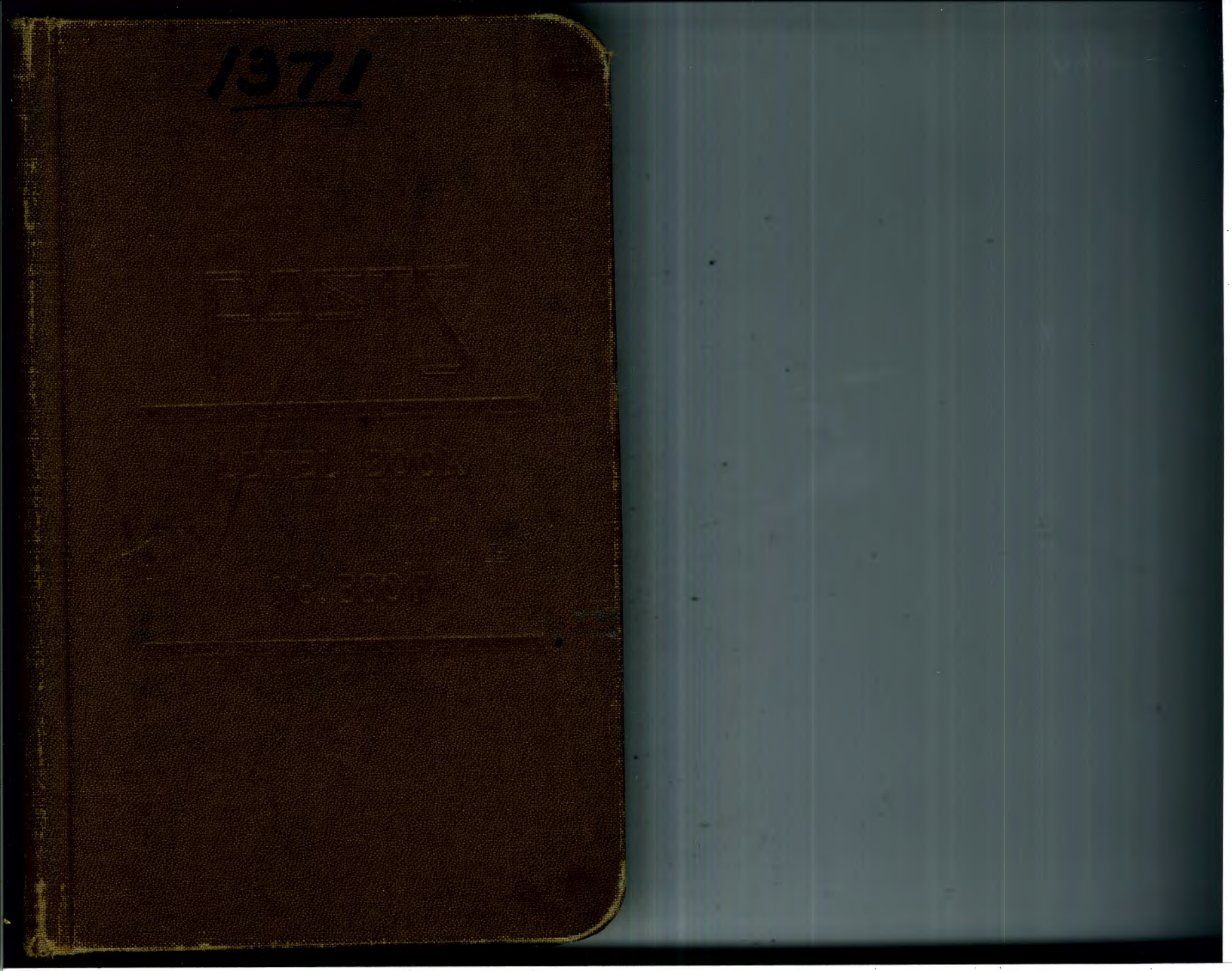
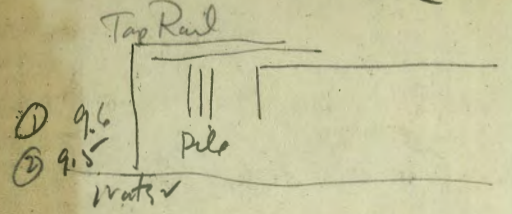

1971

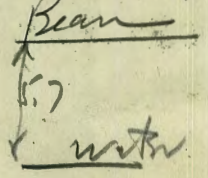
Readings taken S.D. River 3 PM 2/9/32

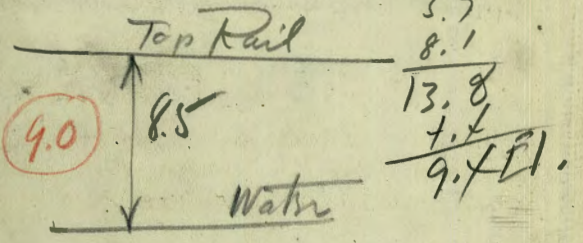
S.D. River. Temp Photo Rails



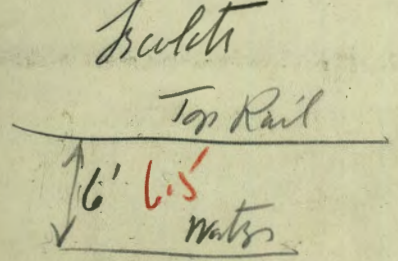
Handys

S.D. River

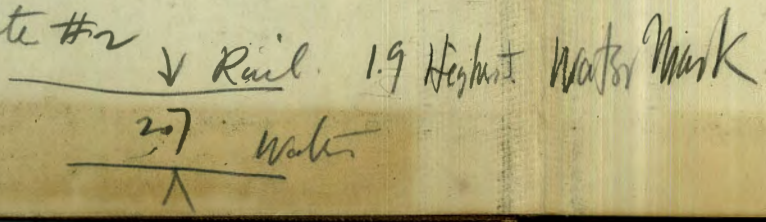




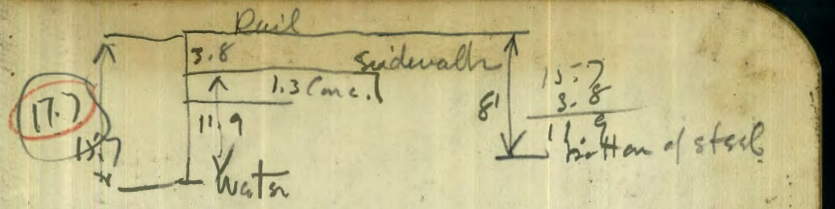
Handy



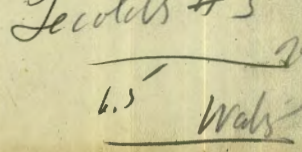
Handy #2



No. Ties to Pg 28 6/2/32 A-H



Handy #3



,0108

Alley Blk 130 Univ. Hts, Georgia Florida & Howard 2

Chamoune St	Norwood to El Cajon	8
46TH "	" " "	15
Norwood	46TH " West end	22
Reynard Hills Sewers		37
X Sec. Alley Blk 106 City Hts	Myrtle to Thorn	38
" " " " 127 "	" Thorn to Redwood	43
Tie. Points of Alley Section's		46
X Sec. Alley Blk 36 Teralta	El Cajon to Orange —	47

(1)
(2)

M. Tie to PP 38 6/21/— AM

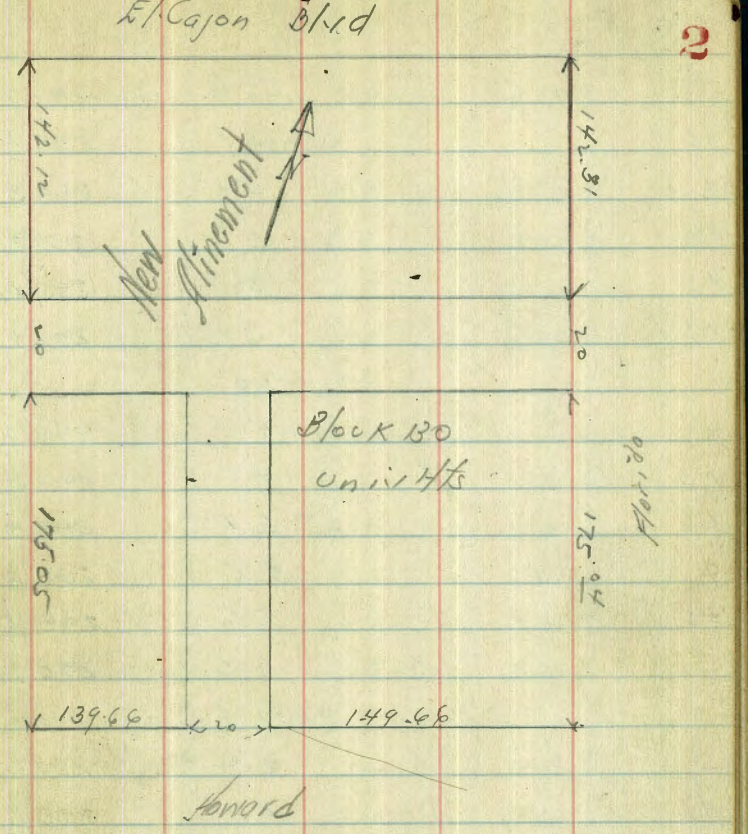
Bill Bliss
Joe Duermit
J. Jacobszoon
Nov 26. 1929

Easterwest

X Section Alley Block 130 Univ Hts between Georgia & Florida El Cajon & Howard

	+	HI	-	Elev	N. Top Alley Return Florida St
B.M.	7.4±	304.08		296.66	
			0+00. on Paving Tokes		
S Top CB			8.00	296.08	
G.			8.09	295.99	
℄			8.31	295.77	
G			7.80	296.28	
N			7.4±	296.66	
			0+07		
N			7.2	296.9	
+5			7.9	296.2	
℄			8.0	296.1	
+6			7.7	296.4	
S.			7.5	296 6	
			0+10		
S			7.5	296 6	
+6			7.8	296 3	
℄			7.9	296 2	
+5			7.8	296 3	
N			6.9	297 2	
			0+21		
N			5.7	298 4	
+4			6.9	297 2	
℄			6.9	297 2	
+6			6.9	297 2	
S.			6.9	297 2	

Garages ck - 12-2-29 - CB#



2

	+	H.I. 304.08							
			0+30						
S			6.4	297.7					
+6			6.1	298.0					
℄			5.8	298.3					
+4			5.8	298.3					
+7			5.1	299.0					
N			5.0	299.1					
			0+40						
N			4.4	299.7					
+3			4.6	299.5					
+6			5.2	298.9					
℄			5.3	298.8					
+5			5.6	298.5					
S			6.0	299.1					
			0+57 ℄ Single Garage on N						
S			5.2	298.9					
℄			4.9	299.2					
+5			4.8	299.3					
+8			4.4	299.7					
N			4.4	299.7					
1-20 Back			4.4	299.7					
			0+70						
N			4.2	299.9					
+5			4.5	299.6					
℄			4.6	299.5					
+8			4.9	299.2					

	+	H.I. 304.08	−	Elev
S			4.8	299.3
		0+86		
S			3.8	300.3
+4			3.8	300.3
℄			3.6	300.5
+6			3.5	300.6
N			3.4	300.7
		1+00 ℄ Single Garage on South		
N			2.5	301.6
+5			2.4	301.7
℄			2.5	301.6
S			2.9	301.2
1.7 Back dirt floor	℄		2.8	301.3
		1+25 -		
S			1.0	303.1
+7			1.2	301.9
℄			0.8	303.3
+5			0.5	303.6
N			0.4	303.7
TR	11.06	314.78	0.36	303.72
		1+49 ℄ Elm N+S Alley		
N			9.4	305.4
℄			9.6	305.2
S			9.7	305.1

HI.
3+78

1+59 66 ℄ N-S. Alley

S	8.8	306.0
℄	8.6	306.2
+2 ℄ MH on Cen	8.53	306.25
N	8.7	306.1

1+69 66 W. Line

N	7.7	307.1
℄	7.9	306.9
+6	7.9	3069
S	7.5	307.3

1+80 E end of Single Garage 0.5 in Alley

S	6.3	308.5
+4	6.7	308.1
℄	7.0	307.8
N	7.0	307.8

1+85 Single Garage on South

0.10 in alley ℄ Dirt floor	5.9	308.9

1+90 E. End 3 car Garage

14 Back concrete floor	4.10	300.68
N	5.2	309.6
+4	5.8	309.0
℄	5.9	308.9
+2	5.8	309.0
S	5.5	309.3

1+94 Single Garage on South

on line ℄ Dirt floor	5.5	309.3

HI.
3+78

2+00

S	5.3	309.5
+5	5.1	309.7
℄	5.0	309.8
N	4.8	310.0

2+13 W. End 3 Car Garage

14 Back concrete floor	4.18	310.60
N	4.3	310.5
℄	4.1	310.1
+6	4.6	310.2
S	5.0	309.8

2+21 Single Garage

℄ Single Garage on N 4 in concrete floor	3.58	311.25

2+26 East End of 2 Car Garage on N

S	4.5	310.3
+4	4.3	310.5
℄	4.2	310.6
N	3.9	310.9
+14 Back concrete floor	3.11	311.67

2+41 W. End 2 Car Garage

14 Back concrete floor	3.12	311.66
N	3.5	311.3
℄	3.6	311.2
+5	3.6	311.2
S	4.0	310.8

HI
314.78

2747 Single Garage on North

14' Back concrete/floor	3.33	311.45 ✓
2756 East of Residence on South		
Residence 0.30 in Alley		
S.	3.34	311.44
+4 3 edge walk	3.32	311.46
℄	3.22	311.56
N	2.9	311.9
Walk 3.6 Back ℄ concrete	2.86	311.92 ✓
2759 40 East End of Residence		
0.20 in Alley		
2775		
N.	2.1	312.7
℄	2.2	312.6
+5.6 Edge walk	1.89	312.89
S on walk	1.71	313.07 /
2786 50 ℄ Doorway		
0.5 in alley on concrete	1.2 ✓	313.54
Sill floor	0.77	314.01
2790		
S on concrete	1.16	313.62
+ 4.5 Edge walk	1.27	313.51
℄	1.3	313.5
N. Residence 0.3 in alley	1.5	313.3 ✓
2795		
N	0.9	313.9
℄	0.7	314.1

