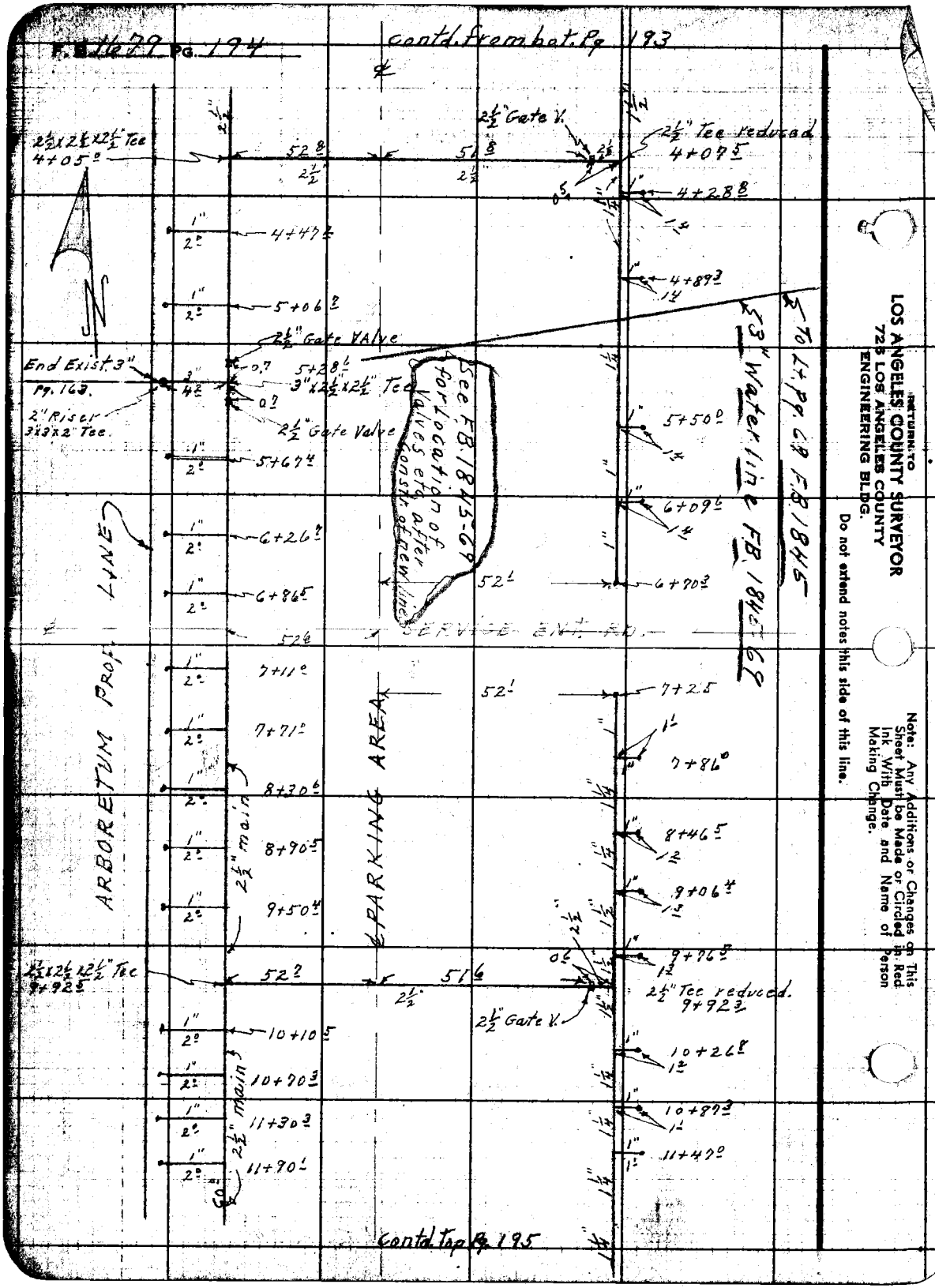


contd. from bot. Pg. 193



Contd. top Pg. 195

RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.
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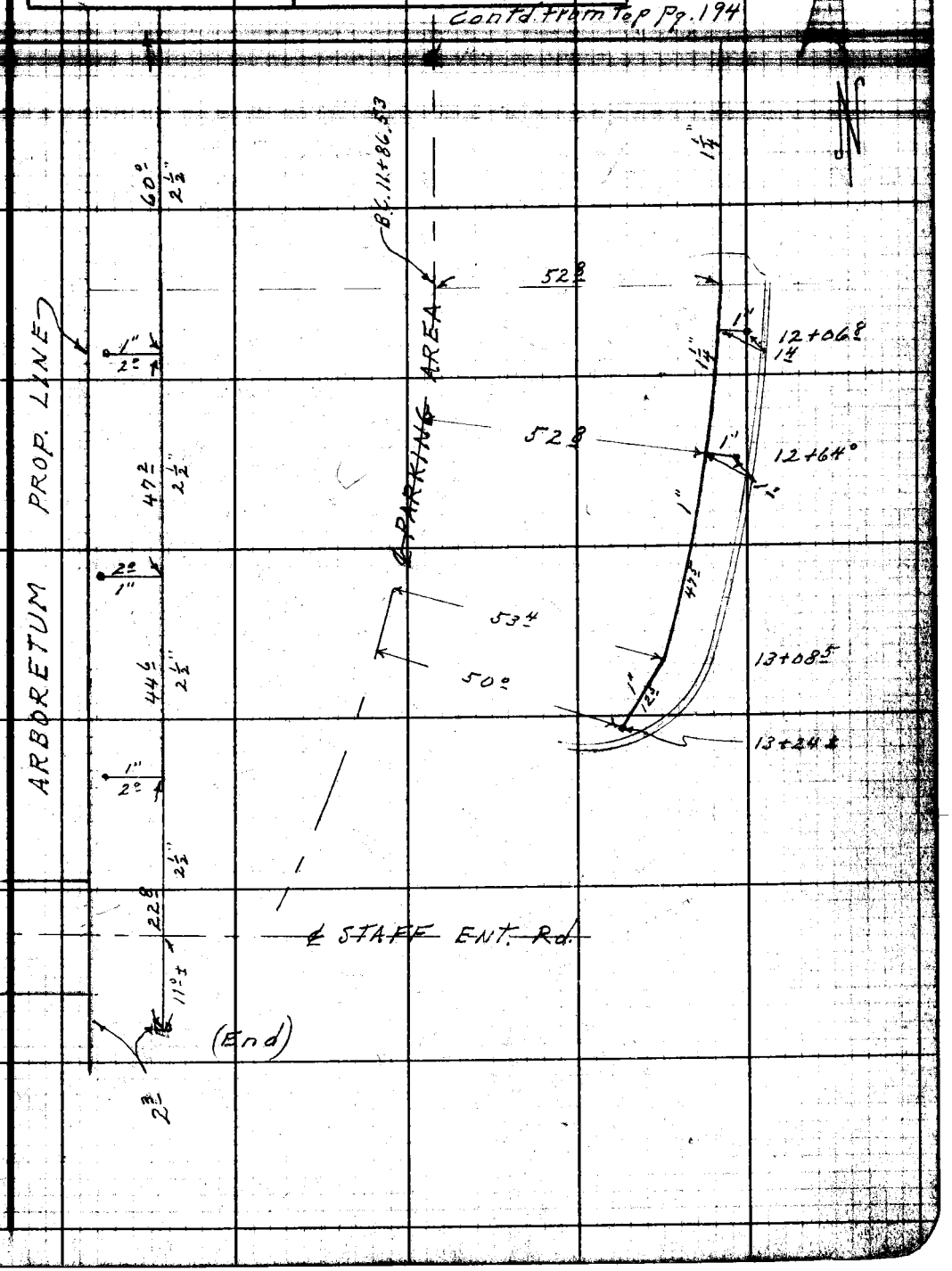
F. B. 1699 Pg. 195

Notes Ck'd by	Survey of Arboretum
Map No.	W. O. 5323 Tape No. St'd. °F
Office Work SS	Surveyed by Holmes
Checked	Notes Holmes Date 11-19-52
Date	Indexed C. Johnson



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

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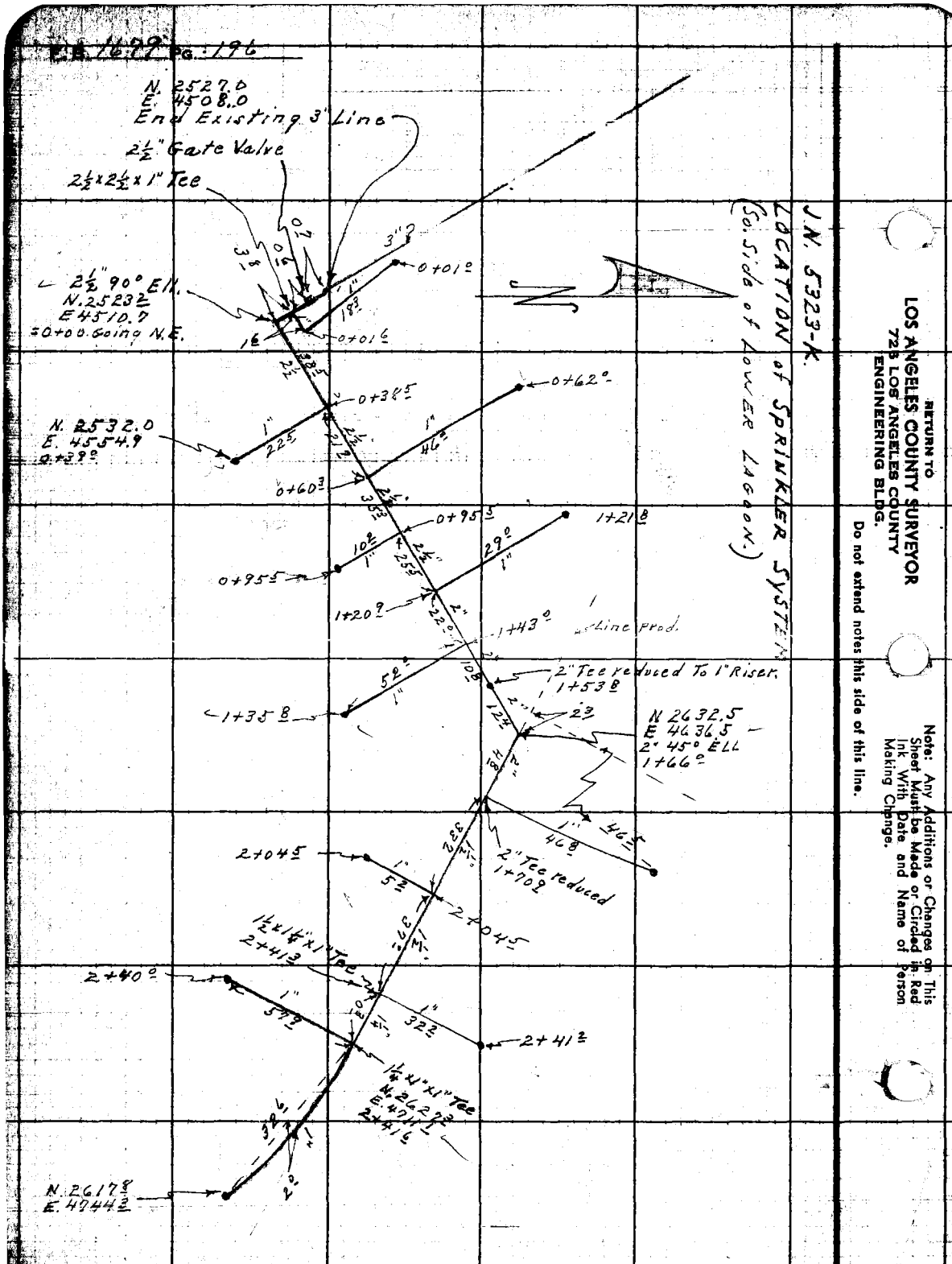
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

E.B. 1699 Pg. 196



J.N. 5323-K.

LOCATION of SPRINKLER SYSTEM
(So. Side of Lower Lagoon.)

RETURN TO
LOS ANGELES COUNTY SURVEYOR
723 LOS ANGELES COUNTY
ENGINEERING BLDG.

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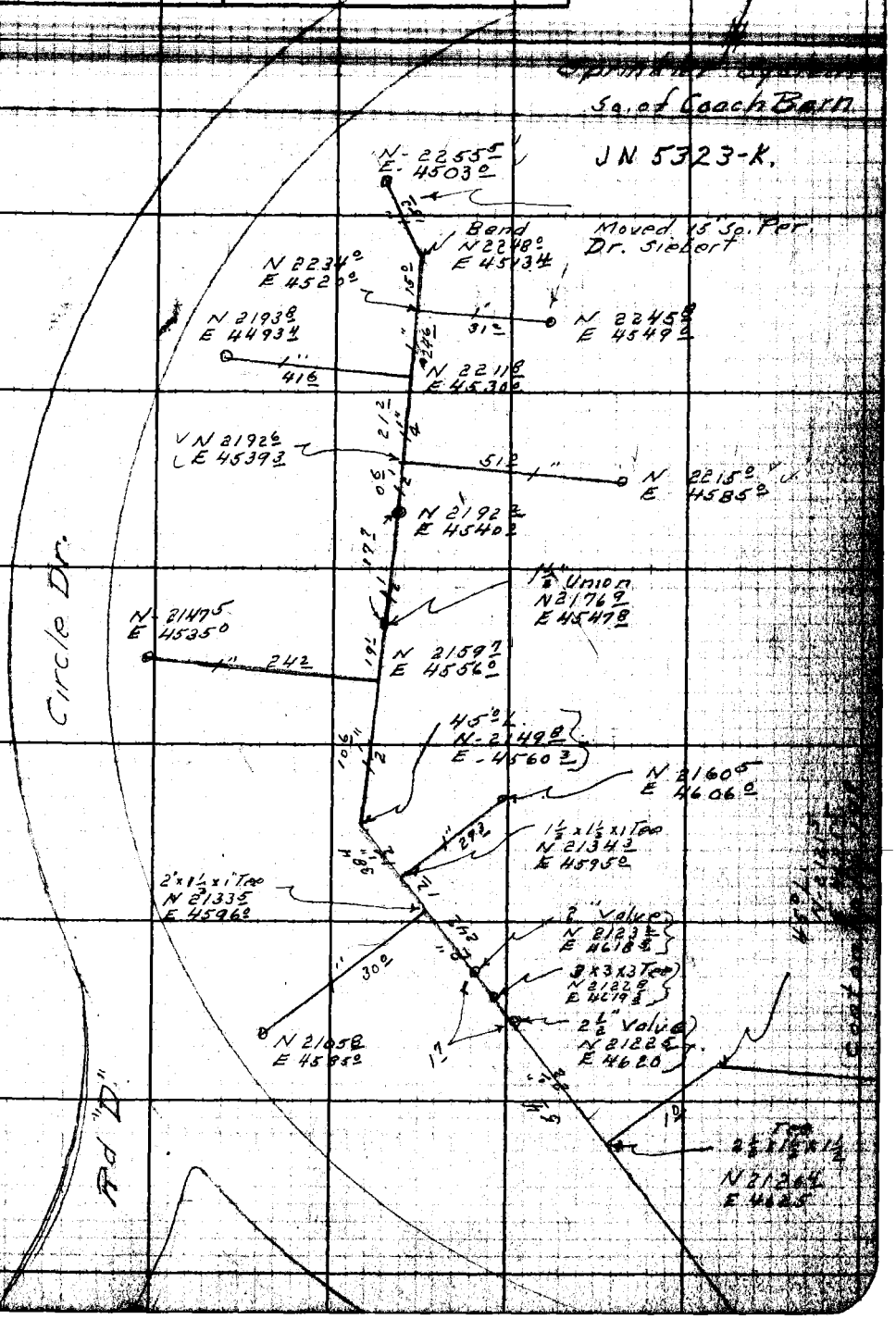
F.B. 1679 Pg. 197

Map No.	W.O. Tape No. St'd. °F
Office Work SS	Surveyed by
Checked	Notes Date
Date	Indexed K. C. Johnson

Sprinkler System
So. of Coach Barn

JN 5323-K.



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

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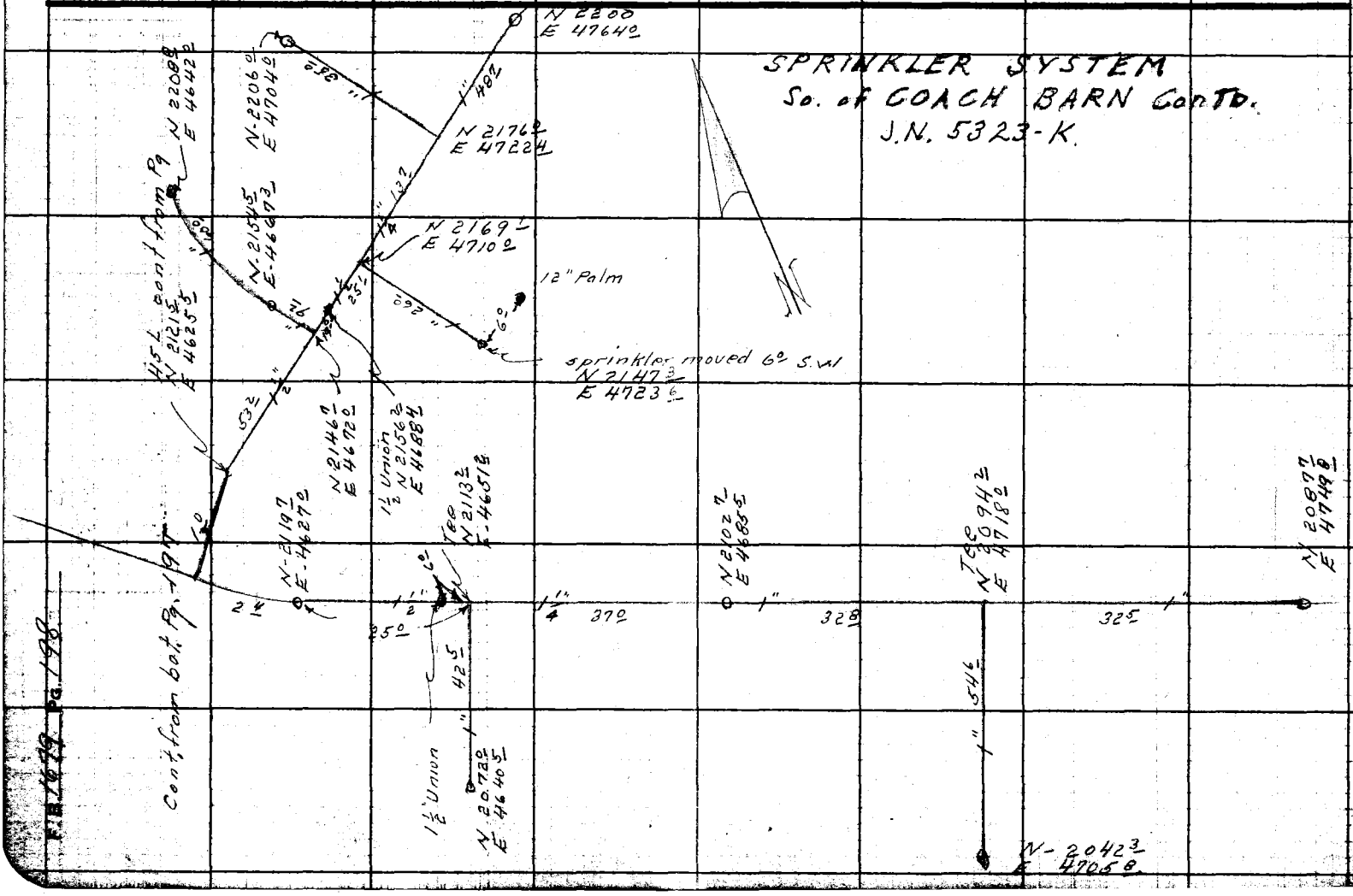
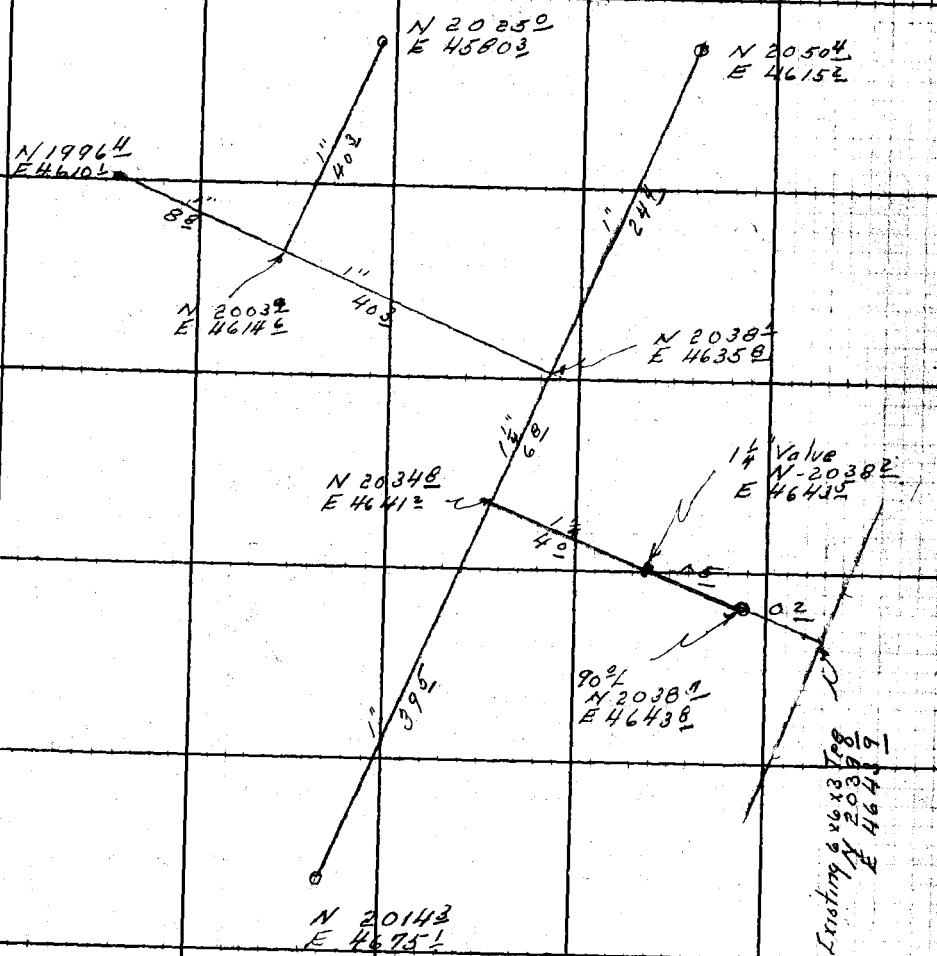


