

1161

POSTER

FIELD BOOK

No. 133

Elliott St.

1161

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- No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.
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THE FREDERICK POST CO.
ENGINEERING and DRAFTING SUPPLIES
 IRVING PARK STATION
 CHICAGO, ILL.

MICROFILMED

DEC 6 1964

Inspected

X. Sec. Alley Blk M. Univ. Hts. ^{Bahot Utah} Copy to Collier	1
Sewerberils Ward Road 38 th to Madison	3
" " " Alley 39 to 40 N. of Madison	4
" " " " 38 to 39 " " "	5
X Sec. E. side Rosecrans Canyon Rd. to Talpot	7
c.b. levels Ridge Road Chatsworth to Warrington	9
" " " Wild Wood Rd. Chatsworth to Redondo	11
X Sec. Ret. of east Redlands	14
" " Hrosa to east end	15
" " Gilcher	
" " Soria Dr. to Adams Hc.	16
" " Adams Ave.	24
" " Boundary from Myrtle to Univ. Hc.	25
" " Nightman. and - 33 rd St.	30
" " Myrtle from Boundary to Nile	32
" " Dwight " " " "	34
" " Landis " " " "	38
" " Upas " Felton to Boundary	40
" " Browning " Willow to Chatsworth	43
c.b. Ele. 49 th " El. Gjon North 52 and - 50	
X Sec. " " " " " "	52
" " Trogan " AB to Altadena	62
" " 49 th St. recent fill Orange North	76

Cross Section of Alley Block N. Dowd, Hybla.
Between Idaho + Utah From Copley to Gillier

26' W. side

BM 200 392.04 389.04

TP 734 394.19 5.19 386.85

BM 373 395.08 2.84 391.25

0+0 = 71.2 Gillier

E Top Cb + Ground 4.89

Cal. For Fixing 4.76

S 4.3

W Top Cb + Ground 4.88

Cal. For Fixing 4.74

5.1

N 3.9

S 3.9

+5 3.8

+7 3.0

E 2.5

2.5 N

E 2.3

S 2.5

N 2.7

6.2 N

105 Garage Concrete Floor 2.03

N 2.6

S 2.5

E 2.4

7.2 N

E 2.2

45 N JILL
Garage Concrete Floor
2.09

395.08

1
CAL 26

Z 2.0

Z 2.2

100' N

N 2.2

Z 2.0

E 2.2

140' N

E 2.0

Z 2.0

N 1.9

117 Garage Dirt Floor 1.7

170' N

N 1.9

Z 1.8

E 1.9

200' N

E 1.7

Z 1.9

N 1.9

245' N

N Garage Dirt Floor 1.8

Z 1.7

E Garage Dirt Floor 1.5

290' N

E 1.7

Z 1.6

N 1.4

113 N JILL
Garage Dirt Floor
2.0

157 N JILL
Garage Concrete Floor
1.68

257 N JILL
Garage Dirt Floor
1.5

395.08

300 N. S. L. Copley

TP	1.62	396.30	1.40	393.68
W	Top Ch. + Ground		3.31	
	Cut for Paving		3.61	
S			2.1	
E	Ground		3.1	
	Top Curb		3.17	
	Cut for Paving		3.61	

Some Levels & Filler Between 39th + 40th St
North Madison Normal Hgts.

See Sketch Page 3

Station	Notes	Reading	Height	Remarks	BM	Reading	Height	Remarks
10+0		31	369.7		B.M. 467	375.69	369.02	on stub M+232 AP
+38.8	A.L. 23° 12' = 1/4" / 16"	357	369.25				467	369.02
11+0		49	367.9		+20 N		78	367.9
+50		58	367.0		+50 N		68	368.9
12+0		61	366.7		+75 N		43	371.4
+41.8	A.L. 20° 06' = 3/8" / 16"	586	366.94	on stub	+10 N		38	371.9
13+0		57	367.1		+50 N		48	370.9
+50		53	367.5		+75 N		51	370.3
14+0		49	367.9		+10 N		69	368.8
+50		43	368.5		+50 on back		81	366.1
+73.2	ΔP 11° 53' = 2" / 16"	378	369.02	on stub				
77	477	373.79	378	369.02		375.69		
15+50		45	369.3		0+0		67	369.02
16+00		41	369.7		+30		74	368.1
+50		36	370.2		+44		66	369.1
+99.8	A.P. 11° 47' = 2" / 16"	334	370.45	on stub	+50		65	369.2
17+50		40	369.8		+75		52	370.5
18+0		18	369.0		+200		54	370.3
+50		55	368.3		+50		54	370.3
+81.5	Finishing Mark etc	606	367.73	on Pitt	+100		54	370.3
Flat line		2019	353.60		+25		44	371.3
					+50		32	372.5
					+100		26	373.1
					+50		39	372.6
					+75		29	373.0
					+10		37	372.0

Some Levels & Filler Between 39th + 40th St
South Madison Block J. Total M+3

47569

4.50		4.0	371.7
5.10		4.8	370.9
7.50		5.1	370.6

Sixer Levels & Alley Between 38th & 39th St.
North Madison

5

See Sketch Page 8

BM	552	37481	369.29	015405 10388.11
0.0 - 104388	552		369.29	005406
1.25 N	47		368.1	
1.85 N	41		368.7	
1.50 N	46		368.2	
1.25 N	45		367.3	
1.10 N	58		366.0	
1.75 N	102		364.4	
1.50 N	112		363.5	
2.10 N	127		362.7	
1.50 Break	131		361.7	

Sixer Levels & Alley Between 38th & 39th St.
South Madison Ave.

37481

0.0 - 104388	552		369.29
1.25 S	57		369.0
1.05 S	50		369.8
1.50 S	50		369.8
1.10 S	41		370.7
1.50 S	49		370.8
2.10 S	34		371.4
1.50 S	17		372.9
1.85 S	41		373.7
3.10 S	11		373.7

Center Levels E 40th N Madison

	252		370.5
070	-16+99.8 E 40th N Madison	252	370.45
50' N		30	370.0
100' N		35	369.5
150' N		42	368.8
200' N		48	368.2
250'		62	366.8
300' N		81	364.4
350' N		120	361.0
400' N		156	357.4

370.5 on 5th E 40th N Madison
1699.8

Center Levels E 39th N Madison

	294		366.94
070	-12+91.8 E 39th N Madison	294	366.94
50' N		34	366.5
100' N		35	366.4
150' N		37	366.2
200' N		38	366.1
250' N		40	365.9
300' N		44	365.5
350' N		44	365.5
376' N Top Curb End St.		502	364.85
385' N Brook Drive 1/2 Way		622	363.6

314.94 on 5th E 39th N Madison

X See E. Side Rose exams.
Canon Road To Talkot

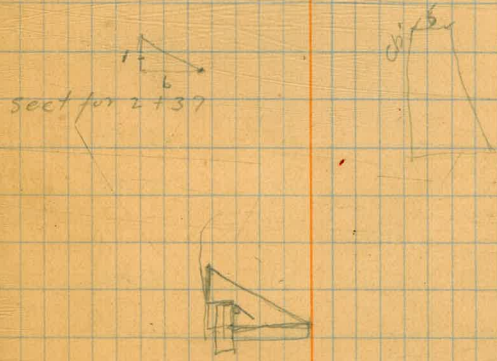
BM	4.21	24.86	20.65	5 M Rose exams + Canon Road cl. grade
S. Line Canon Road				
7' W of E Line		5.0	19.9	
10' W " " = cl		5.0	19.9	19.50
15' " " " = E edge Paving		5.60	19.3	
50' S				
7' W of E Line		5.2	19.7	
10' " " " = cl		5.3	19.6	19.25
15' " " " = E. PAVING		5.75	19.1	
100' S				
7' W of E Line		5.0	19.9	
10' " " " = cl		5.3	19.6	19.00
15' " " " = PAVING		5.95	18.9	
150' S				
7' W of E Line		5.6	19.3	
10' W " " " = cl		5.5	19.4	18.75
15' W " " " = PAVING		6.20	18.7	
200' S. = N Line Up Shur				
E. Line		5.1	19.8	
7' W of E. Line		5.4	19.5	
10' W " " " = cl		5.3	19.6	18.50
13' " " " "		5.4	19.5	
15' W " " " = PAVING		6.5	18.4	
N cl				
E Line		5.1	19.8	
E cl		5.4	19.5	
+4		5.8	19.1	
+5 = PAVING		6.5	18.4	

24.86
6.5 + N. cl

E Line	6.5	18.4	
S cl	6.5	18.4	
+5 = PAVING	6.5	18.4	
N 1/4			
E Line	5.5	19.4	
" cl	5.7	19.2	
+5 = PAVING	6.5	18.4	
E			
E. Line	5.1	19.8	
" cl	5.5	19.4	
+5 = PAVING	6.5	18.4	
S. 1/4			
E Line	4.8	20.1	
E cl	5.1	19.8	
+5 = PAVING	6.5	18.4	
S. cl			
E Line	4.8	20.1	
E. cl	5.3	19.6	
	6.5	18.4	
S. Line Up Shur			
E. Line	4.8	20.1	
7' W of E Line	4.9	20.0	cl grade
10' " " " = cl	5.3	19.6	18.50
+5 = PAVING	6.53	18.3	

		24.86				cl grade	
B T.P.		5.2	25.26	4.86	20.00		
		5 Line Up Shur w. side of Rosecrance					
7' W	9' E of W Line		5.3	20.0	19.50		
10' W	10' E of W Line = cl		5.3	20.0	19.50		
15' W	15' E of W Line = Roadway		6.0	19.3			
		50' S W side					
7' W	9' E of W Line		4.8	20.5			
10' W	10' " " " = cl		4.8	20.5	20.13		
15' W	15' " " " = Roadway		5.5	19.8			
		E side					
7' W	9' W of E Line		4.9	20.4			
10' W	10' " " " = cl		5.2	20.1	19.25		
15' W	15' " " " = PAVING		6.2	19.1			
		100' S E side					
7' W	9' W of E Line		4.5	20.8			
10' W	10' " " " = cl		4.5	20.8	20.00		
15' W	15' " " " = PAVING		5.5	19.8			
		W side					
7' W	9' E of W Line		4.0	21.3			
10' W	10' " " " = cl		4.0	21.3	20.77		
15' W	15' " " " = Roadway		5.0	20.3			
		150' S W side					
10' W	9' E of W Line		3.2	22.1			
13' W	10' " " " = cl		3.2	22.1	21.40		
15' W	15' " " " = Roadway		4.2	21.1			
E L							
E C							
+4							
+5							

		25.24				Rosecrance	
						cl grade	
		150' S E side					
7' W	9' W of E Line		3.8	21.5			
10' W	10' " " " = cl		4.1	21.2	20.75		
15' W	15' " " " = PAVING		4.7	20.6			
		200' S = N Line Tall pot E side					
7' W	9' W of E Line		2.7	21.6			
10' W	10' " " " = cl		2.8	22.5	21.50		
15' W	15' " " " = PAVING		4.1	21.2			
		W side					
7' W	9' E of W Line		2.5	22.8			
10' W	10' " " " = cl		2.5	22.8	22.04		
15' W	15' " " " = Roadway		3.8	21.5			
		2237 and 1' high					



Top Curb Levels Ridge Road.
From Chatsworth to Harrington

60' wide
40' Roadway

18565

8
820.71
820.50
820.33
Harrington

Concrete Walk, Curb & Gutter Entire Length

BM	12.50	173.21	160.41	12.50	173.21	160.41	12.50	173.21
		6+82 = Sta. to Chatsworth		S			12.01	73.64
							11.50	
S		12.53	160.38	S			10.32	75.33
N		15.68	157.53	N			10.95	74.70
		6+32.6 = Sta.					9.25	
N		14.60	158.54	N			9.63	76.04
S		18.23	160.48	S			9.09	76.56
		6+0					11.00	
S		11.08	162.13	S			9.81	77.85
N		13.24	160.97	N			8.56	77.09
		5+7.5					34.75	
N		9.72	163.49	N			9.90	77.85
S		8.47	164.74	S			9.15	78.50
		5+4.0					3-5.0	
S		5.69	167.54	S			6.56	79.09
N		9.92	166.19	N			11.05	74.60
		5+2.5					34.85	
N		4.20	168.94	N			6.33	79.34
S		3.27	169.94	S			6.00	79.65
		5+0.0					34.0	
S		1.20	171.91	S			5.41	80.44
N		2.01	171.70	N			5.65	80.00
		4+7.5					24.95	
N		0.09	173.12	N			4.91	80.74
S		0.09	173.12	S			4.69	80.98
TP	12.53	185.25	173.12				6.50	
							3.90	81.75

Ridge Road

19565

10

N		415	81.50
		2125	
N		229	84.36
S		205	84.60
		240	
S		199	83.66
N		228	83.37
		1725	
N		110	84.55
S		065	85.00
TP	11.82	197.46	185.64
		1450	
S		1105	86.41
N		1171	85.75
		170	
N		887	88.59
S		796	89.50
		0450	
S		477	92.69
N		582	91.64
		010 = EL Washington	
N		227	94.69
S		151	185.95

Top Carb Levels Wild Wood Road
From Chate north glid to Redondo St
on side
of Roadway

Cont. Carb + 25 ft
Entire length

1951

11
9-20-76
J. H. S.
3115
North St

BM	1234	182.52 ✓	170.18	NE Chate north of Roadway	N	4.58	90.54
		5.30 = 1/4 Chate north on N line			N	2.93	94.17
N		1206	170.46		TP	1609 206.71 ✓	6.41 194.02
		540			S		11.45 95.46
N		1084	171.68			17.50	
		4.55 = F.C. 30 ft. on N line			S		7.31 99.40
N		8.10	74.14		N		8.26 198.25
S		8.30	74.47			14.0 E	
Middle Curve		9.44	73.06		N		4.39 104.34
S End Return		8.90	73.64		S		6.15 103.56
		4.75 = 1/4 Lane F.C. 5 ft. on N line		Cont. Carb + 25 ft Entire length	TP	1204 219.37 ✓	6.30 206.41
N		6.40	76.14			6.50 E	
		3.95 = F.C. 5 ft. on N line			S		4.72 407.65
N		4.11	78.41		N		12.89 06.38
S		3.42	79.10			0.10 = F.L. Harrington St.	
TP	1260	195.10 ✓	182.50		N		9.11 10.76
		3.50			S		7.81 11.56
S		12.22	84.53			N 21 Harrington St. 0.10	
N		13.23	84.07		S		7.03 17.34
		3.10			N		7.88 11.39
N		9.02	86.08			0.50 N	
S		8.13	86.97		N		6.06 13.31
		2.15 = F.C. 20 ft. 5 ft. on N line		Cont. Carb + 25 ft Entire length	S		5.19 14.18
S		6.02	89.07			1.10 N	
		2.15 = F.C. 20 ft. 5 ft. on N line			S		4.38 16.09
S		3.52	91.58		N		3.98 15.59

219.37

234.98 ✓

12

		1.50	
N		1.61	217.76
S		1.32	18.04
TP	12.33	231.60 ✓	219.27 ✓
		2.40	
N		11.13	20.47
S		10.60	21.00
		2.25	
S		8.50	23.10
N		9.02	22.58
		2.50	
N		6.45	25.15
S		6.28	25.34
		2.75	
S		3.82	27.78
N		3.85	27.75
		3.60	
N		1.71	29.89
S		1.92	29.68
		3.25	
S		0.22	30.88
N		0.43	31.17
TP	2.45	234.98 ✓	231.53 ✓
		2.50	
N		2.11	31.87
S		2.58	31.40

9. Curb
of 2.20

		3.75	
S		3.57	31.41
N		3.91	31.97
		4.10	
N		3.32	31.61
S		4.11	30.87
		4.25	
S		4.77	30.21
N		3.91	31.07
		4.50	
N		4.22	30.49
S		5.12	29.56
		4.75	
S		6.00	28.98
N		5.01	29.94
		5.40	
N		5.97	29.01
S		6.98	28.06
		5.25	
S		8.11	26.57
N		7.11	27.56
		5.50	
N		9.23	25.75
S		10.22	24.76
		5.95	
S		12.21	22.77
N		11.05	23.93

20498

20955

		610			
N		1287	777.16	612 to	
TP	0.29	22215 ✓	22215	6128	
S		148	20.97	Corby Sutton St	
		6125			
S		128	18.17		
N		295	19.50		
		6150			
N		510	17.35		
S		616	16.79		
		6175			
S		855	13.90		
N		753	14.92		
		710			
N		998	14.47		
S		1095	211.50		
TP	0.08	20955 ✓	20955		
		7125			
S		104	408.51		
N		208	409.47		
		7150			
N		208	6.57		
S		401	5.54		
		7175			
S		701	204.54		
N		541	3.94		

		870			
		799	401.56		
		998	199.57		
		8125			
		1233	97.47		
		1022	99.33		
		8745 = 1/2 Redondo St			
		1201	97.54		
TP	241	19995 ✓	19995	197.54	
S		444	95.51		
		526	94.69		
		ACB of Redondo St			
		S Ch Redondo St	1204	189.91	
		H	828	190.97	

X SECTION S E L T R E T I R O S U B D I V .