1.C. 2770 Doorway 2786.5
3.4 width of doorway HI 314.78 Rod 0.77

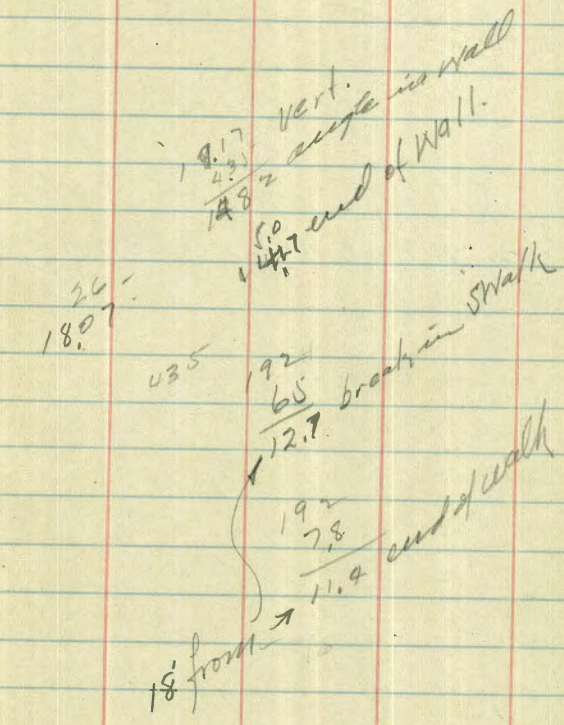
5

+5.5 Edge walk			1.05	313.73
Residence 0.50 in alley				
S.			0.99	313.79
T.P.	8.46	322.81	0.43	314.35
2797 50 Edge of Residence				
S. at edge of Residence 0.5 in			8.9'	313.90
3705 Bottom steps on South				
S.			8.58	313.23
+3.9 Bottom			8.6'	314.20 /
+4 Top			7.92	314.89
+6			7.0	315.8
℄			6.7	316.1
N. Residence 0.30 in Alley			6.7	316.1
3709.20				
N. Top			4.59	318.22
Bottom			5.5	317.3
+1.5 Top ℄			4.58	318.23
Bottom			5.46	317.35
℄			5.58	317.23
+5.5 Gutter			5.65	317.16
Top ℄			4.72	318.09
S			4.73	318.08
S.			4.61	318.20
+4.5 Top			4.58	318.26
℄ bolt			4.65	318.16

HZ.
32281

℄		4.73	318.08
+85		4.72	318.09
N		4.75	318.06
	E Line + 10		
N		4.93	317.88
+15		4.85	317.96
℄		4.79	318.02
+55 E.CL.		4.77	318.04
S		4.74	318.07
	Section in Gutter		
S-10 Topcb		5.00	317.81
Gutter		5.56	317.25
S. Topcb		5.01	317.80
G		5.56	317.25
℄		5.60	317.21
N. Topcb		5.13	317.68
G		5.62	317.19
N +16		5.13	317.68
N +10		5.67	317.14

Check out NW BP
Howard + Georgia .2.91 314.90 = 31985
0 as error



Levels on Paving N. Line of Howard on N & S Alley

BM. Set. on original X Section of Alley See L.B. 1284 Page 67 Bottom of Page.	0.90	311.28	310.38	
W. Top Cb			7.66	303.62
G.			8.14	303.14
G.			8.96	302.32
G			9.44	301.84
E. Top Cb			9.44	301.84

For X Section of N & S Alley see L.B. 1284 Page 65

1-15-30 X-section Chamoune Ave
J. C. Bliss Norwood to El Cajon 60' wide
Drebert 10' cbs
Rovner 10' 1/45
Clavert

B.M. S.W. B.P. Chamoune + Norwood 353.12
+6.80

T 359.92

S.L. Norwood = 0+00

W Top cb	6.80	353.12
G	7.4	352.5
1/4	7.4	352.5
℄	7.3	352.6
1/4	7.5	352.4
G	8.0	351.9
E Top cb	7.25	352.67
E	7.1	352.8
	0+25	
E	7.1	352.8
E Top cb	6.95	352.97
G	7.7	352.2
1/4	7.3	352.6
℄	6.8	353.1
1/4	7.2	352.7
G	7.4	352.5
W Top cb	6.56	353.36
	0+50	
W Top cb	6.34	353.58
G	7.2	352.7
1/4	6.8	353.1

Plotted 1/30/30 CRH cb plotted

T 359.92

℄	6.6	353.3
1/4	7.2	352.7
G	7.5	352.4
E Top cb	6.65	353.27
E	6.7	353.2
	0+75	
E	6.2	353.7
E Top cb	6.43	353.49
G	7.0	352.9
1/4	6.7	353.2
℄	6.3	353.6
1/4	6.6	353.3
G	7.0	352.9
W Top cb	6.06	353.86
	1+00	
W Top cb	5.71	354.21
G	6.5	353.4
1/4	6.2	353.7
℄	5.7	354.2
1/4	6.1	353.8
G	6.6	353.3
E Top cb	6.19	353.73
E	6.1	353.8

T 359.9v

	1+25	
E	5.9	354.0
E Top cb	6.04	353.88
G	6.4	353.5
1/4	6.1	353.8
℄	5.6	354.3
1/4	6.0	353.9
G	6.3	353.6
W Top cb	555	354.37
	1+50 = End walk on West - Walk in Good shape ✓	
W edge walk	509	354.83
W Top cb	536	354.56
G	5.8	354.1
1/4	6.0	353.9
℄	5.5	354.4
1/4	6.0	353.9
G	6.6	353.3
E Top cb	5.89	354.03
E	5.9	354.0
	1+75	
E	5.8	354.1
E Top cb	581	354.11
G	6.4	353.5
1/4	6.0	353.9
℄	5.4	354.5
1/4	5.7	354.2

T 359.9v

9

G	5.9	354.0
W Top cb	524	354.68
W	4.9	355.0
	2+00	
W	4.8	355.1
W Top cb	5.02	354.90
G	5.7	354.2
1/4	5.5	354.4
℄	5.2	354.7
1/4	5.8	354.1
G	6.3	353.6
E Top cb	5.69	354.23
E	5.6	354.3
	2+25	
E	5.4	354.5
E Top cb	5.51	354.41
G	6.1	353.8
1/4	5.6	354.3
℄	4.9	355.0
1/4	5.3	354.6
G	5.6	354.3
W Top cb	4.81	355.11
W	4.5	355.4

T 35992

2+50

W	4.2	3557
W Top cb	4.60	35532
G	5.3	3546
1/4	5.0	3549
℄	4.9	3550
1/4	5.3	3546
G	5.8	3541
E Top cb	5.39	35453
E	5.2	3547

Note - There are a few trees on Chamoune 2' Back Curb

2+75

E	5.1	3548
E Top cb	5.29	35463
G	5.6	3543
1/4	5.3	3546
℄	4.6	3553
1/4	4.7	3552
G	5.0	3549
W Top cb	4.38	35554
W	4.2	3557

3+00

W	3.9	3560
W Top cb	4.12	35580
G	4.8	3551
1/4	4.6	3553

T 35992

10

℄	4.3	3556
1/4	5.1	3548
G	5.5	3544
E Top cb	5.12	35480
E	4.9	3550

3+25

E	4.7	3552
E Top cb	4.84	35508
G	5.1	3548
1/4	4.7	3552
℄	4.0	3559
1/4	4.2	3557
G	4.8	3551
W Top cb	3.91	35601
W	3.8	3561

3+50

W	3.6	3563
W Top cb	3.69	35623
G	4.6	3553
1/4	4.0	3559
℄	3.5	3564
1/4	4.5	3554
G - Driveway - concrete	5.04	35488
E on Driveway	4.11	35581

T 35992

3+75

E	4.3	3556
E Top cb	4.25	35567
G	4.6	3553
1/4	4.3	3556
¢	3.4	3565
1/4	3.8	3561
G	4.4	3555
W Top cb	3.51	35641
W	3.3	3566

4+00

W	3.0	3569
W Top cb	3.24	35668
G	3.8	3561
1/4	3.7	3562
¢	3.4	3565
1/4	4.1	3558
G	4.5	3554
E Top cb	4.00	35592
E	4.0	3559

4+25

E	3.8	3561
E Top cb	3.90	35602
G	4.3	3556
1/4	4.0	3559
¢	3.7	3567

T 35992

11

1/4	3.4	3565
G	3.9	3560
W Top cb	3.12	35680
W	3.0	3569

4+50

W	2.8	3571
W Top cb	3.00	35692
G	3.7	3562
1/4	3.3	3566
¢	3.1	3568
1/4	3.7	3562
G	4.3	3556
E Top cb	3.78	35614
E	3.12	3567

4+75

E	3.3	3566
E Top cb	3.71	35621
G	4.3	3556
1/4	3.6	3563
¢	3.0	3569
1/4	3.1	3568
G	3.6	3563
W Top cb	2.88	35704
W	2.7	3572

T 359.97

5+00 = Beginning Walk on West

W edge walk	2.51	357.41
W Top cb	2.71	357.21
G	3.5	356.4
1/4	3.0	356.6
℄	2.9	357.0
1/4	3.5	356.4
G	3.9	356.0
E Top cb	3.59	356.33
E	3.5	356.4
5+25		
E	3.4	356.5
E Top cb	3.49	356.43
G	3.9	356.0
1/4	3.4	356.5
℄	2.8	357.1
1/4	3.0	356.9
G	3.5	356.4
W Top cb	2.75	357.17
T.P.		- 2.70 357.27
+4.74		
T 361.96		
5+50		
W Top cb	4.73	357.23
G	5.3	356.6
1/4	5.0	356.9
℄	4.9	357.0
1/4	5.4	356.5
G	5.9	356.0
E Top cb	5.44	356.52
E	5.4	356.5

T 361.96

5+75		
E	5.2	356.7
E Top cb	5.35	356.61
G	5.6	356.3
1/4	5.3	356.6
℄	4.8	357.1
1/4	4.9	357.0
G	5.1	356.8
W Top cb	4.65	357.31
6+00		
W Top cb	4.53	357.43
G	4.9	357.0
1/4	4.8	357.1
℄	4.6	357.3
1/4	5.2	356.7
G	5.6	356.3
E Top cb	5.32	356.64
E	5.3	356.6

6+25

E	5.1	356.8
E Top cb	5.12	356.84
G	5.6	356.3
1/4	5.2	356.7
℄	4.6	357.3
1/4	4.8	357.1
G	5.0	356.9
W Top cb	4.42	357.54

6+50

W Top cb	4.31	357.65
G	4.7	357.2
1/4	4.6	357.3
℄	4.5	357.4
1/4	5.0	356.9
G	5.4	356.5
E Top cb	4.87	357.09
E	4.9	357.0

6+75

E	4.7	357.2
E Top cb	4.78	357.18
G	5.1	356.8
1/4	5.0	356.9
℄	4.4	357.5
1/4	4.4	357.5
G	4.6	357.3

T 361.96

W Top cb	4.22 (20' wide)	357.74 No Alley

7+00 = N.L. Alley = End walk on West - Returns

West edge walk	3.87	358.14
W Top cb	4.09	357.87
G	4.8	357.1
1/4	4.4	357.5
℄	4.1	357.8
1/4	4.6	357.3
G	5.0	356.9
E Top cb	4.60	357.36
E	4.4	357.5

℄ Alley

E	4.2	357.7
cb	4.9	357.0
1/4	4.6	357.3
℄	3.9	358.0
1/4	4.2	357.7
cb	4.4	357.5
W	3.8	358.1

7+20 = S.L. Alley - Beginning Walk on East

W	3.4	358.5
W Top cb	3.71	358.25
G	4.2	357.7
1/4	4.2	357.7
℄	3.8	358.1

T 361.96

1/4	4.5	357.4
G	4.7	357.2
E Top cb	4.42	357.54
E-edge Walk	4.24	357.72
7+50		
E Top cb	4.25	357.71
G	4.6	357.3
1/4	4.1	357.8
℄	3.7	358.2
1/4	3.9	358.0
G	4.1	357.8
W Top cb	3.68	358.28
W	3.5	358.4
7+75		
W	3.4	358.5
W Top cb	3.59	358.37
G	4.2	357.7
1/4	3.8	358.1
℄	3.5	358.4
1/4	4.1	357.8
G	4.6	357.3
E Top cb	4.13	357.83

T 361.96

8+00

E Gutter in Driveway	4.34	357.62
1/4	3.9	358.0
℄	3.4	358.5
1/4	3.6	358.3
G	4.0	357.9
W Top cb	3.51	358.45
W	3.4	358.5
8+25		
W	3.3	358.6
W Top cb	3.46	358.50
G	3.8	358.1
1/4	3.6	358.3
℄	3.4	358.5
1/4	4.0	357.9
G	4.3	357.6
E Top cb	3.89	358.07
8+50		
E Top cb	3.82	358.14
G	4.2	357.7
1/4	3.9	358.0
℄	3.3	358.6
1/4	3.6	358.3
G	4.0	357.9
W Top cb	3.41	358.55
W	3.3	358.6

T 364.96

8+75

W		3.1	358 8
W Top cb		3.36	358 60
G		4.0	357 9
1/4		3.6	358. 3
℄		3.4	358 5
1/4		3.9	358 0
G		4.0	357 9
E Top cb		3.73	358. 23
N.L. El Cajon on existing paving- 8+99.66 EL. & 9+18.18 W.L.			
E Top cb		3.62	358. 34
G		4.12	357 84
1/4		3.83	358. 13
℄		3.53	358. 43
1/4		3.60	358. 36
G		3.69	358 27
W Top cb		3.31	358. 65
T.P		3.63	358.33
	+4.13	362.46	
B.M. S.W.B.P. El Cajon & Chamoune		-5.88	356.58

Note- All existing curb & walk on Chamoune is in fair shape with the exception of 100' on west side from 6+00 to 7+00 where trees have cracked both curb & walk

1-15-30
J. C. Bliss
Drebert
Rayner
Clovert

X-section 46th St. Norwood to El Cajon - 40' Roadway 10'/45

15

B.M. S.W.B.P. Norwood & Chamoune

+2.15 T 355.27 353.12

S.L. Norwood = 0+00

W Top cb		4.99	350.28
G		5.4	349 9
1/4		5.0	350 3
℄		5.1	350 2
1/4		4.8	350 5
G		5.2	350 1
E Top cb		4.54	350 73
E		4.0	351 3
	0+25		
E		4.3	351 0
E Top cb		4.50	350 77
G		5.2	350 1
1/4		4.7	350 5
℄		4.9	350 4
1/4		4.9	350 4
G		5.6	349 7
W Top cb		4.96	350 31
	0+50		
W Top cb		4.88	350 39
G		5.4	349 9
1/4		5.0	350 3
℄		4.7	350.6

cb's Plotted 1/22-/30 C.B.H.