Notes Ch'd by	Survey of Arboretum	F.B. 1679 Pg. 199
Map No.	W.O. Tape No. St'd °F	
Office Work SS	Surveyed by Holmes	
Checked	Notes Date	
Date	Indexed E. C. Johnson	

Sprinkling System in Island
Between Rd "D"-"C" & Circle Dr.
J.N. 5323-K



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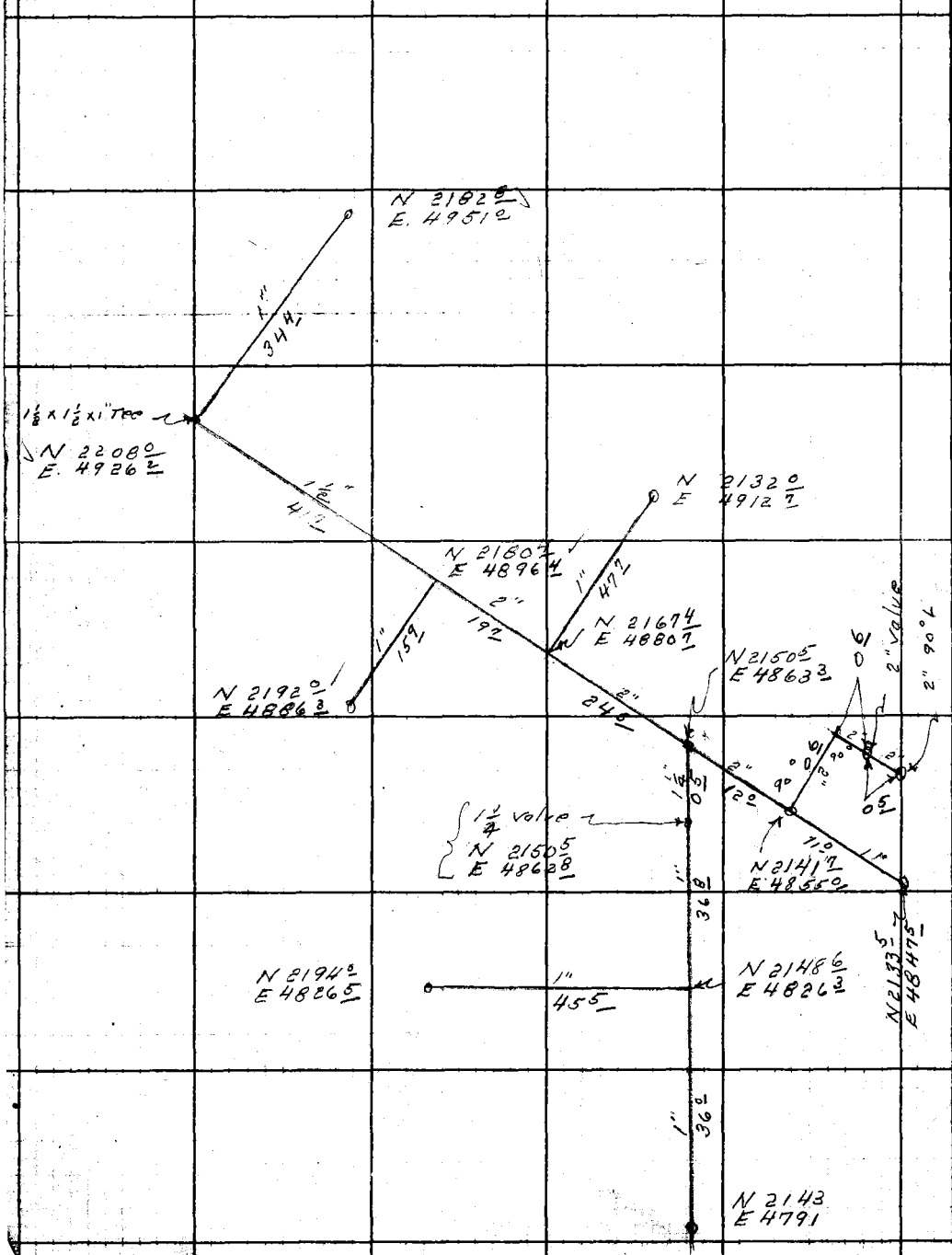
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

75F309S 247 2-51

F.B. 1679 Pg. 200

Sprinkler System
300± So. of Center Axis pt.
of Circle Dr.



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

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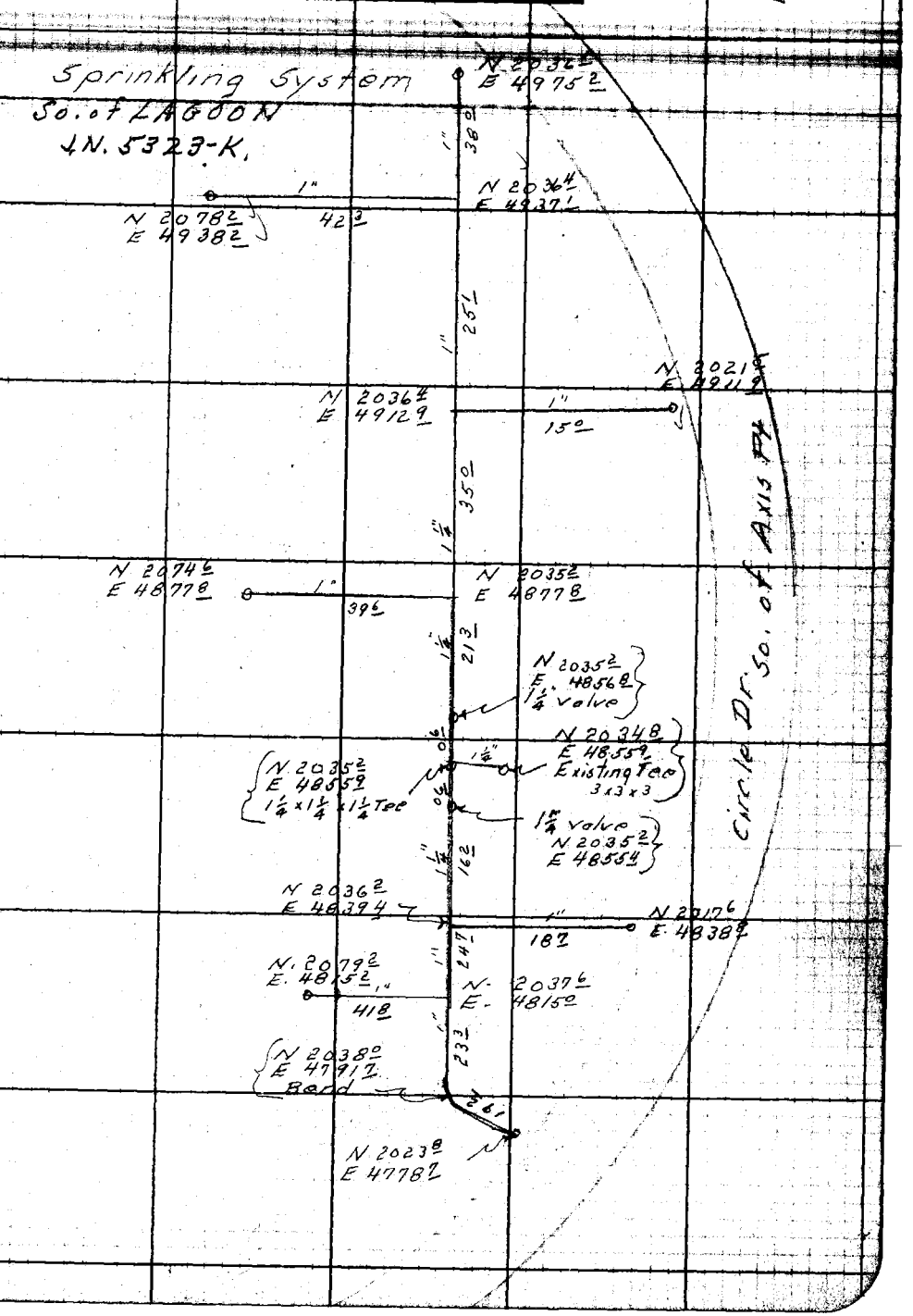
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey Arboretum
Map No.	W. O. Tape No. St'd °F
Office Work SS	Surveyed by Holmes
Checked	Notes Date
Date	Indexed E. C. Johnson

F.B. 1679 Pg. 201



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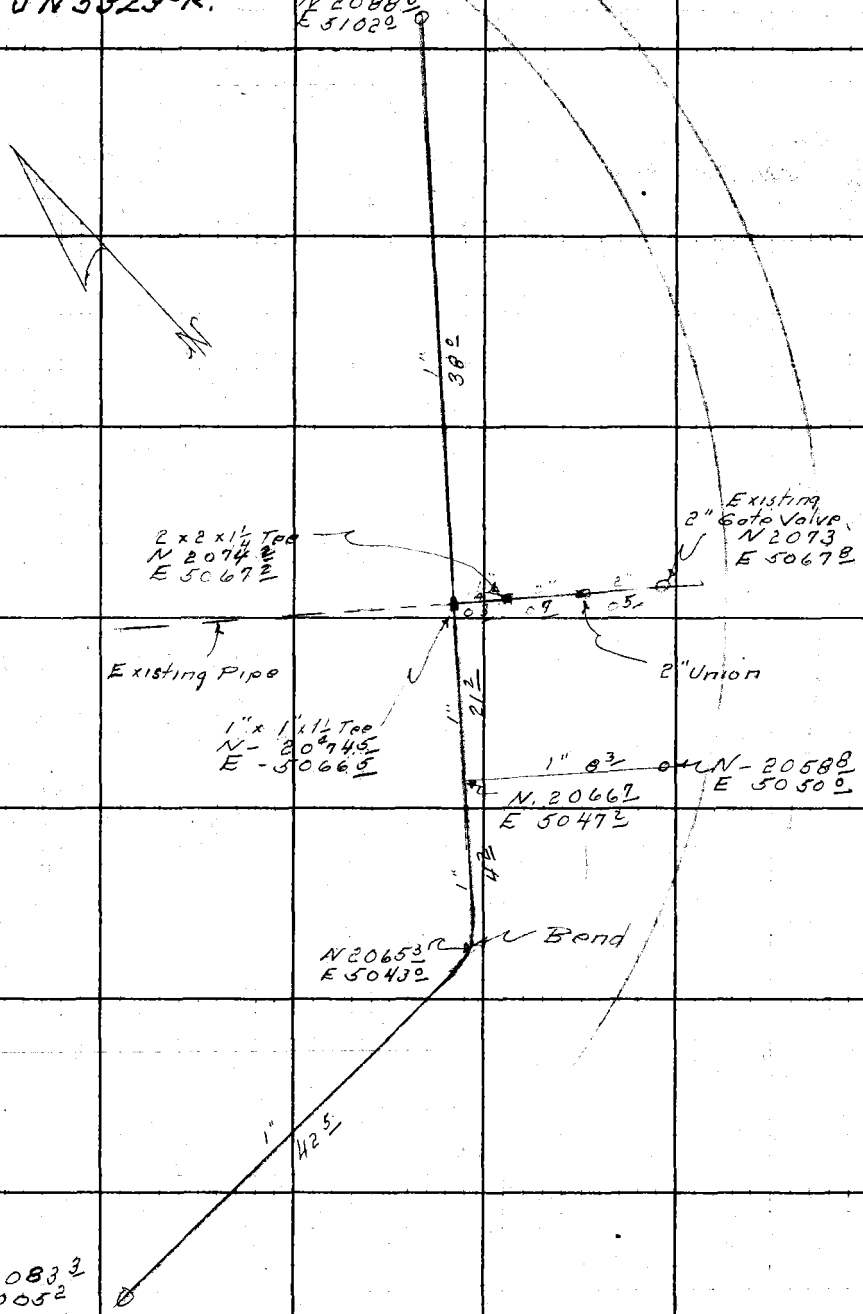
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

78F3095 247 2-51

F.B. 1679 PG. 202

Sprinkling System
So. East. Section "Circle Dr."
JN 5323-K.



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

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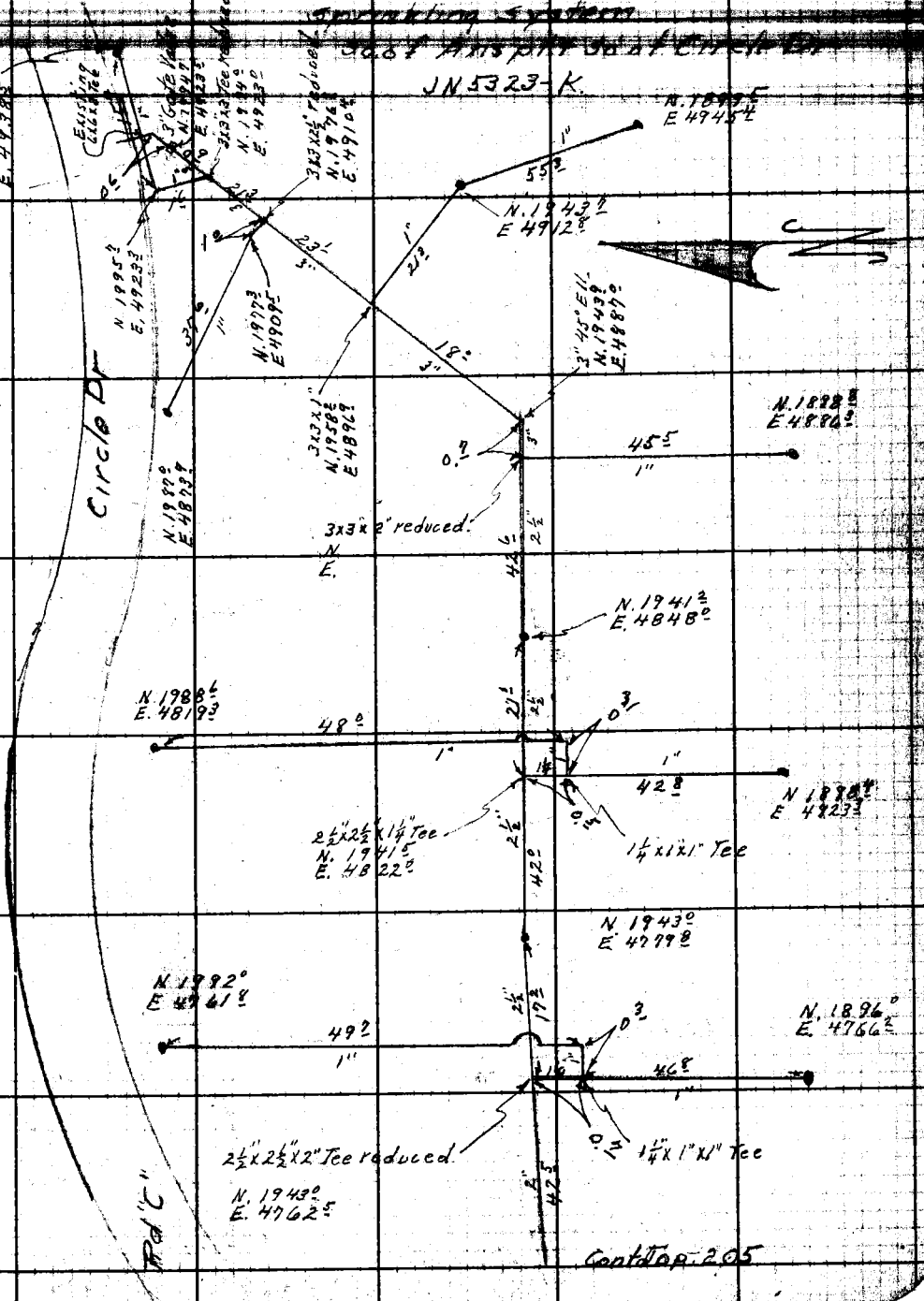
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

F. B. 1679 Pg. 203

Notes Ck'd by	Survey of Arboretum
Map No.	W. O. 5323 Tape No. St'd °F
Office Work SS	Surveyed by Holmes
Checked	Notes Date
Date	Indexed E. C. Johnson



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Do not extend notes this side of this line.

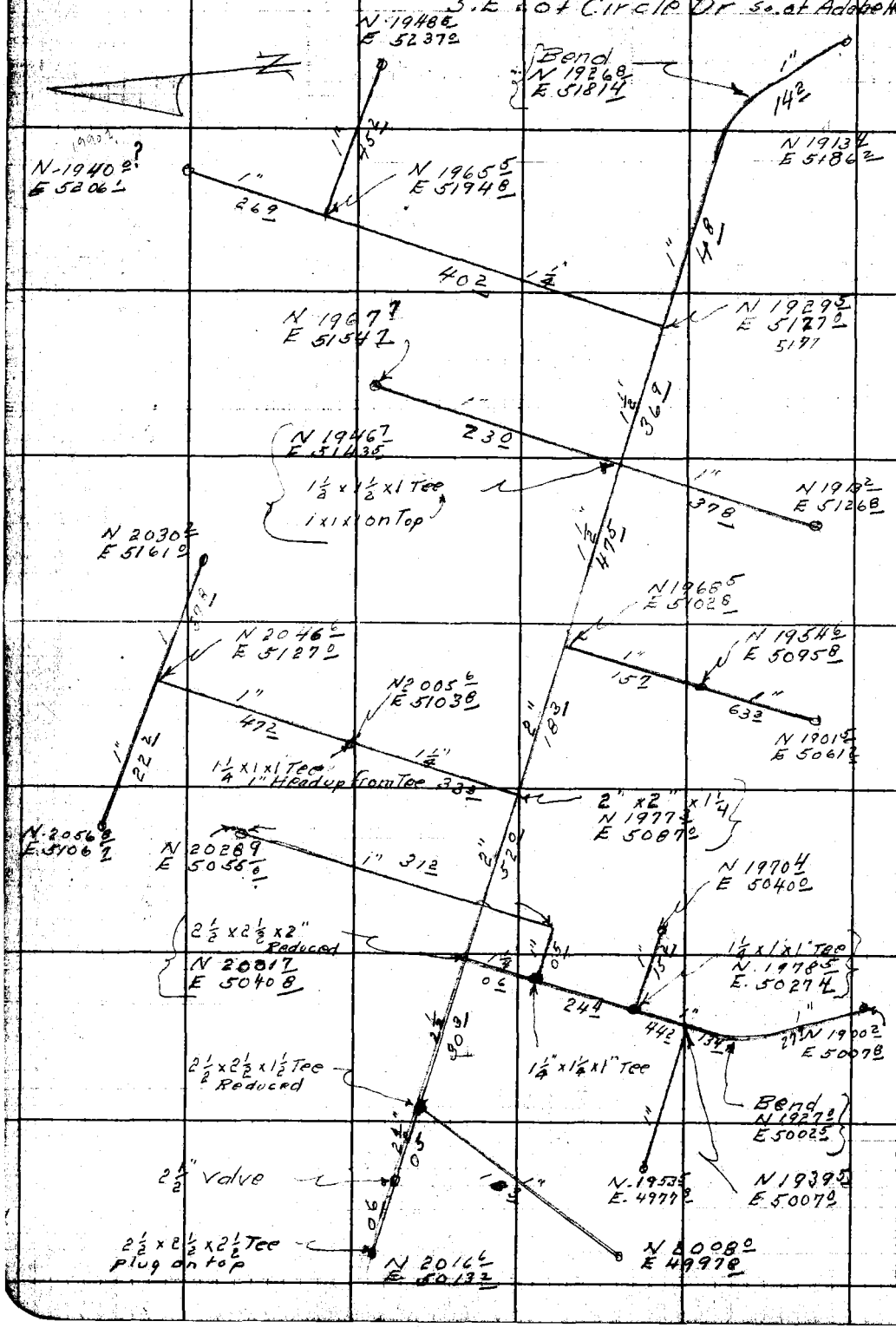
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1679 Pg. 204

Sprinkling System

S.E. of Circle Dr. so. of Adobe Rd.



RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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.

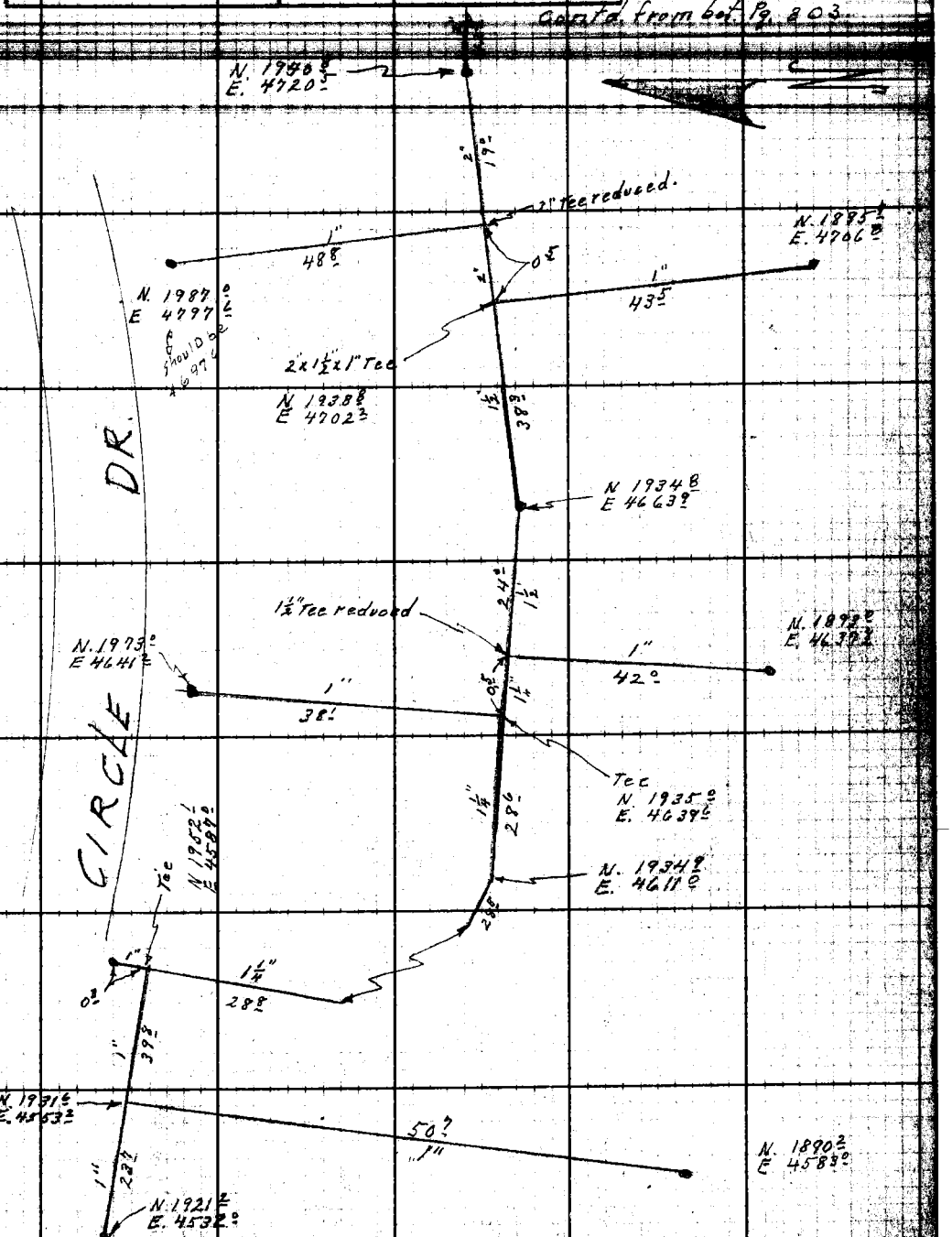
Map No.	W. O. Tape No. Std. °F
Office Work SS	Surveyed by Holmes
Checked	Notes Date
Date	Indexed A. O. Johnson

F.B. 1679 Pg. 205

Sprinkler System

Contd. JN 5353-K.