OF A PORTION OF EAST T E D L A N D S .

14

	3.82	478.48		474.66
P	5.99		13.00	465.48
		471.47		
TP	4.87		5.23	466.24
		471.11		
B.M.			6.65	464.46
TP	5.33		6.42	464.69
		470.02		
TP	1.82		6.26	463.76
		465.58		
TP B.M.	0.40		6.72	458.86

MON. OF HIGHWAY T.O.F.W.A.Y AT ANGLE
(POINT NEAR 56TH ST. (SOUTH MON.))

HUB W.L. GILCHER AND N.L. ELCAJON
- HUB SW. COR. GILCHER AND ADAMS

TOP LOT STAKE 30+29 B L I C 3

- KOCIC NEAR SE. COR. SORIA AND ROSA STS.

A ROSA ST
45926
4593

50' WIDE 10' WALKS 7.5 QUARTERS

W.L. SORIA	20	22	28	28	24	25	26	32	27	28	34
	S	T	8	C	Q	E	Q	C	41	48	N
25W	36	42	40	40	42	41	42	41	52		
	S	C	Q	E	Q	C	N				
50W	66	68	71	68	71	73	77	77	80		
	S	Q	C	Q	E	Q	C	N			

P	0.63		11.89	447.37
---	------	--	-------	--------

100W	13	15	18	21	22	24	31	42
	S	C	Q	E	Q	C	46	N

113W	52	46	50	40	36	34	42	55
	S	C	Q	E	Q	38	C	N

= W END A ROSA ST

A ROSA ST 50' WIDE 10' WALKS 75' QUS.

15

B.M	566	46452	2	4586.9	45886.9	4570	456.3
W.C. Soria	7.1	76	72	73	76	80	75 74 82
	SL	C	Q	Q	C	41	48 N.L.
W.Q	68	72	70	71	73	77	73 73 79
	SL	C	Q	Q	C	41	48 N.L.
Q	65	71	69	69	71	75	72 72 79
	SL	C	Q	Q	C	41	49 N.L.
E.Q	64	70	67	68	69	74	70 70 79
	SL	C	Q	Q	C	41	48 N.L.
E.C	68	69	66	67	68	73	70 70 78
	SL	C	Q	Q	C	41	48 N.L.
E.L	63	66	65	65	66	71	67 69 74
	SL	C	Q	Q	C	41	48 N.L.
50' E	59	57	61	57	56	58	63 59 60 67
	SL	C	Q	Q	C	41	47 N.L.
100' E	54	53	57	58	52	52	59 56 58
	SL	C	Q	Q	C	41	41 N.L.
150' E	51	50	54	53	50	49	51 54 51 53
	SL	C	Q	Q	C	41	41 N.L.
200' E	51	50	53	49	48	51	52 54
	SL	C	Q	Q	C	41	41 N.L.
230' E	46	47	53	53	50	52	54 57 60
	SL	C	Q	Q	C	41	47 N.L.
W.C. Gilcher	54	55	56	58	58	60	62 N.L.
	SL	C	Q	Q	C	41	41 N.L.

ROCK NEAR B.F. COR SORIA AND A ROSA

W.L. GILCHER ST

AROSA ST. 50' WIDE - 10' WALLS 7.5 QU.

16

	48	49	48	50	53	56	61
W.Q.G. (E) C	48	49	48	50	53	56	61
S.L.	C	Q	Q	Q	Q	C	N.L.
E. Q.	47	50	53	55	58	62	73
S.L.	C	Q	Q	Q	Q	C	N.L.
F.C.	57	58	60	62	62	66	69
S.L.	C	Q	Q	Q	Q	C	N.L.
F.L.	58	63	66	63	71	73	91
S.L.	C	Q	Q	Q	Q	C	N.L.
50' E	77	93	104	118	126	52	82
S.L.	C	Q	Q	Q	Q	C	N.L.

P 3.76 1226 152.26

	35	50	55	61	72	82	102
95' E	35	50	55	61	72	82	102
S.L.	C	Q	Q	Q	Q	C	N.L.
115' E	11	13	22	24	27	24	26
S.L.	C	Q	Q	Q	Q	C	N.L.

EAST END AROSA ST.

GILCHER ST SECTIONED 60' WIDE
10' WALKS AND QUARTERS

216371

B.M. 1023 463.09 4158.86
50'S. OF S. L. ROSA 85 85 92 87 85 83 85 88 92 87 90
W.L. S1 C A7 Q ♀ Q 15 C 9 FL

= ROCK NEAR SE COR SORIA AND ROSA ST.

100'S 461.5 461.5 460.8 461.2 461.4 461.6 461.5 461.2 460.5 461.3 461.0
76 76 86 79 77 75 76 79 86 78 81
W.L. S1 C A7 Q ♀ Q 15 C 9 FL

150'S 461.9 461.5 461.0 461.6 461.9 462.1 461.9 461.8 461.3 461.9 462.0
72 72 81 75 72 70 72 73 78 72 71
W.L. S1 C A6 Q ♀ Q 15 C 9 FL

200'S 462.3 462.4 462.6 462.0 462.2 462.7 461.5 461.3 461.9 462.5 462.7
68 67 75 71 69 64 76 68 72 66 64
W.L. S1 C A6 Q ♀ Q 15 11 C FL

250'S 462.9 463.1 462.4 462.8 463.0 463.2 463.0 462.8 462.2 462.9 463.1
62 60 67 63 61 59 61 63 69 62 60
W.L. S1 C A6 Q ♀ Q 15 11 C FL

300'S 463.0 463.1 462.6 462.9 463.1 463.5 463.1 463.0 462.5 463.2 463.1
61 60 65 62 60 56 60 61 66 59 60
W.L. S1 C A6 Q ♀ Q 16 11 C FL

350'S 463.4 463.7 463.0 463.4 463.6 463.9 463.5 462.8 463.5 463.4
57 54 61 57 55 52 56 63 56 57
W.L. S2 C A6 Q ♀ Q 11 C FL

400'S 463.7 463.9 463.2 463.4 463.8 464.0 463.8 463.4 463.0 463.6 463.2
54 54 59 55 53 51 53 57 61 55 59
W.L. S1 C A6 Q ♀ Q 15 11 C FL

450'S 463.9 463.9 463.2 463.9 464.3 463.8 463.2 463.7 463.6
52 52 59 52 48 53 59 54 55
W.L. S1 C Q ♀ Q 11 C FL

500'S 463.9 464.0 463.4 464.0 464.3 464.1 463.5 463.9 463.8
52 51 57 51 48 50 56 52 53
W.L. S1 C Q ♀ Q C 9 FL

550'S 464.4 464.4 463.6 463.6 464.1 464.3 464.4 463.6 464.1 464.3
47 47 55 55 50 48 46 47 55 50 48
W.L. S2 S1 C A6 Q ♀ Q C 9 FL

600'S 464.3 464.3 463.9 464.2 464.3 464.8 464.4 464.5 464.1 464.5 464.5
48 48 52 49 48 43 47 46 50 46 46
W.L. S1 C 45 Q ♀ Q 15 C 9 FL

GILCHER ST 60' WIDE 10' WALKS
10' QUARTERS

46909

P 444 4.11 46498

46942

650'S ^{464.7 464.6 464.1 464.6 464.7 464.8 464.6 464.4 464.1 464.6 464.4}
47 48 53 48 47 46 48 50 53 48 50
W.L. S1 C 43 Q ♀ Q 15 C 9 EL

700'S ^{464.9 464.7 464.3 464.6 464.9 465.2 465.0 464.2 464.8 464.7}
45 47 51 48 45 42 44 52 46 47
W.L. S1 C 46 Q ♀ Q C 9 EL

750'S ^{464.9 464.9 464.2 464.6 465.0 464.7 464.2 464.8 464.5}
45 45 52 48 44 47 52 46 49
W.L. S1 C Q ♀ Q C 9 EL

800'S ^{464.7 464.6 463.9 464.6 464.9 464.4 463.9 464.4 464.4}
47 48 55 48 45 50 55 50 50
W.L. S1 C Q ♀ Q C 9 EL

900'S ^{464.4 464.4 463.9 464.6 464.8 464.4 463.7 464.3 464.3}
50 50 55 48 46 50 57 51 51
W.L. S1 C Q ♀ Q C 9 EL

N.L. Adams

50'S of S.L. ADAMS ^{464.4 464.4 463.9 464.6 464.8 464.4 463.7 464.3 464.3}
50 52 52 53 50 49 52 58 53 54
W.L. S1 C 46 Q ♀ Q C 9 EL

77.10 P.C. ^{464.4 464.4 463.9 464.6 464.8 464.4 463.7 464.3 464.3}
50 50 55 55 51 50 55 57 59 56 57
W.L. S2 S1 C Q ♀ Q 15 11 C EL

100'S ^{464.0 464.7 463.7 464.1 464.4 464.0 463.7 463.4 463.4 463.6}
54 52 57 53 50 54 57 60 56 58
W.L. S1 C Q ♀ Q 16 11 C EL

150 ^{464.3 464.1 463.7 464.2 464.3 464.1 463.5 464.0 463.9}
51 53 57 52 51 53 59 54 55
W.L. S1 C Q ♀ Q C 9 EL

18830'S P.C. ^{464.1 464.4 463.4 464.1 464.4 463.6 464.1 464.1}
53 54 60 53 50 52 58 53 53
Q S1 C Q ♀ Q 11 C EL

GILCHER DRIVE 60' WIDE
10' CURBS - 10' Q.R.'S

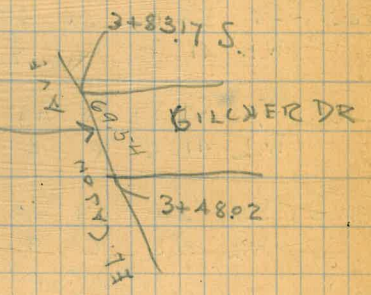
469.42
 Rod's 52 53 58 50 49 52 58 52 56
 W.L. 51 C Q E Q C 9 EL
 213.37 Pac 52 53 58 51 50 49 52 59 53 54 59
 W.L. 51 C 45 Q E Q 11 C 3 EL
 250's 49 50 51 49 57 51 51 51 57
 W.L. C Q E 13 12 C 3 EL
 300' SAs 48 50 50 48 50 55 52 52 50 53
 W.L. 54 C Q E Q 13 12 C 3 EL
 3+796 52 50 53 46 45 50 56 50 54
 W.L. C 49 Q E Q 11 C EL
 3+4802 Pt 47 50 54 51 50 50 52 52 56 53 52
 W.L. 51 C 47 Q E Q 16 C 9 EL
 3+8317 50 52 59 52 51 52 53 56 53 52
 W.L. 66 59 C Q E Q C 10 EL

B.M. 464.26

= N.L. SORIA DRIVE

= S.L. SORIA

DIAGONAL



SOLIA DRIVE

50' WIDE

10' WALKS

7.5 SQUARE METERS.

467.49

863.43

45886

50'S. L. ROSA ST. 92

87

90

86

85

85

88

84

84

W.L. 42

C

Q

E

Q

C

9

EL

100'S

82

80

83

78

76

77

81

76

76

W.L. 42

41

C

Q

E

Q

C

9

EL

150'S

81

75

78

78

73

69

71

76

72

72

W.L. 42

41

C

Q

E

Q

C

9

EL

200'S

69

69

72

73

66

64

66

70

66

65

W.L. 42

41

C

Q

E

Q

C

9

EL

250'S

67

62

67

61

58

60

61

64

61

60

W.L. 41

C

Q

E

Q

15

C

9

EL

300'S

58

55

60

56

54

55

60

56

56

W.L. 41

C

Q

E

Q

C

8

EL

350'S

56

54

57

53

49

50

53

50

51

W.L. 41

C

Q

E

Q

C

9

EL

400'S

55

54

57

53

50

52

54

52

50

W.L. 41

C

Q

E

Q

C

8

EL

450'S

60

59

63

58

54

56

59

55

53

W.L. 41

C

Q

E

Q

C

8

EL

500'S

66

62

67

61

59

60

65

62

61

W.L. 41

C

Q

E

Q

C

8

EL

550'S

60

62

66

61

58

60

67

64

63

W.L. 41

C

Q

E

Q

C

8

EL

600'S

53

52

56

52

50

51

57

56

57

54

55

W.L. 41

C

Q

E

Q

11

C

8

8

EL

SORIA DRIVE 50' WIDE 10' WALKS
75 QUARTERS

467.49

TP	9.74	472.01	522	462.27
650'S	81 81 81 81 82	81 82	84 90	92 86 88
	W.L. C 39	Q £	Q C	9 8 EL
700'S	72 72 76 72 71	71 75	77 73	74
	W.L. C 39	Q £	Q C	9 8 EL
750'S	64 63 67 63 60	62 67 68 65		67
	W.L. C 39	Q £	Q C	8 7 EL
800'S	58 57 60 56 54	57 61 62 58		59
	W.L. C 39	Q £	Q C	9 8 EL
850'S	58 54 57 53 60	54 58 59 55		56
	W.L. C 39	Q £	Q C	8 7 EL

50'S. OF S.L. ADAMS = P.C

60 60 63 59 58 56 64 60 60
W.L. C 39 Q £ Q 11 C EL

694

464.46

471.40

75'S	55 54 54 57 52	51 52	57 54	55
W.L. C 39 38	Q £	Q 11 C	EL	
100'S	56 56 56 59 56	52 53	57 54	55
W.L. C 38 37	Q £	Q 11 C	EL	
125'S	56 54 54 57 55	52 52	56 53	55
W.L. C 38 37	Q £	Q C 9	EL	

SORIA DRIVE

47140

150'S	465.3 51	466.2 52	466.2 52	465.8 56	466.1 53	466.3 51	466.4 52	465.9 55	466.2 52	465.9 55
	W.L	C	38	37	Q	Q	Q	C	9	EL
175'S	465.9 55	466.2 52	466.2 52	465.8 56	466.1 53	466.3 51	466.2 52	465.7 57	466.1 53	466.1 53
	W.L	38	38	37	Q	Q	Q	C	9	EL
200'S	465.9 55	466.1 53	466.1 53	465.7 57	466.1 53	466.3 51	466.3 51	465.8 56	466.2 52	466.0 54
	W.L	C	39	38	Q	Q	Q	C	9	E.L
225'S	466.1 53	466.1 53	465.8 56	466.2 52	466.3 51	466.1 53	465.7 57	466.0 54	466.0 54	466.0 54
	W.L	C	39	Q	Q	Q	11	C	9	E.L
250'S	466.2 52	465.9 55	465.9 55	465.6 58	466.0 54	466.1 53	466.0 54	465.6 58	466.0 54	465.8 56
	W.L	C	39	38	Q	Q	Q	C	9	EL
275'S	466.0 54	465.8 56	465.8 56	465.5 59	466.0 54	466.0 54	466.0 54	465.6 58	465.9 55	465.8 56
	W.L	C	39	38	Q	Q	Q	C	9	EL
300'S	466.1 53	466.1 53	465.6 58	465.5 59	465.1 63	465.6 59	465.8 56	465.7 57	465.4 60	465.2 57
	W.L	48	46	C	38	Q	Q	Q	C	9
32668'S	465.1 63	465.0 64	464.7 67	464.9 65	465.4 60	465.4 60	465.3 61	465.0 64	465.4 60	465.1 63
	W.L	43	42	C	Q	Q	Q	C	9	EL
3+50	464.5 69	465.0 64	465.0 64	465.0 64	464.7 67	465.0 64	465.0 64	465.0 64	464.5 69	464.5 69
	50	C	Q	Q	12	11	C	3	EL	
3+7277	464.5 69	464.5 69	464.6 69	464.7 67	464.6 68	464.6 68	464.8 66	465.2 67	465.2 67	465.2 67
	W.L	C	Q	Q	Q	C	7	C	EL	
3+9634	464.5 69	464.3 71	464.3 71	464.3 71	464.1 73	463.8 76	464.3 71	464.2 72	464.2 72	464.2 72
	W.L	C	Q	Q	Q	11	C	E.L.		