T 355.27

1/4	4.6	350 7
G	5.1	350 2
E Top cb.	4.48	350 79
E	4.0	351 3
0+75		
E	4.0	351 3
E Top cb	4.45	350 82
G	5.2	350 1
1/4	4.6	350 7
℄	4.5	350 8
1/4	5.0	350 3
G	5.4	349 9
W Top cb	4.87	350 40
1+00		
W Top cb	4.73	350 54
G	5.2	350 1
1/4	4.9	350 4
℄	4.4	350 9
1/4	4.6	350 7
G	4.8	350 5
E Top cb	4.44	350 83
E	3.9	351 4

T 355.27

1+25		
E	4.1	351 2
E Top cb	4.40	350 87
G	4.70	350 6
1/4	4.5	350 8
℄	4.1	351 2
1/4	4.7	350 6
cb	5.1	350 2
Edge existing walk-inside	4.52	350 75
1+50		
Edge walk-inside	4.32	350 95
cb	5.0	350 3
1/4	4.7	350 6
℄	4.1	351 2
1/4	4.5	350 8
G	4.9	350 4
E Top cb	4.26	351 01
E	3.9	351 4
1+75		
E	3.8	351 5
E Top cb	4.17	351 10
G	4.7	350 6
1/4	4.4	350 9
℄	4.0	351 3
1/4	4.7	350 6
cb	4.9	350 4

T 355.27

Edge Walk - inside	4.10	351.17
2+00 = End walk on West		
Edge walk - Outside	3.88	351.39
T.P.	-.03	351.24
+6.01	T 357.25	
cb	6.6	350.6
1/4	6.5	350.7
E	5.9	351.3
1/4	6.2	351.0
G	6.6	350.6
E Top cb	6.00	351.25
E	5.8	351.4
2+25		
E	5.6	351.6
E Top cb	5.88	351.37
G	6.6	350.6
1/4	6.1	351.2
℄	5.7	351.6
1/4	6.3	351.0
G	6.5	350.8
W Top cb	5.98	351.27
W	6.1	351.1

T 357.25

2+50

W	5.7	351.5
W Top cb	5.84	351.41
G	6.4	350.8
1/4	6.1	351.1
℄	5.5	351.7
1/4	5.9	351.3
G	6.5	350.7
E Top cb	5.76	351.49
E	5.5	351.7
2+75		
E	5.3	352.0
E Tp cb	5.67	351.58
G	6.3	351.0
1/4	5.7	351.6
℄	5.1	352.2
1/4	5.9	351.4
G	6.4	350.9
W Tp cb	5.82	351.43
W	5.7	351.6
3+00 = Beginning of Walk on West		
B.M. Nail in Pole West cb 3+02.300	-.464	352.61
+6.32	T 358.93	
Outside edge Walk	7.05	351.88
W Top cb	7.36	351.57
G	7.8	351.1

T358.93

1/4	7.4	351.5
℄	6.6	352.3
1/4	7.2	351.7
cb-	7.8	351.1
E	7.2	351.7
3+25		
E	7.1	351.8
E Top cb	7.21	351.72
G	7.8	351.1
1/4	6.9	352.0
℄	6.5	352.4
1/4	7.1	351.8
G	7.8	351.1
W Top cb	7.20	351.73
3+50		
W Top cb	6.92	352.01
G	7.5	351.4
1/4	6.9	352.0
℄	6.5	352.6
1/4	6.8	352.1
G	7.5	351.4
E Top cb	6.90	352.03
E	6.9	352.0

T358.93

18

3+75		
E	6.8	352.1
cb	7.2	351.7
1/4	6.7	352.2
℄	6.2	352.7
1/4	6.8	352.1
G	7.3	351.6
W Top cb	6.68	352.25
4+00		
W Top cb	6.54	352.39
G	7.0	351.9
1/4	6.6	352.3
℄	6.0	352.9
1/4	6.7	352.2
cb	7.1	351.8
E	6.6	352.7
4+25		
E	6.5	352.4
cb	7.2	351.7
1/4	6.5	352.4
℄	5.9	353.0
1/4	6.6	352.3
G	7.0	351.9
W Top cb	6.47	352.46

4+50

W Top cb	6.39	352.54
G	6.9	352.0
1/4	6.5	352.4
℄	5.9	353.0
1/4	6.5	352.4
cb	7.0	351.9
E	6.5	352.4

4+75

E	6.2	352.7
cb	6.7	352.2
1/4	6.4	352.5
℄	5.7	353.2
1/4	6.5	352.4
cb	6.6	352.3
Inside edge walk	6.13	352.80

5+00

W Top cb	5.97	352.96
G	6.5	352.4
1/4	6.2	352.7
℄	5.6	353.3
1/4	6.2	352.7
cb	6.6	352.3
E	6.2	352.7

5+25

E	6.1	352.8
cb	6.4	352.5
1/4	6.1	352.8
℄	5.6	353.3
1/4	6.2	352.7
G	6.6	352.3
W Top cb	6.02	352.91

5+50

W Top cb	5.82	353.11
G	6.4	352.5
1/4	5.9	353.0
℄	5.4	353.5
1/4	5.9	353.0
cb	6.4	352.5
E	5.9	353.0

5+75

E	5.7	353.2
E Top cb	5.80	353.13
G	6.3	352.6
1/4	5.7	353.2
℄	5.4	353.5
1/4	5.9	353.0
G	6.2	352.7
Inside edge walk - 48 out cb	5.49	353.44

T 35893

	6+00		
Inside edge walk		526	353 67
cb		59	353 0
1/4		58	353 1
℄		54	353 5
1/4		57	353 2
cb		60	352 9
E		57	353 2
	6+25		
E		56	353 3
cb		60	352 9
1/4		56	353 3
℄		51	353 8
1/4		57	353 2
G		59	353 0
Inside edge walk		519	352 74
	6+50		
W Top cb		514	353 79
G		57	353 2
1/4		54	353 5
℄		47	354 2
1/4		52	353 7
G		57	353 2
E Top cb		530	353 63
E		52	353 7

T 35893

	6+75		
E		49	354 0
E Top cb		500	353 93
G		56	353 3
1/4		51	353 8
℄		44	354 5
1/4		50	353 9
G		54	353 5
W Top cb		480	354 13
7+00 = N.L. Alley ℄ 20' wide		End of Walk on West -	No Alley returns
Outside edge walk		448	354 45
W Top cb		457	354 36
G		51	353 8
1/4		49	354 0
℄		41	354 8
1/4		49	354 0
G		54	353 5
E Top cb		490	354 03
E		49	354 0
	℄ Alley		
E		47	354 2
E Top cb		480	354 13
G		52	353 7
1/4		48	354 1
℄		40	354 9
1/4		47	354 2

T 358.93

cb	5.1	353.8
W	4.6	354.3
7+20 = S.L. Alley.	Alley opening on West side only	
W	4.3	354.6
W Top cb	4.45	354.48
G	4.9	354.0
1/4	4.6	354.3
℄	3.9	355.0
1/4	4.7	354.2
G	5.2	353.7
E Top cb	4.70	354.23
E	4.6	354.3
7+50		
E	4.6	354.3
E Top cb	4.62	354.31
G	5.3	353.6
1/4	4.5	354.4
℄	3.7	355.2
1/4	4.5	354.4
G	4.8	354.1
W Top cb	4.78	354.65
W	4.0	354.9

T 358.93

7+75

21

W	4.0	354.9
W Top cb	4.1	354.8
G	4.9	354.0
1/4	4.4	354.5
℄	3.7	355.2
1/4	4.6	354.3
G	5.1	353.8
E Top cb	4.46	354.47
E	4.4	354.5
8+00		
E	4.4	354.5
E Top cb	4.50	354.43
G	5.1	353.8
1/4	4.6	354.3
℄	3.9	355.0
1/4	4.5	354.4
cb	4.9	354.0
7+1	4.3	354.6
W	3.8	355.1
8+25		
W	4.0	354.9
+9	3.9	355.0
cb	4.6	354.3
1/4	4.4	354.5
℄	4.2	354.7

T 35893

1/4	4.5	354.4
G	4.9	354.0
+1	4.5	354.4
E	4.5	354.4

N.L. El Cajon on Existing paving - 8740.22 E.L., 8750.57 W.L.

E Top cb	4.34	354.59
G	4.88	354.05
1/4	4.46	354.47
℄	4.30	354.63
3/4	4.32	354.61
G	4.43	354.50
W Top cb	3.78	355.15
W	3.6	355.3
B.M. S.W. B.P. El Cajon & Chamoune	-2.40	356.53
Correct		356.58

X-section Norwood St. 46th to West end - 50' wide - 10' cbs 7½ 1/45

22

B.M. S.W. B.P. Norwood & Chamoune 353.12

+2.69 T 35581

EL. 46th 60' wide 10' cbs 10' rws

N	41	351.7
cb	40	351.8
1/4	4.2	351.6
℄	4.3	351.3
1/4	4.2	351.6
cb	4.6	351.2
S	4.6	351.2

E cb 46th

S Top cb	5.06	350.75
G	5.8	350.0
cb-Top cb	5.01	350.80
G	5.7	350.1
1/4-Top cb	4.78	351.03
G	5.3	350.5
℄-Top cb	4.51	351.30
G	5.2	350.6
1/4-Top cb	4.30	351.51
G	4.9	350.9
cb-Top cb	4.06	351.75
G	4.6	351.2
N	4.3	351.5

curb plotted 1/29-30 GDH

T 35581

E 1/4 46th

N	38	3520
N Tpcb	4.15	351.66
G	4.7	3511
1/4	4.6	3512
℄	4.9	3509
1/4	5.2	3506
cb	5.8	3500
S	5.4	3504

℄ 46th

S	5.6	3502
cb	5.9	3499
1/4	5.5	3503
℄	4.9	350.9
1/4	4.8	351.0
G	4.8	351.0
N Tpcb	4.3v	35149
N	4.0	351.8

W 1/4 46th

N	4.1	3517
cb	4.5v	351.29
G	5.0	3508
1/4	4.9	3509
℄	5.1	3507
1/4	5.6	3502
cb	5.9	349.9

T 35581

23

S	5.5	350.3

W cb 46th

SL Topcb	5.5v	350.29
G	6.0	349.8
cb	6.0	3498
1/4	5.6	3502
℄	5.2	350.6
1/4	5.2	350.6
cb	5.2	350.6
N Tpcb	4.73	351.08
N	4.3	351.5

W.L. 46th = 0+00

N	4.6	3512
N Tpcb	4.9v	35089 ✓
G	5.6	3502
1/4	5.4	3504
℄	5.4	350.4
1/4	5.7	3501
G	6.1	349.7
S Tpcb	5.46	35035 ✓

0+25

S Tpcb	5.7v	35009
G	6.2	3496
1/4	5.9	3499
℄	5.6	350.2

1/4	59	349.9
G	60	349 8
N Tpcb	537	350 44
N	5.0	350 8
0+50		
N	6.1	349 7
N Tpcb	592	349 89
G	65	349 3
1/4	62	349 6
℄	59	349 9
1/4	6.1	349 7
G	64	349 4
S Tpcb	588	349 93
0+75		
Concrete Driveway	647	349 34
1/4	6.3	349 5
℄	6.2	349 6
1/4	6.5	349 3
G	6.8	349.0
N Tpcb	6.22	349.59
N	6.5	349 3
1+00		
N	7.2	348 6
N Tpcb	665	349.16
G	7.2	348.6

T 35581

1/4	6.8	349.0
℄	6.4	349 4
1/4	6.4	349.4
G	6.4	349.4
S Tpcb	5.84	349.97
1+23 ℄ Drain		
S Tpcb	577	350 04
G = Drain Grating	6.58	349 23
1/4	6.3	349 5
℄	6.3	349 5
1/4	6.8	349 0
G - Drain Grating	7.45	348 36
N	7.0	348 8
Out q - End 18" iron culvert - Flowline	930	346 51
1+41.50 = End cb on South - walk ends at 1+40		
N	6.8	349.0
N Tpcb	650	349 31
G	7.0	348.8
1/4	6.5	349.3
℄	6.0	349 8
1/4	6.0	349.8
G	6.2	349 6
S Tpcb	5.58	350 23
outside edge walk	5.32	350 49

T 355.81

1+75

S	53	350 5
cb	52	350 6
H	60	349 8
1/4	58	350 0
℄	56	350 2
1/4	62	349 6
G	67	349 1
N Tp cb	6.10	349.71
N	6.2	349 6

2+00

N	5.9	349.9
N Tp cb	5.81	350 00
G	6.4	349 4
1/4	5.8	350 0
℄	5.2	350 6
1/4	5.3	350 5
+5	5.9	349 9
cb	4.8	351 1
S	4.5	351 3

2+25

S	4.2	351.6
cb	4.3	351 5
+1	5.2	350.6
1/4	4.8	351.0
℄	4.7	351.1

T 355.81

1/4	55	350 3
+5	6.1	349.7
cb	5.8	350.0
N- End private Concrete Walk	5.41	350.40

2+50

N	5.4	350 4
N Tp cb	5.29	350 52
G	5.8	350 0
1/4	5.1	350.7
℄	4.4	351.4
1/4	4.3	351.5
G	4.7	351.1
S Tp cb	3.80	352 00
S	3.7	352 1

2+80= E.L. Chomawne 60' wide 10' cbs 10' 1/4s

S	2.9	352 9
℄	3.2	352 6
cb	4.1	351.7
1/4	3.9	351 9
℄	4.0	351.8
1/4	4.7	351.1
G	5.2	350 6
N Tp cb	4.80	351 00
N	5.0	350 8

T 35581

E cb Chamoune

N	4.8	351 0
N Tp cb	4.60	351 21
G	5.1	350.7
1/4	4.4	351 4
℄	3.9	351.9
1/4	3.8	352 0
cb	4.0	351.8
S.L. Top cb	3.15	352.66
G	3.9	351 9

E 1/4

S	3.6	352 2
cb	3.8	352.0
1/4	3.8	352.0
℄	3.8	352.0
1/4	4.4	351.4
G	5.0	350.8
N Tp cb	4.60	351.21
N	4.6	351 2

℄ Chamoune

N	4.7	351.1
N Tp cb	4.54	351 27
G	5.0	350 8
1/4	4.3	351.5
℄ - M.H.	3.70	352 11
1/4	3.6	352.2

T 35581

cb	3.6	352 2
S	3.4	352 4

W 1/4

S	3.4	352 4
cb	3.6	351 2
1/4	3.5	352 3
℄	3.6	352 2
1/4	4.2	351 6
G	5.0	350.8
N Tp cb	4.44	351 37
N	46	351 2

W cb

N	4.5	351.3
N Tp cb	4.26	351 56
G	4.9	350.9
1/4	4.0	351.8
℄	3.4	352 4
1/4	3.4	352 4
Cb	3.5	352 3
S.L.-G	3.4	352 4
S.L Tap cb	2.69	353.12

T 355.81

W-L Chamoune = 0+00

S Top cb	2.69	353 12
G	3.4	352 4
1/4	3.5	352 3
℄	3.4	352 4
1/4	4.0	351 8
G	4.8	351 0
N Tp cb	4.17	351 64
N	4.4	351 4
0+25		
N	4.1	351 7
N Tp cb	3.90	351 91
G	4.4	351 4
1/4	3.8	352 0
℄	3.7	352 6
1/4	3.0	352 8
+6	3.2	352 6
Cb	2.4	353 4
Inside edge walk	2.28	353 53
0+50		
Inside edge walk	1.95	353 86
cb	2.3	353 5
+1	2.9	352 9
1/4	2.8	353 0
℄	2.9	352 9
1/4	3.4	352 4

T 355.81

G	3.9	351 9
N Tpcb	3.50	352 31
N	3.5	352 3
0+75		
N	2.7	353 1
N Tpcb	2.90	352 91
G	3.3	352 5
1/4	2.6	352 2
℄	2.3	353 5
1/4	2.3	353 5
G	2.2	353 6
S Tpcb	1.76	354 05
1+00 = End Walk on South		
Outside edge walk	1.15	354 3
S Tpcb	1.38	354 43
G	2.0	353 8
1/4	1.7	354 1
℄	1.8	354 0
1/4	2.2	353 6
G	2.6	353 2
N Tpcb	2.30	353 51
N	2.1	353 7
+26		
N	1.3	354 5
N Tpcb	1.60	354 21
G	1.7	354 1

T 355.81

1/4	1.5	354.3
℄	1.2	354.6
1/4	1.2	354.6
G	1.1	354.7
S Top cb	0.97	354.84
S	0.80	355.01

West end Norwood = 1+33.68 -St. / 1+38.88 -N.L.