Contd. from bot. Pg. 203.



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

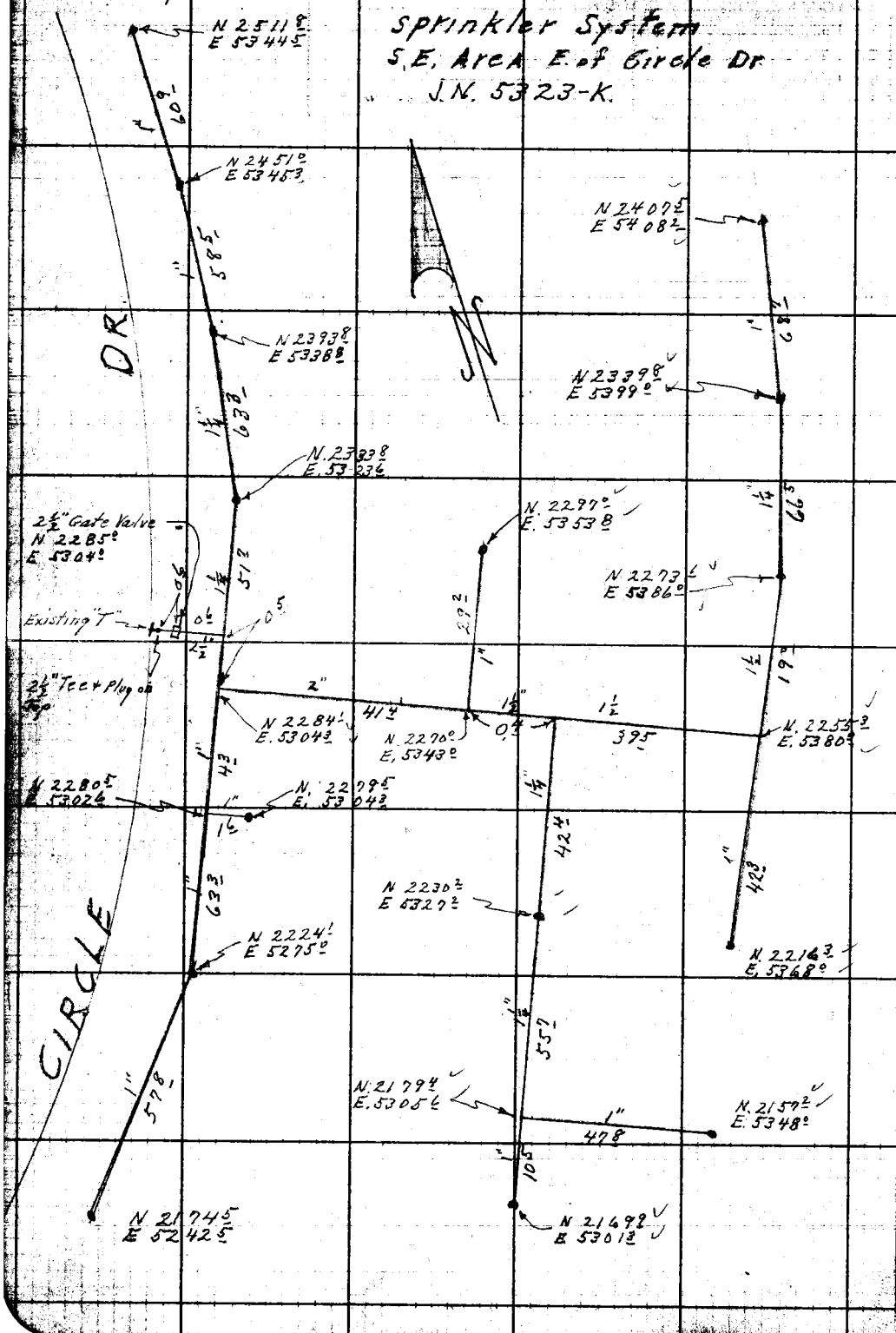
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1679 PG. 206

Sprinkler System
S.E. Area E. of Circle Dr.
J.N. 5323-K.



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

Do not extend notes this side of this line.

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

76P2098 247 2-51

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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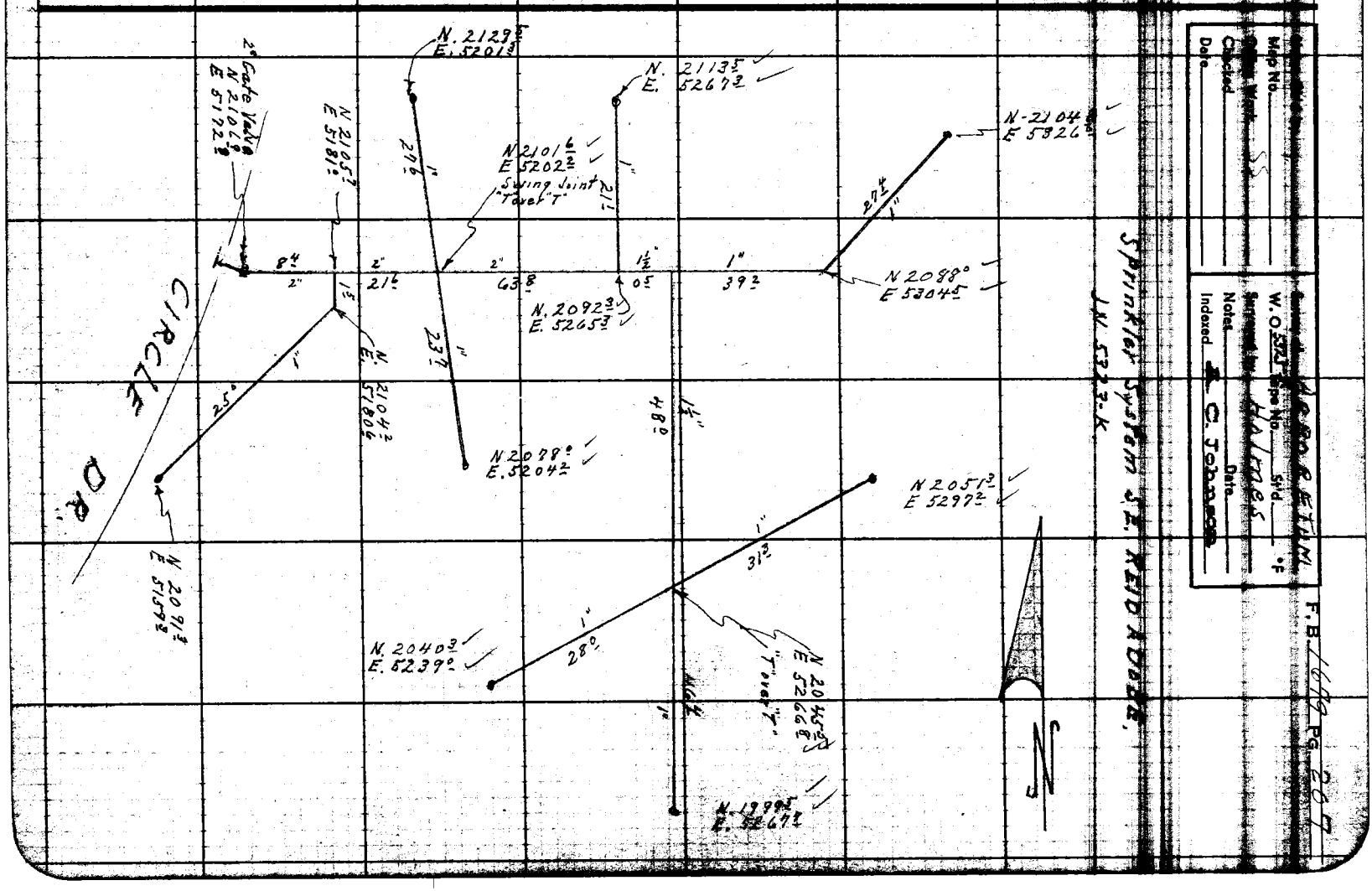
Do not extend notes this side of this line.



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

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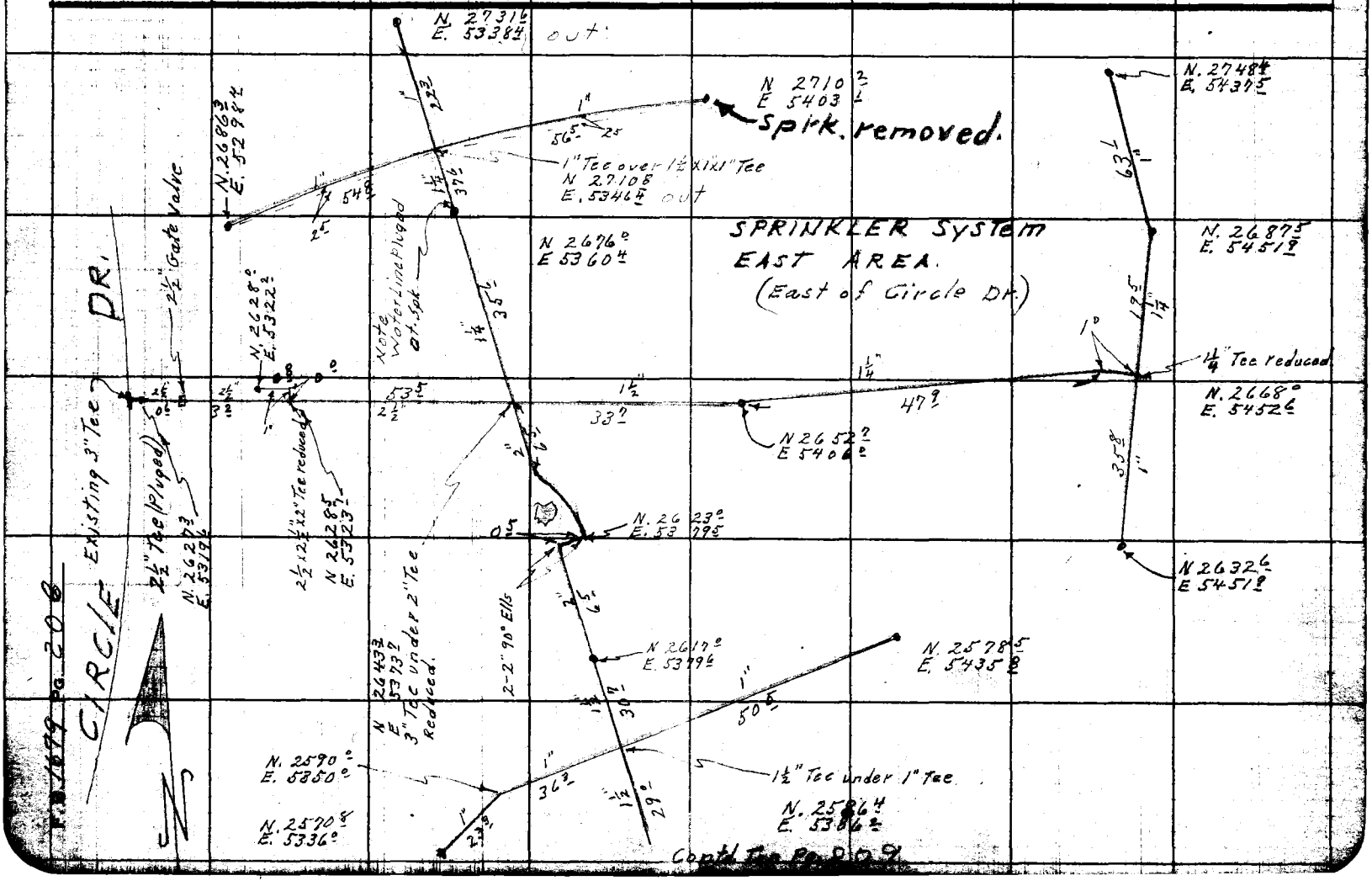
Do not extend notes this side of this line.



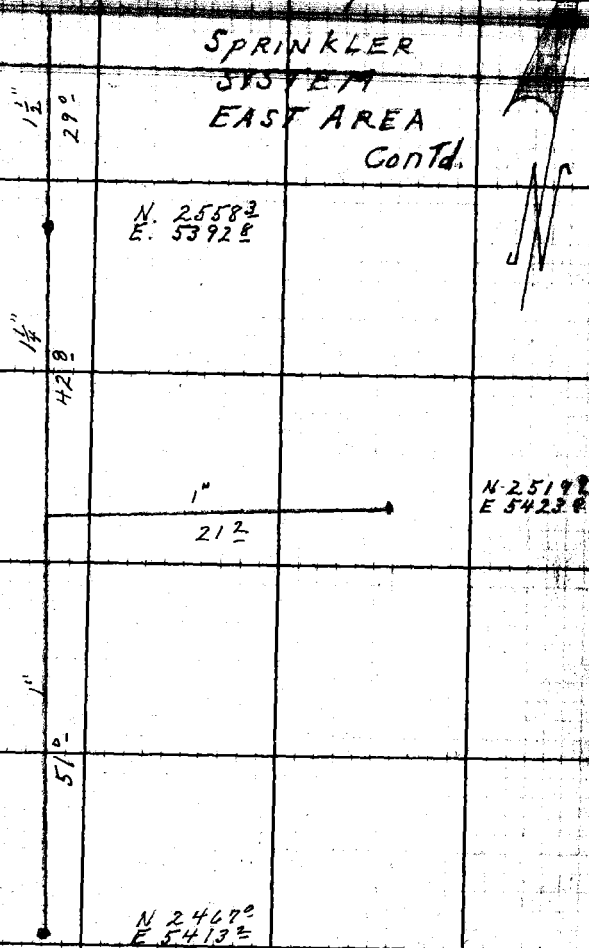
Contd. Top Pg. 209

Map No.	Survey Arboretum
Office Work SS	W. O. Tape No. Std. °F
Checked	Surveyed by Holmes
Date	Notes Date
	Indexed C. Johnson

F.B. 1679 Pg. 209

Contd from H-9208

SPRINKLER SYSTEM EAST AREA Contd.



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

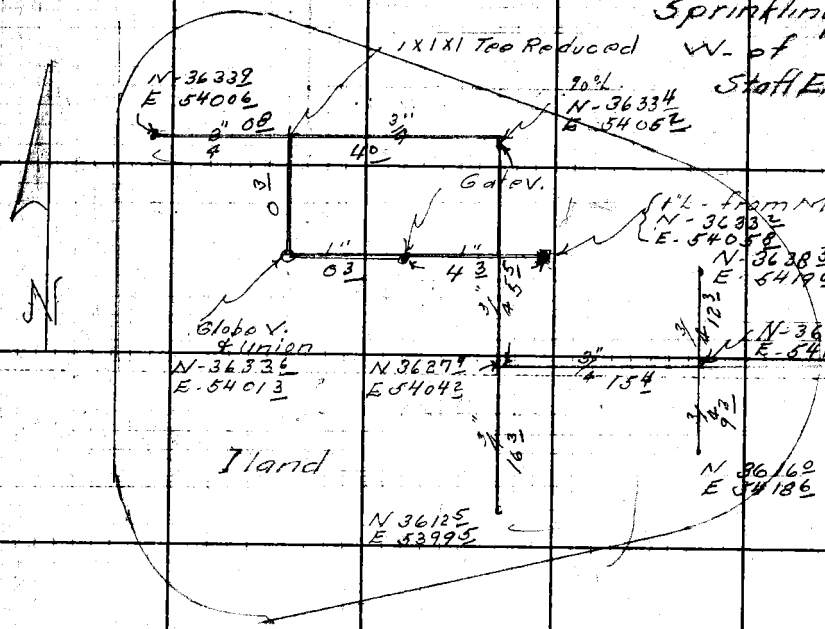
Do not extend notes this side of this line.

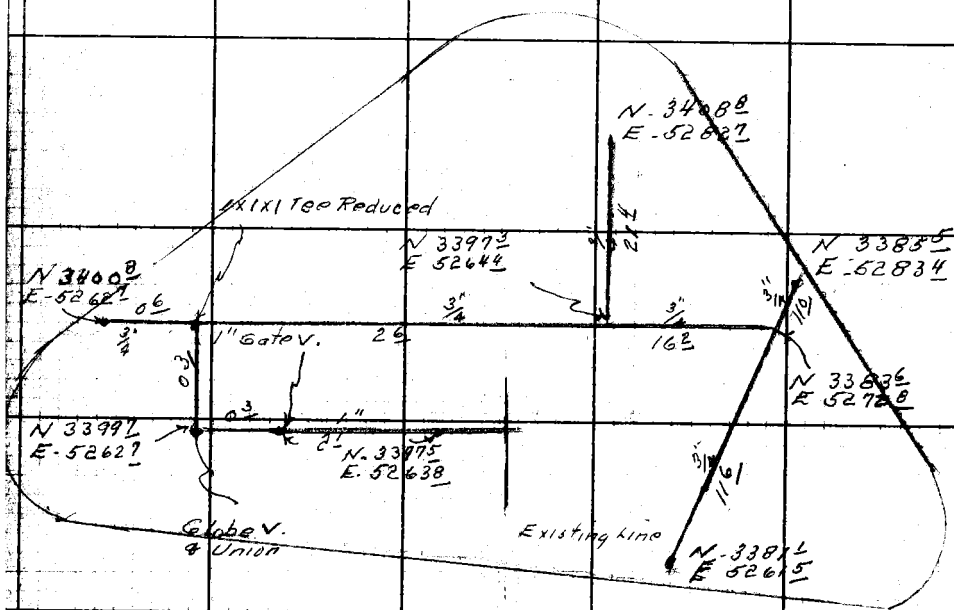
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1679 PG. 210

Sprinkling System W. of Staff Emt Rd





Sprinkling System
Island N-of Circle

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

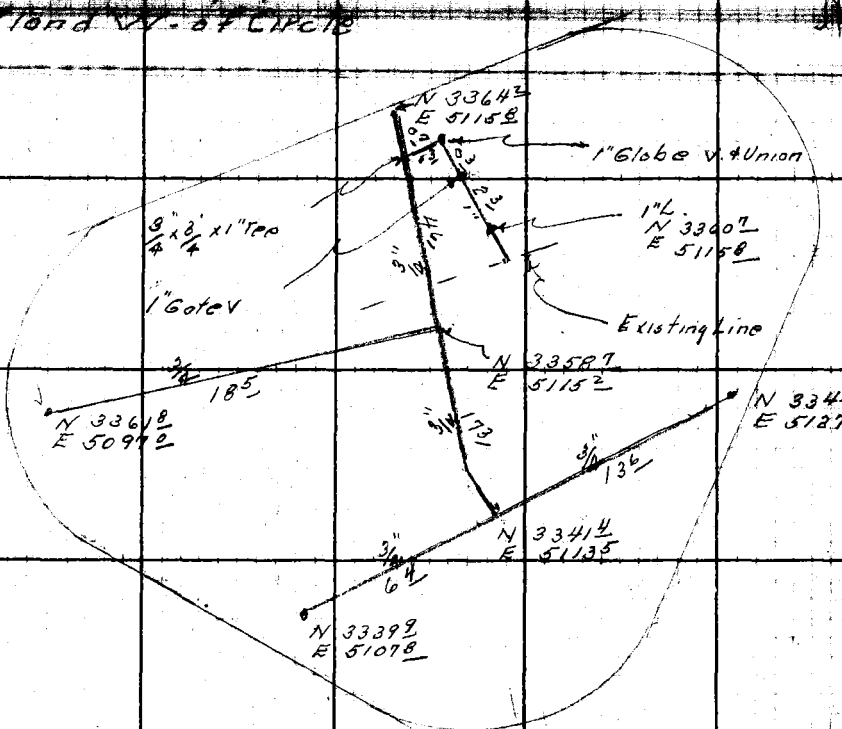
Do not extend notes this side of this line.