GILCHER 60 WIDE

464.4	464.4	464.5	464.6	464.2	463.7	464.3	464.3	464.4	463.6	463.4
70	70	69	68	72	77	71	71	70	70	81
W.L	C	Q	Q	Q	13	12	C	4	2	EL

ZERO AT W.L. SORIA

SEC1 = 66 65
0 6

SEC A 67 69 70 69
0 8 9 11

SEC2 .66 67
0 7

SEC3 67 67 69 68
0 8 9 18

SEC4 68 70 70 70
0 9 13 25

SEC5 68 68 71
0 9 10

SEC6 67 68 72
0 9 10

SEC7 70 70
0 9

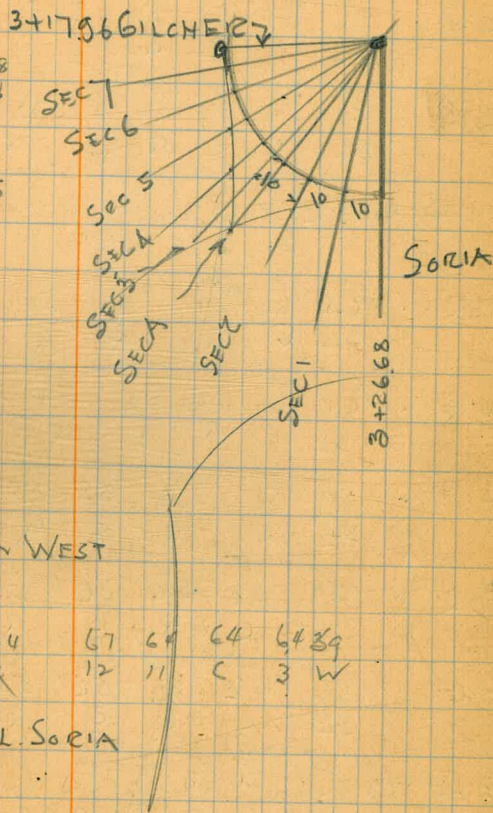
= P.C. SORIS RETURN ON WEST

69 60 64 60 64 67 60 64 64 39
50 C Q Q Q 12 11 C 3 W

= W.L. GILCHER AND W.L. SORIA

= W.L. GILCHER + EL SORIA

= 81 TO CATCH W.L. SORIA PRODUCED



ADAMS AVE 50' WIDE 10 WALKS
7.5 QUARTERS

472.01

113' W of W.L. Soria DR
^{466.1} 5A ^{466.2} 54 ^{466.3} 56 ^{466.4} 52 ^{466.5} 5.1 ^{466.6} 54 ^{466.7} 59 ^{466.8} 59 ^{466.9} 55 ^{467.0} 58
 SL 8 9 C Q £ Q C 41 42 N.L

100' W
^{466.1} 5C ^{466.2} 55 ^{466.3} 59 ^{466.4} 55 ^{466.5} 53 ^{466.6} 55 ^{466.7} 59 ^{466.8} 55 ^{466.9} 56
 SL 9 C Q £ Q C 41 N.L

50' W
^{466.1} 53 ^{466.2} 56 ^{466.3} 59 ^{466.4} 55 ^{466.5} 53 ^{466.6} 55 ^{466.7} 59 ^{466.8} 59 ^{466.9} 54 ^{467.0} 57
 SL 9 C Q £ Q C 41 42 N.L

W.L. Soria DR
^{466.1} 58 ^{466.2} 63 ^{466.3} 62 ^{466.4} 58 ^{466.5} 55 ^{466.6} 57 ^{466.7} 62 ^{466.8} 62 ^{466.9} 59 ^{467.0} 57
 SL 8 C Q £ Q C 41 42 N.L

W.C
^{465.6} 64 ^{465.8} 62 ^{466.1} 59 ^{466.4} 56 ^{466.2} 58 ^{465.8} 62 ^{466.1} 59
 SL 6 Q £ Q C N.L

W.Q
^{465.9} 6.1 ^{466.0} 60 ^{466.2} 58 ^{466.4} 56 ^{466.3} 57 ^{465.8} 62 ^{466.4} 56
 SL C Q £ Q C N.L

£
^{466.1} 59 ^{466.2} 58 ^{466.3} 58 ^{466.4} 55 ^{466.5} 55 ^{466.6} 60 ^{466.7} 56
 SL C Q £ Q C N.L

E.Q
^{466.1} 59 ^{466.2} 58 ^{466.4} 56 ^{466.4} 55 ^{466.5} 55 ^{466.6} 60 ^{466.7} 57
 SL C Q £ Q C N.L

E.C
^{465.4} 66 ^{465.4} 62 ^{466.1} 59 ^{466.4} 55 ^{466.5} 55 ^{466.6} 60 ^{466.2} 58
 SL C Q £ Q C N.L

E.L
^{465.7} 63 ^{465.9} 61 ^{465.4} 66 ^{465.6} 64 ^{466.1} 59 ^{466.4} 56 ^{466.4} 56 ^{466.5} 60 ^{466.6} 59 ^{466.5} 55 ^{466.4} 56
 SL 7 8 C Q £ Q C 42 43 N.L

50' E
^{466.5} 55 ^{466.6} 54 ^{466.1} 59 ^{466.1} 59 ^{466.5} 55 ^{466.5} 52 ^{466.5} 55 ^{466.6} 60 ^{466.4} 56 ^{466.5} 55
 SL 8 9 C Q £ Q C 39 C N.L

100' E
^{466.2} 58 ^{466.3} 57 ^{466.8} 62 ^{466.1} 56 ^{466.6} 54 ^{466.1} 56 ^{465.9} 61 ^{466.3} 57 ^{466.3} 58
 S.L 9 C Q £ Q C 41 N.L

= END ADAMS AVE =

ADAMS AVE 50' WIDE 10 WALKS
75 QUARTERS

	^{465.0} 64	^{465.1} 61	^{465.2} 66	^{465.3} 60	^{465.4} 57	^{465.5} 60	^{465.6} 64	^{465.7} 60	^{465.8} 61		
150' E	SL	9	C	Q	£	Q	39	C	N.L.		
	^{465.2} 68	^{465.3} 67	^{465.4} 71	^{465.5} 66	^{465.6} 63	^{465.7} 64	^{465.8} 69	^{465.9} 64	^{465.0} 66		
200' E	SL	9	C	Q	£	Q	C	41	N.L.		
	^{465.0} 70	^{465.1} 72	^{465.2} 76	^{465.3} 76	^{465.4} 74	^{465.5} 73	^{465.6} 72	^{465.7} 72	^{465.8} 71	^{465.9} 67	^{465.0} 67
W.L. GILCHRER DR	SL	8	9	C	Q	£	Q	C	43	44	N.L.
	^{464.0} 80	^{464.1} 79	^{464.2} 79	^{464.3} 79	^{464.4} 80	^{464.5} 78	^{464.6} 79	^{464.7} 77	^{464.8} 77	^{464.9} 77	
W.C	SL		C	Q	£	Q	£	7Q	C	N.L.	
	^{464.4} 72	^{464.5} 74	^{464.6} 73	^{464.7} 73	^{464.8} 73	^{464.9} 73	^{465.0} 73	^{465.1} 73	^{465.2} 73	^{465.3} 73	
W.Q	SL	C	Q	£	Q	C	N.L.				
	^{465.0} 70	^{465.1} 72	^{465.2} 71	^{465.3} 70	^{465.4} 70	^{465.5} 71	^{465.6} 72	^{465.7} 72	^{465.8} 72	^{465.9} 72	
EQ	SL	C	Q	£	Q	C	N.L.				
	^{464.5} 75	^{464.6} 74	^{464.7} 74	^{464.8} 73	^{464.9} 73	^{465.0} 74	^{465.1} 74	^{465.2} 74	^{465.3} 74	^{465.4} 74	
EQ	SL	C	Q	£	Q	C	N.L.				
	^{464.0} 80	^{464.1} 78	^{464.2} 79	^{464.3} 78	^{464.4} 78	^{464.5} 79	^{464.6} 78	^{464.7} 78	^{464.8} 78	^{464.9} 78	
EC	SL	C	Q	£	Q	C	N.L.				
	^{464.6} 74	^{464.7} 74	^{464.8} 81	^{464.9} 81	^{465.0} 77	^{465.1} 76	^{465.2} 76	^{465.3} 78	^{465.4} 74	^{465.5} 73	
FL	SL	7	9	C	Q	£	Q	C	41	N.L.	
	^{464.7} 73	^{464.8} 72	^{464.9} 76	^{465.0} 72	^{465.1} 70	^{465.2} 72	^{465.3} 75	^{465.4} 72	^{465.5} 72	^{465.6} 72	
50' E	SL	9	C	Q	£	Q	C	41	N.L.		
	^{464.9} 71	^{465.0} 67	^{465.1} 66	^{465.2} 64	^{465.3} 65	^{465.4} 65	^{465.5} 65	^{465.6} 61	^{465.7} 61	^{465.8} 61	
100' E	SL	C	Q	£	Q	C	N.L.				
	^{465.0} 70	^{465.1} 69	^{465.2} 68	^{465.3} 68	^{465.4} 68	^{465.5} 68	^{465.6} 68	^{465.7} 66	^{465.8} 66	^{465.9} 66	
115' E	SL	C	Q	£	Q	C	N.L.				

2 + 30

END ADAMS AVE

Levels on Boundary ST 30' wide

Myrtle to Univ. Ave

322.31

35

Sta. on W.L. Boundary

NEBP

753

322.31

315.08

MYRTLE FELTON

7700

Row NL UPAS = 0+00

2+11.10 = NL MYRTLE EAST = 60' wide

2+57.10 = old NL

u = beginning of curb + sidewalk on EAST side

30' wide boundary

E top cem curb 594 16.59

WL 63 16.0

3+14.90 = SL Myrtle west

WL 5.6 16.7

E top cem curb 558 16.73

3+42.21 = S curb Myrtle west

W top cem curb 626 15.95

3+64.98 = N curb Myrtle west

WL top cem curb 590 17.10

3+75.87 = NL Myrtle west

WL 5.4 16.9

E top cem curb 551 17.00

4+50

E top cem curb 499 17.32

WL 5.0 17.3

4+70

WL 4.9 17.4

E top cem curb 490 17.41

4+90

E top cem curb 470 17.61

WL 4.7 17.6

6+00

WL 2.8 19.5

E top cem curb 2.81 19.50

F top cem curb 0.80 21.51

WL 0.5 21.8

T.P 880 330.21 0.90 321.41

8+00

WL 6.3 23.9

E top cem curb 6.73 23.48

9+52.68 = SL Dwight east both sides built

E top cem curb 5.68 24.53

WL 5.3 24.9

9+37.68 = NL Dwight on east

WL 5.0 25.2

E top cem curb 5.43 24.98

10+00.88 = SL Dwight on west

E top cem curb 4.86 25.35

WL 4.8 25.4

10+11.29

WL top cem curb 4.95 25.26

10+52.96

WL top cem curb 4.49 25.72

10+63.37 = NL Dwight on west

WL 4.4 26.0

E top cem curb 4.56 25.65

11+44.55 = E.L. Felton

E top cem curb 4.11 26.07

WL 3.4 26.8

WL top of curb at 11+47.8 with Felton's

33021

13+78.50 = WL Feitan & beginning of curb & sidewalk

5' wide on west side of Boundary ^{5' opening here} face of curb - WL Boundary

W top corr curb 3.04 27.17

E " " " 2.90 27.31

T.P. 6.95 333.77 3.39 346.84

15+31.33 = SL Landis on East - 80' wide ^{South property} ^{in 65' W} ^{on Landis East}

E Top corr curb 3.68 28.09

W " " " 3.40 28.37

16+11.33 = NL Landis on East

W top corr curb 4.24 28.93

E " " " 4.75 29.02

16+88.70 = SL Landis on West ^{Return in 5' x 10'}

E top corr curb 4.37 29.40

W " " " 4.26 29.51

17+40.78 = N curb of Landis ^{West} ^{Return in} ^{NOT IN}

W top corr curb 3.90 29.87

17+51.19 = NL Landis on West ^N ^{to rear curb}

or side walk in front of to Univ. Plaz on west side boundary

W/L 3.5 30.3

E top corr curb 3.99 29.78

19+00

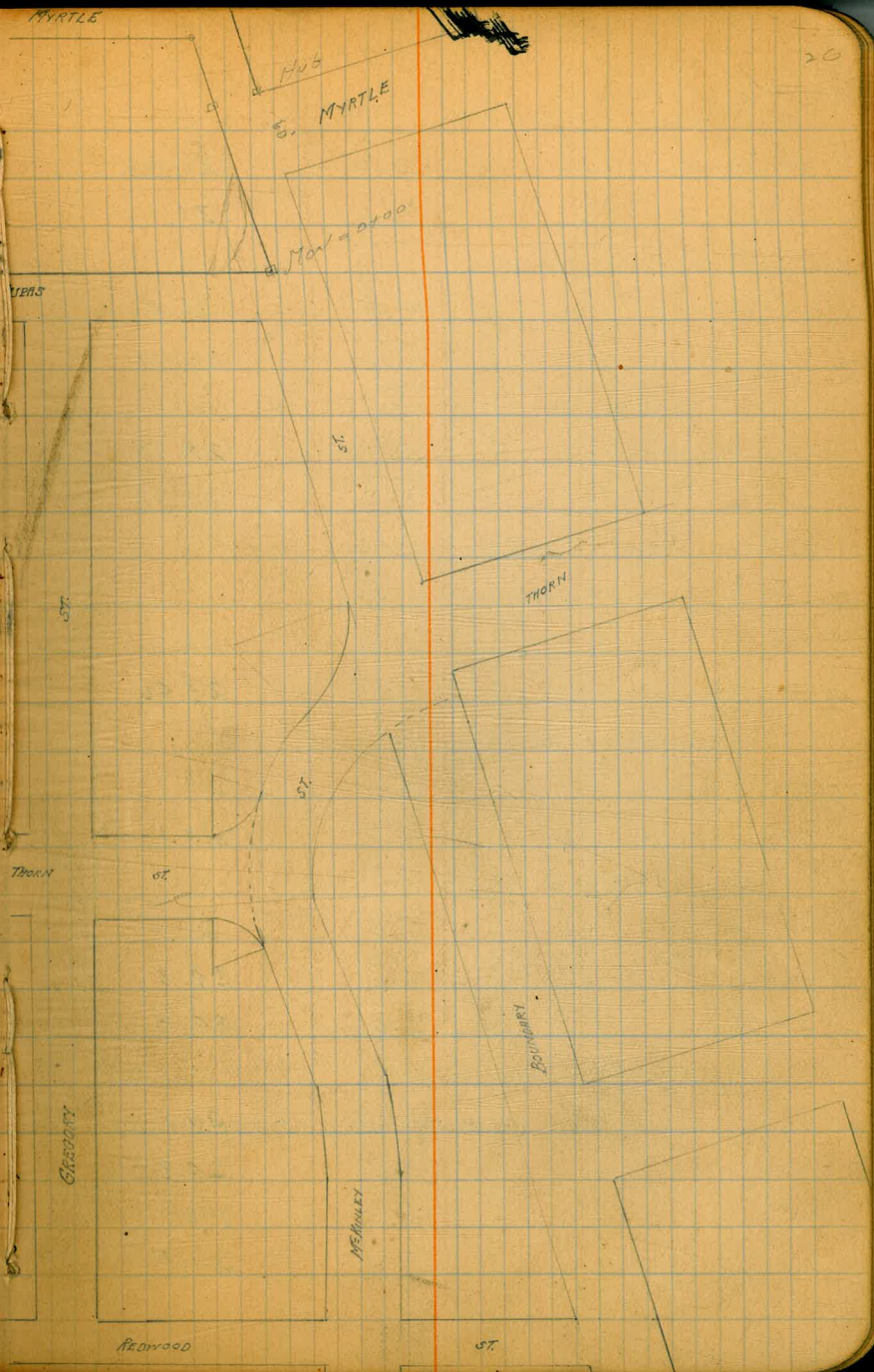
E top corr curb 3.22 30.55

W/L 3.2 30.6

19+50 = Break in grade in curb on East

W/L 2.7 31.1

E top corr curb 2.98 30.79



333.77

20400 = BREAK

E top cem curb 2.89 30.88

WL 2.7 31.1

20420 = BREAK

WL 2.4 31.4

E top cem curb 3.11 30.66

21400

E Top cem curb 5.00 28.77

WL 4.80 28.97

T.P 1.60 329.81 5.56 328.21

22+11.37 = SL WRIGHTMAN ON EAST ^{20' wide} RETURN IN 6.5 x 14' ^{Return in 6.5 x 14'}