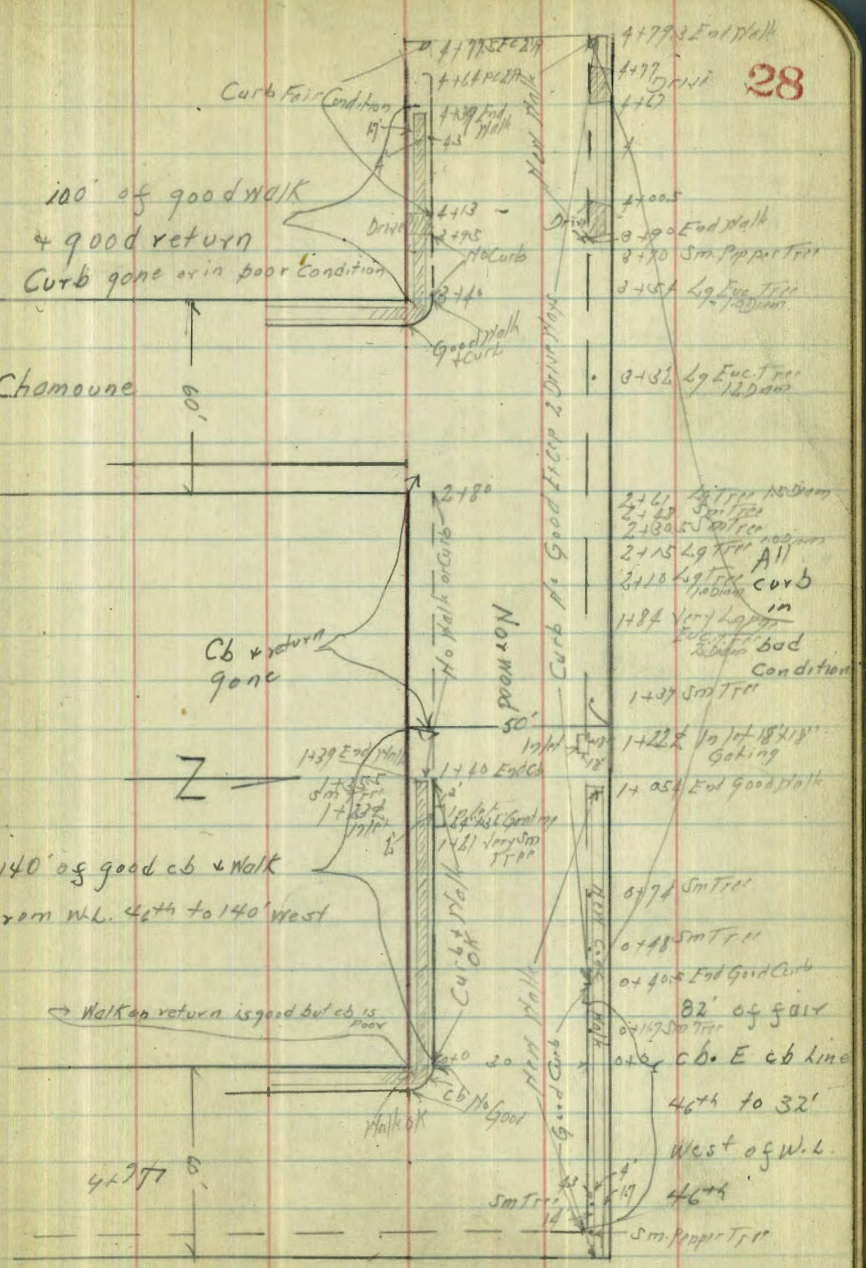
S	1.6	354.2
S Top cb	0.80	355.01
G	0.8	355.0
1/4	0.3	355.5
℄	0.6	355.2
1/4	0.6	355.2
cb	0.9	354.9
N	1.1	354.7

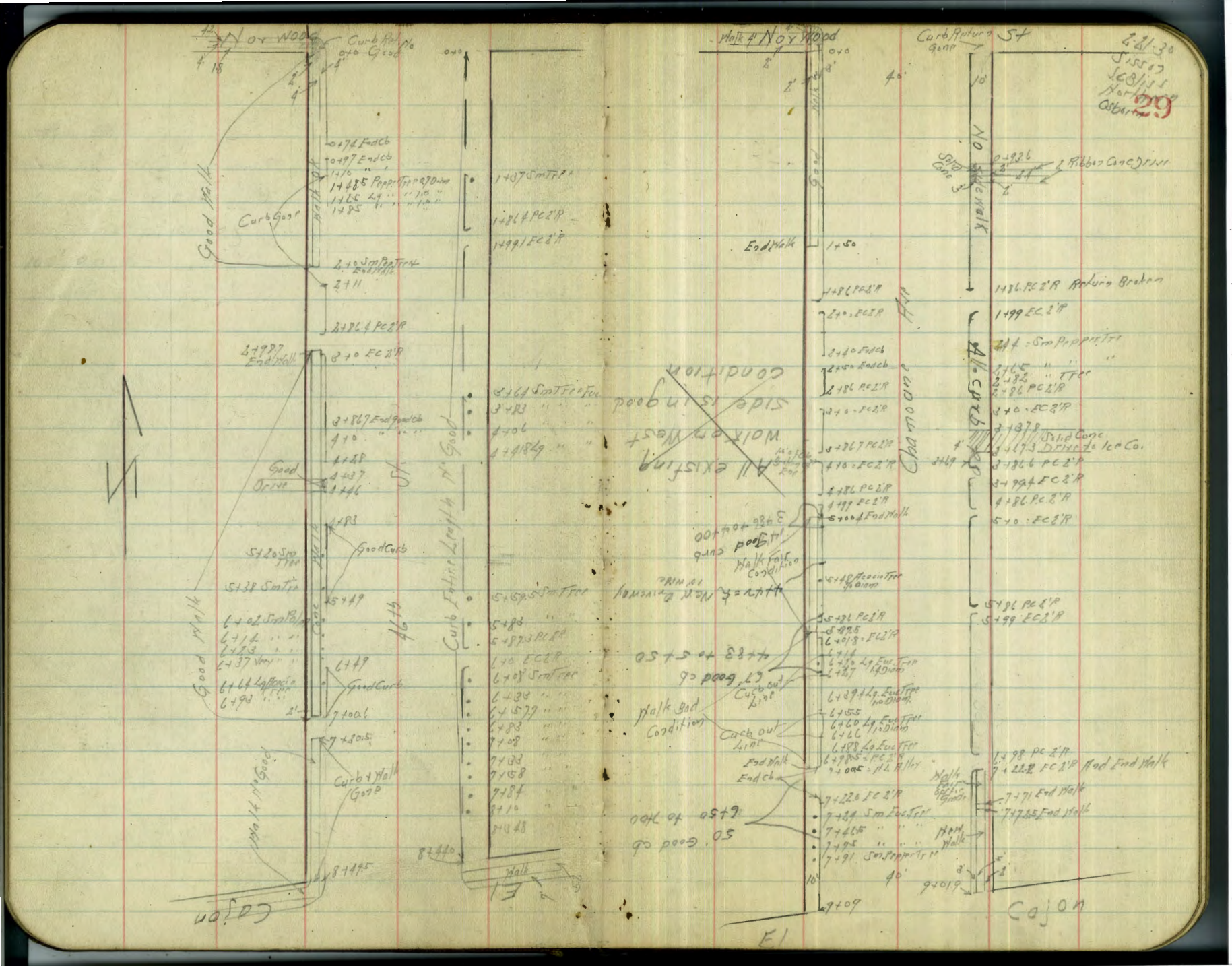
Note

Existing walk on Chamoune is 5' wide & inside edge is 3' Back face cb.

Existing walk on Norwood is 4' wide & inside edge is 4' Back face curb

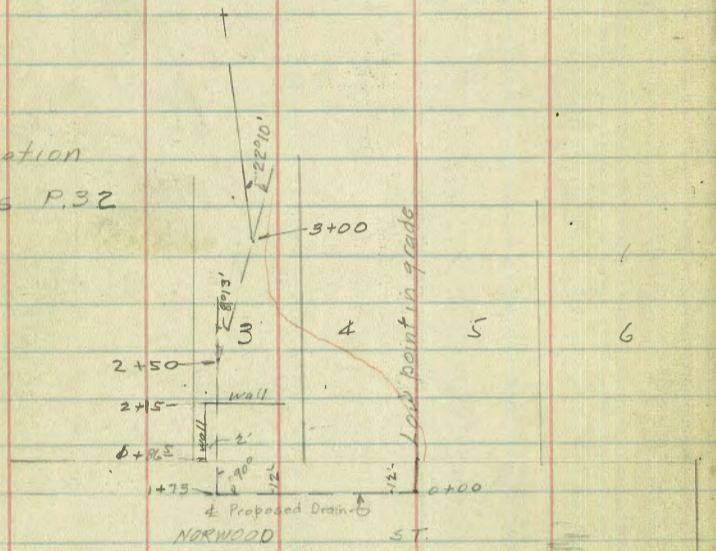
Existing walk on 46th is 4' wide & inside edge is 4' back face cb




Nor Wood
Curb Ret No Good
Good Walk
Curb Good
Walk
Curb & Walk Good
Cajon
Good Drive
Good Curb
Curb Fair Walk No Good
Walk Fair Condition
Walk Bad Condition
Curb out
Side Walking West
Walk Nor Wood
Curb Return Good
No Sidewalk
Solid Conc
Walk Good
Walk Fair Condition
Walk Bad Condition
Cajon
29

3/4/30 London.

Note Location of Trees P.32



Profile for Drain North of Norwood St
Between 46th & Chammoune.

30
SW BP
Norwood & Cham.

B.M	2.93	356.05		353.12
0+00			7.4	
+25			7.2	
+50			7.0	
+75			6.7	
1+00			6.4	
+25			6.0	
+50			5.6	
1+73	L.		5.3	
+75			5.3	
+75	top of b		4.85	
1+86 E.				
5'R			5.0	
℄			5.1	
2 L	wall		5.03	
5 L			4.9	
1+87 E				
5 L			6.5	
2 L			6.5	
2 L	wall		5.0	
5 R			5.0	
1+97				
5 L			7.3	
2 L			7.2	
2 L	wall		5.1	
℄			5.4	

1+97						356.05			
5R			5.3	2+16					
1+99				10R			8.3		
5R			6.8	℄			8.8		
℄			7.6	4L			9.6		
5L			8.6	10L			9.6		
2+05				2+32					
5L			8.9	10L			10.3		
℄			7.7	℄			10.4		
5R			6.4	10R			9.8		
2+06				2+35					
5R			5.5	10R			13.3		
℄			5.6	℄			12.8		
2L	wall		5.2	10L			12.1		
2L			8.7	2+50L					
5W			8.8	10L			13.0		
2+15				℄			13.4		
5L			9.5	10R			13.9		
2L			8.9	T.P.	1.58	345.06	12.57	343.48	
2L	wall		5.1	27.5R	floor basement & Garage		29.2		
℄	"		5.3	2+61					
5R	"		5.4	12R			3.6		
				10R			5.8		
				℄			6.1		
				5L			6.0		
				10L			2.2		

2+80	345.06	
10 L		6.1
℄		6.6
10 R		6.6
3+00 L		
10 R		9.3
℄		8.9
2 L		8.7
4 L		7.3
10 L		6.6
3+25		
10 L		12.5
℄		12.4
10 R		11.3
3+42		
10 R		10.4
℄		12.7
10 L		13.8
3+50		
17 L		12.0
10 L		14.7
℄		11.7
5 R		11.2
6 R		9.2
10 R		8.9

3+75	345.06	
7 R		10.8
5 R		12.9
℄		13.7
5 L		14.7
7 L	chl.	17.0
22 L	chl.	16.3
24 L		13.7
3+95		
12 L		16.1
10 L	chl.	18.0
℄		17.3
10 R		16.3

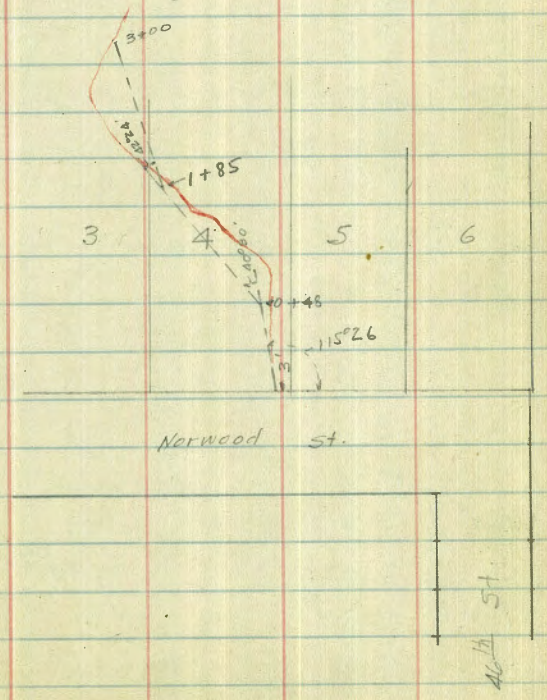
Location of Trees & Shrubs

3+78	6' L	10" Fig Tree
3+50	27' L	Apricot Tree
3+08	13 L	Apricot Tree
2+83	8' L	Apricot Tree
2+67	6 L	Chinese Tree
2+63	5 R	" "
2+55	℄ to 7' R	Large Shrub
2+29	11' L	Shrub
2+14	11 L	Olive Tree
2+10	6' R	Pine Tree

		345.06		
T.P.	11.94	355.95	1.05	344.01
			2.83	353.12

3/6/30 Loudon

Location & X Sec of Ditch in Lots 3 & 4
Edgemont N of Norwood between 46th & Chamberlain.