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

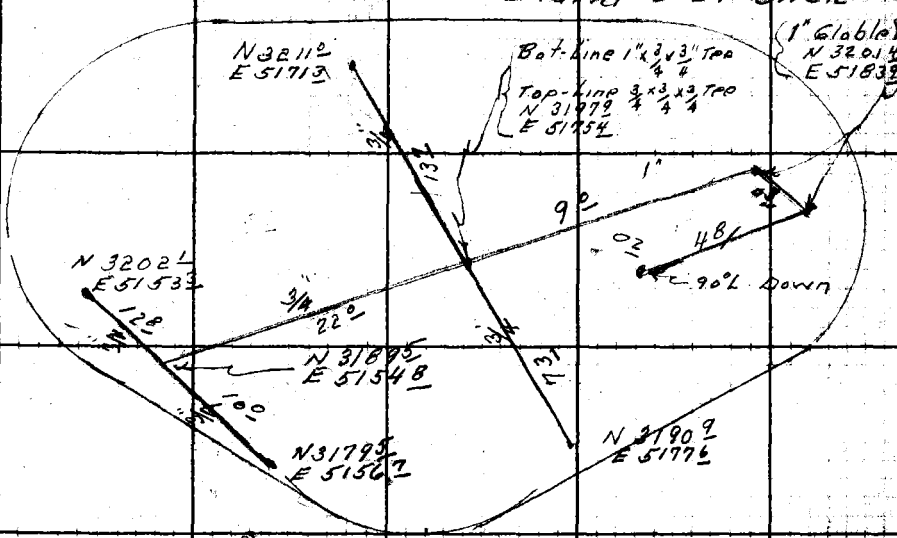
Map No.	Survey of Arboretum
Office Work SS	W.O. Tape No. St'd °F
Checked	Surveyed by D.F. Holmes
Date	Notes Date
	Indexed C. Johnson

F.B. 1679 Pg. 211

Sprinkling System
Island W. of Circle



Sprinkling System
Island S. of Circle



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-81

F. B. 1679 PG. 212

RETURN TO
LOS ANGELES COUNTY SURVEYOR
728 LOS ANGELES COUNTY
ENGINEERING BLDG.

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76F3095 247 2-51

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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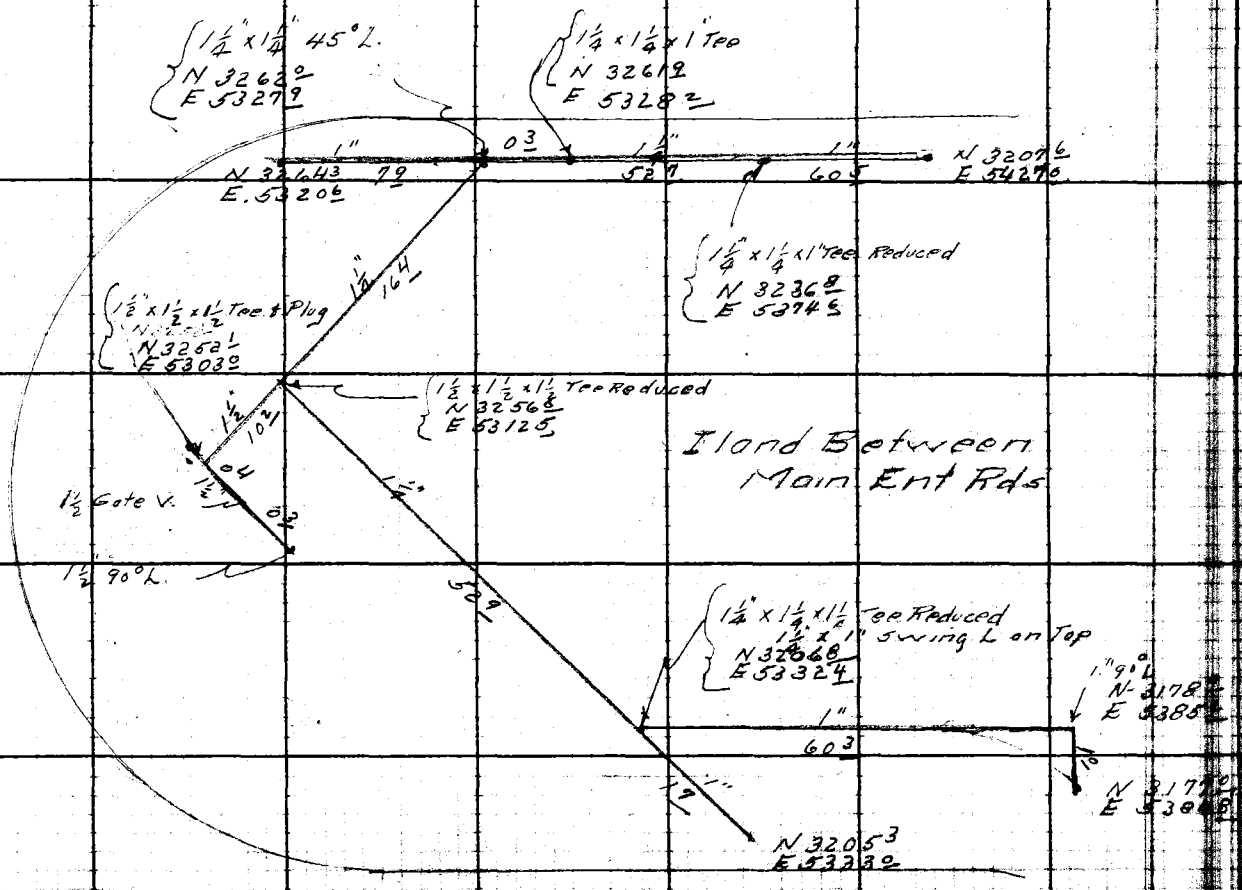
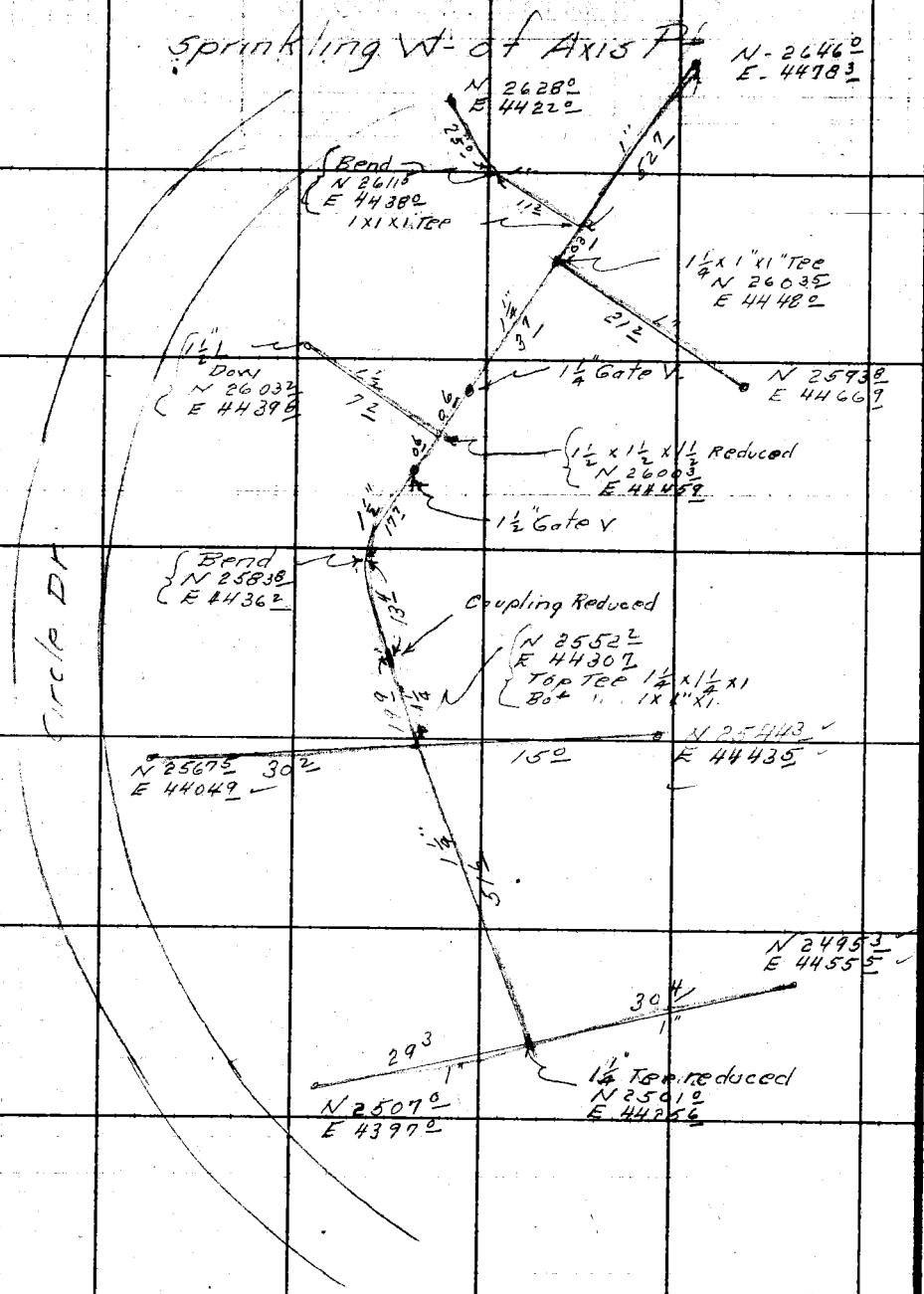


Notes Ck'd by
Map No.
Office Work SS
Checked
Date

Survey of Arboretum
W.O. Tape No. Std. °F
Surveyed by D. E. Holmes
Notes Date
Indexed R. C. Johnson

F.B. 1699 Pg. 213

F.B. 1679 PG. 214



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

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76L296 307 5-49

N 3800
L 1850

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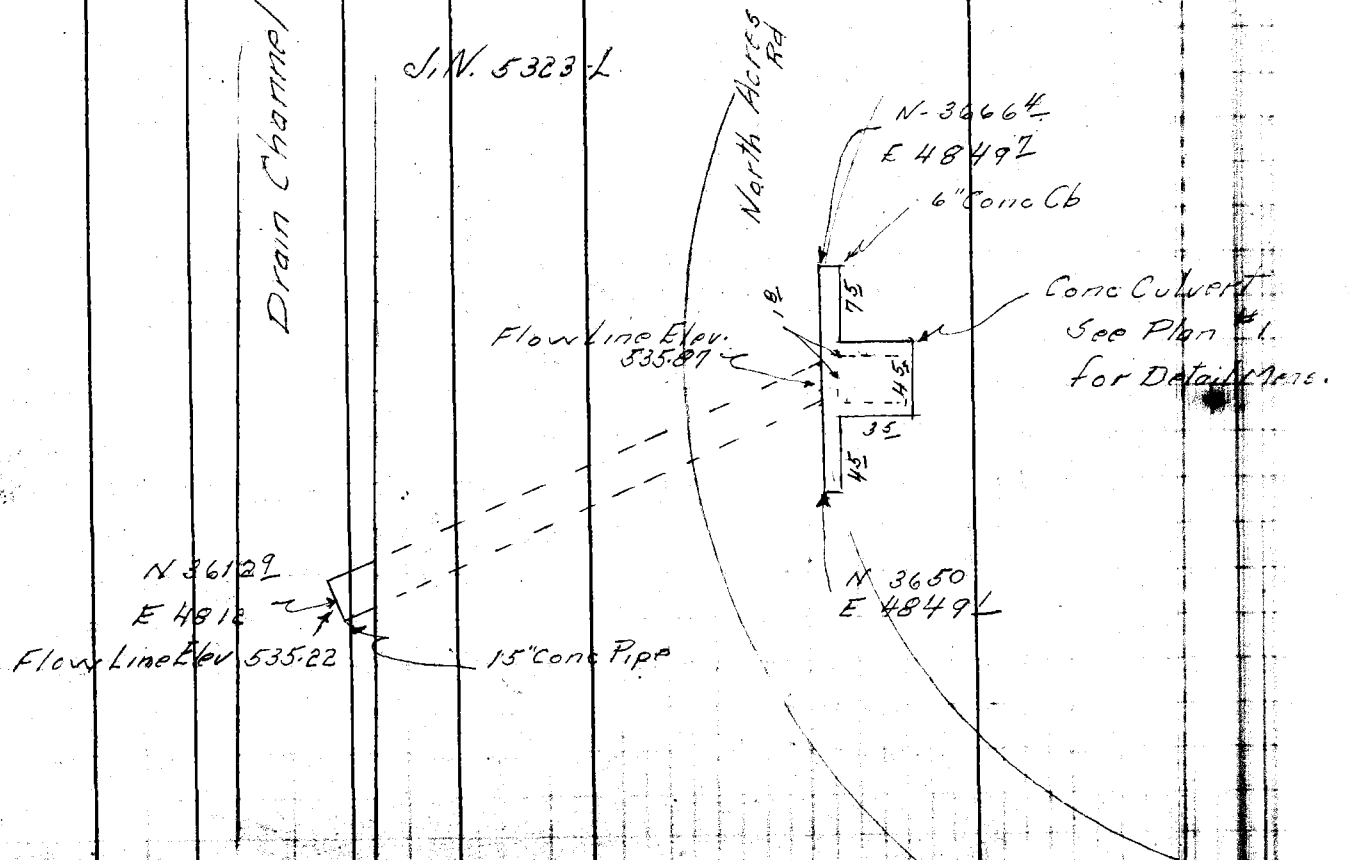
STATION	B. S.	H. I.	F. S.	ELEV.

Location of New Catch Basin on North Acres Rd



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-L Division No. ____
X.Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by D.E.H. Notes ____ Date ____
Date ____ Map No. ____ Indexed ____ Date 2-12-58

F.B. 1670 PG. 215

F.B. PG.

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

76L298 307 5-49

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536

Notes Ck'd by	Survey of Arboretum
Map No.	W. O. Tape No. 98 St'd. 84° °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date 12-15-52
Date	Indexed C. Johnson

F. B. 1679 Pg 217

N-3000.00
E 5300.00
1" I.P. F.B. 1661-86

127.93 @ 0-00 T-68° = 127.92
194.91 @ 0-00 T-72° = 194.89
109.43 @ 0-00 T-72° = 109.42

1. 108-09-40
4. 72-38-40
Av. 108-09-40

1. 103-02-20
4. 52-09-40
Av. 103-02-25

N-2600.00
E 5300.00
1" I.P.
F.B. 1661-86

108°-09'-40"

0+00
Set 1"x2" & Tk.

5.0

103°-02'-25"

194.89

1+94.59
Angle PT.

173°-36'-05"

0.30

0.30

1+94.89 back
= 1+94.29 ahead
Angle PT.
Set 1"x2".

1. 173-36-00
4. 334-24-20
Av. 173-36-05

109.42

ABORETUM J.N. 5323-2
LOCATION of PRO. COBBLESTONE
DRAIN DITCH S.E. AREA.

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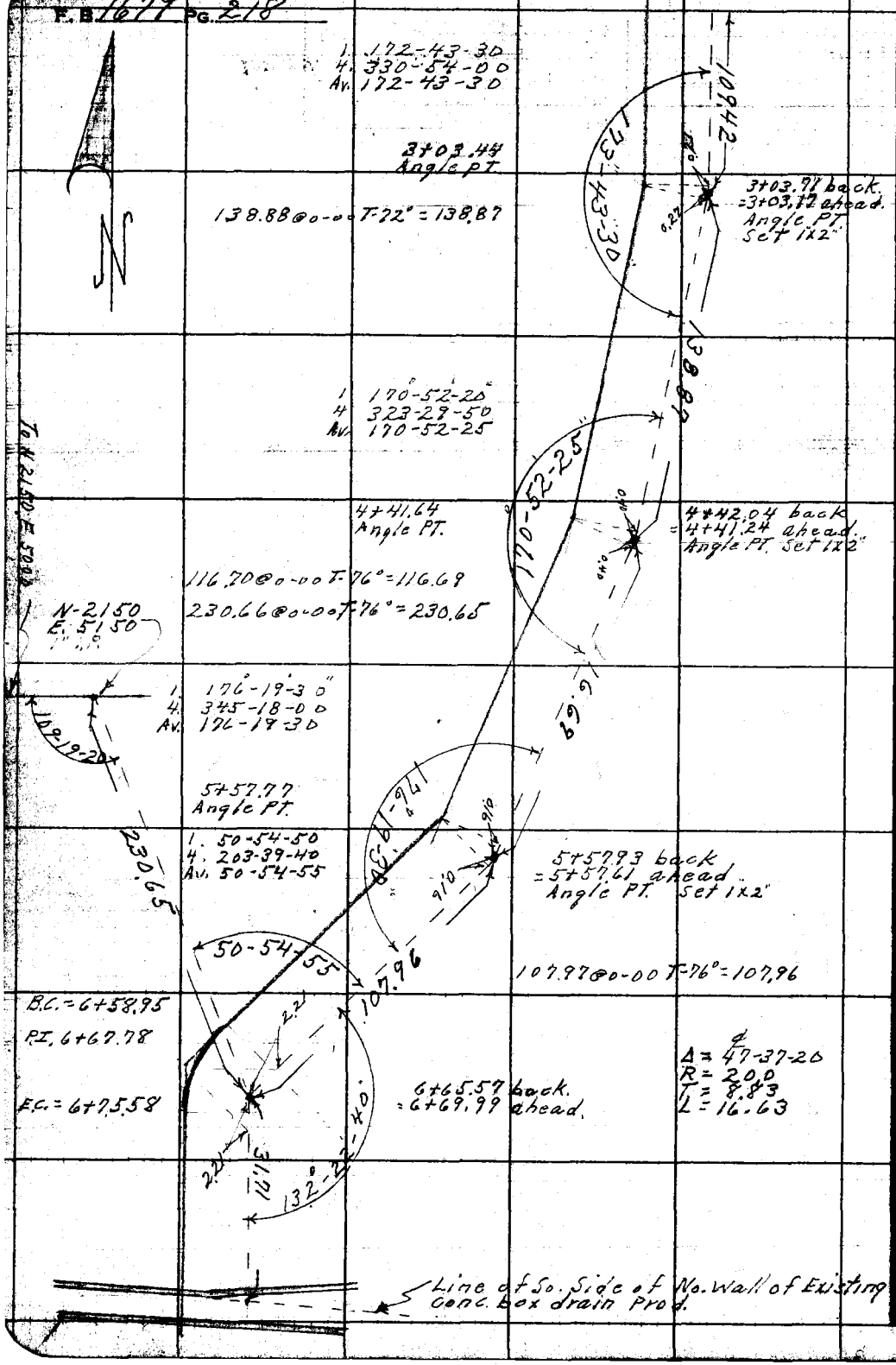
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 1679 PG. 218



RETURN TO
LOS ANGELES COUNTY SURVEYOR
72B LOS ANGELES COUNTY
ENGINEERING BLDG.

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Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____ Survey of ____

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Notes ____ Indexed C. Johnson Date 2-17-53

F.B. 1679 PG. 219

J.N. 5323-L

Proposed Cobblestone Drain

East Area.

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

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

76L298 307 5-49

76L298 307 5-49

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

5323-L · Const

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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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Division No. L Job No. 5323
Survey of Arroyo Return
Survey by D.E. Hollins Notes 4 F.B.
Indexed H. C. Johnson Date
F.B. 1679-220

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	
	3 40	511 81		508 41	N 2150 E 5150	Top of 1" x 2" F.B.		1661 pg 90
0+00			736	504 45	504.3	C-0.15		1x2 - 5' off
			73	504 5				gr ℄
0+25			809	503 72	504 2		F-0.48	1x1 - 5' off
			74	504 4				gr ℄
0+50			816	503 65	504.1		F-0.45	1x1 5' off
			78	504 0				gr ℄
0+75			810	503 71	504.0		F-0.29	1x1 - 5' off
			79	503 7				gr ℄
1+00			790	503 71	503 9	C-0.01		1x1 5' off
			77	504 1				gr
1+25			788	503 93	03.8	C-0.13		1x1 5' off
			75	504 3				gr ℄
1+50			797	503 84	03.7	C.0.14		1x1 5' off
			74	504 4				gr ℄
1+75			788	503 93	03.6	C.0.33		1x1 5' off
			77	504 1				gr ℄
2+00			810	503 71	03.5	C.0.21		1x1 5' off
			78	504 0				gr ℄
2+25			805	503 76	03.4	C.0.36		1x1 5' off
			78	504 0				gr ℄

0.4%

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut		
		51181			0.4%			
2+50			828	50353	503.3	C-0.2	1X1	5° off
			79	5039				gr ℄
2+75			819	50362	503.2	C-0.4	1X1	5° off
			78	5040				gr ℄
3+00			822	50359	503.0	C-0.6	1X1	5° off
			79	5039				gr ℄
3+25			839	50342	502.8	C-0.6	1X1	5° off
			82	5036				gr ℄
3+50			845	50336	502.6	C-0.8	1X1	5° off
			80	5038				gr ℄
3+75			845	50336	502.4	C1.0	1X1	5° off
			83	5035				gr ℄
4+00			855	50326	502.2	C1.1	1X1	5° off
			84	5034				gr ℄
4+25			886	50295	502.0	C-1.0	1X1	5° off
			85	5033				gr ℄
4+50			926	50255	501.8	C.0.8	1X1	5° off
			90	5028				gr ℄
4+75			980	50201	501.6	C.0.4	1X1	5° off
			94	5024				gr ℄

0.8%

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323-L Division No. ____ F.B. 1679 PG. 221
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed [redacted] Date ____

76L298 307 5-49

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile No. ____ Plotted ____ Notes Red. ____ Division No. ____ Job No. 5322 L. Notes Chkd. ____ Checked ____ Date ____ Notes ____ Date ____ Date ____ Date ____ Date ____

X-Sec. No. ____

Survey of Arborform
Survey by ____
Indexed L. C. Johnson

F.B. 1679 Pg. 222

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	
		511 81					
5+00			977	502.04	501.4	C-0.6	1X1 - 5° off
			96	502.2			gr ℄
5+25			1001	501.80	501.2	C-0.6	1X1 5° off
			98	502.0			gr ℄
5+50			1017	501.64	501.0	C-0.6	1X1 5° off
			98	501.8			gr ℄
5+75			1009	501.72	500.8	C-0.9	1X1 5° off
			98	502.0			gr
T.P. 1X1			1017	501.64			
	221	503.85					
6+00			281	501.64	500.6	C-1.0	1X1 5° off
			21	501.8			gr ℄
6+25			265	501.20	500.4	C-0.8	1X1 5° off
			25	501.7			gr ℄
6+50			322	501.3	500.2	C-0.4	1X1 5° off
			30	501.7			gr ℄
B.C. 6+58.95			341	501.47	500.16	C-0.2	1X1 5° off
			32	501.7			gr ℄
℄A=6+76.[illegible]			362	501.3	500.13	C-0.1	1X1 5° off
			35	501.[illegible]			gr ℄