WL 3.6 26.2

E Top cem curb 3.85 25.96

22+91.27 = WL WRIGHTMAN ON EAST No curb on sidewalk

EL 4.5 25.3

WL 4.7 25.1

23+34.80 = EL 33^d ST South = Sec A ^{Sec A 1-29}

WL 4.8 25.0

C 5.5 24.3

E 5.0 24.8

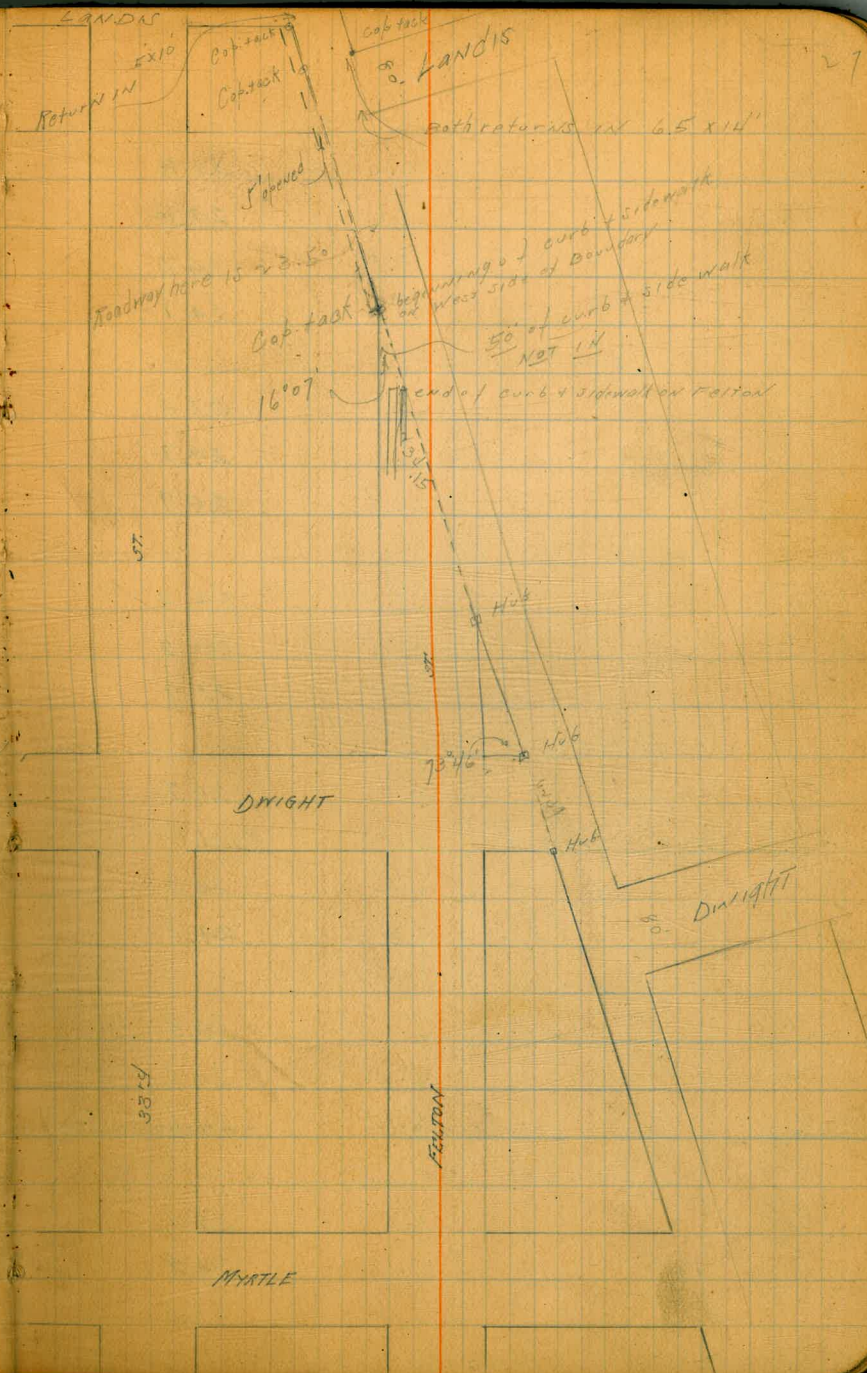
Sec B = Ecb of 33d

E 5.3 24.5

C 5.5 24.3

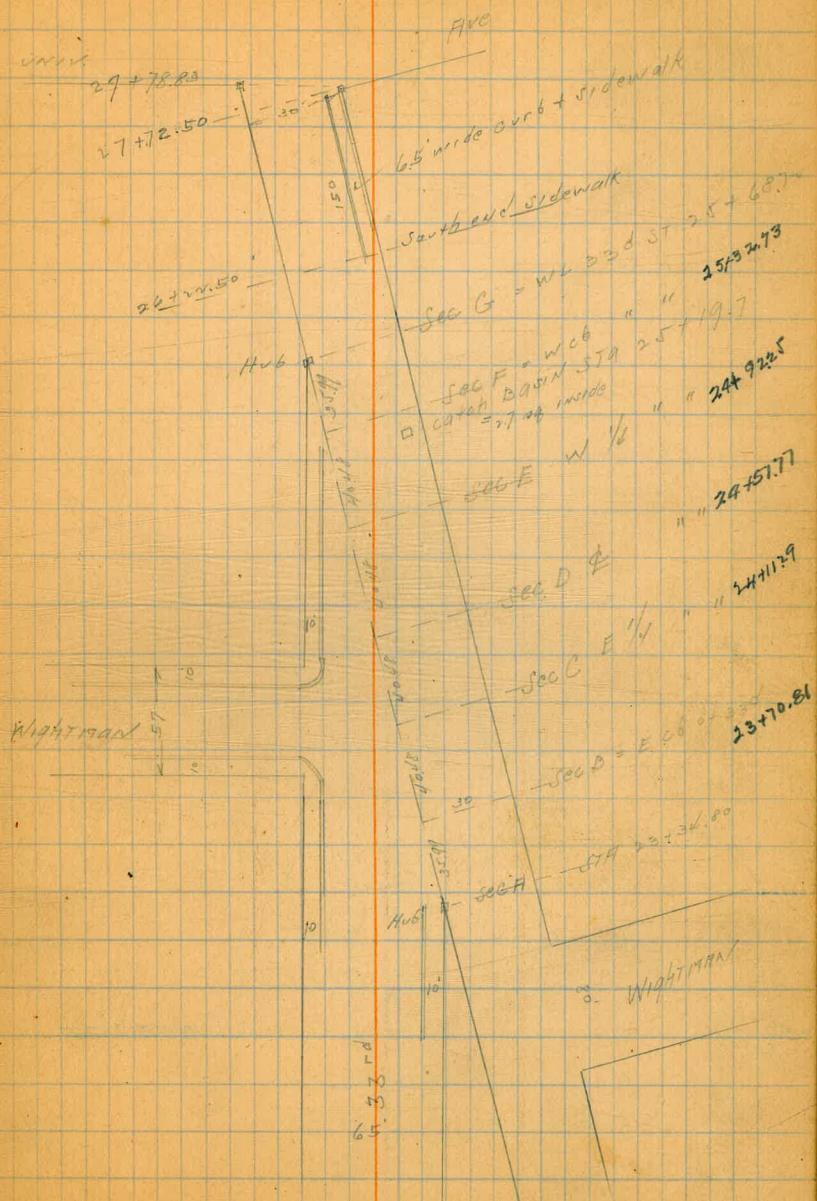
TLV 5.0 24.8

W 3.3 26.5



332.50

W	26+00	6.7	25.8
C		7.2	25.3
E		6.3	26.2
	26+22.50		
E	top com curb	5.68	26.82
C		6.2	26.3
W		5.3	27.2
	27+00		
W		3.2	29.3
C		4.1	28.4
E	top com curb	3.38	29.12
	27+72.50 = SL UNIV ON EAST		
E	top com curb	1.27	31.23
C		1.6	30.9
W		1.2	31.3
	27+78.23 = SL UNIV ON WEST		
W	top com curb	0.94	31.56
T.P. in Man	Wrightman Boundary 324.00	8.50	374.00



33490

31

NL Wightman = Sec F

WL 33d 5.3

W curb Top cem curb 5.87

WL + 16 7.2

WL + 36.1 = WL Boundary 10.1

28' N of NL Wightman = Sec G

WL 33d 8.0

W curb top cem curb 8.47

WL + 78.2 = WL Boundary 10.1

80' N of NL Wightman = Sec H = North end curb + sidewalk

WL 33d 9.3

W curb top cem curb 9.56

WL + 13 = WL Boundary 10.3

1249' N of NL Wightman = Intersection of WL 33d + WL Boundary

at hub 8.9

check to Max 10.91 343.99 326.00

slit / Cross Section of MYRTLE = 60' wide
Boundary to Nile 10' across

321.61

32

NEOP 653 321.61 31508 MYRTLE FORTON

EL boundary = 00

N	4.9
cb	5.0
1/4	5.3
c	5.0
1/4	5.8
cb	6.0
S	6.3

50'E

S	5.4
cb	5.4
1/4	5.2
c	5.1
1/4	4.3
cb	4.3
N	4.4

100'E

N	4.5
cb	4.5
1/4	4.6
c	4.6
1/3	4.8
cb	4.4
S	4.8

S	5.0
cb	5.1
1/4	5.0
c	4.7
1/4	4.6
cb	4.2
N	4.3

200'E

N	3.6
cb	3.7
1/4	3.9
c	4.1
1/4	4.5
cb	4.5
S	4.4

250'

S	3.4
cb	3.2
1/4	3.1
c	3.0
1/4	3.0
cb	2.9
N	2.7

270'E

N	3.6
---	-----

321.61

MYRTLE

33

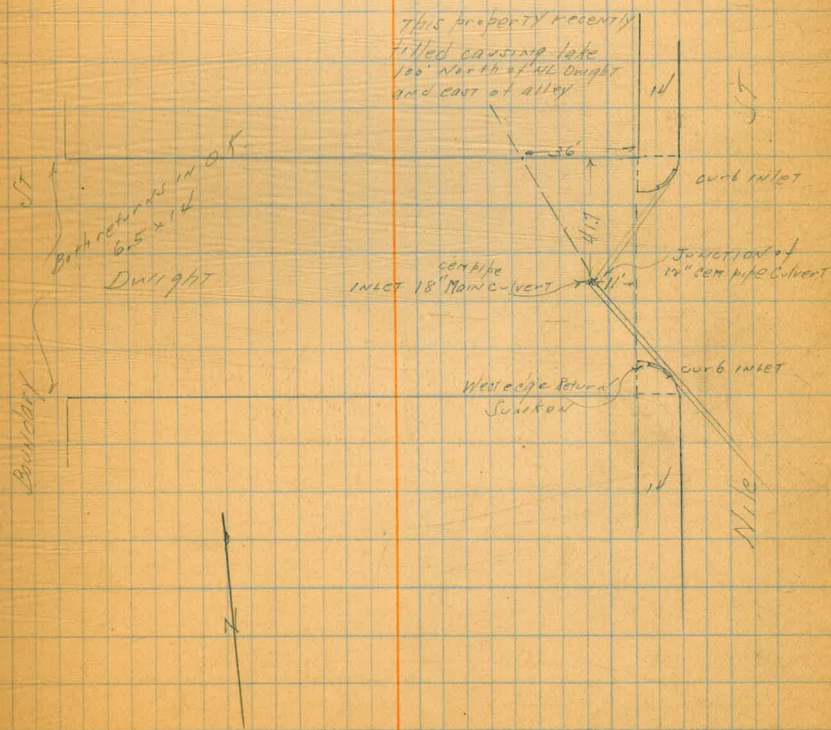
cb		3.0
1/4		2.8
c		2.9
1/4		3.1
cb		3.2
J		3.4
	29 1/2 E	
S		3.4
cb		3.3
1/4		3.3
c		3.3
1/4		5.3
cb		5.2
N		4.5
	29 1/2 E = WL N 1/2 ST	
N		5.7
cb	top com. cb.	5.95
1/4		5.8
c		6.1
1/4		6.3
cb	top. corr. cb.	6.49
J		6.4

Cross Section of Dwight
Boundary to Nile

NEOP	110	330.14	329.04	Land's Boundary
		EL Boundary = 0.0		
N		5.0		
cb	top corr curb	5.16		
1/4		5.3		
C		5.3		
1/4		5.8		
cb	" " "	5.70		
S		5.4		
	2' E			
S		4.3		
cb		4.1		
1/4		5.6		
C		5.3		
1/4		3.9		
cb		3.6		
N		3.4		
	10' E			
N		3.1		
cb		3.4		
1/4		3.4		
C		3.9		
1/4		3.9		
cb		4.1		
S		4.2		

Levels for Culvert

	π
	322.67
INLET of 18" corr pipe culvert = 0.0	13.74
0+14	11.2
0+34	9.6
0+48.6 = N.L. DWIGHT	5.7
0+58.6	5.6