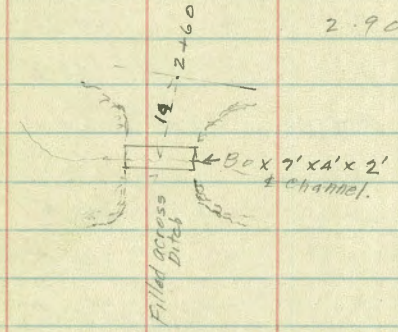
BM	0+42	353.54		353.12	B.P sw Norwood Champoine
0-10	FL Exist culvert		6.51	347.03	
0+00			4.6	348.9	
0+06					
A'R			4.7	348.8	
0+08					
3 R			6.3	347.2	
5 R	℄ Ditch FL Exist culvert		7.07	346.47	
7 R			5.8	347.7	
0+35					
7 R			7.0	346.5	
8 R	L Ditch		7.7	345.8	
11 R	R Ditch		7.6	345.9	
12			6.7	346.8	
0+48	L Normal to 1st reverse				
8 R			7.7	345.8	
10 R	L Ditch		8.5	345.0	
12 R	R "		8.5	345.0	
14 R			7.7	345.8	
0+55	= Begin. of stone facing				
12 R			8.1	345.4	
12.5 R	L Ditch		8.9	344.6	
14 R	R "		8.9	344.6	
14.5 R			8.1	345.4	

0+75		353.54			
10.5 R				9.4	344.1
11 R	L Ditch			10.0	343.5
13 R	R "			10.0	343.5
13.5 R				9.4	344.1
T.P	1.86				
1+00		346.84		8.56	344.28
5 R				3.9	342.9
7 R				3.8	343.0
7.5 R	L Ditch			4.8	342.0
9 R	R "			4.8	342.0
9.5 R				3.6	343.2
14.5				3.7	343.1
1+85					
4 R				5.0	341.8
5.5 R				4.7	342.1
6 R	L Ditch			5.9	340.9
8 R	R "			5.9	340.9
8.5 R				4.6	342.2
11 R				5.2	341.6
1+45	= East Foot Bridge				
℄				5.3	341.5
4 R				5.4	341.4
4.5 R	L Ditch			6.5	340.3
6.5 R	R "			6.5	340.3
7 R				5.2	341.6
9 R				5.2	341.6

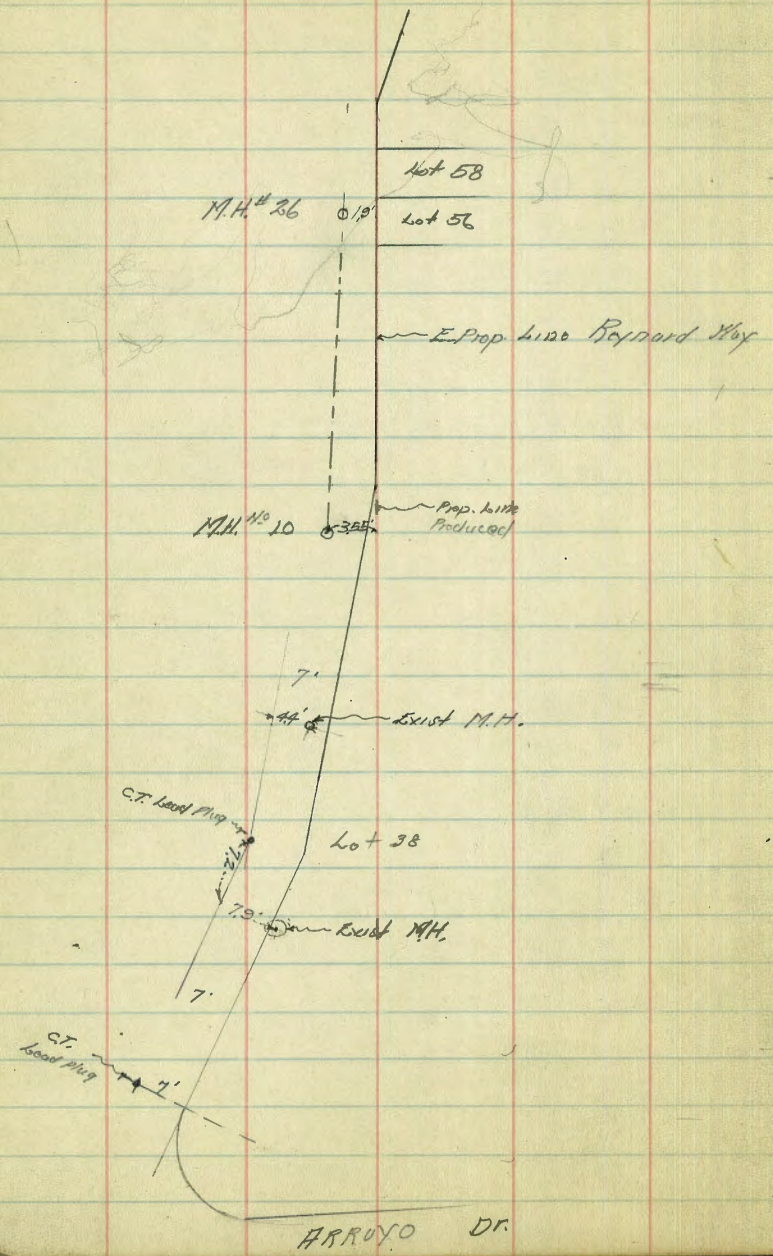
1+54 = N end foot Bridge			
5 L		5.3	341.5
2 5/10 L		5.3	341.5
2 L	L Ditch	6.8	340.0
1 R		6.8	340.0
1 5/10 R		5.5	341.3
4 R		5.3	341.5
1+67			
℄		6.2	340.6
2 L		6.4	340.4
2 5/10 L	R Ditch	8.8	338.0
5 5/10 L	L "	8.7	338.1
6 L		6.6	340.2
8 L		6.1	340.7
1+85 L. Normal to course ahead. = end stone Facing.			
℄		8.7	348.1
4 R		8.8	348.0
4 5/10 R	L Ditch	10.6	336.2
7 R	R "	10.5	336.3
7 5/10 R		8.6	338.2
10 R		8.0	338.8

2+00		346.84		
℄			10.8	336.0
4 R			10.8	336.0
4 5/10 R			11.1	335.7
8 R			11.1	335.7
9 R			10.4	336.4
12 R			9.6	337.2
2+25				
11 L			12.1	334.7
9 L			13.2	333.6
℄	℄ channel		13.3	333.5
6 R			13.2	333.6
10 R			12.0	334.8
T.P	3 81	337.92	12 73	334.11
2+50				
℄			4.6	333.3
6 L			6.4	331.5
12 L	℄ channel		7.3	330.6
17 L			6.7	331.2
18 L			4.8	333.1
23 L			4.8	333.1
2+75				
℄			6.2	331.7
4 L			6.0	331.9
5 L			9.6	328.3
18 L	℄ channel		9.0	328.9

2+75		337.92		
22 L			9.1	328.8
30 L			5.8	332.1
3+00				
8 L			8 3	329.6
4 L			11.1	326.8
℄	℄ channel		11.1	326.8
3 R			11.1	326.8
7 R			9.2	318.7
T.P.	10.38	347.64	0.66	337.26
T.P.	8.44	355.99	0.09	347.55
B.M.			2.90	353.09

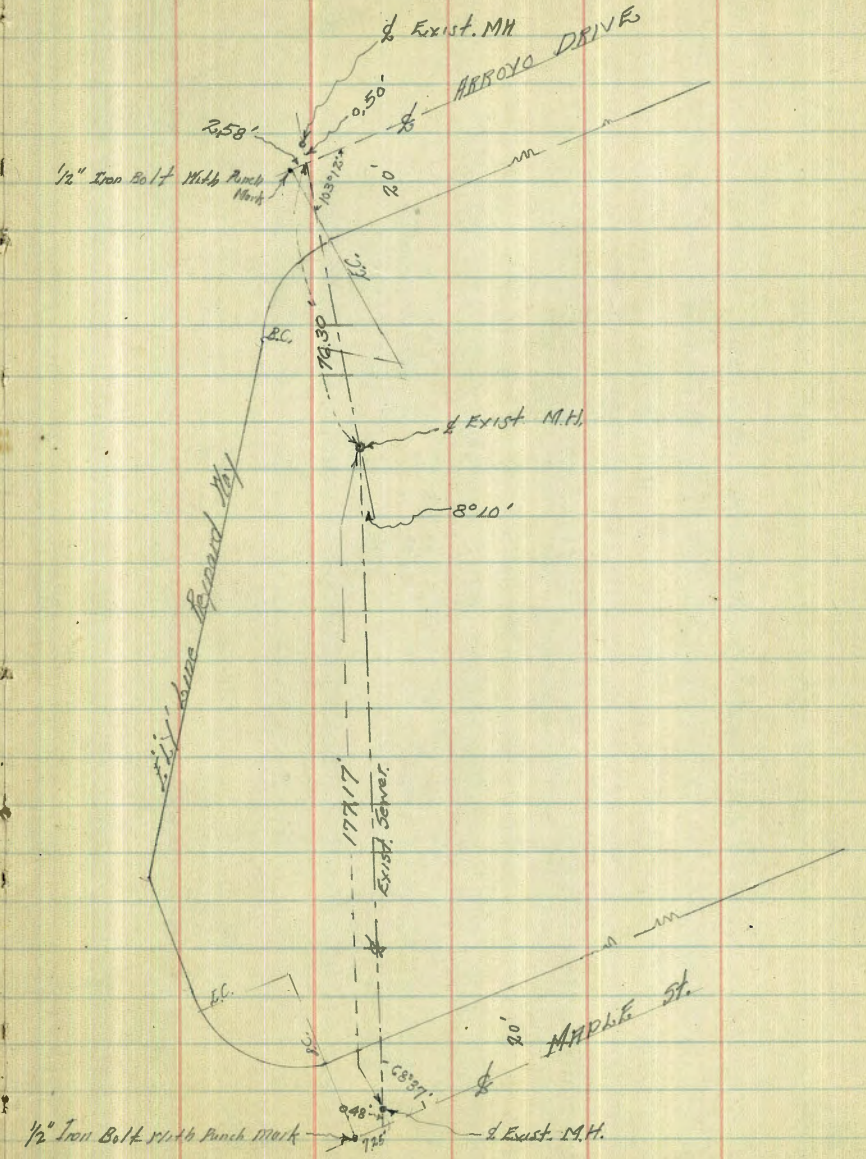


Location Existing M.H. Nº 10 And 26
IN REYNARD WAY
See Plan Nº 3635-L



Location Existing Sewer
For Easement as Per Sketch.
REYNARD HILLS

Walker
Wm Bliss
McHoon
McHugh
Sommer
S-3-30

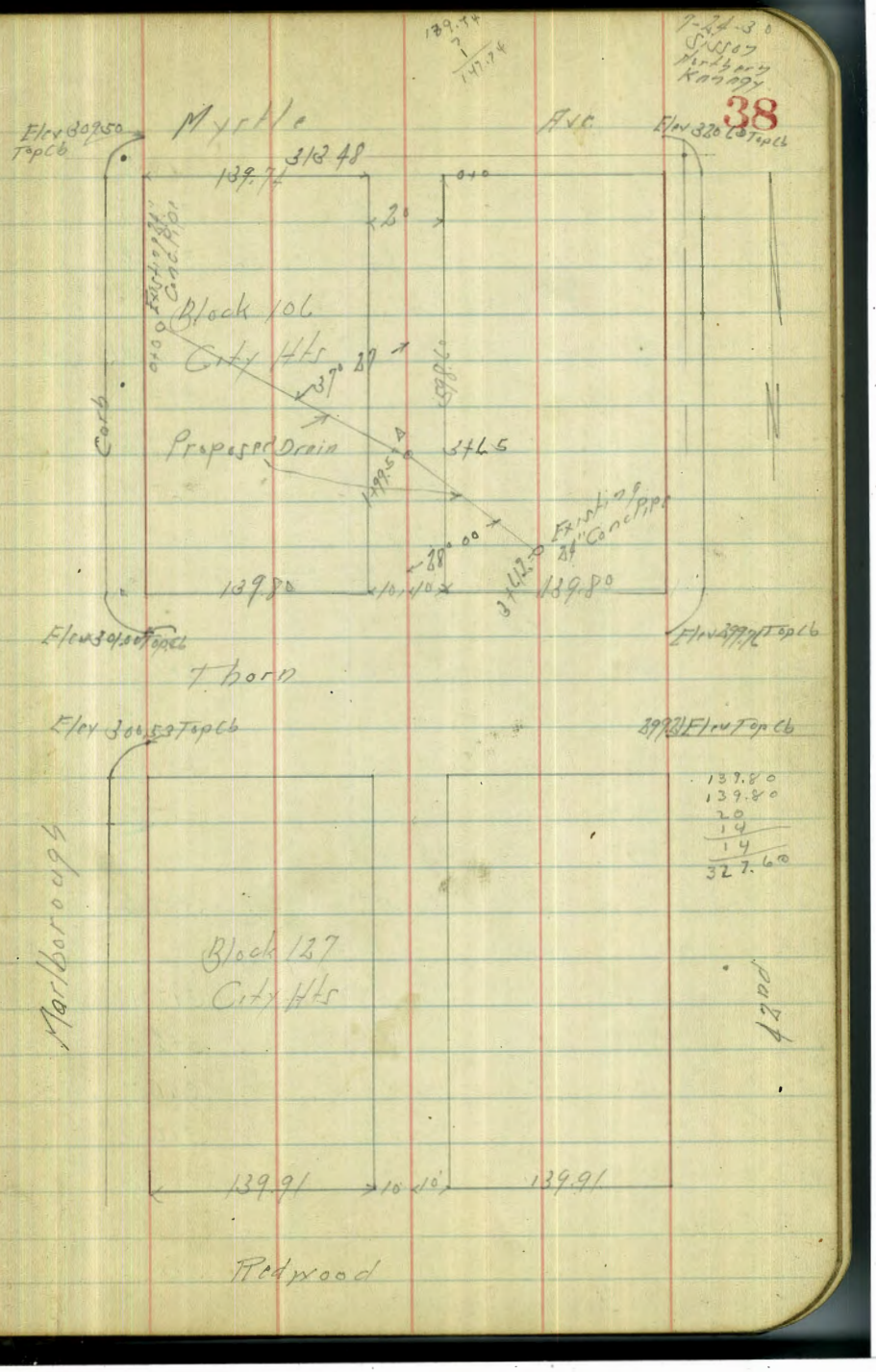


Alley Block 106 City Hts
From Myrtle to Thorn
Between Marlborough & 42nd St

Zo Wide

BM	123	322.85		321.62	NW S.P. Myrtle & 42nd St
		SL. Myrtle			
E			6.4	316.4	
+5			7.0	315.8	
℄			7.3	315.5	
+5			7.3	315.5	
W			8.2	314.6	
+5			8.6	314.2	
		3' S of SL. Myrtle			
-5			8.6	314.2	
W			8.1	314.7	
+5			7.0	315.8	
℄			6.8	316.0	
+5			6.6	316.2	
E			5.2	317.6	
		10' S of SL. Myrtle			
E			4.8	318.0	
+5			5.9	316.9	
℄			6.3	316.5	
+5			6.2	316.6	
W.			7.5	315.3	
+5			8.3	314.5	
		25' S			
-5			7.8	315.0	
W			7.3	315.5	