76L298 307 5-49

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut		
		503 85			0.8			
6+75.58 EC			3 80	500 05	500.0	C-0.1		1x2 5° off
			3 9	500 0				gr ℄
6+95			11 62	492 23				1x1 5° off
			11 3	492 6				gr ℄
6+96.5			11 40	492 45				℄ N. Top of wall of conc Drain
			12 80	491 05				℄ Bottom of " "
T.P.			0 11	503 74				
	9 24	512 98						
			4 57	508 41				

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5323 Division No. ____ F.B. 1179 PG. 223
X-Sec. No. ____ Date ____ Date ____ Survey of Arboretum
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1679 Pg. 224

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

76L298 307 5-49

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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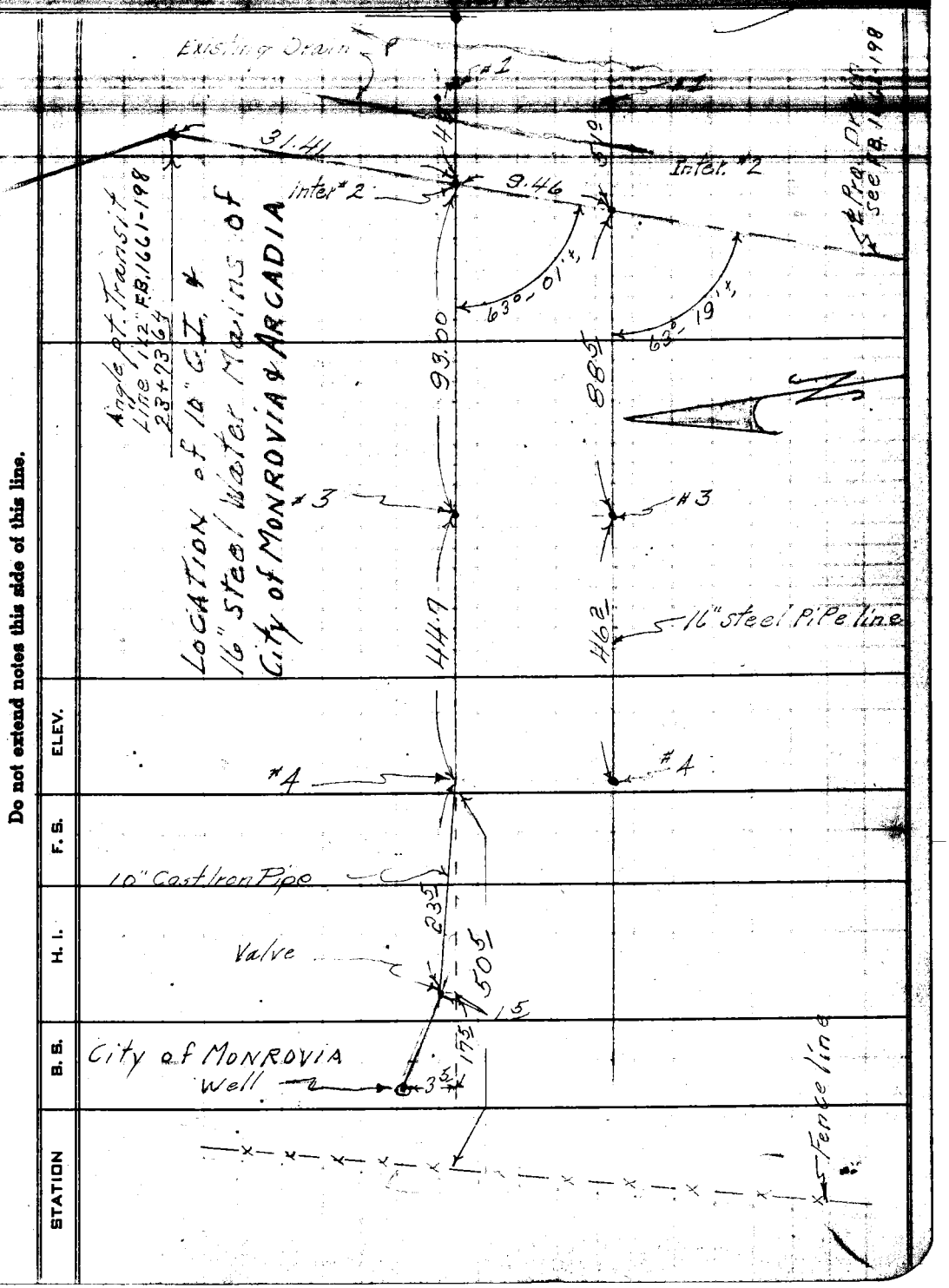
Profile No. Notes Red. Plotted Job No. Division No.
Date Date Survey of
Notes Chkd. Checked Survey by Notes
No. Date Date Map No. Indexed Date 2-17-

F. B. 1679 Pg. 22



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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 4-50

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
N 4600 E. 5000				575 69	T.B.M. Elev. 575.692 F.B. 1234-93 Top 3/4" I.P. F.B. 1234-76	
	1.99	577 68				
T.P. 1X1			8 00	569 68		
	4.25	573 93				
Pt. #1			1716	556 77	10" Cast Iron Pipe	Bot. of Existing Drain. 2° deep ±
Pt. #2			9 02	564 91	Inters. Top of 10" Cast Iron Pipe	
" "			539	568 54	Ground	
Pt #3			887	565 06	Tp. 10" Cast Iron Pipe	
" "			45	569 4	Ground	
Pt #4			820	565 73	Tp of 10" Cast Iron Pipe	
Pt #4			42	569 7	Ground	
Pt #1			723	566 70	Tp of 16" Steel pipe	
" "			152	558 7	Flow line of Existing Drain	
Pt #2			705	566 88	Tp of 16" Steel pipe	
"			56	568 3	Ground	
Pt. #3			662	567 31	Tp of 16" Steel pipe	
" "			51	568 8	Ground	
Pt #4			589	568 04	Tp of 16" Steel Pipe	
" "			46	569 3	ground	

Profile
Plotted
Date
No.
X-Sec.
Checked
Date
No.
Notes Red.
Date
Notes Chkd.
Date
Division No.
Job No.
Arboretum
Survey of
Survey by
Notes
Date
Indexed
C. Johnson
PS. 2/26

76L298 307 4-50

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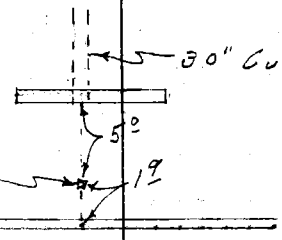
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		573 93				
			1118	562 75		
	071	563 46				
N 3971 E 4780			918	554 28	Ed. R.R. spk. on East of Oak Tree Elev. 554.316 FB. 1234 pg 93	



6" steel Gas or water line

Top of 6" Pipe is 1.29 below F.L. of 30" Culvert Elv. of Culvert Pe. Pg. 80 is 590.49.

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

No. ____ Date ____ Date ____ Survey of ____

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

No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 1625 P.

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

Survey of _____ Job No. _____ Division No. _____ Plotted _____ Profile

Survey by _____ Notes _____ Date _____ No. _____

Indexed _____ Date _____ Notes Chkd _____ Checked _____ X-Sec.

Date _____ Date _____ No. _____

Notes Ck'd by	Survey of Arboretum
Map No.	W.O. [illegible]
Office Work	Surveyed by Holmes
Checked	Notes [illegible]
Date	Indexed E. C. Johnson 90-5-53

F.B. 1679 PG. 229

J.N. 5323

CONTROL PT'S FOR FUTURE CONSTRUCTION AT ABORETUM "NORTH AREA"

Coordinates

	North	East	Sta.	Remarks
1	3001.75	5386.08		Radius Pt. Main Ent. Rd. =
2				Cor #38 - 2" I.P.
3	3100.22	5121.20	3+02.81 P.C.C.	N. Acres Rd - 3/4" I.P.
4	3197.81	4908.23		Radi. Pt. N. Acres Rd - 1" I.P.
5	3206.45	4889.38		Radi. Pt. 255' Rd A. 1" I.P.
6	3298.67	5211.72		Radi. Pt. 85.54 of Ent. Circle Rd. 1" I.P.
7	3353.72	5528.89		Radi. Pt. 236.37 Main Ent. Rd. 1" I.P.
8	3490.19	5481.52		Radi. Pt. 130' Arb. Staff Ent. Rd. 1" I.P.
9	3608.72	5133.33		Radi. Pt. 234.26 N. Acres Rd. 1" I.P.
10	3674.42	5129.42		" " 290.' " " " 1" I.P.
11	4492.07	5320.00		" " 340.' " " " 1" I.P.
12	4809.11	5514.99		" " 130.' Rd one West 1" I.P.
13	3403.27	5020.79	6+54.05 E.C.	N. Acres Rd Spk. W & Tin
14	3420.09	4990.09	6+89.05 B.C.	" " " " "
15	3813.75	4875.08	11+44.58 P.O.C.	" " " " "
16	3872.20	4917.32	12+16.89 P.R.C.	" " " " "
17	4361.96	5005.88	17+42.76 P.R.C.	" " " " "
18	4806.19	5189.89	22+76.83 P.O.C.	" " " " "
19			27+18.84 =	" " " 0+00 W. Serv. Rd Spk
20	4622.18	5634.12	28+10.90 P.O.C.	" " " Spk W & Tin
21	4271.49	5578.73	31+84.44	" " 0+00 Arb. Serv. Rd
22	4240.48	5548.70	32+27.64 P.R.C.	" " " Spk. W & Tin
23	3774.87	5389.45	37+41.15 P.R.C.	" " " " "
24	3629.74	5388.86	38+87.06	" " " " "
25	3481.80	5330.23	40+47.21 P.C.C.	" " " " "
26			2+33.64	Ent. Circle Rd " " "
27	3615.86	5681.69	0+05.00	W. Serv. Rd " " "
28			0+00	" " " " "
29	(on ℄ Staff Ent. Rd) →		45.33 W. ℄ Baldwin	Staff Ent Rd set Lot in conc Apron
30	3600.85	5998.33		" small spk.
31			4+85.02	W. Serv. Rd. Spk W & T.
32	4265.15	5712.45	6+55.02	" " " " "
33			8+37.02	" " " " "
34			10+19.02	" " " " "
35	4798.55	5737.74	11+89.02	" " " " "
36			0+00	Rd. Three No. " " "
37			0+00 - Pt	" Four No " " "
38			1+42.00	Rd. One South " " "
39			1+42.00	Arb. Serv. Ent Rd " "
40			1+47.00	Rd-One North " " "
41			1+59.00	Rd. Two " " " "
42			1+66.50	" " " " " "
43			1+59.00	" Three " " " "
44			8+53.00	East Serv. Rd " " "
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				

SEE F.B. 1661-85 FOR ADDITIONAL CONTROL

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

Do not extend notes this side of this line.

RETURN TO LOS ANGELES COUNTY SURVEYOR 726 LOS ANGELES COUNTY ENGINEERING BLDG.

78F3008 247 4-53

F.B. 1679 Pg. 280

Coordinates				
North	East	Sta.		Remarks

NORTH ACRES ROAD
CENTER LINE CURVE DATA

PAGE 229	No. 11	Δ = 250° 13' 41
"	" 17	R = 340'
"	" 19	T =
"	" 21	L = 1484.88
"	" 22	
"	" 16	Δ = 65° 30' 00"
"	" 17	R = 460
		T = 295.88
		L = 525.87
"	" 22	Δ = 57° 41' 25"
"	" 23	R = 510
		T = 280.90
		L = 513.51
"	" 16	Δ = 104° 17' 10"
"	" 14	R = 290'
		T = 373.10
		L = 527.84
"	" 23	Δ = 20° 23' 25"
"	" 24	R = 410
		T = 73.73
		L = 145.91

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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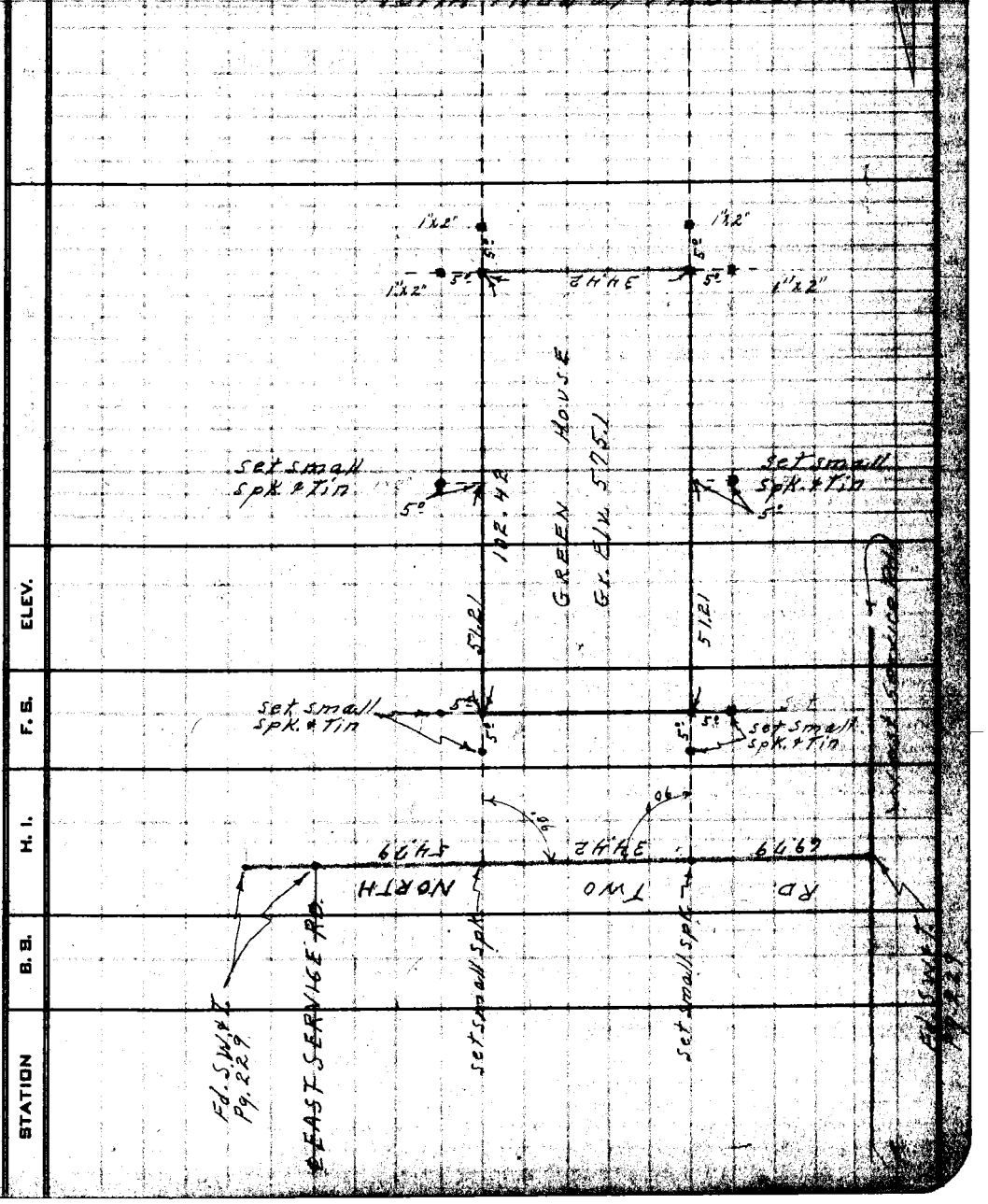
Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 5227 Division No. ____ F. S. 7649

Survey of Arboretum

No. ____ Date ____ Date ____ Map No. ____ Index ____ O. Job ____

Construction Stakes for
GREEN Rd.
North Area of Arboretum



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

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

Do not extend notes this side of this line.

761.298 207 4-60

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
	Elev - for Staking Green Ho.					
					Fd. Spk in Base of 24" Oak N-side 1155± S. of N.E. Fence Cor #34 2' W. Fence Line	
	180	588 96		587 16	Elev 587.16	F.B. 1679-13
T.P.			914	579 82		
	060	580 42				
			532	575 1	Finished Ground Grade Elev. 575.1 (1x2 Stakes Blue-Tops) Setateach Bldg Cor. (+ near ctr. of E+W. Bldg. line)	
T.P.			060	579 82		
	938	589 20				
T.P			204	587 16	Elev - 587-16 - see above -	

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____
Date ____ Date ____ No. ____
Survey of ____ Notes Chkd ____ Checked ____ X-Sec. ____
Survey by ____ Date ____ Date ____ No. ____
Indexed ____ Date ____

Pg. 232

Notes Ck'd by M. OSHITA	Survey of [illegible]
Map No. [illegible]	W. O. [illegible] Tape No. [illegible]
Office Work M. HAMASU	Surveyed by D.E. Holmes
Checked M. OSHITA	Notes [illegible]
Date 1-30-67	Indexed [illegible] C. Johnson 10-26-53

F. B. 1649 Pg. 233

J.N. 5063

STATE & COUNTY PARKING LOT.

Survey of Portions of

Lots 5 & 6 of Tr. # 949 M.B. 17-13

See pg. 238 for improvements

Holmes
Barilotti
Hand
West
Cericola

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

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 4-53

F.B. 1649 PG. 234

Cont'd. bot. Pg. 237

US 45-B-4

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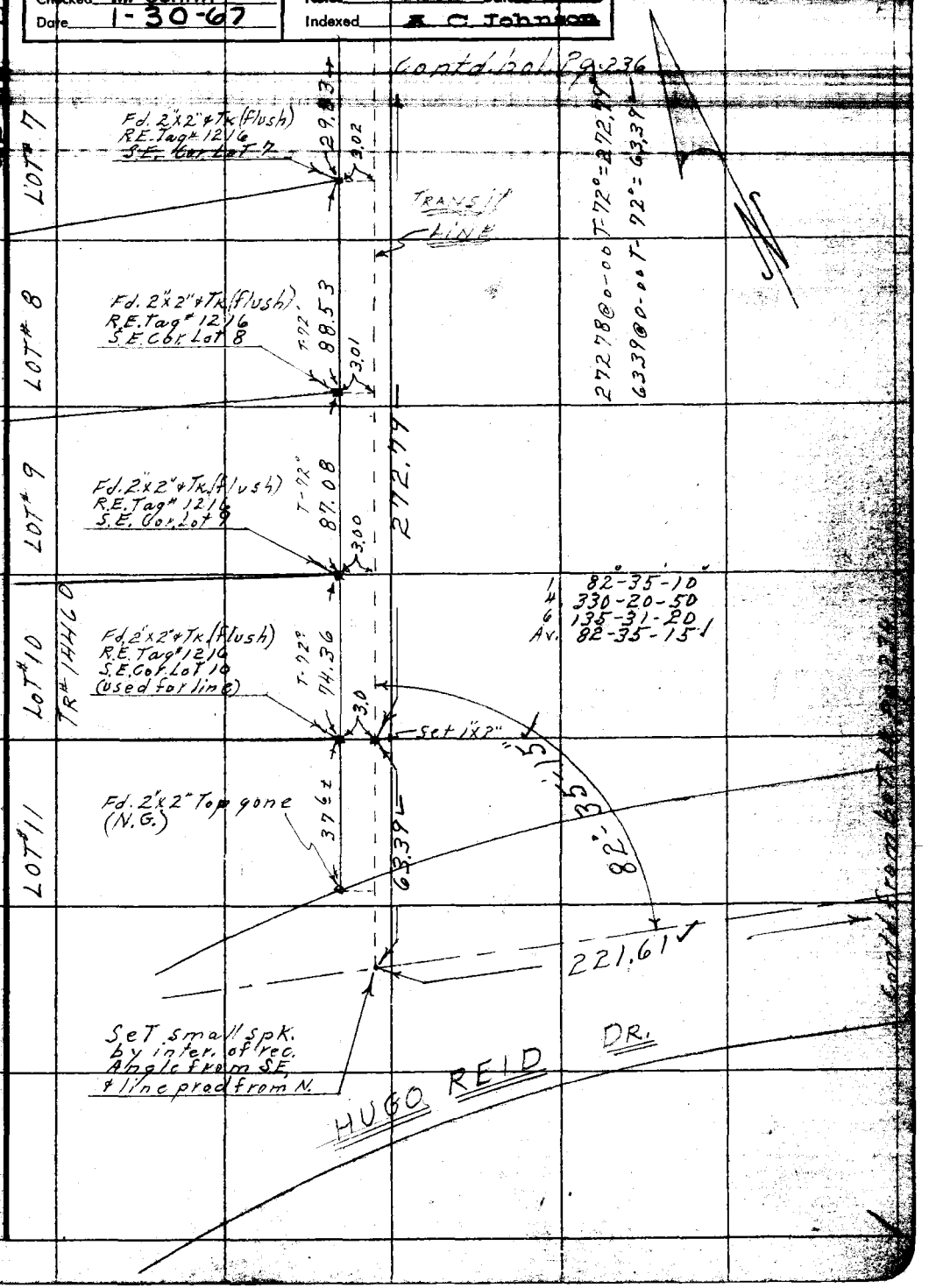
Notes Ck'd by M. OSHITA	Survey of Arboretum Parking Lot
Map No. B-3027	W. O. 5063 Sheet No. 0148 Std. 68
Office Work M. HAMASU	Surveyed by D.E. Holmes
Checked M. OSHITA	Notes D.E.H. Date 10-23-53
Date 1-30-67	Indexed A. C. Johnson