330.14

25'E

S	3.7
cb	3.7
1/4	4.0
c	3.3
1/4	2.7
cb	3.4
N	2.9

50'E

N	2.3
cb	3.7
1/4	3.7
c	3.2
1/4	4.1
cb	3.6
S	2.8

75'E

S	2.8
cb	3.4
1/4	4.7
c	4.3
1/4	4.2
cb	3.7
N	2.5

100'E

N	3.0
---	-----

330.14

Dwight

35

cb	4.3
1/4	5.1
c	4.8
1/4	4.8
cb	3.8
S	3.3

125'E

S	4.6
cb	4.7
1/4	4.8
c	5.2
1/4	5.2
cb	4.2
N	3.7

140'E = Sewer & Dwight on alley

M.H. Rim	5.65
Flowline	14.15

150'E

N	5.8
cb	5.6
1/4	5.4
c	5.3
1/4	5.3
cb	5.5
S	5.6

330.14

175'E

S	6.4
cb	6.5
1/4	6.8
c	6.9
1/4	7.3
cb	7.6
N	7.6

T.P. 246 322.67 993 320.21

200'E

N	3.1
cb	3.2
1/4	3.0
c	2.1
1/4	1.5
cb	0.5
S	0.0

210'E

S	0.8
cb	1.5
1/4	2.1
c	3.1
1/4	4.4
cb	4.7
N	4.6

322.07

Dwight

36

225'E

N	5.6
cb	5.7
1/4	5.6
c	5.4
1/4	4.9
cb	4.4
S	3.7

250'E

N	7.6
S	7.5
cb	7.8
1/4	8.2
c	8.2
1/4	8.4
cb	8.6
1/4	8.2
N	5.3

275'E

N	6.0
1/4	10.5
cb	10.6
1/4	11.0
c	10.8
1/4	8.0
cb	8.2

322.67

S	8.8
+10	8.8
285'E	
-10	9.0
S	9.0
cb	7.0
1/4	7.4
+38.3 = inlet Culvert	13.7
C	13.0
1/4	8.1
cb	8.7
N	6.1
290'E	
N	5.4
cb	7.3
1/4	6.6
+10	10.1
C	9.1
1/4	7.0
cb	6.8
S	8.8
+5	8.8

296'E = WL NILE

S	5.9
cb top com curb	6.44
1/4	6.3

Sexton

322.67

Dwight

57

e	5.8			
1/4	6.0			
cb Top com curb	5.2			
N	5.0			
TP 881	330.03	1.45	341.48	
street to QM		0.97	349.06	349.06

check this for grade please

Cross Section of Lands		8' wide	332.50	35
Boundary to Nile		14' curbs		
NEAP	346	332.50 ✓	329.04	Lands boundary 1750
El Boundary = 00				
N		3.2	329.3	S 5.2 327.1 ✓
cb	top cem curb	3.51	328.99	cb 5.1 327.4 ✓
1/4		4.3	328.2	1/4 5.1 327.4 ✓
C		4.3	328.2	C 4.9 327.6 ✓
1/4		4.7	327.8	1/4 5.2 327.3 ✓
cb	" " "	4.50	328.10	cb 5.4 327.1 ✓
S		4.3	328.2	N 5.6 326.9 ✓
	0+50 =			1766
S		4.0	328.5	N 1/2 cement walk 5.55 326.95 ✓
cb		4.5	328.0	3+00
1/4		4.6	327.9	N 1/2 double strip ^{concrete} drive 5.4 327.06 ✓
C		4.6	327.9	cb 5.6 326.9 ✓
1/4		4.8	327.7	1/4 5.5 327.0 ✓
cb		4.3	328.2	C 5.6 326.9 ✓
N		3.9	328.6	1/4 5.4 327.1 ✓
	1+00			cb 5.5 327.0 ✓
N		4.9	327.6	S 1/2 cement walk 5.45 327.05 ✓
cb		5.5	327.0	2+50
1/4		5.5	327.0	N 1/2 cement walk 5.61 326.89 ✓
C		5.2	327.3	2+50
1/4		5.1	327.4	S 6.5 326.0 ✓
cb		5.6	326.9	cb 6.9 325.6 ✓
S		5.5	327.0	1/4 6.7 325.8 ✓
				C 6.6 325.9 ✓
				1/4 6.6 325.9 ✓

Plotted
4-18-27
J.T. Hays

Lands boundary
8' wide
14' curbs

1750

332.50

Landis

39

cb		6.5	326.0	✓
N		6.3	326.2	✓
	r+76			
N		6.7	325.8	✓
cb		7.2	325.3	✓
1/4		7.6	324.9	✓
C		7.4	325.1	✓
1/4		7.6	324.9	✓
cb		7.8	324.7	✓
S		7.3	325.2	✓
	r+92			
S		7.7	324.8	✓
cb		8.1	324.4	✓
1/4		8.3	324.2	✓
C		8.8	323.7	✓
1/4		8.9	323.6	✓
cb		7.5	325.0	✓
N.		7.0	325.5	✓
	r+97 - wL Nite			
N		9.4	323.1	✓
cb	top cem curb.	9.5	322.96	✓
1/4		9.5	323.1	✓
C		9.1	323.4	✓
1/4		9.0	323.5	✓
cb		8.96	323.54	✓
S		8.7	323.8	✓

Plotted
4-18-27
J. H. Knight

3/29/98

+10		8.9	304.1	✓
	100' E			
-10		8.7	304.3	✓
N		9.7	303.3	✓
$\frac{1}{4}$		10.1	302.9	✓
$\frac{1}{2}$		10.0	303.0	✓
$\frac{3}{4}$		9.9	303.1	✓
cb		9.4	303.6	✓
S		1.2	303.3	✓
+10		9.6	303.4	✓
	115' E			
-10		10.5	302.5	✓
S		9.8	303.2	✓
cb		9.2	303.8	✓
$\frac{1}{4}$		9.8	303.2	✓
$\frac{1}{2}$		10.0	303.0	✓
$\frac{3}{4}$		9.7	303.3	✓
N		9.3	303.7	✓
+2		8.1	304.9	✓
+5		7.7	305.3	✓
	147.7' E = N.W. Gregory & 10' ⁴⁵ / ₂₅			
-5		5.7	307.3	✓
N		6.2	306.8	✓
+1		7.7	305.3	✓
$\frac{1}{4}$		8.3	304.7	✓
$\frac{1}{2}$		7.9	305.1	✓

3/29/98

Upas St. X. Section 41

$\frac{1}{4}$		7.7	305.3	✓
cut		7.4	305.6	✓
Stop cb		6.92	306.06	✓
S		6.8	306.2	✓
	West cb			
S		7.6	305.4	✓
cb		7.4	305.6	✓
$\frac{1}{4}$		7.3	305.7	✓
$\frac{1}{2}$		7.6	305.4	✓
+2		8.3	304.7	✓
$\frac{1}{4}$		8.3	304.7	✓
+5		7.8	305.2	✓
N		6.5	304.5	✓
	N $\frac{1}{2}$			
N		6.4	306.8	✓
+1		7.5	305.5	✓
$\frac{1}{4}$		7.9	305.1	✓
+4		8.2	304.8	✓
$\frac{1}{2}$		7.7	305.3	✓
$\frac{3}{4}$		7.2	305.8	✓
cb		7.2	305.8	✓
S		7.4	305.6	✓
	$\frac{1}{2}$			
S		7.0	306.0	✓
cb		6.9	306.1	✓
$\frac{1}{4}$		7.1	305.9	✓

31298

d	7.5	305.5	✓
$\frac{1}{2}$	7.7	305.3	✓
+5	7.3	305.7	✓
N	6.1	306.9	✓
E $\frac{1}{4}$			
N	6.5	306.5	✓
$\frac{1}{4}$	7.7	305.3	✓
d	7.5	305.5	✓
$\frac{1}{4}$	7.2	305.8	✓
cb	7.3	305.7	✓
S	7.6	305.4	✓
E cb			
S	7.5	305.5	✓
cb	7.6	305.4	✓
$\frac{1}{2}$	7.3	305.7	✓
d	7.4	305.6	✓
$\frac{1}{4}$	7.4	305.6	✓
+4	6.8	306.2	✓
N	6.0	307.0	✓
E. H. Gregory = 0+00			
N	5.8	307.2	✓
+2	6.8	306.2	✓
$\frac{1}{4}$	7.2	305.8	✓
d	7.3	305.7	✓
$\frac{1}{2}$	7.6	305.4	✓
Gut	7.7	305.8	✓

31298

Upas St. X. Section

42

stop cb	4.2	306.16	✓
V	6.7	306.3	✓
50'E			
S	5.1	307.9	✓
cb	5.3	307.7	✓
+2	5.3	307.7	✓
+4	6.2	306.8	✓
$\frac{1}{4}$	6.2	306.8	✓
$\frac{1}{2}$	6.0	307.0	✓
$\frac{1}{2}$	6.0	307.0	✓
+3	6.0	307.0	✓
N	4.9	308.1	✓
67.60'E - Sec A			
N	5.6	307.4	✓
$\frac{1}{4}$	5.6	307.4	✓
d	5.6	307.4	✓
$\frac{1}{2}$	5.5	307.5	✓
+4	4.9	308.1	✓
cb	4.8	308.2	✓
S	4.6	308.4	✓
Section B			
S	3.9	309.1	✓
cb	4.2	308.8	✓
$\frac{1}{4}$	4.9	308.1	✓
$\frac{1}{2}$	5.0	308.0	✓
$\frac{1}{4}$	5.6	307.4	✓
N	5.6	307.4	✓

Plotted
4-19-27- J.H.

Tulmar
8.5.27

X section of Browning St
NW line Willow to S.E line Chatsworth

70' street
18' cbs

#1. 140.7

Browning St

43

10.76 140.68 129.9~

SW BP
Browning & Willow

N.W. line of Willow St

S.W. line

10.2 130.5 ✓

Top Cont Cb

10.52 130.16

cb

10.2 130.5

$\frac{1}{4}$

$\frac{1}{4}$

10.0 130.7

±

Plotted
8-10-27
REYNOLDS

9.9 130.8 ✓

$\frac{1}{4}$

10.4 130.3

cb

10.3 130.4

Top Cont Cb

10.52 130.16

NE line

10.3 130.4 ✓

50' N.W

NE line

8.0 132.7 ✓

cb

8.1 132.6

$\frac{1}{4}$

$\frac{1}{4}$

8.3 132.4

±

7.9 132.8 ✓

$\frac{1}{4}$

8.4 132.3

cb

8.3 132.4

SW line

7.9 132.8 ✓

100' N.W.

SW line

7.1 133.6 ✓

cb

7.4 133.3

$\frac{1}{4}$

7.4 133.3

±

$\frac{1}{4}$

cb

NE

NE

cb

$\frac{1}{4}$

±

$\frac{1}{4}$

cb

SW

150' NW

6.9 133.8 ✓

7.5 133.2

7.5 133.2

7.7 133.0 ✓

7.2 133.5 ✓

6.8 133.9

6.9 133.8

6.5 134.2 ✓

6.7 134.0

6.7 134.0

6.2 134.5 ✓

200' NW

SW

5.3 135.4 ✓

cb

5.8 134.9

$\frac{1}{4}$

5.9 134.8

±

6.1 134.6 ✓

$\frac{1}{4}$

6.1 134.6

cb

6.1 134.6

NE

6.2 134.5 ✓

250' N.W.

NE

5.3 135.4 ✓

Yardage
in
Book #15
P. 56
REYNOLDS
10.4.27

140.68

cb	5.1	135.6	
$\frac{1}{4}$	4.8	135.9	
$\frac{1}{4}$	4.5	136.2	✓
$\frac{1}{4}$	4.3	136.4	
cb	4.7	136.6	
S.W.	3.6	137.1	✓

S.E. line of Plum St

S.W.	1.9	138.8	✓
cb	2.6	138.1	
$\frac{1}{4}$	3.1	137.6	
$\frac{1}{4}$	3.4	137.3	✓
$\frac{1}{4}$	3.8	136.9	
cb	4.2	136.5	
N.E.	4.7	136.0	✓

S.E. cb. line (18')

NE	4.1	136.6	✓
cb	2.9	137.8	
$\frac{1}{4}$	1.5	139.2	
$\frac{1}{4}$	1.3	139.4	✓
$\frac{1}{4}$	1.8	138.9	
cb	2.3	138.4	
S.W.	1.3	139.4	✓

140.7

Browning St.

44

S.E. $\frac{1}{4}$

S.W.	1.0	139.7	
cb	2.0	138.7	
$\frac{1}{4}$	1.4	139.3	
$\frac{1}{4}$	0.8	139.9	
$\frac{1}{4}$	0.9	139.8	
cb	1.7	139.0	
NE	3.2	137.5	

TP 11.45 148.84 3.29 137.39

Plum
E (Clove St)

NE	11.6	137.2	✓
cb	10.5	138.3	
$\frac{1}{4}$	9.8	139.0	
$\frac{1}{4}$	9.1	139.7	✓
$\frac{1}{4}$	9.2	139.6	
cb	9.4	139.4	
S.W.	8.5	140.3	✓

N.W. $\frac{1}{4}$

S.W.	8.3	140.5	
cb	9.1	139.7	
$\frac{1}{4}$	9.2	139.6	
$\frac{1}{4}$	9.5	139.3	
$\frac{1}{4}$	9.9	138.9	

148.84

cb	10.6	138.2
NE	11.6	137.2

NW cb

NE	11.8	137.0	✓
cb	10.9	137.9	
$\frac{1}{4}$	10.4	138.4	
E	9.7	139.1	✓
$\frac{L}{4}$	9.3	139.5	
cb	9.1	139.7	
S.W.	8.1	140.7	✓

Plum
NW P.L. (Clave St)

S.W.	7.4	141.4	✓
cb	7.3	139.5	
$\frac{L}{4}$	7.8	139.0	
E	9.8	139.0	✓
$\frac{1}{4}$	10.5	138.8	
cb	10.7	138.1	
NE	11.0	137.8	✓

50' N.W.

-10	9.5	139.3	
NE	9.2	139.6	✓
cb	8.0	140.8	
$\frac{1}{4}$	7.5	141.3	
E	7.2	141.6	✓

148.8

Browning St

45

$\frac{1}{4}$	6.7	142.1	
cb	5.9	142.9	
S.W.	4.7	144.1	✓

100' NW

S.W.	1.7	147.1	✓
cb	2.6	146.2	
$\frac{1}{4}$	3.0	145.8	
E	3.5	145.3	✓
$\frac{L}{4}$	4.2	144.6	
cb	5.0	143.8	
NE	6.7	142.1	✓
+10	7.1	141.7	

TP	12.58	155.71	5.71	143.13
----	-------	--------	------	--------

150' N.W.

-10	12.3	143.4	
NE	10.8	144.9	✓
cb	8.5	147.2	
$\frac{1}{4}$	7.1	148.6	
E	6.0	149.7	✓
$\frac{L}{4}$	6.2	149.5	
cb	5.0	150.7	
S.W.	2.7	153.0	✓

T.P. 6.31 155.71 160.87 1.15 154.56

200' N.W.

S.W. 4.6 156.3 ✓
 cb 6.0 154.9
 $\frac{1}{4}$ 6.7 154.2
 $\frac{1}{2}$ 7.2 153.7 ✓
 $\frac{3}{4}$ 8.3 152.6
 cb 8.8 152.1
 NE 10.7 150.2 ✓
 +10 12.0 148.9

250' N.W.

-10 10.7 150.2
 NE 8.8 152.1 ✓
 cb 5.9 155.0
 $\frac{1}{4}$ 5.9 155.0
 $\frac{1}{2}$ 5.0 155.9 ✓
 $\frac{3}{4}$ 4.6 156.3
 cb 4.2 156.7
 S.W. 2.7 158.2 ✓

S.E. line Clove St.