Plotted 7-30-30 GBH



	32285				32285		
+5		5.7	317.1	H		7.9	314.9
⊿		5.8	317.0	⊿		7.2	315.6
+5		5.4	317.4	+5		7.1	315.7
E		4.5	318.3	E		6.5	316.3
	57'S of S.L Myrtle				154'S		
-5 = ℄ Garage Conc Floor		4.44	318.41 ✓	-10.0 = S.L. Do Garage Bit. F'floor		7.8	315.0 ✓
E		4.7	318.1	E		8.3	314.5
+5		5.2	317.6	+5		8.6	314.2
⊿		5.4	317.4	⊿		8.9	313.9
H		6.3	316.5	H = Board Porch		9.32	313.53 —
+5		6.6	316.2		174'S		
	75'S			-5		11.5	311.3
-5		6.9	315.9	H		10.5	312.3
H		6.6	316.2	+5		10.2	312.6
+5		5.7	317.1	⊿		9.9	312.9
⊿		5.6	317.2	+5		9.6	313.2
+5		5.3	317.5	E		9.0	313.8
E		5.2	317.6	+10 = S.L. Do Garage Bit. F'floor		8.5	314.3 ✓
	100'S				185'S		
E		5.7	317.1	E		10.0	312.8
+5		6.1	316.7	+5		10.3	312.5
⊿		6.1	316.7	⊿		10.6	312.2
H		6.6	316.2	+5		11.4	311.4
+5		7.2	315.6	H		12.5	309.3
	125'S			TP 0.09	310.01	12.93	309.92
-5		8.4	314.4	+10		3.6	

310.01

200'S

-10		5.7	304.3
W		8.1	306.9
℄		10.5	308.5
+5		+0.4	310.4
E		+2.2	312.2

225'S

E		2.5	307.5
+5		4.5	305.5
℄		6.3	303.7
W		8.8	301.2
+15		14.3	295.7
TP	0.41 297.10	12.82	297.19

250'S

-15		7.9	289.7
W		2.0	295.6
℄		+1.3	298.9
+5		+3.6	301.2
E		+5.5	303.1

275'S

E		+2.3	299.9
+5		0.4	297.2
℄		2.4	295.2
+5		4.3	293.3
W		5.0	292.6
+15		10.4	287.2

297.60

200'S

-15		12.1	285.5
W		9.0	288.6
+5		6.7	290.9
℄		5.6	292.0
+5		3.7	293.9
E		2.0	295.6

325'S

-10		4.5	293.1
E		7.0	290.6
+5		8.4	289.2
℄		10.0	287.6
W		11.2	286.4
+15		14.1	283.5

Proposed Drain — See Page 38

0+0 = Flow Line of Exist. 24" Conc Pipe		11.72	
+25		8.6	
+40		5.7	
+65		8.5	
1+0		12.6	
+45		14.8	
TP	0.54 287.28	10.86	286.74
+85		5.1	
+99.52 A = 3+15 on ℄ Alley		6.0	
2+50		7.9	
3+0		9.9	

28788

3+30	9.7	277.6
3+62: Flow Line of Existing 24" Conc Pipe	11.01	276.27
343'S		
-20 = Bo Hom Wash	4.6	282.7
W	3.8	283.5
℄	2.6	284.7
+5	2.0	285.3
E	1.6	285.7
+10	0.7	286.6
365'S		
-15	7.1	280.3
E	6.7	280.6
+5	6.3	281.0
℄	6.0	281.3
W	5.0	282.3
+20	4.8	282.5
380'S		
-20	4.2	283.1
W	5.2	282.1
℄	6.2	281.1
+5	6.7	280.6
E	7.1	280.2
+30	8.4	278.9
400'S		
-20	8.7	278.6

28788

E	4.3	283.0
+5	3.5	283.8
℄	3.0	284.3
+3	1.4	285.9
W	0.0	287.3
+10	+2.0	289.3
425'S		
-10	+6.0	293.3
W	+1.8	289.1
℄	2.6	284.7
+5	3.3	284.0
E	5.2	282.1
+20	8.8	278.5
450'S		
-20	8.6	278.7 445'S = Cluster of 4 Pipe Trees 4'W of ℄ Alley
E	6.3	281.0
+5	4.0	283.3
℄	2.7	284.6
W	+2.3	289.6
+10	+6.0	293.3
475'S		
-10	+7.2	294.5
W	+2.5	289.8
+5	+1.1	288.4
℄	1.9	285.4
+5	2.0	289.3

		28728		
-F			1.8	282.5
+20			9.2	278.1
		500'S		
-20			6.7	280.6
TP	1142	298.26	0.44	286.84
F			10.3	288.0
+5			8.2	290.0
℄			7.8	290.4
M			3.7	294.5
+5			1.9	296.3
TP	8.61	305.30	1.57	296.69
		525'S		
-5			4.9	300.4
M			5.7	299.6
+8			7.3	298.0
℄			8.8	296.5
+5			9.6	295.7
F			11.2	294.1
+15			10.0	295.3
		550'S		
F			4.4	300.9
+5			7.5	299.8
℄			8.8	296.5
+5			7.0	298.3
M			6.8	298.5
+5			6.8	298.5

		305.30		
		575'S		
-5			8.5	296.8
M			8.7	296.6 575.3'S.
℄			9.2	296.1 ℄ N.M. on P.T. 9.2'=296.03
+5			7.0	298.3
F			5.5	299.8
		587'S		
F			5.4	299.9
+5			7.8	297.5
℄			9.0	296.3
M			8.8	296.5
+5			8.5	296.8
		598.6'S = N.L. T30 or 7		
M			6.9	301.4
℄			6.5	301.8
+5			6.5	301.8
F			6.6	301.7 N.M. B.P.
B.M.			6.68	301.82' T30 or 7 N.L. Hydrant 301.82

Alley Block 137 City Atlas
From Thorn to Peddrood
Between Marlborough & Lands
305.30 B.M. Ford.

20' wide

S.L Thorn

W		6.0	299.3
℄		5.9	299.4
+5		6.1	299.2
E		6.1	299.2
	10'S of S.L Thorn		
-15		11.9	283.4
E		10.7	294.6
+5		8.1	296.9
℄		7.0	298.3
W		7.4	297.9
	25'S		
W		7.9	297.4
℄		8.7	296.6
+5		11.1	294.2
E		14.8	290.5
+5		16.9	288.4
+20		17.3	288.0
	50'S		
-115: W.L Shed		14.0	291.3
E		13.8	291.5
+5		11.0	294.3
℄		9.1	295.7
W		8.8	296.5
	75'S		

Plotted 7-30-30 GBH

305.30 B.M. Ford.

W		8.3	297.0
℄		8.9	296.4
+5		9.5	295.8
E		10.5	294.8
+10		12.4	292.9
	100'S		
-15		10.6	294.7
E		9.8	295.5
+3		7.7	297.6
+5		7.1	298.2
℄		7.0	298.3
W		6.1	299.2
	125'S		
W		4.8	300.5
℄		5.5	299.8
+5		5.5	299.8
E		6.0	299.3
+10		6.9	298.4
	150'S		
-5		5.1	300.2
E		5.0	300.3
+5		4.5	300.8
℄		4.3	301.0
W		4.0	301.3
	175'S		
W		3.1	301.7

S.L Thorn = ℄ W.H or Flush Tank on Rim 8.01 = 297.24

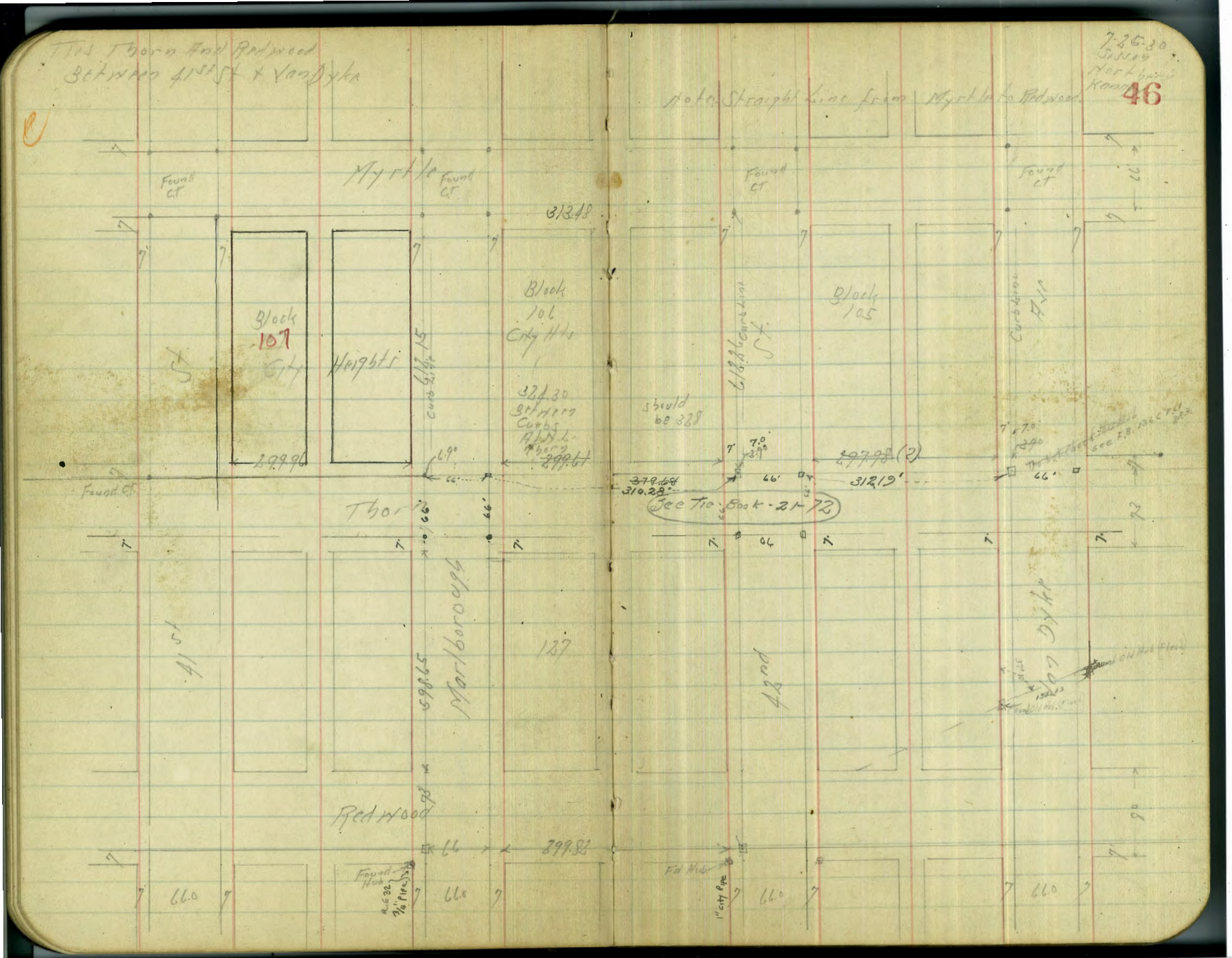
305.30

℄		3.8	301.5
+5		3.9	301.4
E		4.2	301.1
	200'S		18'S = Board Porch to E.L. ✓
E		4.2	301.1
+5		4.1	301.2 3.10=302.20
℄		3.9	301.4
W		3.6	301.7
	218'S		
-5.8 = ℄ Garage Conc Floor		3.20	302.10 ✓
W		3.6	301.7
℄		3.9	301.4
+5		4.0	301.3
E		4.3	301.0
+10.0 = ℄ Garage Dirt Floor		4.3	301.0 ✓
	250'S		
E		4.6	300.7
+5		4.4	300.9
℄		4.1	301.2
W		4.1	301.2
	275'S		
W		4.6	300.7
℄		4.5	300.8
+5		4.7	300.6
E		4.8	300.5
TP	262 302.69	5.83	300.07

302.69

	300'S		
E		2.7	300.0
+5		2.7	300.0
℄		2.7	300.0
W		2.5	300.2
	350'S		
W		3.4	299.3
℄		3.3	299.4
+5		3.3	299.4
E		3.3	299.4
	380'S		
E		3.6	299.1
+5		3.6	299.1
℄		3.5	299.2
W Fence 1.9 in Alley		3.8	298.9 ✓
	400'S		
W Fence 1.6 in Alley		4.4	298.3 ✓
℄		4.4	298.3 407'S: ℄ Garage Conc Floor 3.3' of W.L. ✓
+5		4.3	298.4
E		4.5	298.2 4.80=297.89
	435'S		
℄		5.3	297.4
+5		5.1	297.6
℄		5.5	297.2
W		5.2	297.5
	470'S		

		302.69			
W	Fence 0.9 in Alley		7.2	295.5 ✓	
℄			7.0	295.7	
+5			6.8	295.9	493'S - Garage
E			6.6	296.1	3.6 F of EL ✓ Dirt Floor
		500'S			7.3=295.4
E			7.7	295.0	
+5			7.8	294.9	
℄			8.1	294.6	
W	Fence 0.9 in Alley		8.4	294.3 ✓	
		535'S			
W	Fence 0.8.0 Alley		9.0	293.1 ✓	
℄			9.4	293.3	
+5			9.1	293.6	
E			8.8	293.9	
		570'S			
E			10.2	292.5	
+5			10.3	292.4	
℄			10.5	292.2	
W			10.5	292.2	
		600'S: N.L. Redwood			
W			14.0	288.7	
℄			13.8	288.9	
+5			13.2	289.5	
E			12.2	290.5	
TP	3.81	306.29	12.1	301.48	
BM			3.48	301.81	H.W.B.P. Thorn & Marlborough 301.82


Thos Thorn Add Redwood
Between 41st St & VanDyke
Note: Straight Line from Myrtle to Redwood
7-26-30
Survey Northerly Kaan
46
Found CT
Myrtle
Found CT
Found CT
Found CT
81348
Block 107 City Heights
Block 106 City Heights
Block 105
Carolina Ave
Curb Line
Curb Line
Curb Line
324.30 St Horn Curbs N.W.L. Thorn
299.90
299.67
299.98 (2)
Should be 328
379.68
310.28
312.19'
See Tie Book - 21-72
Found CT
Thorn
St
41st
Marlborough
127
42nd
Van Dyke
Found Old Mon. Flush
Found Old Mon. Flush
Redwood
299.82
Found Hub
Fd Hub
1" City Pipe
66.0
66.0
66.0

15' wide X Sec Alley Blk 36 Teralta
El Cajon to Orange bet 35th & Wilson

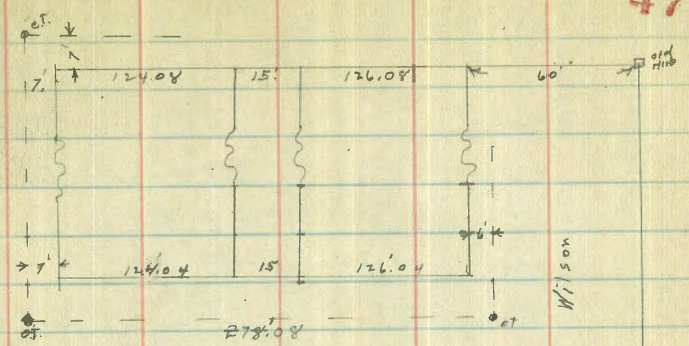
Zuhl — Sommermeyer — Osborne — Kanaly 10-25-30

				S.W. El Cajon & Wilson.
B.M.	4.54	384.62	380.08	
		S. S. of Line El Cajon		
10' E. of E line gutter		4.54	380.06	
E. emt. el		4.04	380.58	
E gutter pavmt		4.45	380.17	✓
℄ " "		4.42	380.20	✓
W " "		4.48	380.14	✓
W emt. el.		3.86	380.76	
10' W. gutter		4.47	380.15	
		20' S. of Sta 00 = S. Line El Cajon		
W. emt. el		3.49	380.93	
W. S. end pavmt		3.83	380.79	✓
℄ " " "		4.08	380.54	✓
E " " "		4.02	380.60	✓
E. emt. el.		3.86	380.76	
	8' S.			
E		4.0	380.6	
+3		3.5	381.1	
℄		3.5	381.1	
+5		3.5	381.1	
W		3.9	380.7	
	40' S			
W		4.6	380.0	
℄		4.4	380.2	
E		4.7	379.9	

Plotted 10-27-1930 - CBH

El Cajon Ave

47



Orange

26.16
13.
78.16

384.62

70' S

E		5.4	379.2
℄		4.4	379.8
W.		4.9	379.7
	100' S		
W		5.3	379.3
℄		5.1	379.5
E		5.5	379.1
	130' S		
E		5.1	379.5
℄		5.4	379.2
W.		5.7	378.9
	159' S. N. End 4 garages on E. emt. floor o.b. Back		
W		5.8	378.8
℄		5.6	379.0
E		5.9	378.7
+0.6 floor		5.95	378.67

384.62

199'S. S.End. above 4. garages on E. 0.5 Back

E-0.5 floor	6.0	378.6
E	6.0	378.6
℄	5.6	379.0
W.	5.9	378.7

207'S ℄ cmt. walk on E.