F.B. 1679 Pg. 235

W.S. 45-B-4



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

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726 LOS ANGELES COUNTY
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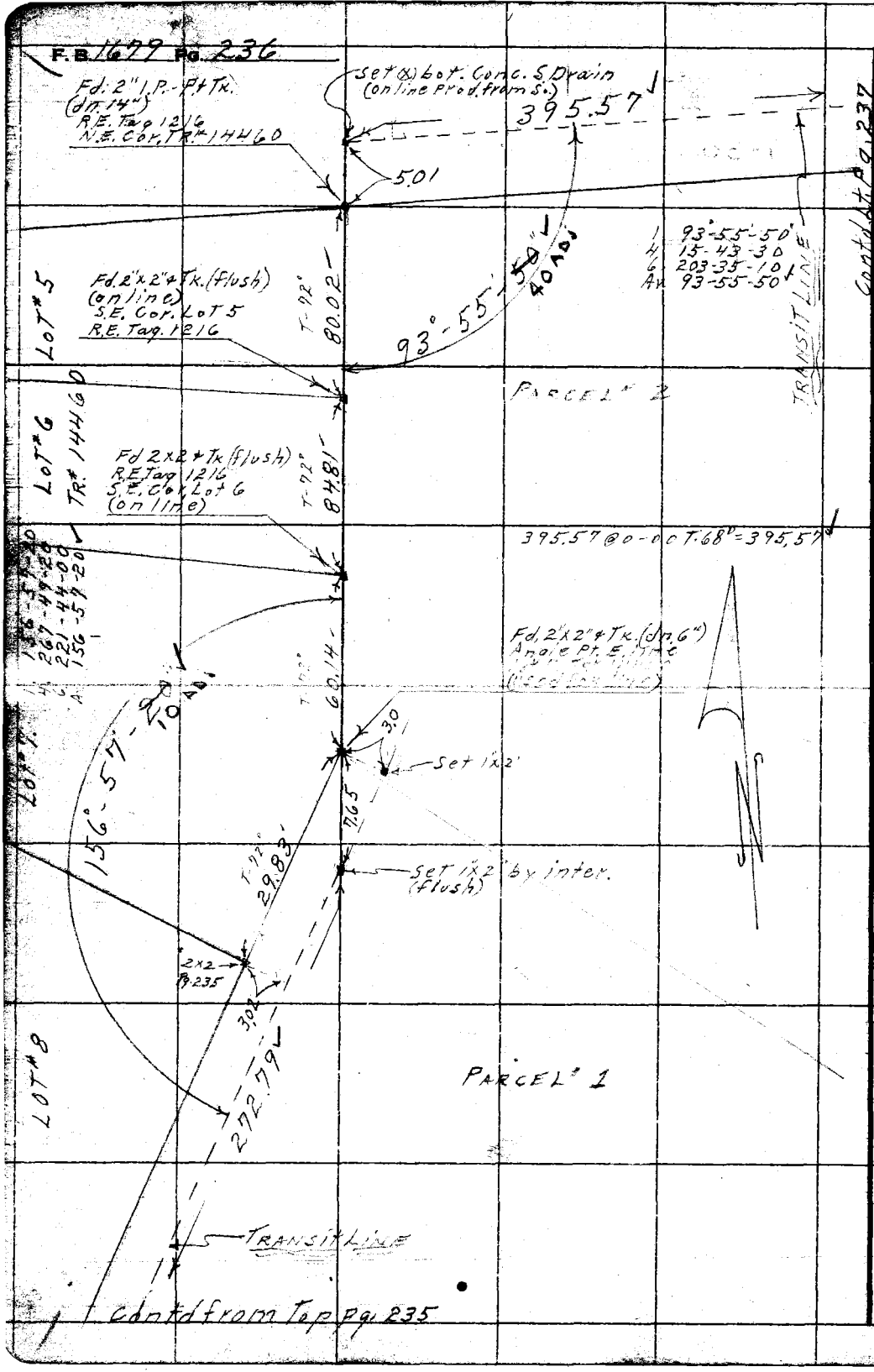
76F3098 247 4-53



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76F3095 247 4-53

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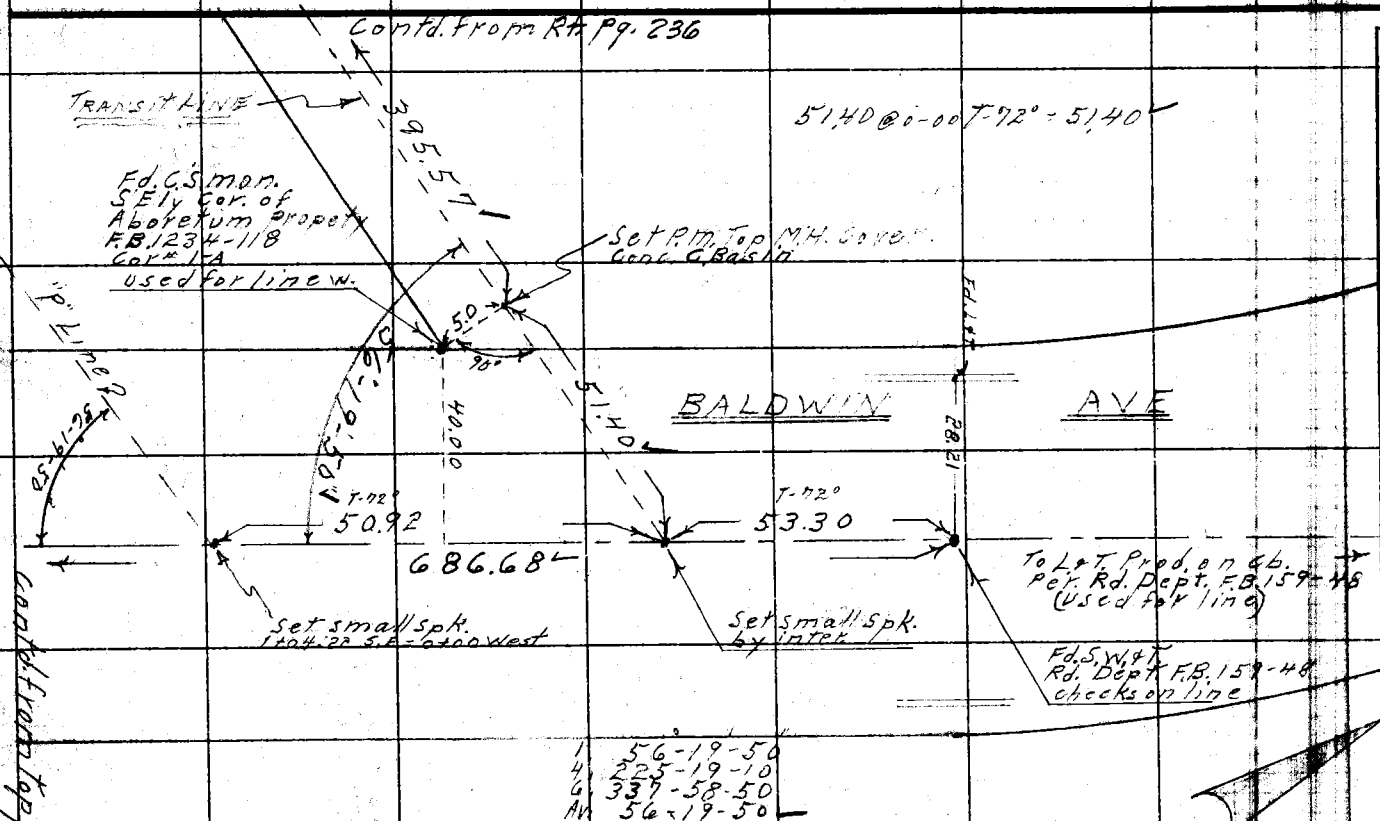

Notes Ck'd by M. OSHITA
Map No. 5-3027
Office Work
Checked M. OSHITA
Date 1-30-67

Survey of
W. O.
Surveyed by
Notes
Indexed

F. B 1679 PG 237

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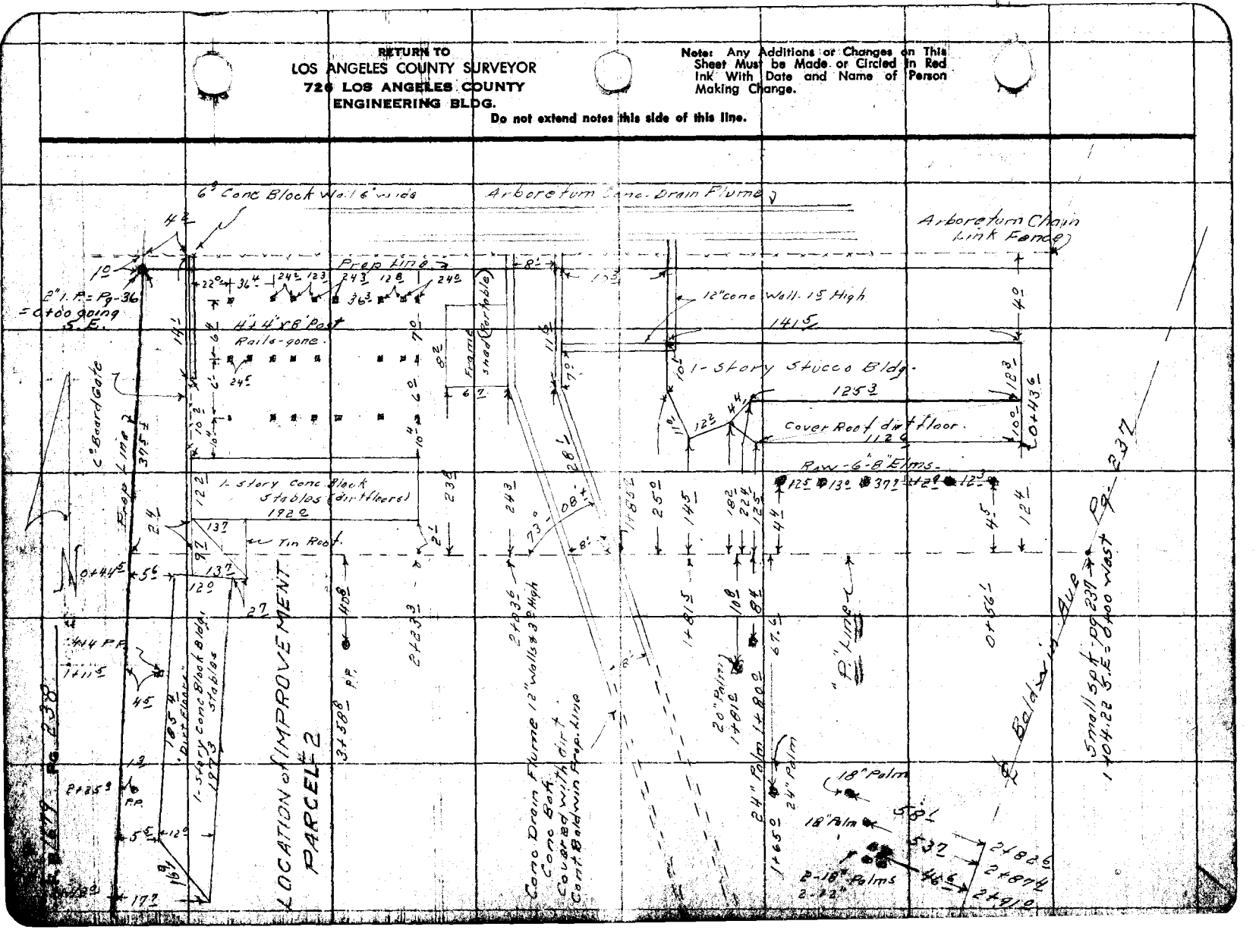

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 5323-0 Division No. V

F.B. 1679

Date _____ Date _____ Survey of ARORETUM

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by Brown Harris 12-3-[illegible]

Date _____ Date _____ Map No. _____ Indexed [illegible] Johnson Date 12-13-[illegible]

ARBORETUM
J.N. 5323-0

BENCH LEVELS

L.L BROWN
G.O HARRIS
P. YAKIMOF
D.J. JOANIS

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

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

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76L298 307 10-51

76L298 307 10-51

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ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	ARBORETUM
FD T.B.M				587 16	T.B.M SET BT. SPK. IN BASE OF 24" OAK (N. SIDE) 155± (S) OF N.E. FENCE COR. #34-2 (W) OF FENCE LINE AS PER F.B. 1679-13
	022	587 38			
T.P			944	577 94	BT. SPK IN PAV.
	226	580 20			
T.P			873	571 47	1X1
	280	574 27			
FD B.M. B-5			752	566 75	B.M. B-5 BT. SPK. IN LEAD N.E. COR OF CAMBRIDGE DR & BALDWIN AVE 3'(E) OF N.E.C.R. ELEV. 566.673 F.B. 1234-131
	447	571.22			
T.P.			769	563 53	
	663	570 16			
FD T.B.M.			910	561 06	T.B.M. TP. OF 1" I.P. (DN 24") N 4200 & E. 5600 AS PER F.B. 1679-10
	980	570 86			
SET T.B.M.			482	566 04	T.B.M. BT. SPK. ℄ INT SERV. ENT. & (W) SERV RD. F.B.
	815	574 19			
SET. T.B.M.			239	571 80	T.B.M BT. SPK ℄ INT (W.) SERV. RD. & RD # ONE NORTH
	595	577 75			

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. BVD Date 12-29-83

Job No. 53230 Division No. V

Survey of ARBORETUM

Survey by BROWN Notes HARRIS

Indexed E. C. Johnson Date

76L298 307 10-51

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	ARBORETUM
(SET) T.B.M.		577 75	422	573 53	T.B.M. BT. SPK ℄ INT. (W) SERV. RD. & RD. TWO NORTH F.B.
(SET) T.B.M.	676	580 29	276	577 53	T.B.M. BT. SPK 4' (W) OF ℄ PROD OF (W) SERV RD. & (N) SD. OF RD. THREE NORTH F.B.
	11 05	588 58			
T.B.M.			142	587 16	SEE TP. OF PRECEEDING PG.

Profile
No. ____ Notes Red ____ Plotted ____ Job No. 5323-0 Division No. V F.B. 1679 Pg. [illegible]
Date ____ Date ____ Survey of ARBORETUM
~~X-Sec.~~ Notes Chkd. [illegible] Checked ____ Survey by [illegible]
No. ____ Date 12-24-52 Date ____ Map No. ____ Indexed ____ Date ____

1679 PG. 242

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

Survey of _____ Date _____ Date _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____

Profile No. _____

X-Sec. No. _____

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

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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78L298 307 10-51

Notes Ck'd by	Survey of Arboretum Admin. Bldg.
Map No.	W. O. 1021.29 Tape No. 113 St'd. 84 of
Office Work	Surveyed by R.C. Wilson
Checked	Notes R.C.W. Date 7-23-54
Date	Indexed L. C. Johnson 7-27-54

F.B. 1679 Pg. 243

"P" Line
Coordinates
&
℄ Baldwin Avenue
for
Topography
Arboretum Administration Building

R.C. Wilson
L.C. Love - H.C.
K.E. Willits - R.C.
A. Snyder - R.C.

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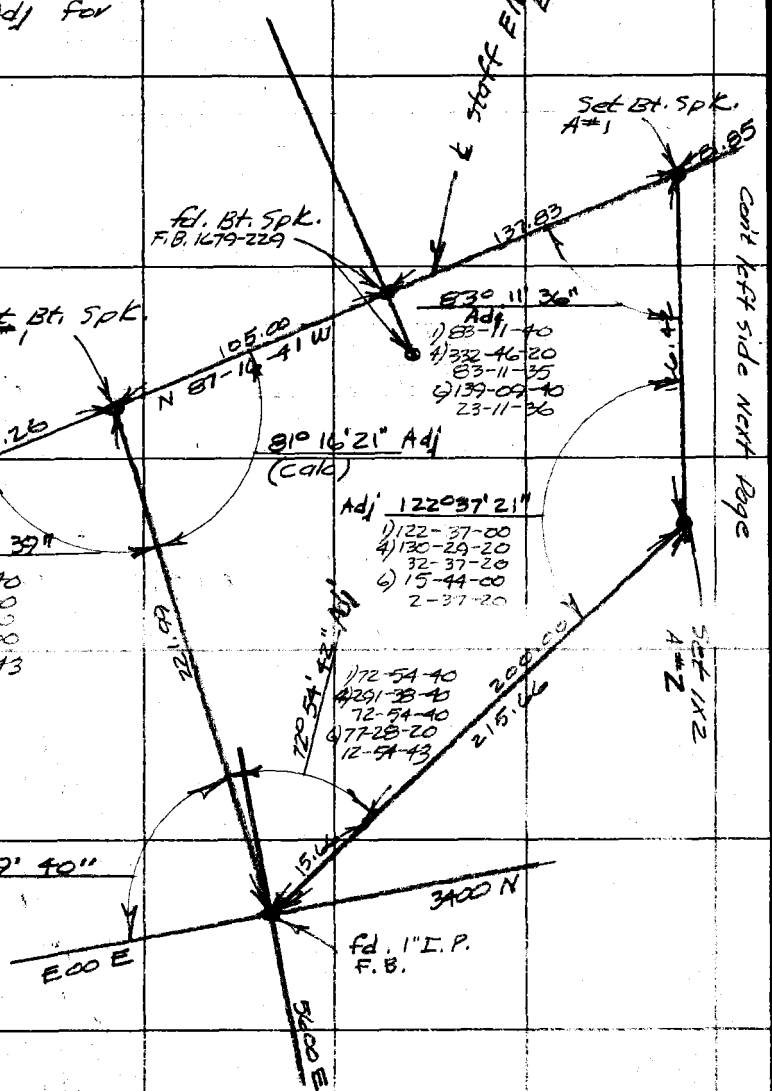
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3093 247 4-53

F.B. 1679 PG. 244

Note: Angles Adj for 3600° closure
Adj = 04"



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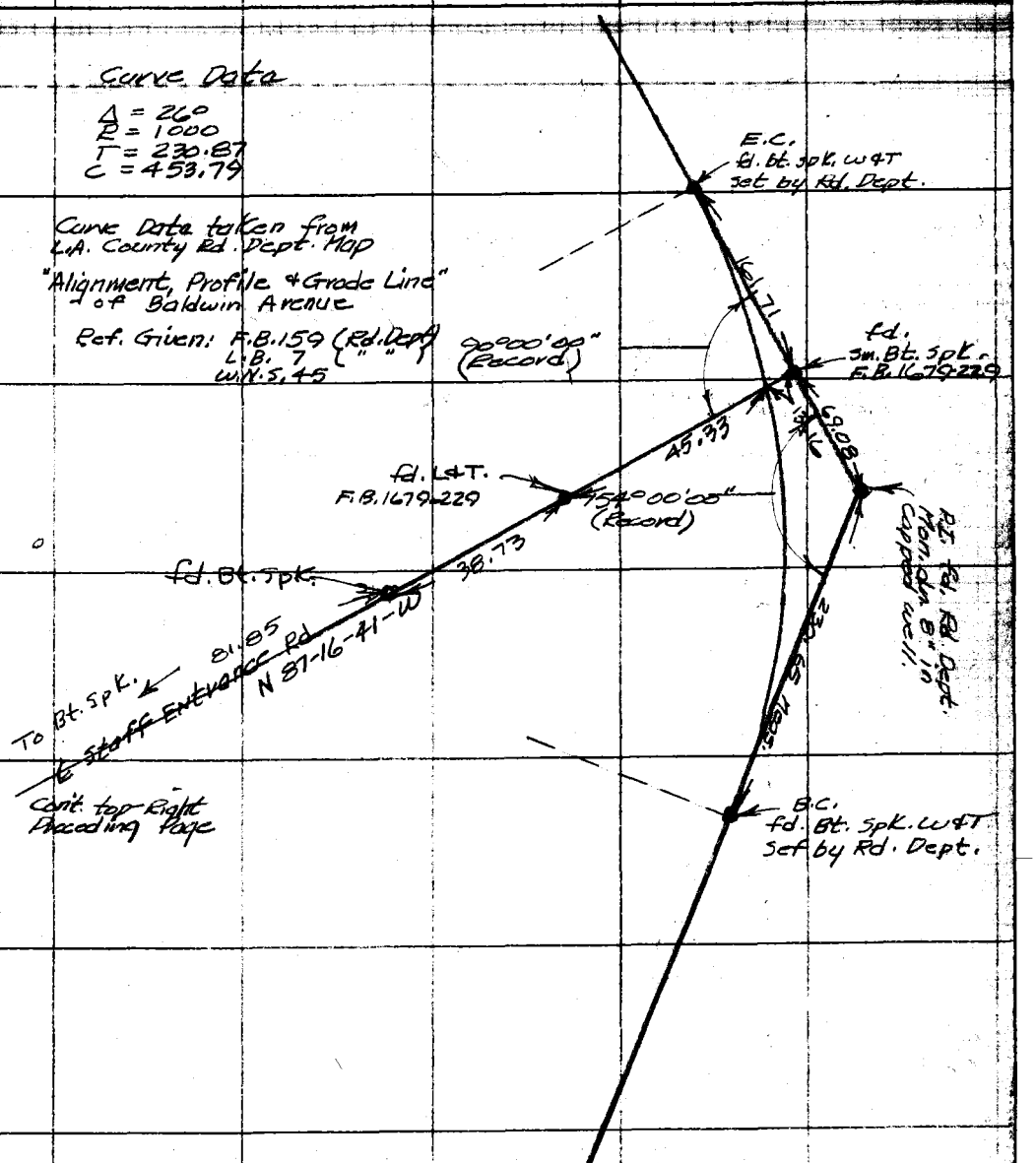
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Baldwin Avenue
Map No.	W. 00021 Tape No. 113 Sr'd 84 °F
Office Work	Surveyed by E.C. Wilson
Checked	Notes R.C.W. Date 7-23-54
Date	Indexed E. C. Johnson

F. B. 1679 PG. 245

Curve Data
Δ = 26°
R = 1000
T = 230.87
C = 453.79

Curve Data taken from
L.A. County Rd. Dept. Map
"Alignment, Profile & Grade Line"
of Baldwin Avenue
Ref. Given: F.B. 159 (Rd. Dept)
L.B. 7
W.N.S. 45



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 4-52

F.B. 1679 PG. 246

Coordinates;

		E	N
1X2	A#2	5798.4	3484.6
Bt. Spk. ℄ of Staff Ent. Rd.	A#1	5819.3	3609.3
Bt. Spk ℄ of Staff Ent. Rd	B#1	5776.8	3620.8
200' S.&E. of B#1		5791.7	3421.9
15.66 N&E of	1" I.P. N 3400 E 5600	5614.4	3406.1
Int. Baldwin Ave & Staff Ent. Rd. ℄	Bt. Spk. (F.B. 1679-229)	5998.3	3600.9
P.I. Baldwin Ave.		5994.9	3531.8
B.C. Baldwin Ave		5884.2	3329.5

Coordinates Based on 1" I.P. E 5600 - N 3400
N 3400 line Assumed EAST & WEST for
base line:

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Profile No. | Notes Red. | Plotted | Job No. 0021.29 | Division No. 10 | F.B. 1679 Pg. 247
Date | Date | Survey of
X-Sec. No. | Notes Chkd | Checked | Survey by R.C. Wilson | Notes R.C. Wilson | Date 6-21-54
Date | Date | Map No. | Indexed J. Johnson | Date

Bench Levels For
20 scale
Topography At

Main Entrance Gate

ARBORETUM

J.N. 0021.29

STATION	B.S.	H.I.	F.S.	ELEV.
			R.C. Wilson L.C. Love K.E. Willits 6-21-54	

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76L298 307 10-51

76L298 307 10-51

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ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
1" I.P.				51[illegible] 82	dn. 16" F.B. 1661-90-86 R.P. 25' to ℄
1" I.P.	4 96	516 78	5 95	51[illegible] 83	I.P. dn. 12" E 5000 ~ N 3000
T.P.	7 69	518 52	3 44	51[illegible] 08	
B.M.	6 19	521 27	1 91	51[illegible] 36	Set P.K. Nail in lead in southern end of a curb, part of a division in the Main entrance road, 86± N. of the e.c. a 1" I.P. fl. in road, F.B. 1661-85 & F.B. 1669-229.
1" I.P.	1 90	521 26	7 92	51[illegible] 34	N 3000 E 5200, dn 24"
1" I.P.	9 96	522 30	4 75	51[illegible] 55	N 3000 ~ E 5300, dn. 18"
1" I.P.	2 36	519 91	10 40	5[illegible] 71	N 2800 ~ E 5300, dn. 30"
1" I.P.	5 79	515 30	3 48	51[illegible] 52	dn. 16" F.B. 1661-90-86 R.P. 25' to ℄
T.P.	4 345	516 165	4 640	51[illegible] 25	
T.P.	6 130	517 655	3 520	51[illegible] 35	
T.P.	9 660	523 195	2 205	5[illegible]	
B.M.	6 80	527 79	3 82	52[illegible] 7	B.M. ~ Bt. spk. in top of s.w. cor. of a c. Basin, E. of Gate entrance ~ N 2940 E 4448.5 Elev. 523.87 F.B. 1661-89

Profile
No.
X-Sec.
No.
Plotted
Date
Checked
Date
Notes Red.
Date 6-21-54
Notes Chkd.
Date
Job No. 0021.29
Division No. 10
Survey of Arboretum Bld. Site
Survey by R.C. Wilson
Notes R.C.W.
Indexed C. Johnson
Date
F.B. 1679 PG 248

Notes Ck'd by M. OSHITA	Survey of Arboretum
Map No. B-3027	JN 0016.02 Tape 0207 Std 68 °F
Office Work M. HAMASU	Surveyed by Petri
Checked M. OSHITA	Notes Petri Date 11-15-66
Date 1-30-67	Indexed C. J. GALLI NOV 21 '66

F. B. 1679 PG. 249

J.N. 0016.02

11-15-66

Arboretum Parking Lot

Tie of Transit Line on Hugo Reid Drive

To ℄ Baldwin Ave.