S.W. 0.7 160.2 ✓
 cb 2.1 158.8
 $\frac{1}{4}$ 2.4 158.5
 $\frac{1}{2}$ 2.9 158.0 ✓
 $\frac{3}{4}$ 3.7 157.2

160.9 Browning St 46

cb 4.9 156.0
 NE 7.8 153.1 ✓
 +10 9.3 151.6
 T.P. 13.15 161.26 12.76 148.11

S.E. cb line

-10 10.4 150.9
 NE 8.7 152.6 ✓
 cb 5.4 155.9
 $\frac{1}{4}$ 3.9 157.4
 $\frac{1}{2}$ 2.8 158.5 ✓
 $\frac{3}{4}$ 2.2 159.1
 cb 1.5 159.8
 SW 0.0 161.3 ✓

S.E. $\frac{1}{4}$

SW 0.0 161.3
 cb 1.8 159.5
 $\frac{1}{4}$ 2.2 159.1
 $\frac{1}{2}$ 3.3 158.0
 $\frac{3}{4}$ 4.5 156.8
 cb 5.7 155.6
 NE 9.2 152.1

161.26

 $\frac{1}{2}$ Clove

NE	10.1	151.2	✓
cb	6.5	154.8	
$\frac{1}{4}$	4.9	156.4	
$\frac{1}{2}$	3.9	157.4	✓
$\frac{1}{4}$	2.8	158.5	
cb	2.2	159.1	
SW	0.4	160.9	✓

NW $\frac{1}{4}$

SW	0.4	160.9	
cb	2.4	158.9	
$\frac{1}{4}$	3.2	158.1	
$\frac{1}{2}$	4.2	157.1	
$\frac{1}{4}$	5.8	155.5	
cb	7.1	154.2	
NE	9.8	151.5	

NW cb

NE	10.8	150.5	✓
cb	8.6	152.7	
$\frac{1}{4}$	6.7	154.6	
$\frac{1}{2}$	5.0	156.3	✓
$\frac{1}{4}$	4.0	157.3	
cb	3.1	158.2	
SW	0.9	160.4	✓

161.3

Browning St

47

N.W. line of Clove St

SW	1.2	160.1	✓
cb	4.5	156.8	
$\frac{1}{4}$	5.2	156.1	
$\frac{1}{2}$	6.8	154.5	✓
$\frac{1}{4}$	8.5	152.8	
cb	9.3	152.0	
NE	11.3	150.0	✓

50' N.W.

NE	11.6	149.7	✓
cb	9.7	151.6	
$\frac{1}{4}$	8.6	153.7	
$\frac{1}{2}$	7.4	153.9	✓
+5	7.6	153.7	
+6	6.3	155.0	
$\frac{1}{4}$	6.1	155.2	
cb	5.8	155.5	
+6	5.2	156.1	
SW	1.5	159.8	✓

100' NW

SW	4.7	156.6	✓
+6	5.9	155.4	
+9	7.8	153.5	
cb	7.9	153.4	

161.26

$\frac{1}{4}$	8.1	153.2	
$\frac{1}{2}$	9.3	152.0	✓
$\frac{3}{4}$	9.5	151.8	
cb	10.2	151.1	
NE	12.0	149.3	✓

150' NW

NE	11.9	149.4	✓
cb	10.8	150.5	
$\frac{1}{4}$	9.9	151.4	
$\frac{1}{2}$	9.1	152.2	✓
$\frac{3}{4}$	8.5	152.8	
cb	6.4	152.9	
SW	4.5	156.8	✓

1796.7

SW End cb & S/W

7.53 153.73

200' NW

SW	4.1	157.2	✓ Conc. Driveway
cb	7.5	153.8	
$\frac{1}{4}$	7.5	153.8	
$\frac{1}{2}$	8.0	153.3	✓
$\frac{3}{4}$	8.3	153.0	
cb	9.0	152.3	
NE	9.9	151.4	✓

Browning St

48

161.3

2+21

NE	End cb & S/W + Gutter	9.96	152.30	✓
T.P.	11.25	166.62	5.89	155.37

250' NW

NE	13.7	152.9	✓
cb	13.3	153.3	Cmt
Gutter	14.1	152.5	Cmt
$\frac{1}{4}$	13.0	153.6	
$\frac{1}{2}$	12.7	153.9	✓
$\frac{3}{4}$	12.6	154.0	
Gutter	12.4	154.2	Dirt
cb	11.72	154.90	Cmt
SW	8.4	158.2	✓ on lawn

300' NW

SW	8.7	157.9	✓
cb	10.08	156.54	Cmt
Gutter	11.9	154.7	Dirt
$\frac{1}{4}$	11.0	155.6	
$\frac{1}{2}$	11.3	155.3	✓
$\frac{3}{4}$	11.6	155.0	
Gutter	12.28	154.34	Cmt
cb	11.45	155.17	Cmt
NE	11.3	155.3	

166.62

SE line Chatsworth Blvd

NE	9.8	156.8	
Top cb	9.96	156.66	Cmt
Gutter	10.76	155.86	
cb	9.99	156.63	On paving
$\frac{1}{4}$	9.49	157.13	"
$\frac{1}{2}$	9.27	157.35	"
$\frac{3}{4}$	9.06	157.56	"
cb	7.08	157.54	"
Gutter	9.04	157.58	"
Top cb	8.34	158.28	Cmt
	7.24	159.40	SWBP Alert + Chats
		159.36	

Notes: 3' Cmt gutter on NE No.
gutter on SW

Tolman
8-3-57

Curb elevations on 49th St. —
El Cajon north

380.85

50

				SWRP 47th & El Cajon
	7.06	354.26		347.20
	11.56	362.43	3.39	350.87
		N.L. El Cajon		
744' on west			5.69	356.7
733' on east			3.52	358.9
700' E			2.85	359.6
700' W			4.37	358.0
TP	12.18	373.81	0.80	361.63
600' E			11.10	362.7
600' W			12.18	361.6
500' E			6.39	367.4
500' W			7.45	366.3
405' E			1.92	371.9
405' W			2.91	370.4
400' E			1.76	372.0
400' W			2.69	371.1
TP	9.74	380.85	2.70	371.11
300' E			6.50	374.4
300' W			7.05	373.8

201' E	4.84	376.0
201' W	4.82	376.0
200' E	4.83	376.0
200' W	4.82	376.0
100' E	5.60	375.3
100' W	5.57	375.3
00' E	6.55	372.3
00' W	6.55	372.3

Culvert.

Dunn
Flood.
Bichet
Aug 9-27

51

Levels for Culvert Blk 1 Stephens Add: from the South line
of Woolman to the north line of Teak, 5' east of the West line of
lot 16 along secured right of way:

	+	-	Elc
	81.89	88.55	83.66 Taphydant S.E. Cor Woolman and 37th
14' N of 0+00 = Concrete gutter, outlet of proposed Culvert		16.01	72.54
14' N of 0+00 on Concrete curb		15.38	73.17
00+00 = S.L. of Woolman Ave on ground:		15.1	73.5
0+03 Top of Cut		9.3	79.3
0+10		8.5	80.1
0+20		8.4	80.2
0+50		9.4	79.2
0+75		10.0	78.1
1+00		11.6	77.0
1+20 ± = S.E. Teak Treat St (N.W.) (Teak)		11.7	76.9
1+30 ± = S.E. Teak Treat St (N.E.) (Teak)		11.0	77.1

60' wide
12' ebs
9' 1/2

49th St X Sec. El Cajon to Orange

9-19-27
Miller

359.57

52

RM.				N. W. El Cajon + Estrella			
	-8.04	359.57	351.53			4.6	355.0
	S. line El Cajon on diagonal					4.5	355.1
W		4.2	355.4		gutter	4.8	354.8
eb		4.18	355.39	emt eb	emt eb	3.83	355.74
gutter		4.74	354.83	parmt	E	4.1	355.5
"4		4.20	355.37	"	"	84'.5	
E		3.73	355.84	"	E	4.7	354.9
"4		3.51	356.06	"	emt eb	4.81	354.76
gutter		3.42	356.15	"	gutter	5.5	354.1
eb		2.66	356.91	emt eb	"4	5.4	354.2
E		2.3	357.3		E	5.4	354.2
	00=90' from S. W. Cor 49 th & El Cajon.				"4	5.7	353.9
E		2.5	357.1		gutter	6.0	353.6
emt eb		2.77	356.80		emt eb	5.17	354.40
gutter		3.5	356.1		W	5.7	353.9
"4		3.6	356.0			100'.5	
E		3.8	355.8		W	5.7	353.9
"4		4.3	355.3		emt eb	5.30	354.27
gutter		4.7	354.9		gutter	6.1	353.5
emt eb		4.21	355.36		"4	5.9	353.7
W		4.2	355.4		E	5.5	354.1
		42'.5			"4	5.5	354.1
W		5.2	354.4		gutter	5.7	353.9
emt eb		4.72	354.85		emt eb	5.02	354.55
gutter		5.4	354.2		E	4.7	354.9
"4		5.1	354.5				

Plotted 10-1-28
C.P.M.

359.57

135'.5

e		4.7	354.9	
ent. cl.		5.20	354.37	
gutter		6.0	353.6	
1/4		5.8	353.8	
e		5.6	354.0	
1/4		6.1	353.5	
gutter		6.7	352.9	
ent. cl.		5.73	353.84	
T.P.	3.56	357.18	5.95	353.62
W		3.5	353.7	
				125'.5
W		4.1	353.1	
ent. cl.		3.60	353.58	
gutter		4.4	352.8	
1/4		4.1	353.1	
e		3.7	353.5	
1/4		3.6	353.6	
gutter		3.8	353.4	
ent. cl.		2.98	354.20	
e		3.1	354.1	
				200'.5
e		3.2	354.0	
ent. cl.		3.14	354.04	
gutter		4.2	353.0	
1/4		3.8	353.4	
e		2.9	353.3	

357.18

49th St

53.

1/4		4.4	352.8	
gutter		4.8	352.4	
ent. cl.		4.00	353.18	
W		4.3	352.9	
				250'.5
W		4.1	353.1	
ent. cl.		4.12	353.06	
gutter		4.8	352.4	
1/4		4.5	352.7	
e		4.0	353.2	
1/4		4.0	353.2	
gutter		4.1	353.1	
ent. cl.		3.33	353.85	
E		3.3	353.9	
				300'.5
E		2.6	354.6	
1/4		3.4	353.8	
ent. cl.		3.54	353.64	
gutter		4.3	352.9	
1/4		4.0	353.2	
e		3.9	353.3	
1/4		4.6	352.6	
gutter		5.0	352.2	
ent. cl.		4.30	352.88	
+10		4.3	352.9	
W		3.6	353.6	

357.18
350' S.

W	3.3	353.9
+ 2	4.4	352.8
emt. cl.	4.55	352.63
gutter	5.1	352.1
1/4	4.7	352.5
'e	4.2	353.0
1/4	4.3	352.9
gutter	4.5	352.7
emt. cl.	3.80	353.38
+ 9	3.6	353.6
E	2.8	354.4

400' S.

E	3.7	353.5
emt. cl.	3.98	353.20
gutter	4.8	352.4
1/4	4.5	352.7
c	4.3	352.9
1/4	4.9	352.3
gutter	5.3	351.9
emt. cl.	4.83	352.35
+ 10	5.0	352.2
W	4.4	352.8

4.50' S.

W	5.3	351.9
emt. cl.	5.10	352.08
gutter	5.7	351.5

357.18

49th ST
54

1/4	5.1	352.1
c	4.7	352.5
1/4	4.8	352.4
gutter	4.9	352.3
emt. cl.	4.18	353.00
E	3.9	353.3
485.75 S = N. Line Trojan		
c	4.1	353.1
emt. cl.	4.20	352.98
gutter	4.6	352.6
1/4	4.7	352.5
c	4.8	352.4
1/4	5.0	351.9
gutter	5.8	351.4
emt. cl.	5.30	351.88
W	5.3	351.9

N. cl.

W. on emt. cl.	5.81	351.87
0.2 S. of above = gutter	6.3	350.9
cl	6.0	351.2
1/4	5.3	351.9
c	4.6	352.6
1/4	4.6	352.6
cl	4.5	352.7
E on emt. cl.	3.70	353.48
0.2 S. of above = gutter	4.2	353.0

Note S.W. - S.E. + N.E. emt. cl. Returns in at Trojan + 49th ST
 Returns 7.5 Radius should be 12' Radius.
 N.W. Returns not in

357.18

N. 114

e	4.4	352.8
cl	4.4	352.8
114	4.5	352.7
e	4.6	352.6
114	5.1	352.1
cl	5.6	351.6
W	6.0	351.2

± Trojan

N	5.4	351.8
cl	5.1	352.1
114	4.9	352.3
e	4.6	352.6
114	4.5	352.7
cl	4.2	353.0
e	3.9	353.3

S, 114

E	4.3	352.9
cl	4.6	352.6
114	4.7	352.5
e	4.8	352.4
114	5.0	352.2
cl	5.3	351.9
W	5.7	351.5

S, cl.

W	5.25	351.93	cmt. cl.
---	------	--------	----------

0.2 N. of above = gutter

5.9 351.3

357.18

49th St 55

cl	5.6	351.6	
114	5.3	351.9	
e	5.6	352.2	
114	4.9	352.3	
cl	4.7	352.5	
e.	3.80	353.38	cmt. cl.
0.2 N. of above = gutter	4.5	352.7	

0.2 S. Line & Trojan.

e	4.3	352.9
cmt. cl.	4.40	352.78
gutter	4.9	352.3
114	5.0	352.2
e	4.8	352.3
114	5.2	352.0
gutter	5.5	351.7
cmt. cl.	4.66	352.52
W.	5.1	352.1

50's.

W	5.7	351.5
cmt. cl.	5.40	351.78
gutter	4.2	351.0
114	5.7	351.5
e	5.1	352.1
114	5.4	351.8
gutter	5.9	351.3

357.18

50' S. (E on)

E. emt. cl.	5.03	352.15
E	4.9	352.3
	100' S	
E	4.9	352.3
r2	5.4	351.8
emt. cl.	5.61	351.57
gutter	6.3	350.9
"4	6.1	351.1
C	5.8	351.4
"4	6.4	350.8
gutter	6.9	350.3
emt. cl.	6.00	351.18
W	6.6	350.6
	150' S.	
w	7.6	349.6
emt. cl.	6.74	350.44
gutter	7.5	349.7
"4	7.2	350.0
C	6.8	350.4
"4	6.8	350.4
gutter	6.9	350.3
emt. cl.	6.20	350.98
E	5.8	351.4
	180' S.	
E	6.3	350.9
emt. cl.	6.50	350.68

357.18

49th St
56

gutter	7.2	350.0
"4	7.2	350.0
C	7.2	350.0
"4	7.7	349.5
gutter	8.0	349.2
emt. cl.	7.10	350.08
W.	8.0	349.2
	202' S	
w	8.5	348.7
emt. cl.	7.48	349.70
gutter	8.4	348.8
"4	7.8	349.4
C	7.3	349.9
"4	7.4	349.8
gutter	7.6	349.6
emt. cl. o.k.	6.80	350.3.8 ^{curb} B Broken.
E	6.5	350.7
T.P. 223	351.94 ✓	7.47 349.71 ✓
	225' S.	
E	1.7	350.2
r8	2.0	349.9
emt. cl. N.G.	2.4	349.5
gutter	3.4	348.5
"4	2.9	349.0
C	2.4	349.3
"4	3.2	348.7

351.94

R25'S (con)

gutter	3.7	348.2
ent. ch.	2.80	349.14
N	3.5	348.4
R40'S		
N	3.8	348.1
ent. ch.	3.30	348.64
gutter	4.1	347.8
W	3.6	348.3
E	3.2	348.7
W	3.3	348.6
gutter	3.9	348.0
ent. ch. N. G	3.0	348.9
+9	2.4	348.5
E	2.0	349.9
R55'S		
E	2.8	349.1
ent. ch. O.K. Here S.	3.12	348.82
gutter	4.0	347.9
W	3.8	348.1
E	3.5	348.4
W	4.0	347.9
gutter	4.4	347.5
ent. ch.	3.66	348.28
W	4.3	347.6

351.94

R83'S

W	5.6	346.3
ent. ch.	4.50	347.44
gutter	5.3	346.6
W	4.9	347.0
E	4.4	347.5
W	4.5	347.4
gutter	4.7	347.2
ent. ch.	4.19	347.75
E	3.6	348.3
R21'S		
E	4.6	347.3
+4	5.5	346.4
ent. ch.	5.81	346.13
gutter	6.6	345.3
W	6.4	345.5
E	6.1	345.8
W	6.4	345.5
gutter	7.1	344.8
ent. ch.	6.21	345.73
W	7.1	344.8
R45'S		
W	8.2	343.7
ent. ch.	7.76	344.18
gutter	8.1	343.8
W	7.6	344.3
E	7.5	344.4