E on W. end walk	4.12	378.50
E+0.5 " Walk.	4.00	378.62

210'5 S N. End 4. garages on E. cmt. floor 0.4 Back.

W.	6.0	378.6
℄	5.7	378.9
E+7 = W. edge cmt. apron No. yardage	6.20	378.42 covered with dirt
E	6.0	378.6
E+0.4	5.95	378.67

240'S

E	6.1	378.5
℄	5.7	378.9
W	5.7	378.9

251.3. S. end above garages on E 0.5 Back

W	6.1	378.5
℄	5.9	378.7
℄+7 W. edge cmt. apron N. yardage	6.35	378.27 covered with dirt.
E. dirt	6.2	378.4
E+0.5 floor	6.18	378.44

245.5

E	4.6	378.0
℄	6.4	378.2
W	6.7	377.9

384.62

300.5

W.		6.8	377.8
℄		6.8	377.8
E.		6.4	378.2
T.P.	5.20	383.41	6.41 378.21

327.5

E	5.4	378.0
℄ dirt	5.4	378.0
℄ Top M.H.	5.28	378.13
W.	5.4	378.0

372.5. garage on W. cmt. floor 2.9 Back

W-2.9 floor	4.84	378.57
W	5.1	378.3
℄	5.1	378.3
E	5.1	378.3

384.5 garage on W. cmt. floor 2.9 Back

E	5.0	378.4
℄	5.0	378.4
W	5.0	378.4
+2.9 floor	4.80	378.61

393.5. ℄ cmt. Walk on E. 1.3 Back

E-1.3 Walk	4.74	378.67

314.5 garage on E dirt floor 9.5 Back

W	4.6	378.8
℄	4.8	378.6
E	4.8	378.6
+9.5 floor	4.8	378.6

383.41

427'.5 garage on E. dirt floor 9.5 Back.

E - 9.5 floor	4.8	378.6
E	4.7	378.7
℄	4.6	378.8
W.	4.6	378.8

443'.5 garage on E dirt floor 9.5 Back

W	4.6	378.8
℄	4.6	378.8
E	4.7	378.7
E + 9.5 floor	4.6	378.8

461'.5 garage on W cmt. floor 3.7 Back

E	4.2	378.8
℄	4.4	379.0
W	4.7	378.7
+ 3.7 floor	4.3	379.1

473'.5 garage on E. dirt floor 9.' Back

N.	4.5	378.9
℄	4.5	378.9
E	4.5	378.9
+ 9.. floor	4.6	378.8

385'.5

E	4.8	378.6
℄	4.7	378.7
W.	4.4	379.0

383.41 Alley Blk. 36 Teralta

514'.5 garage on W Board Floor 0.3 in Alley

W + 0.3 floor	4.7	378.7
℄	4.6	378.8
E	4.7	378.7

432'.5. N. End 3 garages on E. dirt floors 8.6 Back

E - 8.6 floor	4.9	378.5
E	4.9	378.5
℄	4.7	378.7
W	4.8	378.6

459'.5. = S. end above garages 8.6 Back

W	5.2	378.2
℄	5.0	378.4
E	4.8	378.6
+ 8.6 floor	4.8	378.6

585'.5.

E	5.1	378.3
℄	5.4	378.0
W.	5.3	378.1

600's

W	5.6	377.8
℄	5.8	377.6
E	5.6	377.8

606.66 S. = N. line Orange

E. line on cmt. el.	5.72	377.69
E line + 0.25 Face " "	5.72	377.69
gutter N. End pavmt	6.03	377.38
℄ " " "	6.22	377.19
W. line " " "	5.94	377.45

383.41

N. line Orange (con)

W. line + 0.30 = gutter N. end pavmt			5.95	377.46	
" " + 0.30 = W. cmt. el.			5.77	377.64	
14'S of N. line = N. el line Orange					
W. line - 0.3 cmt. el.			6.08	377.33	
" " gutter pavmt			6.46	376.75	
" "			6.64	376.77	
E. line " "			6.62	376.79	
" " cmt. el.			6.06	377.35	
T.P.	7.22	385.32	5.31	378.10	
chk B.M.			4.53	380.79 = 380.82	S.W. El Cajon & 3.5TH
chk original B.M.			5.24	380.08	S.W. El Cajon + Wilson

80' wide
14' drs

X Sec. Voltaire St

Sidewalks - Ebers To W. End.

N. Side Voltaire

12-5-30
Mills
Sommerweyer
Osborne.

B.M.B.P.	3.60	33.72	30.12	S.W. Ebers & Voltaire. New P.L. BMs
Return O.K.				
00 = W. Line Ebers.				
N. on W. edge walk to N		3.38		
+2'. edge walk to W. O.K.		3.40		
+7.5 " " " " O.K		3.50		
eb.		3.72		
50' W.				
N. on Lawn		3.5		
+2'. edge walk	O.K	3.64		
+7.5 " "	O.K	3.78		
eb.		3.90		
100.1 W. = W. end. good Walk				
N. on W end Lawn.		3.9	29.8	
+2'. edge walk	O.K. to E N.G. to W	4.01	29.71	
+7.5 " "	O.K to E N.G. to W.	4.15	29.57	
eb.		4.28	29.44	
105' W				
N Vacant Lot		3.6	30.1	
+2		4.0	29.7	
+7.5		4.2	29.5	
+10		4.0	29.7	
eb gone		4.5.	29.2	

S. side Voltaire

B.M.	3.60	33.72	30.12	S.W. Ebers & Voltaire 51
W. eb. Line Ebers				
W.		3.46		
+2 E		3.53		
+4 = RC. 10' R.		3.54		
4.67 W = E. edge walk to W.				
S		3.34		
+2 walk to S. (O.K)		3.37		
+2 Return to N. (N.G.)		3.30		
+4.7 " " S. & W. (N.G.)		3.26		
+4.7 " " N & E (N.G.)		3.33		
+7.5		3.38		
+12.6 curb		3.51		
101.4 = 00 = W. Line Ebers				
S Vacant Lot		3.30		
+2. = S. edge walk to W. O.K.		3.34		
+7.5 = N " " " " O.K.		3.42		
+14 = eb.		3.41		
5' W.				
S. Vacant Lot		3.0		
+2 = edge walk	O.K	3.40		
+7.5 = " "	O.K	3.47		
+10		3.4		
+14 = eb		3.66		

N. Side Voltaire

33.72

145'W

N. Vacant Lot		3.8	29.9
+2		4.3	29.4
+7.5		4.4	29.3
+10		4.2	29.5
eb. gone		4.7	29.0

149.7 W = E. End good walk.

N. in yard no Lawn		4.2	29.5
+1.9 edge walk	O.K. to W.	4.32	29.40
+7.5 " "	O.K. to W.	4.50	29.22
eb.		4.60	29.12

200' N

N yard no Lawn		4.6	
+1.9 edge walk	O.K.	4.70	
+7.5 " "	O.K	4.84	
+11		4.8	
eb.		4.94	

250' W

N. on Lawn		5.1	
+1.9 edge walk		5.13	
+7.5 " "		5.19	
eb.		5.27	

282' W

N on Lawn		5.1	
+1.9 edge walk	O.K.	5.22	
+7.5 " "	O.K.	5.31	
eb.		5.48	

S. Side Voltaire

33.72

20. W.

S Vacant Lot		3.0
+2. edge walk	O.K.	3.57
+7.5 " "	O.K	3.68
+11		3.0
+14 = eb		3.82

40' W.

S Vacant Lot		3.2
+2 = edge walk	O.K.	3.72
+7.5 = " "	O.K	3.75
+11		2.9
eb.		3.93

50' W

S Vacant Lot		3.4
+2 = edge walk	O.K.	3.85
+7.5 = " "	O.K	3.90
+11		3.4
eb.		3.98

75' W.

S. Vacant Lot		3.7
+2 = edge walk	O.K.	3.97
+7.5 " "	O.K.	4.10
+11		3.9
eb.		4.19

N. Side Voltaire

33.72

288' W.

N. on Lawn	5.1
+1.9 = edge walk O.K. grade High	5.16
+7.5 = " " O.K	5.26
eb	5.51

295' W.

N. on Lawn	5.2
+1.9 edge walk O.K.	5.31
+7.5 " " O.K.	5.40
eb	5.51

330' W.

N. on Lawn	5.5
+1.9 Edge walk O.K.	5.54
+7.5 " " O.K.	5.64
eb.	5.83

344' W

N. on Lawn	5.6
+1.9 edge walk OK Grade High	5.47
+7.5 " " OK	5.40
eb. NE	5.9

350.3 W. = W. end good walk

N.	5.8	27.9
+1.9 Walk O.K. to E	5.68	28.04
+7.5 " OK " "	5.59	28.13
eb	5.91	27.81

S. Side Voltaire

33.72

100' W.

S. E. side yard no lawn	3.9
+2 = edge walk O.K.	4.12
+7.5 " " O.K	4.21
+11	3.9
eb	4.33

125' W.

S. yard no lawn	4.2
+2 = edge walk O.K	4.26
+7.5 = " " O.K	4.41
+10	3.8
+14 = eb	4.49

130' W.

S. yard. no lawn	4.1
+2 = edge walk O.K.	4.33
+7.5 = " " O.K	4.42
+10	4.3
eb.	4.54

155' W

S. yard no Lawn.	4.3
+2. edge walk O.K	4.48
+7.5 " " O.K	4.48
+10	4.4
eb.	4.74

N. Side Voltaire

33.72

		400' W.		
N			4.1	27.6
+2	walk N.G.		6.1	27.6
+7.5			6.2	27.5
+10			6.2	27.5
el			6.24	27.48
T.P.	3.70	31.52	5.90	27.82
		435' W.		
N	Vacant Lot		4.3	27.2
+2	walk N.G.		4.2	27.3
+7.5	" " "		4.2	27.3
+10			3.9	27.6
el			4.3	27.2
		450.2 W. = E. End good walk		
N	on Lawn		4.2	27.3
+1.9	edge walk o.k. to W.		4.24	27.28
+7.5	" " o.k. " "		4.29	27.23
el	N.G.		4.4	27.1
		500.9 W. = W. end good walk		
N.	on Lawn.		4.1	26.9
+2.0	edge walk o.k. to E.		4.51	27.01
+7.5	" " " " " "		4.56	26.96
el.	N.G.		4.8	26.7

S. Side Voltaire

33.72

		178' W.		
S	yard no lawn		4.4	
+2	= edge walk o.k. to E Grade Bad to W		4.65	
+7.5	= " " o.k. to E grade bad to W		4.63	
+10			4.7	
el.			4.91	
		187 3/4 W.		
S	yard no Lawn		4.5	
+2	= edge walk		4.59	
+7.5	= " " grade High		4.51	
+10			4.4	
el.			4.95	
		191.8 W.		
S.	on Lawn		4.5	
+2	edge walk o.k. to W		4.68	
+7.5	" " o.k. " "		4.62	
+10.			4.8	
el.			4.99	
		224.2 W		
S.	yard No Lawn		5.1	28.6
+2	= edge walk o.k. to E		4.90	28.82
+7.5	" " o.k. " "		4.93	28.79
+10			4.8	28.9
el.			5.21	28.51

N. Side Voltaire

31.52

530' N = E. End good walk

N.	4.7	26.8
+2'.0 edge walk O.K. to W	4.69	26.83
+7.5 " " " " "	4.77	26.75
el = gutter in drive	5.63	25.89

367.7 = W. end good walk

N	5.0	26.5
+2.0 edge walk O.K. to E	4.92	26.60
+7.5 " " " " "	5.04	26.44
el N.G.	5.3	26.2

600.1 W. = E. Line Sunset Cliffs Blvd.

N. on E. Edge New Walk to N	5.19	26.33
+2. " " " " Return	5.20	26.32
+7.5 " " " " "	5.29	26.23
el.	5.38	26.14
chk BM. 4.25 29.87	5.89	25.63

N.G. Walk to S.W. Voltaire

+ S.S. cliffs = 5.62 / 2

N.W. Return at S.S. Cliffs Blvd. should be Replaced with Exception of 2'.0 curb-W. el. line S.S. cliffs from N. Line Voltaire South.

W. el. line S.S. cliffs

N. Line el. O.K.	4.22	25.65
" " +2'.0 S. end good el.	4.22	25.65

00 = W. Line S.S. Cliffs Blvd

N. on New walk to N	4.20	25.67
+2. N. Edge old walk to W. N.G.	4.0	25.8
+7.5 S " " " " N G	4.1	25.8
el.	4.26	25.61

S. Side Voltaire

33.72

232.3 W.

N. Vacant lot	5.1	28.6
+2 walk NG	4.99	28.73
+4.75 " " "	4.96	28.76
+7.5 " " "	4.60	29.12
+11	4.9	28.8
el.	5.18	28.54

240.2 W

S. Vacant lot	5.2	28.5
+2' walk N. G	5.00	28.72
+7.5 " " "	4.89	28.83
+11	4.9	28.8
el.	5.24	28.48

243' W.

S. vacant lot	5.2	28.5
+2 walk O.K. to W.	5.08	28.64
+7.5 " O.K. to W	5.10	28.62
+11	4.8	28.9
el.	5.27	28.45

279.4 W

S. on Lawn	5.3
+2' walk O.K. to E	5.35
+7.5 " O.K. " "	5.39
+11	5.4
el	5.51

N. Side Voltaire

29.87

50' W.

N.		4.2	25.6
+2.0 Edge walks	N.G.	4.55	25.32
+7.5 " "	N.G.	4.73	25.14
+10		4.4	25.4
el.		4.74	25.13

100' W.