Ref.
F.B. 1679
Tr. # 12786
" 14460

Petri
Bowles
Beaudry
Guizado

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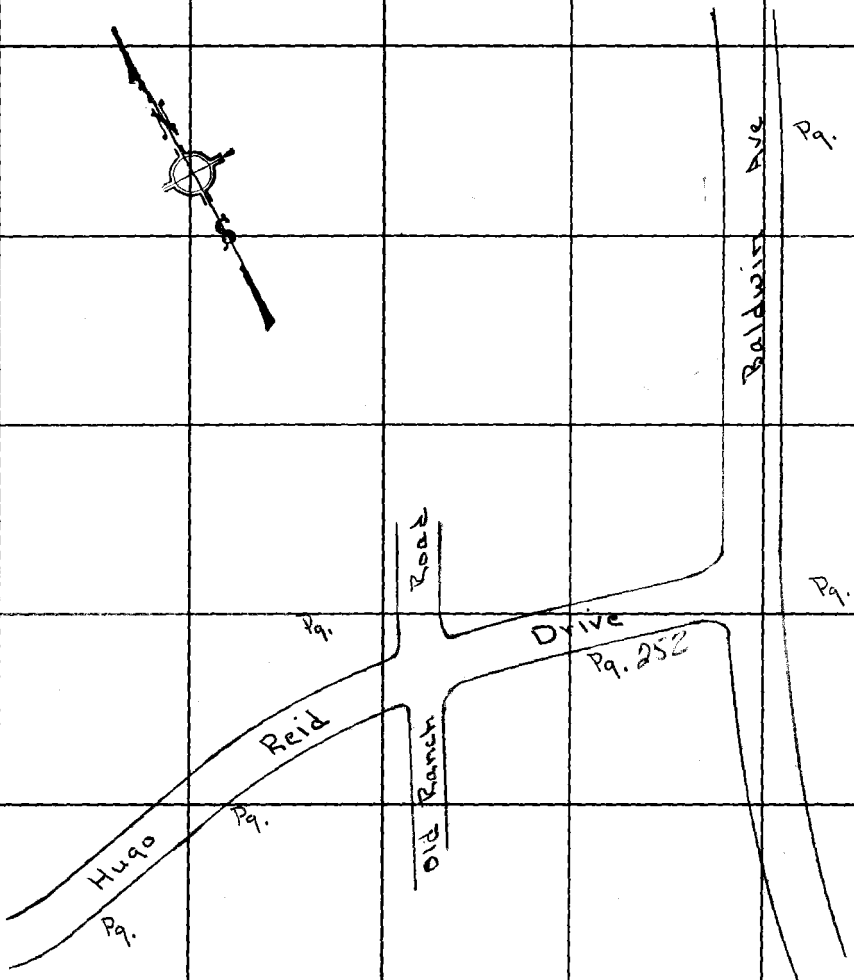
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 1679 PG. 250

Index



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403 Los Angeles County Engineering Bldg.
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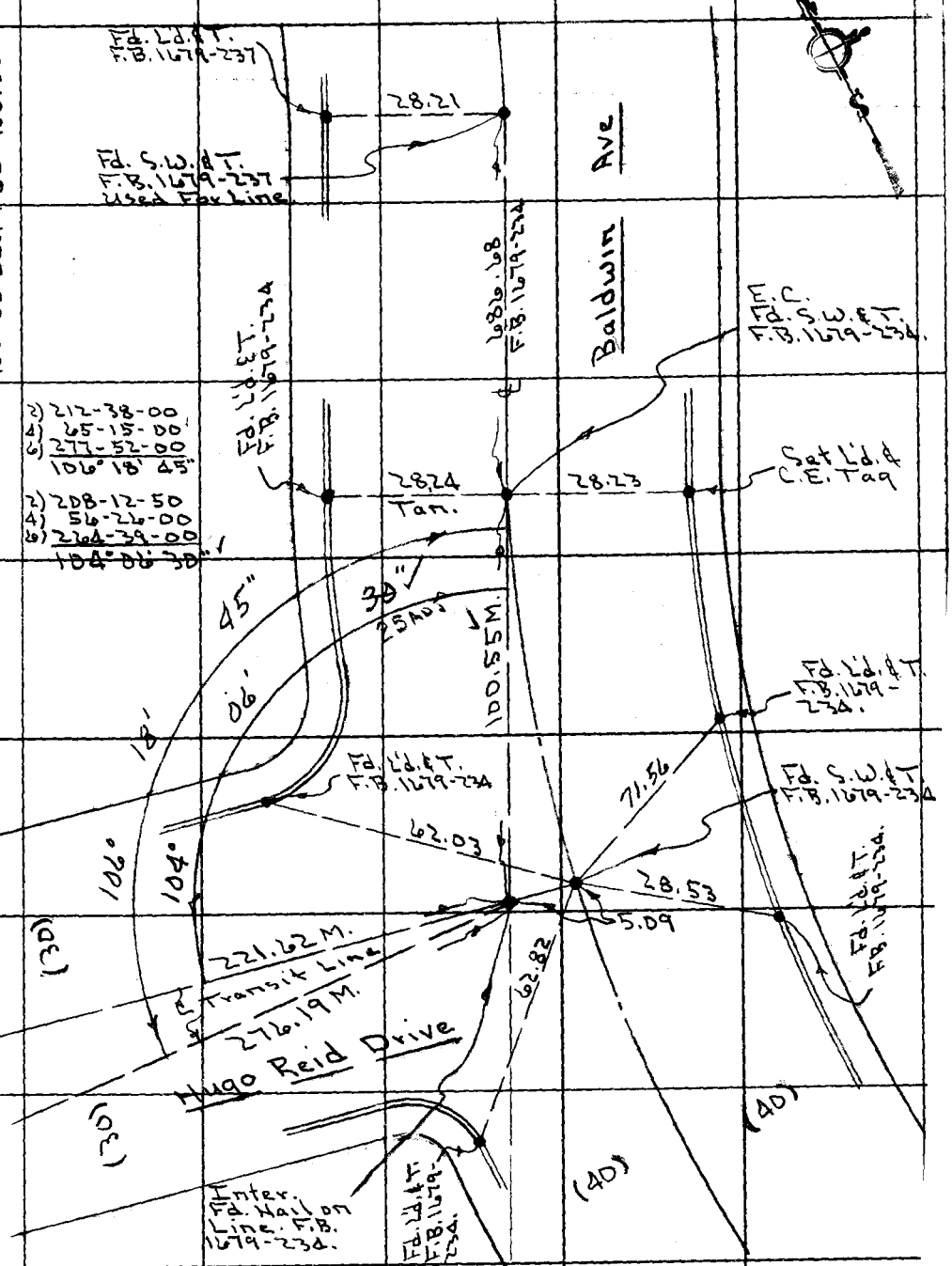
Notes Ck'd by M. OSHITA	Survey of Arboretum
Map No. B-3027	JN DD116.02 Tape 0207 Std 68 °F
Office Work M. HAMASU	Surveyed by Petri
Checked M. OSHITA	Notes Petri Date 11-15-66
Date 1-30-67	Indexed C. J. GALLI

F. B. 1619 PG. 251



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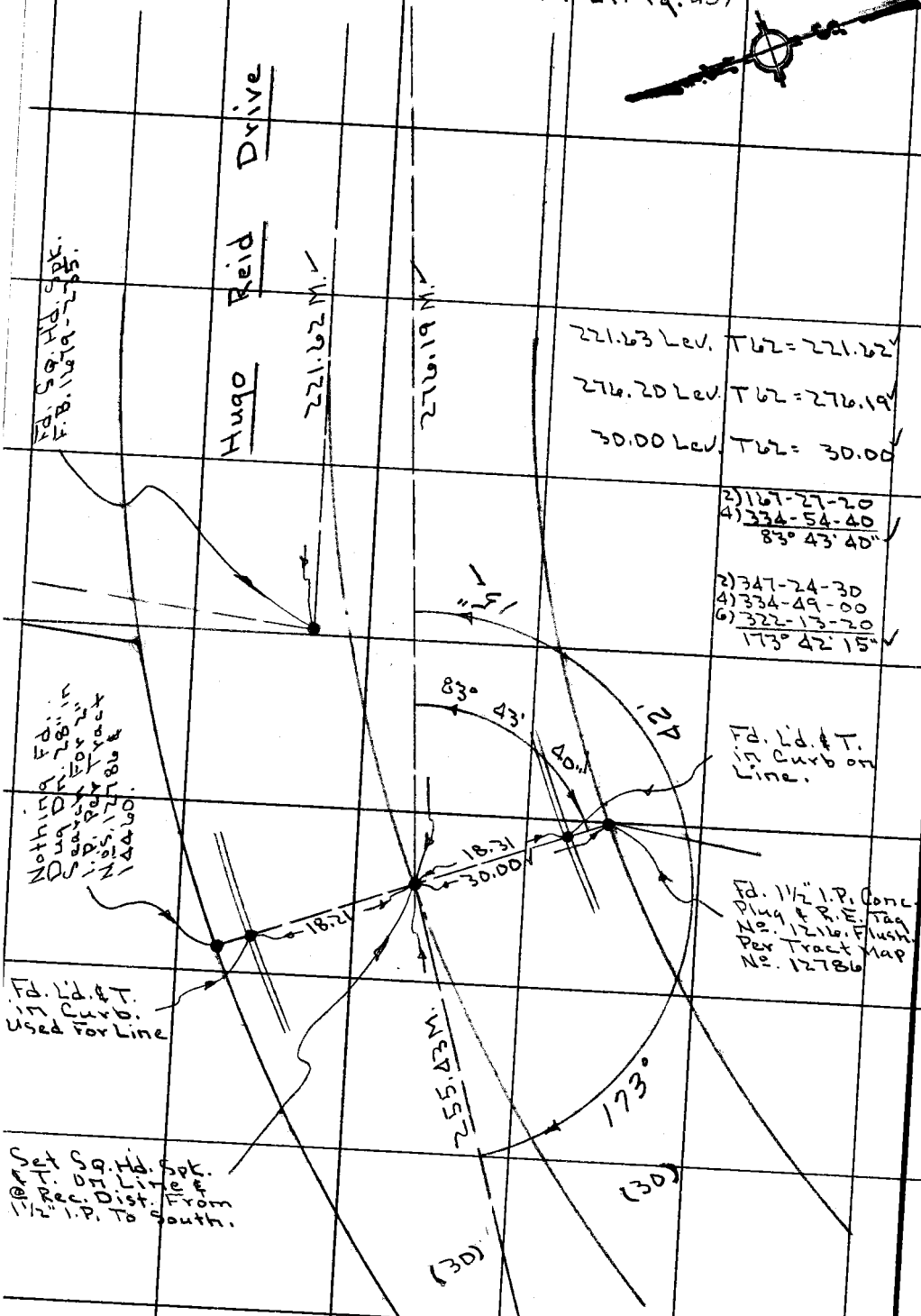
76F309S CE#310 1-65

F. B. 1679 PG. 252

Cont. From Lt. Pg. 251



Cont. on Top Pg. 253

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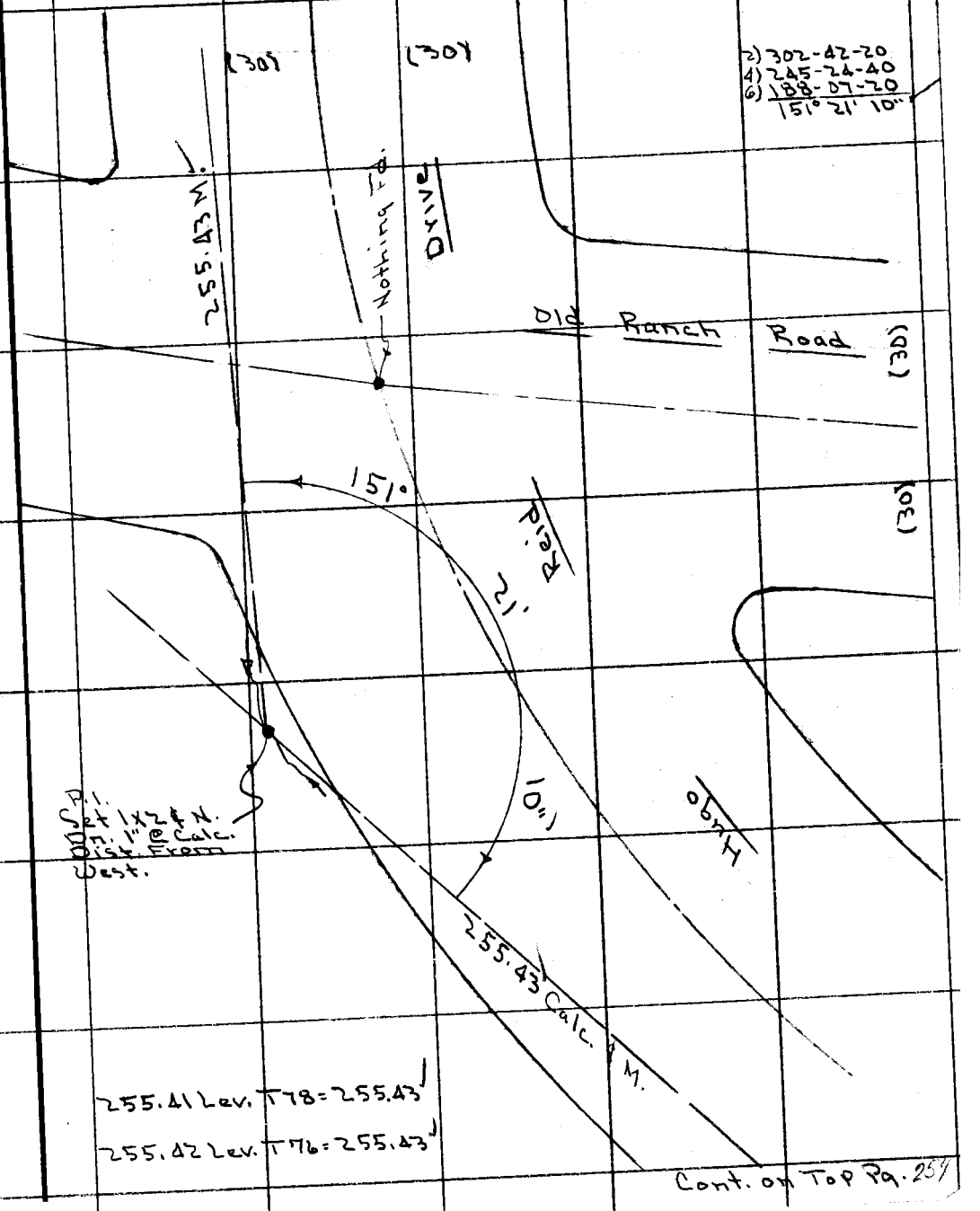
5

Notes Ck'd by M. OSHITA	Survey of Arboretum
Map No. B-3027	JN DD 16.02 Tape D207 Std 68 °F
Office Work M. HAMASU	Surveyed by Petri
Checked M. OSHITA	Notes Petri Date 11-15-62
Date 1-30-67	Indexed C. J. GALLI

F. B. 1679 PG. 253

Cont. From Top Pg. 252



Cont. on Top Pg. 254

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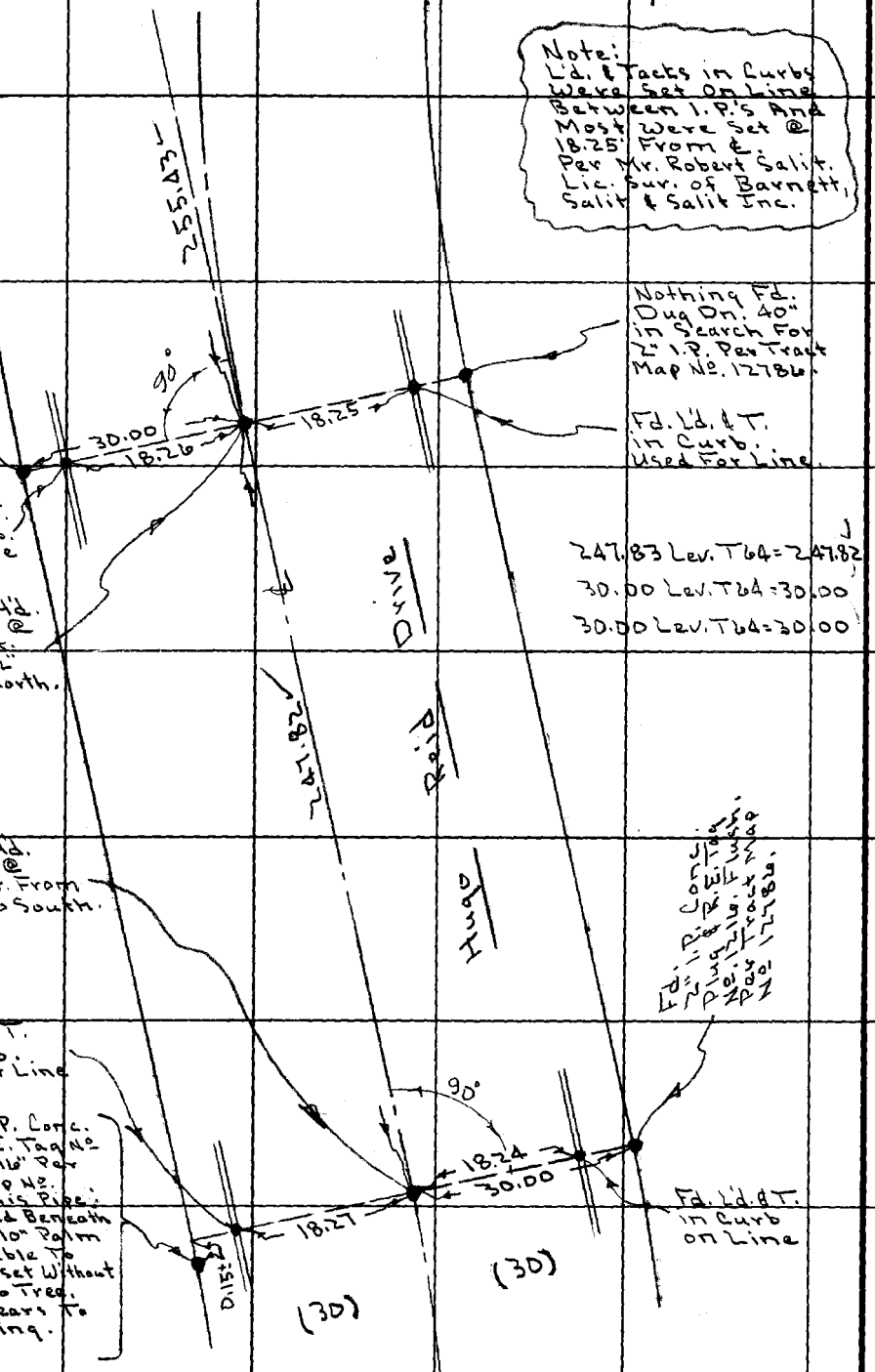
76F309S CE#310 1-65

F. B. 1679 PG. 254

Cont. From Bot. Pg. 253

Note:
Ld. & Tacks in Curbs
Were Set On Line
Between I.P.'s And
Most Were Set @
18.25' From &.
Per Mr. Robert Salit.
Lic. Sur. of Barnett,
Salit & Salit Inc.



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 M. OSHITA	Survey of Arboretum
Map No. B-3027	JN D0116.02 Tape 2207 Std 48 °F
Office Work M. HAMNU	Surveyed by Petri
Checked M. OSHITA	Notes Petri Date 12-12-64
Date 1-30-67	Indexed C. J. GALLO DEC 14 '66

F. B. 1679 PG. 255

12-9-2020

J.N. D0116.02

Arboretum ~ Hugo Reid Parking Lot

Establishment and Monumenting
Of Property Corners.