49th St.
57

351.94

345'S (cont)

E. 1/4	7.6	344.3
gutter	8.0	343.9
ent. ch	6.95	344.99
E	6.6	345.3

371'S

E	8.3	343.6
ent. ch	8.31	343.63
gutter	9.1	342.8
1/4	9.3	342.6
e	9.4	342.5
1/4	9.6	342.3
gutter	10.2	341.7
ent. ch	9.62	342.32
W	9.7	342.2

392'S

N	10.7	341.2
+2	11.3	340.6
ent. ch	11.49	340.45
gutter	11.7	340.2
1/4	11.6	340.3
e	11.2	340.7
1/4	11.0	340.9
gutter	11.2	340.7
ent. ch	9.81	342.13
E	9.6	342.3
T.P.	0.37	339.36
	12.95	338.99

339.36

425'S = S. End Ent Curbs

47th St
58

E	1.2	338.2
ent. ch	0.87	338.49
gutter	2.3	337.1
1/4	1.0	337.6
e	2.0	337.4
1/4	2.1	337.3
gutter	2.3	337.1
ent. ch	1.62	337.74
W	0.8	338.6

4.50'S

W	2.7	336.7
ch	3.5	335.9
1/4	3.9	335.5
e	4.0	335.4
1/4	3.9	335.5
ch	3.9	335.6
+9	5.0	334.4
E	7.5	331.9
+5	5.2	334.2

4.75'S

(Here on see Page 79)

-15	8.2	331.1
-7	11.0	328.4
E	8.5	330.9
+10	5.4	334.0
ch	5.5	333.9
1/4	5.7	333.7

339.36

475' S. (con)

c		5.8	333.6
W. 114		5.7	333.7
cb		5.6	333.8
W		5.3	334.1
	500' S		
-10		8.4	331.0
W		8.0	331.4
cb		7.4	332.0
114		7.0	332.4
c		7.4	332.0
114		7.3	332.1
+8		7.4	332.0
cb		6.6	332.8
E		9.5	329.9
+15		13.7	325.7
T.P.	1.00	331.49	8.87 330.49
		525' S	
-20		7.8	323.7
c		4.0	327.5
cb		1.9	329.6
+5		1.0	330.5
114		1.0	330.5
c		1.0	330.5
114		1.5	330.0
cb		1.5	330.0
W		1.7	329.8
+10		3.0	328.5

331.49

542' S

-20		7.2	324.3
W		4.6	326.9
cb		3.7	327.8
114		2.8	328.7
c		2.1	329.4
114		1.8	329.7
cb		2.4	329.1
E		7.6	323.9
+10		8.7	322.8
+22		9.7	321.8
	546' S		
-25		10.2	321.3
-5		8.8	322.7
E		7.9	323.6
+10		3.5	328.0
cb		5.7	325.8
114		7.0	324.5
+4		7.5	324.0
+7		2.1	329.4
c		2.3	329.2
114		4.4	327.1
cb		3.7	327.8
W		4.8	326.7
+20		7.2	324.3

49th 54

59

331.49
555 S

-22	7.5	324.0
W	6.5	325.0
cl	5.5	326.0
14	9.1	322.4
e	11.6	319.9
14	11.9	319.6
cl	12.2	319.3
e	12.4	319.1
+25	12.0	319.5

562 S

-25	12.2	319.3
e	12.1	319.4
cl	11.7	319.8
14	11.5	320.0
e	8.0	323.5
14	8.6	322.9
cl	7.6	323.9
W	7.7	323.8
+20	8.0	323.5

567 S

-20	8.5	323.0
W	9.0	322.5
cl	9.2	322.3
+5	10.0	321.5
14	7.6	323.9
+6	4.6	326.9

331.49

49th ST
60

e	7.2	324.3
+2	9.2	322.3
14	10.7	320.8
cl	10.0	321.5
e	11.5	320.0
+25	12.4	319.1

578 S

-25	12.4	319.1
-5	11.7	319.8
e	9.0	322.5
cl	6.0	325.5
14	5.6	325.9
e	2.0	329.5
14	7.8	323.7
+5	10.4	321.1
cl	10.2	321.3
W	10.1	321.4
+20	9.8	321.7

579 S

-20	9.8	321.7
W	10.1	321.4
cl	10.8	320.7
+5	10.5	321.0
14	7.5	324.0
e	2.3	329.2
14	1.9	330.6

331.49

579' S. (con)

E. db	2.5	329.0	
E	10.6	320.9	
+20	11.7	319.8	
	584' S.		
-20	10.3	321.2	
E	9.4	322.1	
db	2.4	329.1	
1/4	1.5	330.0	
E	2.2	329.3	
+6	8.6	322.9	
1/4	9.6	321.9	
db	10.5	321.0	
+3' = W. End (intake) of 4" Pipe	10.65	320.84	Flowline
W	9.4	322.1	
+20	7.4	324.1	
	587' S.		
-20	5.5	326.0	
W	7.3	324.2	
db	7.1	324.4	
1/4	6.6	324.9	
E	4.9	326.6	
+4	1.5	330.0	
1/4	1.5	330.0	
db	2.4	329.1	
E	8.4	323.1	
+20	8.5	323.0	

331.49

590' S.

-20	6.8	324.7	
E	6.4	325.1	
db	4.5	327.0	
1/4	3.5	328.0	
E	4.0	327.5	
1/4	5.15	326.0	
db	6.4	325.1	
W	5.1	326.4	
+10	4.2	327.3	
T.P. 12.03.	342.87	0.65	330.84
	6.60' S = N. Line Orange		Note recent fall N. from N.L. Orange
W.	10.0	332.9	see page 76 this Book By Moore 1/1/1928
db	10.6	332.3	
1/4	11.0	331.9	
E	11.3	331.6	
1/4	11.9	331.0	
db	12.3	330.6	
E	12.0	330.9	
T.P. 8.02	350.65	0.24	342.63
ehk on B.M. B.P. church steps	2.27	346.48	S.E. Orange + Estrella
T.P. 4.34	350.58	4.41	346.14
T.P. 2.72	350.60	2.70	347.88

49th St

61

60' wide
12' chs
9' 1/2 s.

Trojan St X See
48th St. to Altadena.

9-19-28
Muller

350.60

62

350.60 Page 61.

20' Radius Returns at 48th Trojan.

00 = E. Line 48th St.

N.	6.4	
+10 = E. end 20' Rad Ret - on Curve	6.75	343.85 Top ch.
gutter	7.10	343.50 pavmt
ch. Line	7.10	"
"	7.28	"
"	7.60	343.00 "
"	7.95	"
ch Line	8.42	"
gutter	8.44	342.12 "
+25 Cent ch. on curve	8.00	342.60 pavement
	7.9	

8' E. - End 20' R. Curb Returns

S	7.8	342.8
ch	8.0	
"	7.9	
"	7.7	342.9
"	7.4	
ch	7.3	
N	5.9	344.7

50' E.

N	6.5	344.1
ch	7.2	
"	7.9	

Plotted 10-1-28 C.P.M.

C	8.0	342.6
"	7.6	
ch	7.6	
S	7.1	343.5
		100' E.
S	6.5	344.1
ch	7.4	
"	7.4	
C	7.1	343.5
"	7.2	
ch	7.2	
N	6.0	344.6
		144' E
"	6.6	344.6
ch	6.3	
"	6.0	
C	6.1	344.5
"	6.4	
ch	7.0	
S	6.3	344.3
		145' E. Line Alley.
S	6.3	344.3
ch	7.0	
		No Alley curb on S
R. E. of above = W. End ch on S.	6.12	344.45
"	6.4	
C	6.1	344.5

350.60

145' E. (cont)

N. 1/4	6.0	
gutter	6.2	
N. emt. ch	5.55	345.05
N. on N. end Alley Return	5.25	345.35

200' E.

N	5.0	345.6
emt. ch	4.89	345.71
gutter	5.5	
" 1/4	5.3	
e	5.3	345.3
" 1/4	5.5	
gutter	5.7	
emt. ch	4.82	345.78
S.	4.6	

250' E.

S	3.3	
emt. ch	3.52	347.08
gutter	4.5	
" 1/4	4.3	
e	4.3	346.3
S.	4.5	
gutter	5.0	
emt. ch	4.25	346.35
N.	4.0	

350.60

270' E. = W. Line - Estrella

N	4.0	
emt. ch	3.95	346.65
gutter	4.8	
" 1/4	4.2	
e	3.9	346.7
" 1/4	3.8	
gutter	4.0	
emt. ch	2.95	347.65
S	2.4	

W. ch

S on emt. ch	2.31	347.29
0.2 E. of above - gutter	3.4	
S. ch line	3.6	
" 1/4	3.5	
e	3.6	347.0
" 1/4	3.8	
N. ch line	4.8	
N. on emt. ch	4.00	346.6
0.2 E. of above - gutter	4.7	

W. 1/4

N	4.3	346.3
ch	4.3	
" 1/4	3.8	
e	3.5	347.1
" 1/4	3.5	
ch	3.5	
S.	3.3	347.3

Note: Trojan and Estrella N.W. 10' Return curb in let
 N.E. 5.E. + S.W. 7 Radius

Trojan St

63

350.60

♀ Estrella
3.0

S		347.6
cb	3.3	
"4	3.4	
e	3.5	347.1
"4	3.7	
cb	4.1	
N	4.1	346.5
	E. 4	
N	3.7	346.9
cb	4.1	
"4	3.8	
e	3.5	347.1
"4	3.4	
cb	3.3	
S	3.6	347.6
	E. cb.	
S on cnt. cb.	2.38	347.22
o. w. of above = gutter	3.3	
cb. line	3.5	
"4	3.4	
e	3.3	347.3
"4	3.6	
cb. line	4.1	
N. on cnt. cb.	3.38	346.22
o. w. of above = gutter	4.0	

350.60

Trojan

64

00 = E. Line Estrella

N.	3.4	347.2
cnt. cb.	3.41	
gutter	3.8	
"4	3.6	
e	3.1	347.5
"4	3.3	
gutter	3.5	
cnt. cb.	2.60	
S.	2.5	348.1
	50' E.	
S	2.3	348.3
cnt. cb.	2.33	348.27
gutter	3.1	
"4	2.9	
e	2.9	347.7
"4	3.2	
gutter	3.2	
cnt. cb.	2.87	347.73
N.	3.2	
	100' E.	
N.	2.5	348.1
cnt. cb.	2.30	348.2
gutter	2.9	
"4	2.5	
e	2.2	348.4
"4	2.4	

350.60

10' E. (con)

S. gutter	2.7	
emt. cl.	1.97	348.63
S	1.9	
T.P.	13.00	361.67
	1.93	348.67

125' E = W. Line Alley

S. on end of Alley Return	12.60	349.07
S. emt. cl.	12.93	348.74
gutter	13.2	
"4	12.9	
c	12.8	348.9
"4	13.1	
gutter	13.4	
emt. cl.	13.03	348.64
^{on} N. emt. cl.	12.85	348.82

145' E = E. Line Alley

N. ^{on} emt. cl.	12.36	349.31
emt. cl.	12.61	349.06
gutter	13.1	
"4	13.0	
c	12.5	349.2
"4	12.5	
gutter	12.9	
emt. cl.	12.40	349.27
^{on} S. emt.	11.93	350.74

361.67

Trojan 65

200' E.

S	11.1	
emt. cl.	11.23	350.44
gutter	12.1	
"4	11.9	
c	11.6	350.1
"4	11.7	
gutter	12.2	
emt. cl.	11.40	350.27
N	11.6	

250' E.

N	10.0	
emt. cl.	10.23	351.47
gutter	11.6	
"4	10.8	
c	10.3	351.4
"4	10.7	
gutter	11.1	
emt. cl.	10.23	351.44
S	10.1	

270' E = W. Line 49th St.

S	9.6	352.1
emt. cl.	9.74	351.93
gutter	10.4	351.3
"4	10.2	351.5
c	9.9	351.8
"4	10.5	351.2

361.67

N gutter		10.8	350.9
cmt. el.		9.80	351.87
N		9.8	351.9
Intersection Page 54			
00 = E. line 49 th St			
N		8.6	353.1
cmt. el.		8.19	353.48
gutter		8.7	353.0
"4		8.9	352.8
e		8.4	353.3
"4		8.8	352.9
gutter		9.0	352.7
cmt. el.		8.29	353.38
S		8.8	352.9
50' E.			
S		6.4	355.3
cmt. el.		6.70	354.97
gutter		7.7	354.0
"4		7.5	354.7
e		6.8	355.0
"4		7.2	354.5
gutter		7.7	354.0
cmt. el.		6.65	355.02
N		6.8	354.9
T.P.	8.90	367.56	3.01 358.66

367.56

Trojan LL

100' E

N		11.0	356.6
cmt. el.		10.92	356.64
gutter		11.9	355.7
"4		11.6	356.0
e		11.2	356.4
"4		11.6	356.0
gutter		12.0	355.6
cmt. el.		11.10	356.46
S		10.9	356.7
125' E = W. line Alley			
S on Alley Return		10.10	357.46 ↓
S. el.		10.40	357.16 ↓
gutter		10.6	357.0 ↓
"4		10.8	356.8 ↓
e		10.3	357.3 ↓
"4		10.7	356.9 ↓
gutter		11.1	356.5 ↓
N cmt. el.		10.13	357.43 ↓
W on Alley Ret		9.73	357.53 ↓
126 E			
N		10.5	357.1
el.		11.1	356.5
"4		10.7	356.9
e		10.3	357.3
"4		10.8	356.8
dr		10.5	357.1
S		9.5	358.1

367.56

144' E

s	9.3	358.3
cl	10.2	357.4
"y	10.2	357.4
e	9.7	357.9
"y	10.0	357.6
cl	10.7	356.9
+1	10.2	357.4
N	9.8	357.8

145' e = E. Line Alley

OK N. on emt. Alley Return	9.00	358.5	loch O.K.
NG 46	9.10	358.4	bel. O.K.
N. cl	9.4	358.2	cl N.G.
gutter	10.6	357.0	
"y	10.0	357.6	
e	9.6	358.0	
"y	10.1	357.5	
gutter	10.1	357.5	
emt. cl	9.77	357.79	
S. on emt Alley Return	9.25	358.31	

183' E

s	7.6	360.0
emt. cl	7.90	359.66
gutter	9.1	358.5
"y	8.9	358.7
e	8.2	359.4
"y	8.5	359.1

367.56

Trojan 67

gutter	8.7	358.9
emt cl	8.00	359.56
N	7.8	359.8
	225' E	
N	6.4	361.2
emt cl	6.23	361.33
gutter	7.1	360.5
"y	6.6	361.0
e	6.3	361.3
"y	7.1	360.5
gutter	7.1	360.5
emt cl	5.70	361.86
s	5.3	362.3
	270' E = W. Line Winona Ave	
s	3.0	364.6
emt cl	3.41	364.15
gutter	4.5	363.1
"y	4.5	363.1
e	4.5	363.1
"y	5.0	362.6
gutter	5.3	362.3
emt cl	4.58	362.98
N	4.8	362.8

367.56

W. cl. Winona

N. on emt. cl.	4.40	363.16
O. r. E = gutter	5.3	362.3
N. cl. line	4.9	362.7
"	4.5	363.1
e	4.1	363.5
"	4.0	363.6
S. cl. line	4.0	363.6
S. on emt. cl.	2.40	365.16
O. r. E = gutter	3.4	364.2

W. "y

s	2.6	365.0
cl	3.3	364.3
"	3.6	364.0
e	3.7	363.9
"	4.0	363.6
cl	4.3	363.3
N	4.5	363.1

E. Winona

N	4.1	363.5
cl	3.8	363.8
"	3.6	364.0
e	3.3	364.3
"	3.2	364.4
cl	2.8	364.8
s	2.3	365.3

367.56

Trojan.

68

E. "y

s	2.2	365.4
cl	2.8	364.8
"	3.1	364.5
e	3.4	364.2
"	3.7	363.9
cl	4.0	363.6
N	4.5	363.1

E. cl

N. on emt. cl.	4.05	363.51
O. r. W. of above = gutter	4.6	363.0
N. cl. line	4.2	363.4
"	3.6	364.0
e	3.1	364.5
"	3.0	364.6
S. cl. line	2.5	365.1
S. on emt. cl.	1.31	366.25
O. r. W. of above = gutter	2.4	365.2

O. r. E. line Winona

s	0.8	366.8
emt. cl.	1.01	366.55
gutter	2.2	365.4
"	2.4	365.2
e	2.3	365.0
"	2.7	364.9
gutter	2.8	364.8
emt. cl.	2.29	365.27
N	2.5	365.1

~~347.56~~

T.P	10.82	378.22	0.16	367.40
		15'E		
N			11.4	366.8
ent cl			11.70	366.52
gutter			12.5	365.7
"4			12.1	366.1
e			11.8	366.4
"4			12.1	366.1
gutter			11.9	366.3
ent cl			10.94	367.28
S			10.2	368.0
		40'E.		
S			9.0	369.2
ent cl			9.57	368.65
gutter			10.4	367.8
"4			10.5	367.7
e			10.4	367.8
"4			10.6	367.6
gutter			11.0	367.2 ^{367.07}
ent cl			10.20	368.02 }
N			10.0	368.2
		80'E.		
N			7.8	370.4
ent cl			7.90	370.32
gutter			8.6	369.6
"4			8.6	369.6

378.22

Troj 47

29

e			8.3	369.9
"4			8.3	369.9
gutter			8.6	369.6
ent cl			7.52	370.70
S			7.0	371.2
		125'E. = W. Line Alley		
S. on ent cl. Alley Ret			4.73	373.49
S. ent cl			5.20	373.02
gutter			5.7	372.5
"4			5.9	372.3
e			5.7	372.5
"4			6.0	372.2
gutter			5.9	372.3
ent cl.			5.34	372.88
N. on ent. cl. Alley Return			5.14	373.08
		145 = E. Line Alley		
N. on ent. cl. Alley Return			4.72	373.50
N ent. cl.			4.82	373.40
gutter			5.1	373.1
"4			5.0	373.2
e			4.7	373.5
"4			4.8	373.4
gutter			4.8	373.4
S. ent. cl.			4.05	374.17
S. on ent Alley Return			3.8	374.4

378.22
200'E,

s	3.1	375.1
emt, el	3.28	374.94
gutter	3.9	374.3
"	3.5	374.7
e	3.5	374.7
"	3.6	374.6
gutter	4.1	734.1
emt, el	3.35	374.87
N	2.9	375.3

240'E

n	2.3	375.9
emt, el	2.51	375.71
gutter	3.4	374.8
"	3.0	375.2
e	2.8	375.4
"	2.9	375.3
gutter	3.5	374.7
emt, el	2.67	375.55
s	2.6	375.6

270'E. = N. Line 50th St.

s	3.2	375.0
emt, el	2.18	376.04
gutter	3.2	375.0
"	2.7	375.5
e	2.5	375.7
"	2.7	375.5
gutter	2.8	375.4

378.22

Trojan 70

emt, el	2.00	376.22
N	1.8	376.4
N.W. Ret in 8' Radius		
SW	" "	12 "

N. el

N. br emt, el	2.25	375.97
one of above = gutter	2.8	375.4
N. el line	3.0	375.2
"	2.8	375.4
e	2.8	375.4
"	3.2	375.0
s. el. line	3.4	374.8
s. on emt, el	3.50	374.72
on E. of above gutter	4.3	373.9

N. 1st

s	3.9	374.3
el	3.3	374.9
"	3.1	375.1
e	2.8	375.4
"	2.6	375.6
el	2.5	375.7
N	2.6	375.6

φ. 50th St

N	2.5	375.7
el	2.6	375.6
"	2.8	375.4

378.22

E 50th (con)

4	3.0	375.2
"4	3.2	375.0
ch	3.5	374.7
S	4.0	374.2
E. 44		
S	4.0	374.2
ch	3.8	374.4
"4	3.6	374.6
E	3.4	374.8
"4	3.2	375.0
ch	3.2	375.0
N	3.1	375.1

E. ch. No Returns on E.

N. in top emt. ch s. end	2.3	375.79	no yardage
N	3.3	374.9	short gutter
ch	3.7	374.5	
"4	3.5	374.7	
E	3.8	374.4	
"4	3.9	374.3	
ch	4.1	374.1	
S	4.3	373.9	

00 = E. Line 50"

S	4.8	373.4
ch	4.7	373.5
"4	4.6	373.6
E	4.4	373.8

378.22

Trojan

71

44	4.1	374.1
ch	3.9	374.3
N	3.4	374.8
15' E		
-5	3.8	374.4
N	4.0	374.2
ch	4.7	373.5
"4	5.4	372.8
E	5.7	372.5
"4	6.1	372.1
+4	5.6	372.6
ch	5.7	372.5
+7	5.7	372.5
S	6.6	371.6
+5	7.1	371.1
45' E		
-10	14.1	364.1
S	12.1	366.1
ch	9.2	369.0
"4	8.2	370.0
E	8.0	370.2
"4	7.7	370.5
ch	7.6	370.6
+3	8.8	369.4
N	8.0	370.2
+10	8.1	370.1

		378.22		
T.P.	3.09	373.90	7.41	370.81
		60' E.		
-15			8.0	365.9
N.			8.3	365.6
+4			8.7	365.2
dr			5.3	368.6
+4			4.4	369.5
"4			4.4	369.5
e			4.6	369.3
"4			5.4	368.5
dr			8.5	365.4
+7			11.1	362.8
S			11.7	362.2
+20			15.0	358.9
		75' E.		
-30			21.1	352.8
S			18.4	355.5
dr			13.4	360.5
"4			7.5	366.4
+6			5.5	368.4
e			5.4	368.5
"4			5.2	368.7
+3			5.2	368.7
dr			7.4	366.5
+6			10.8	363.1
N			12.1	361.8
+30			9.9	364.0

Notes for Culvert Trojan 72

30'?			
		X 373.90	
00 = 20' N. of N. Line Trojan	10.2		363.7
0 + 30 = N. line	12.1		361.8
0 + 35	11.0		362.9
0 + 42	7.7		366.2
0 + 48	5.2		368.7
0 + 64	5.5		368.4
0 + 85	17.4		356.5
0 + 86	19.8		354.1
0 + 90 = S. line	20.0		353.9
1 + 25	22.9		351.0

373.90
78.8

30	8.4	365.5
N	11.9	362.0
+5	11.6	362.3
cb	7.7	366.2
+7	5.2	368.7
1/4	5.2	368.7
e	5.4	368.5
+4	5.5	368.4
1/4	7.9	366.0
cb	13.0	360.9
+7	17.4	356.5
+8	19.8	354.1
S	20.0	353.9
+30	22.6	351.3
	92.8	
-20	17.4	356.5
S	14.2	359.7
cb	12.5	361.4
+4	11.3	362.6
1/4	8.3	365.6
+7	5.5	368.4
e	5.4	368.5
1/4	5.2	368.7
cb	6.0	367.9
+7	8.4	365.5
N	8.1	365.8
+10	6.5	367.4

373.90

Trojan 73

110.2

-5	4.9	369.0
N	4.9	369.0
cb	4.6	369.3
1/4	4.7	369.2
e	4.9	369.0
+4	5.0	368.9
1/4	6.1	367.8
cb	6.8	367.1
S	9.4	364.5
+10	9.9	364.0
	125.2	
-5	5.6	368.3
S	5.3	368.6
cb	4.6	369.3
1/4	4.5	369.4
e	4.3	369.6
1/4	4.3	369.6
cb	4.2	369.7
N	3.1	370.8
	150.2	
N	2.2	371.7
cb	3.5	370.4
1/4	3.5	370.4
e	3.8	370.1
1/4	3.9	370.0
cb	4.1	369.8
S	4.8	369.1

372.90

200' E

S	4.1	3698
eb	3.8	370.1
1/4	3.8	370.1
e	3.7	370.2
1/4	3.4	370.5
eb	3.5	370.4
N	2.5	371.4

235' E

N	2.6	371.3
+3	3.4	
eb	3.9	
1/4	3.7	
e	4.0	369.9
1/4	4.0	
eb	3.7	
S	4.7	369.2

267' E

S	7.4	366.5
eb	5.0	368.9
+5	4.3	369.6
1/4	4.6	369.3
e	4.5	369.4
1/4	4.0	369.9
eb	4.5	368.4
+9	3.6	370.3
N	2.8	371.1

373.90

270' E = W. Line Alladene

Trojan St 74'

6' wide
12' dls
9' 1/4 S

N	3.2	370.7
eb	4.3	369.6
1/4	4.2	369.7
e	4.8	369.1
1/4	5.2	368.7
+4	5.2	368.7
eb	5.7	368.2
S	8.4	365.5

5' E. of W. Line

S	9.8	364.1
eb	7.5	
1/4	6.5	
e	5.4	368.5
1/4	4.5	
eb	4.5	
N	3.6	370.3

Cmt. dls. in on Alladene N. line Trojan North

E. eb. 12' W. of e. line W. eb. 11' E. of W. line

W. eb. line

N	3.8	370.1
1 W. of above on S. end cmt. eb	3.27	No yardage
eb	4.8	
1/4	4.9	
e	5.8	368.1
1/4	6.8	
eb	8.2	
S	10.2	363.7

373.90

W 1/4

S	10.1	363.8
cl	8.2	
1/4	7.4	
e	6.4	367.5
1/4	5.9	
cl	5.0	
N	3.9	370.0
	E Altadena	
N	4.3	369.1
cl	5.7	
1/4	6.2	
e	7.1	366.8
1/4	8.1	
cl	9.3	
S	10.7	363.2
	E. 1/4	
S	10.7	363.2
cl	9.3	
1/4	8.2	
e	7.3	366.6
1/4	6.6	
cl	6.4	
N	4.8	369.1
Non Top ent. cl. No yardage	4.60	369.30
N. ground	5.3	

373.90

Trojan St.

75

cl	6.6	
1/4	7.6	
e	8.1	365.8
1/4	8.1	
cl	9.3	
S	10.5	363.4
	E. Line Altadena	
-15	17.7	
S.	15.6	358.3
cl	11.0	
+6	7.1	
1/4	8.8	
e	8.9	365.0
1/4	8.2	
cl	7.8	
+8	7.7	
N	6.7	367.2
+5	4.6	
	15' E.	
-5	5.7	
N	8.4	365.5
+2	9.3	
cl	9.2	
1/4	9.6	
e	10.1	363.8
1/4	10.1	
+4	10.0	

373.90

et 12.3
 S 16.4 357.5

+15 19.7
 T.P. 12.50 382.75 3.65 370.25

T.P. 8.68 390.98 0.45 382.30

T.P. 2.82 390.41 3.39 387.59

T.P. 3.49 388.53 5.77 384.64

ch KENBON. 76' E. Tie Altadena + Monroe 5.52 383.01 = 383.01

Top Had 15 E. 50th
 + Altadena

383.01 70' N.E. Tie Altadena + Monroe

76

u. 23
 1.50 N.E. 58
 1/108
 1/108
 X sec of recent fill at 49th + Orange

1.44 335.28

320.84

N.L. Orange = 00 = 6+00

EL. of FL. of
 intake of 40"
 Case Pipe Ck.
 see page 61
 THIS BOOK

W	2.4	32.9
ob	2.7	32.6
1/4	4.0	31.3
C	4.3	31.0
1/4	4.5	30.8
ob	4.6	30.7
E	4.5	30.8
0+10 North		5+90
-5	5.0	30.3
E	4.8	30.5
ob	4.6	30.7
1/4	4.5	30.8
C	4.4	30.9
1/4	4.9	31.4
ob	9.7	25.6
W	9.7	25.6
+20	8.0	27.3
0+13		5+87
-20	9.4	25.9
W	11.1	24.2

335.28

w+8		11.8	23.4
cb		9.8	25.5
1/4		5.0	30.3
+3		3.9	31.4
c		4.3	31.0
1/4		4.5	30.8
cb		4.6	30.7
E		4.7	30.6
+5		4.9	30.4
	0+16	5+84	
-5		4.8	30.7
E		4.7	30.6
cb		4.7	30.6
1/4		4.6	30.7
c		4.4	30.9
+7		4.1	31.2
1/4		5.3	30.0
cb		9.7	25.6
+3 = FL intake 1/8" Conc pipe	14 1/4		20.84
w		13.1	22.2
+20		13.0	22.3
	0+21	5+79	
-20		13.6	21.7
w		13.9	21.4
+5		14.0	21.3
cb		9.5	25.8

335.28

4077

77

1/4		5.9	29.4
+3		4.4	31.1
c		4.4	30.9
1/4		4.7	30.6
cb		4.7	30.6
E		4.8	30.5
+5		4.9	30.4
	0+27	5+73	
-5		4.5	30.8
E		4.8	30.5
cb		4.9	30.4
1/4		4.8	30.5
c		4.5	30.8
1/4		4.3	31.0
cb		8.7	26.6
+4		13.0	22.3
w		13.3	22.0
+20		13.8	21.5
	0+33	5+67	
-40		13.8	21.5
w		12.5	22.8
cb		6.8	28.5
+7		4.1	31.2
1/4		4.1	31.2
c		4.6	30.7
1/4		4.7	30.6

33528

cb	4.9	30.4
E	5.0	30.3
+5	4.9	30.4
	0+38	5+62
-5	5.0	30.3
E	5.2	30.1
cb	5.0	30.3
1/4	4.7	30.6
C	4.5	30.8
1/2	3.8	31.5
+6	4.3	31.0
cb	5.4	29.9
w	11.2	24.1
+20	11.9	23.4
	0+45	5+55
-20	17.0	23.3
-3	10.5	24.8
w	9.1	26.2
+10	4.0	31.3
cb	3.9	31.4
1/4	4.0	31.3
C	4.3	31.0
1/4	4.7	30.6
cb	5.2	30.1
E	5.2	30.1
+5	5.3	30.0

33528

78

0+54

5+46

-5	5.1	30.2
E	5.0	30.3
cb	5.1	30.2
1/4	4.6	30.7
C	4.1	31.2
1/2	4.1	31.2
cb	4.0	31.3
+7	4.2	31.2
w	6.0	29.3
+5	9.0	26.3
+20	10.7	24.6
	0+58	5+42
-20	10.6	24.7
-5	8.8	26.5
w	5.5	29.8
+3	4.5	30.8
cb	4.4	30.9
1/4	4.1	31.2
C	4.1	31.2
1/2	4.8	30.5
cb	5.1	30.2
E	5.1	30.2
+5	5.2	30.1
	0+75	5+25
-25	11.9	23.4
-13	7.5	27.5

335.28

79

E		6.7	28.6
cb		5.1	30.2
1/4		4.5	30.8
c		4.4	31.1
1/4		4.4	30.9
cb		4.4	30.9
w		5.4	30.1
+15		7.4	28.1
	1700	= 5400	
-10		4.9	30.4
w		3.9	30.4
cb		3.1	32.2
1/4		3.1	32.2
c		3.4	31.9
1/4		3.1	32.2
cb		2.7	32.6
E		5.4	29.9
-7		7.6	27.7
-15		9.3	26.0

Sec. Sta. 1775 or 4775 from Troyon is
not changed

108.41

73-48	C
5 16-07	C
178-68	
89-55	
98-05	

520
<u>380</u>
140

66.58
<u>68.27</u>
-1.28

363.87
<u>6.96</u>
365.21

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365.27 RC

6
<u>371.27</u>
4.90
<u>366.57</u> - 15 366.52

371.27 -
3.96
<u>367.07</u> - 40 / 367.22

W. P. ...

5.65
6.15
<u>11.80</u>

16.01
62
<u>15.39</u>

504.5
<u>4.9</u>