Ref:
F.B. 1679
Staking Sketch

Petri
Bowles
Guizado
Beaudry

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 1-65

F. B. 1679 PG. 256

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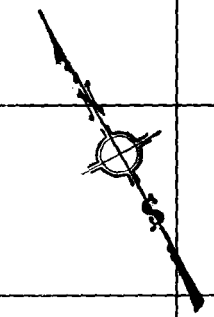

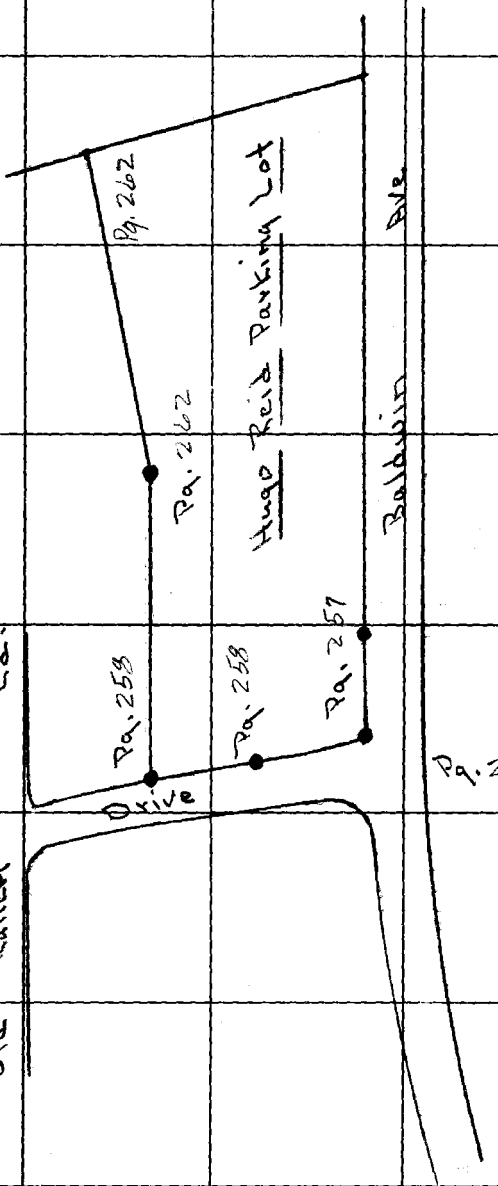

● = C.E. Mon's Set

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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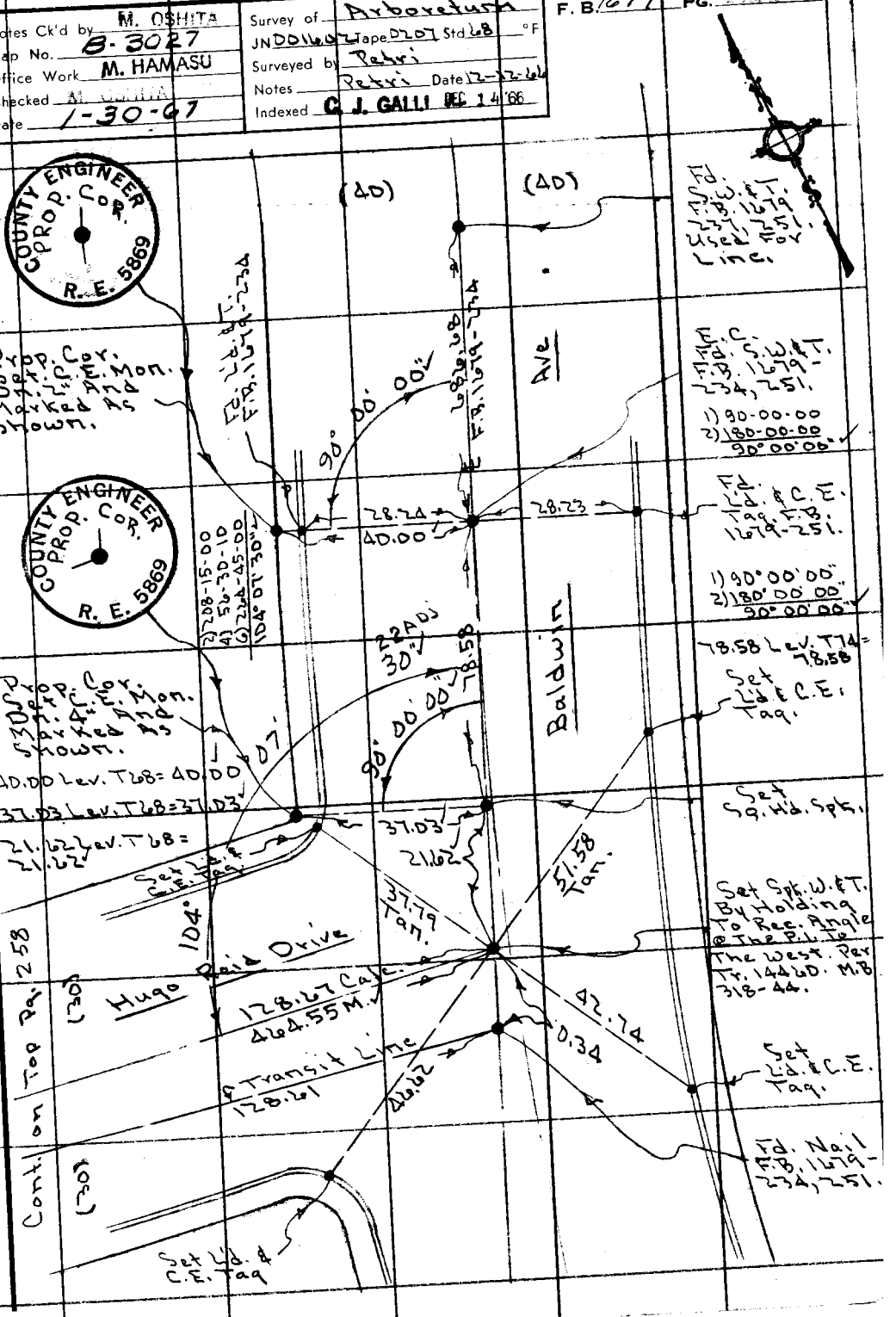
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by M. OSHITA
Map No. B-3027
Office Work M. HAMASU
Checked M. OSHITA
Date 1-30-67

Survey of Arboretum
JN D01602 Tape D207 Std L68 °F
Surveyed by Petri
Notes Petri Date 12-22-66
Indexed C. J. GALLI DEC 14 1966

F. B. 1679 PG. 257



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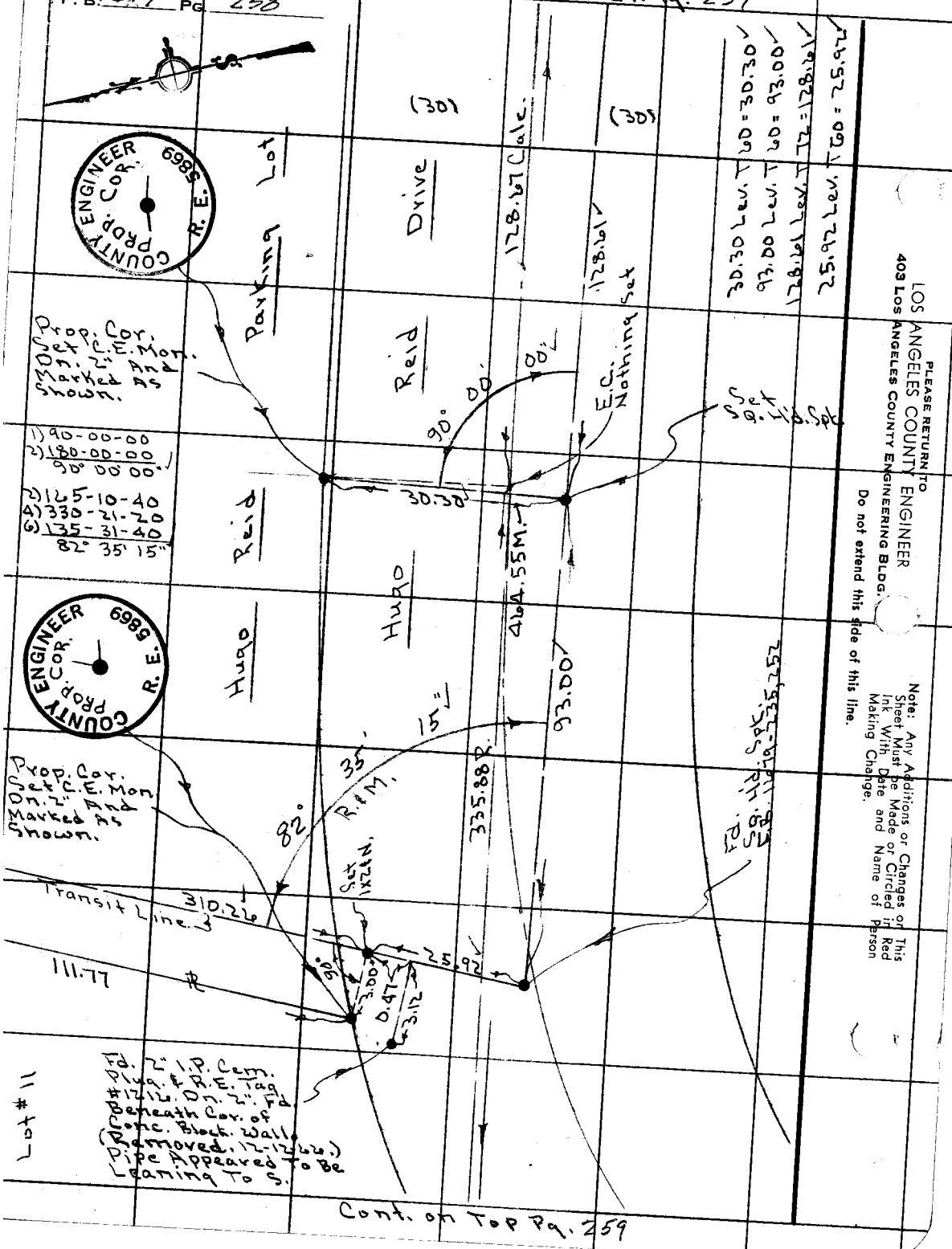
76F309S CE#310 1-65

Cont. From Lt. Pg. 257



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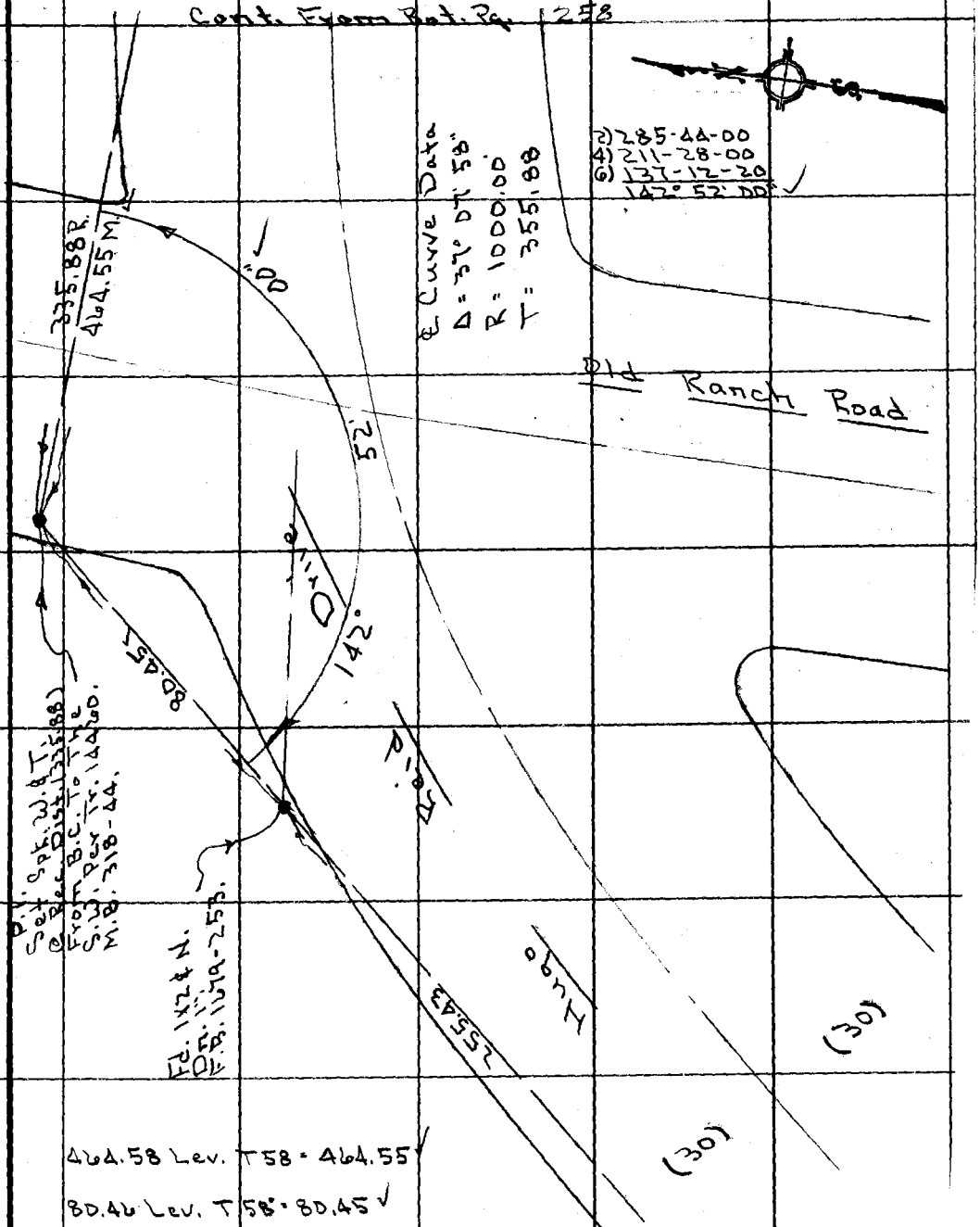
Cont. on Top Pg. 259

Notes Ck'd by M. OSUTA	Survey of Arboretum
Map No. B-3027	JNDD1602 Tape D207 Std 28 °F
Office Work M. HAMASU	Surveyed by Petri
Checked M. OSUTA	Notes Petri Date 12-12-26
Date 1-30-67	Indexed C. J. GALLI

F. B. 1679 PG. 259

Cont. From Bot. Pg. 258



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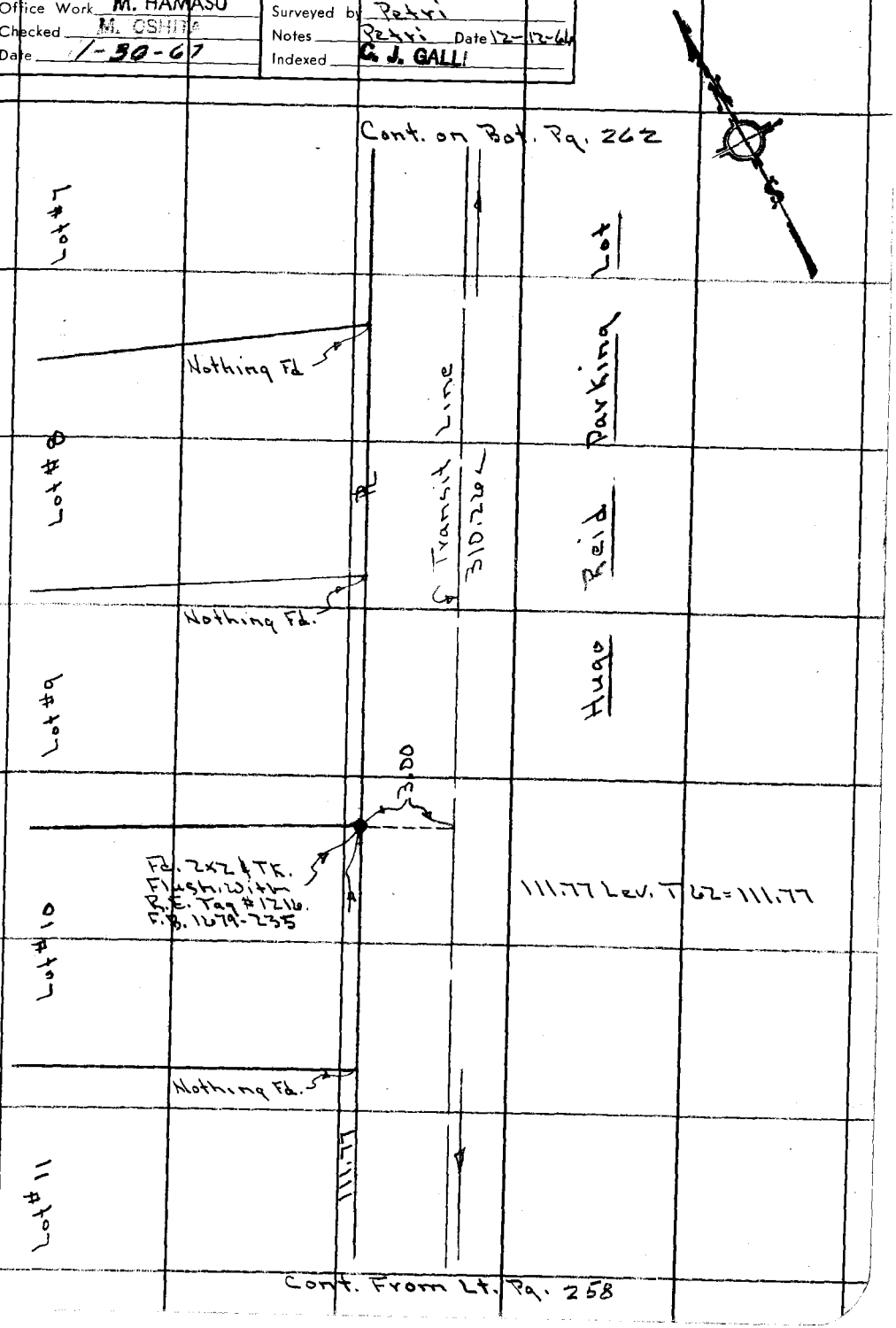
26F309S CE#310 1-65

F. B. 1679 PG 260

Cont. From Bot. Pg. 259

Notes Ck'd by M. OSHITA	Survey of Arboretum	F. B. 1679 PG. 261
Map No. B-3027	JN 001602 Tape 0207 Std 68 °F	
Office Work M. HAMASU	Surveyed by Petri	
Checked M. OSHITA	Notes Petri Date 12-12-66	
Date 1-30-67	Indexed C. J. GALLI	



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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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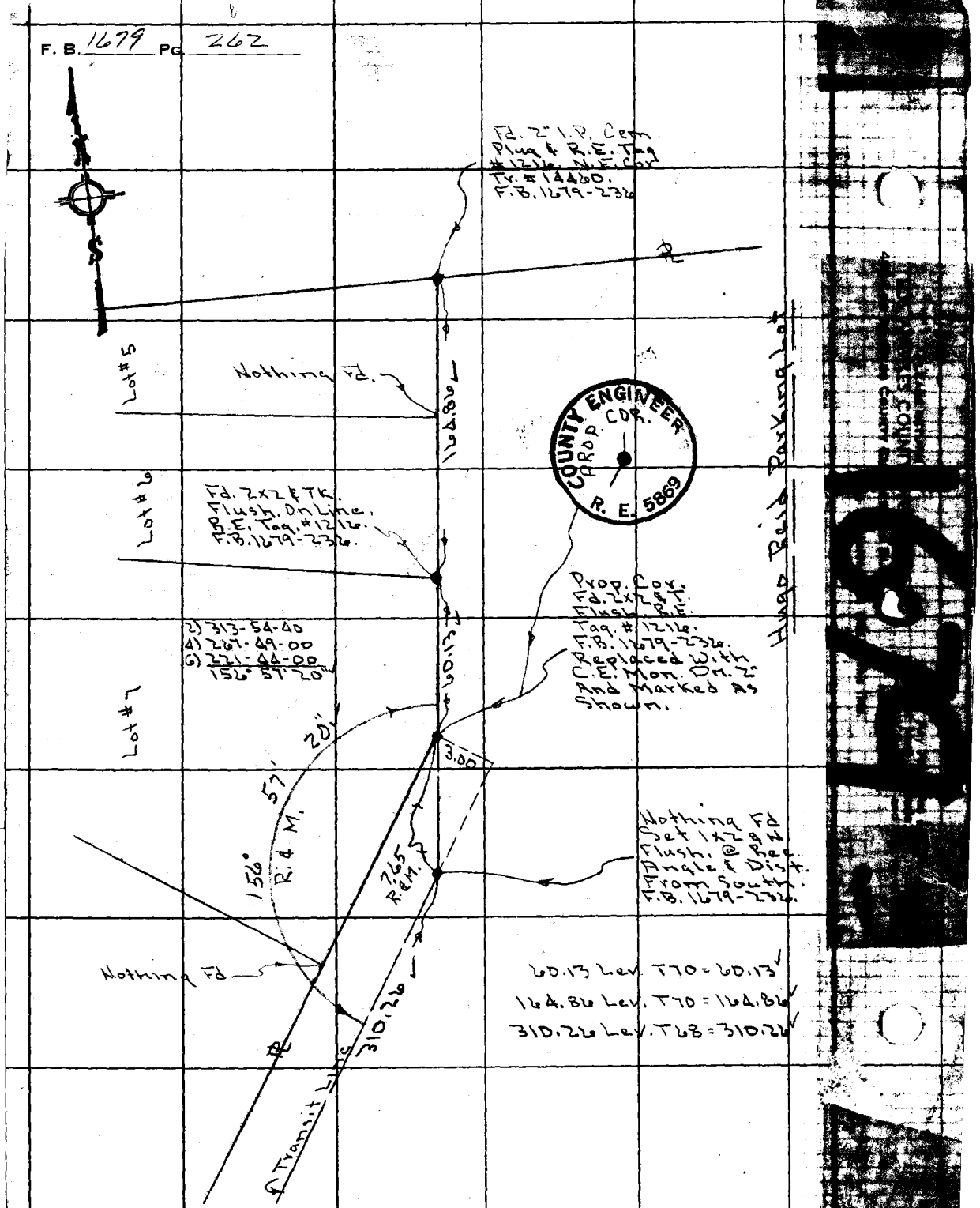
F. B. 1679 PG. 262



Cont. From Top Pg. 261