N		4.6	25.2
+2. walk	N.G.	5.0	24.8
+7.5 "	N.G.	5.2	24.6
+10		5.0	24.8
el		5.30	24.57

149.8 W. = E. End Good Walk

N.		5.3	246
+2. E. end, N. edge good walk		5.56	24.31
+7.5 E. End, S " " "		5.69	24.18
el. N. G		5.9	240
T.P.	3.19	6.25	23.62

250.3 W. change in width of good walk. N. side Voltaire

N. +2'. = N. edge walk to E. O.K.

N +2.5 = N " " to W. O.K.

N. +7.5 = S " " to E + W. O.K.

5.5 walk to E. 5.0 walk to W. O.K.

S. Side Voltaire

33.72

284.6 W.

S. Lawn			5.3
+2.5 walk O.K.		grade High	5.76
+7.5 " " "			5.30
+11			5.3
el.			5.53

287.2 W.

S. on walk to House			5.34
+2' edge walk O.K. to W			5.34
+7.5 " "		O.K. to W.	5.41
+11			5.3
			5.54

325' W.

S. on lawn			5.6
+2 walk		O.K	5.64
+7.5 "		O.K	5.66
+10			5.7
el.			5.78
T.P	3.70	31.52	5.90 27.82

400' W.

N			4.0
+2' walk	O.K		3.99
+7.5 "	"		3.99
el.			4.19

N. Side Voltaire

	T 26.81			
T.P.	2.74	T 23.09	6.46	20.35
500.3 W. = W. End good 5.0 walk.				
N.			3.0	20.1
+2.0 = Edge 5.5 walk to W. N.G.			3.3	19.8
+2.5 = " 5.0 " " E. O.K.			3.27	19.82
+7.5 = " 5.0 " " E. O.K.			3.37	19.72
+7.5 = " 5.5 " " W N.G.			3.4	19.7
el.			3.45	19.64
550.3 W. E. End good 5.0 walk				
N.			3.8	19.3
+2.0 = Edge 5.5 walk to E. N.G.			4.0	19.1
+2.5 = Edge 5.0 " " W. O.K.			4.00	19.09
+7.5 = " 5.0 " " W. O.K.			4.08	19.01
+7.5 = " 5.5 " " E N.G.			4.1	19.0
No. el.				
5.0 Walk O.K. to +4 including Return N.E. Cable + Voltaire S.W. cable				
T.P.B.M.	2.10	19.16	6.03	17.06 = 17.01 + Voltaire old B.M.s
00 = W. Line Cable Return O.K.				
0+74 = W. End. New Walk				
N.			2.8	16.4
+2' W. edge W. end New walk			2.88	16.28
+7.5 " W " " "			3.01	16.15
el. line gutter in drive			3.7	15.5
old walk to W. N.G.				

S. Side Voltaire

31.52			
450.W.			
S			4.2
+2' = walk	O.K.		4.24
+7.5 "	" "		4.35
el			4.39
483.3 W.			
S. yard			4.4
+2' = edge walk	O.K. to E.		4.46
+7.5 = " "	O.K. to E.		4.46
el			4.62
491.6 W			
S. yard.			4.3
+2' = edge walk to E			4.28
+2' = " " " W			4.19
+7.5 " " " "			4.28
+7.5 " " " E			4.16
el			4.67
499 W			
S			4.5
+2.0 edge walk O.K. to W			4.50
+7.5 " " O.K. to W.			4.60
el.			4.75
550. W			
S			4.8
+2' edge walk			4.86
+7.5 " "			4.98
el.			5.08

57

N. Side Voltaire

19.16

82.' W.

N		2.8	16.4
+2.' walk N.G.		3.1	16.1
+7.5 " " "		3.1	16.1
+8.5		1.6	17.6
+11		1.6	17.6
eb		3.20	15.96
	100'W		
N		3.0	16.2
+2.' walk N.G.		3.3	15.9
+7.5 " " "		3.4	15.8
+11		3.0	16.2
eb		3.45	15.71
	150'W		
N		3.7	15.5
+2.0 walk N.G		3.9	15.3
+7.5 " " "		4.0	15.2
+11		3.9	15.3
eb.		4.09	15.07
	200'W		
N		4.5	14.7
+2.' walk N.G		4.6	14.6
+7.5 " " "		4.7	14.5
+11		4.5	14.7
eb N.G.		4.8	14.4

S. Side Voltaire

600.'1 W. = E. line Sunset Cliffs Blvd

π 31.52

S +0.3 - Inside Cor Ret			5.00	
+2 walk to E. O.K.			5.09	
+7.5 " " " O.K.			5.28	
eb			5.43	
chK BM.	4.25	29.87	5.89	25.63=25.62 S.W S.S.Cliffs Blvd + Voltaire

1.'W. of E. Line S. S. Cliffs Blvd.

S. on E edge walk to S.	3.35
+0.'2 E. " " " " N. End.	3.35
+0.'3 S. side Ret.	3.39
+3.'0	3.50
+13.'9 eb.	3.79

2.'7 W. of E. Line

S	3.37
+0.'2 walk to S	3.37
+0.3 Return	3.43
+3.0	3.52
+13.6 eb on curve	3.79

5.'5 W. of E. Line

S. walk to W. O.K.	3.37
+0.'2 " " " " Buckled	3.37
+0.3 Return N.G.	3.14
+3.0 " O.K. to N	3.53
+12.4 eb. on curve	3.80

6.'W. of E. line

S. on W. edge walk to S.	3.37
+0.'2 " " " " " N. End	3.37

N. S. de Voltaire

19.16

250'. W.

N	5.3	13.9
+2' walk N.G.	5.3	13.9
+7.5 " " "	5.4	13.8
+11	5.2	14.0
el.	5.43	13.73

273' W.

N.	5.8	13.4
+2' Walk N.G.	5.6	13.6
+7.5 " " "	5.7	13.5
+11	5.3	13.9
el	5.73	13.43

274.9 W. = E. End New. Walk

N on Lawn	5.8	13.4
+2.0 N. edge E. End. New walk	5.57	13.59
+7.5 S. " E. " " "	5.56	13.60
el.	5.78	13.38
T.P. 3.05 15.56	6.65	12.51

424.8 W. = W. end. New. Walk.

N on Lawn	3.9	11.7
+2.0 edge Walk O.K to E	4.00	11.56
+7.5 " " O.K to E.	4.12	11.44
el.	4.23	11.33

S. Side Voltaire

29.87

7' W. of E. Line S.S. Cliffs

59

S+0.3 = S. edge Ret.	3.57
+3.0	3.59
+11.1 el on curve	3.80

10' W. of E. line = E. el.

S.	3.70
+.3	3.73

S.W. Return O.K.

00 = W. line S. S. Cliffs Blvd

S. inside cor Ret	4.02
+2. edge walk to W. O.K.	4.05
+7.5 " " " " O.K.	4.13
+14 = el.	4.28

8.6 W.

S+2 edge walk OK	4.13
S+7.5 " " O.K.	4.20

14.5 W

S+2 walk OK	4.10
S+7.5 " O.K Grade High	4.13

20.5 W

S+2. walk O.K.	4.25
S+7.5 " " "	4.30

34.2 W

S+2.0	4.18
S+7.5 walk to E O.K	4.23
" " " " W O.K.	4.18

N. Side Voltaire

15.56

450' W

N. on lawn	4.3	11.3
+2. walk N.G.	4.3	11.3
+7.5 " N.G.	4.4	11.2
el. N.G.	4.5	11.1

500' W.

N	4.8	10.8
+2.0 walk N.G.	4.8	10.8
+7.5 " " "	4.9	10.7
el	5.09	10.47

535.5 W. = E. End New. walk

N	5.3	10.3
+2.0 edge walk OK to W.	5.21	10.35
+7.5 " " OK to W.	5.28	10.28
el.	5.48	10.08

545.5 W.

N	5.3	10.4
+2.0 = N. Edge walk O.K. to E N.G. to W.	5.28	10.28
+4.75 ℄ walk O.K. to E + S N.G. to N.W.	5.35	10.21
+7.5 S. edge walk O.K. E. + W.	5.37	10.19

549.6 W

N	5.3	10.3
+2.0 edge walk N.G. to E. W. + N.	5.36	10.20
+4.75 ℄ " N.G. to N + W - O.K. to S + E	5.43	10.13
+7.5 " " O.K. to E. N.G. to W.	5.43	10.13

See Plat Next Page

S. Side Voltaire

29.87

39.4 W.

S+2.0 edge walk	4.24	
S+7.5 walk to E, grade High	4.27	
" " " " W.	4.36	

44.5 W.

S+2.0 edge walk O.K.	4.46	
S+7.5 " " O.K	4.58	

83.3 W

S+2.0 edge walk	4.79	
S+7.5 " " to E	4.86	
" " " " W.	4.81	

88.0 W.

S+2.0 edge walk O.K.	4.94	
S+7.5 " " O.K.	4.96	

91.6 W

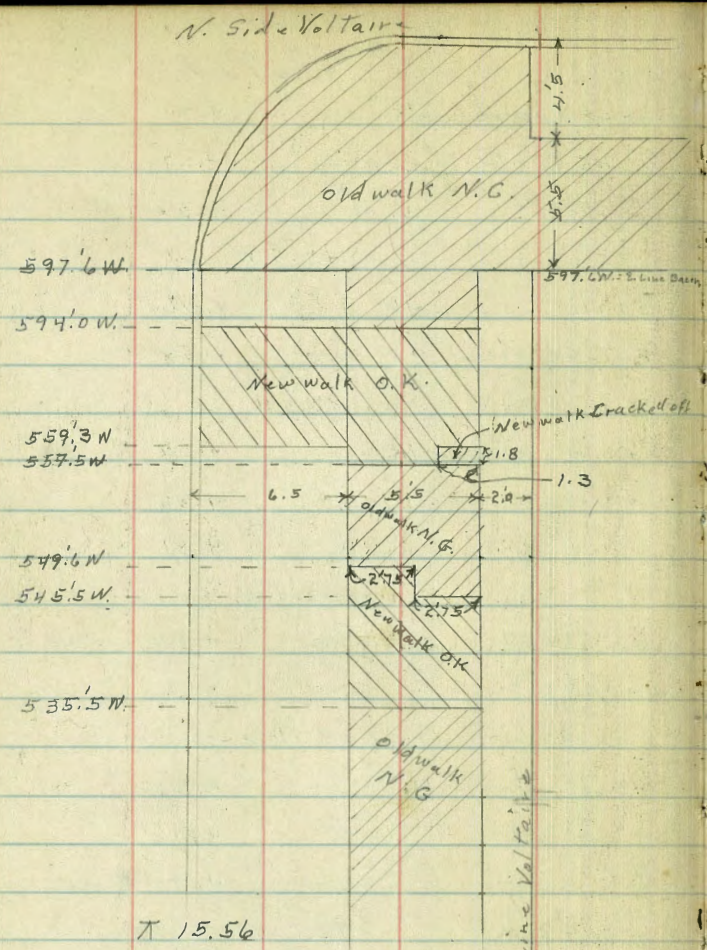
S+2.0 edge walk	4.90	
S+7.5 " " to E	4.90	
" " " " W	4.94	

97.1 W

S+2.0 edge walk O.K.	4.97	
S+7.5 " " O.K	5.10	
el	5.24	
T.R 3.19	26.81	6.25 23.62

191.8 W

S+2 = S. edge walk O.K.	2.88	
S+7.5 N " " O.K.	2.89	
el.	3.12	



T 15.56

557.5 W.

N.	5.5	10.0
+2 edge walk N.C.	5.5	10.0
+3.3 Walk OK to S.W.	5.45	10.11
+7.5 " OK to W.	5.53	10.03
el.	5.66	9.90

S. Side Voltaire

26.81

Walk bet 191.8 W. + 194.6 W. N.C.

194.6 W.

S. +2. Walk to E	2.88
S +2 " " W O.K.	2.84
S +7.5 " " E	2.91
S. +7.5 " " W. O.K	2.98

372.1 W

S+2 edge Walk O.K.	5.09
S+7.5 " " to E. O.K	5.15
" " " " " W	5.11
el.	5.30

386.0 W. 5.14

S+2 edge walk O.K. grade High	5.02
S+7.5 " " O.K grade High	5.48
el	

394.2 W.

S+2 edge walk O.K.	5.39
S+7.5 " " O K	5.43
el.	5.61

435.5 W.

S+2. edge walk O.K.	6.00
S+7.5 " " O.K.	5.94
el	6.18

438.3 W.

S+2.0 walk O.K.	5.94
S+7.5 " OK grade High.	5.88

N. Side Voltaire

15.56

594'.W = W. End. Good walk

N	5.7		
+2'.0 edge walk o.K. to E	5.69		
+7'.5 " " OK to E.	5.84		
el.	5.98		

597'.6 W. = E. line Bacon. ST.

N. on old walk	5.73		
+2'.0 " " "	5.70		
+7'.5 " " "	5.81		
el.	6.00		

E. el. line Bacon

N. line on old el.	6.00		
T.P. B.M.	5.99	9.57 = 9.52	N. E. Bacon & Voltaire old B.M.

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S. Side Voltaire

26.81

449'.3 W.

62

S+2' walk O.K.			6.21		
S+7.5 " OK			6.29		
el.			6.42		
T.P.	2.74	23.09	6.46	20.35	

465.9 W.

S+2 walk OK			2.69		
S+4'.75 " OK			2.66		
S+7.5 " to E. O.K.			2.70		
S+7,5 " to W O.K. Grade High			2.57		buckled
el			2.95		

Bet 487'.6 W & 488'.5 W. Walk gone

Should be Replaced bet 485.2 W & 490.9 Walk Markings.

From 550,2 W to (600'.2 W. = E. line Cable) 14' Walk O.K. S. W. Voltaire & cable

T.P. B.M.	2.10	19.16	6.03	17.06	12.01 old B.M.s.

No Old Walk on S. Side Voltaire Bet. Cable & Bacon

oo = W. line Cable Return O.K.

Bet. 184'.7 W. & 195.7 W = N. half of 5'.5 Walk cracked & buckled.

184'.7 W.

S+2'.0 edge walk O.K. E & W	4.34
+7.5 " " O K to E	4.41
el	4.52

187.5

S+2'.0 edge walk O.K.	4.40
S+4.75 ℄ " O.K	4.41
S+7.5 edge " High	4.20

N. Side Voltaire

S. Side Voltaire
1.9.16
195.7 W.

S + 2.0 edge walk O.K.			4.46
S + 4.75 ℄ " O.K.			4.48
S + 7.5 edge " O.K. to W.			4.50
S + 7.5 " " N.G. to E			4.44
el.			4.69

Bet 233.7 W. to 244.7 W. E. Half of 5.5 walk (N) / (S) cracked in drive W. Half O.K.

T.P.	305	15.56	6.65	12.51

4.57 W.

S + 2. S. edge walk to E	4.34
S + 2. S. " " " W	4.39
S + 7.5 N " " " E	4.43
S + 7.5 N " " " W	4.38
el.	4.51

462.5 W.

S. + 2. = edge walk 1/2 grade height	4.38
S + 7.5 " "	4.34

468. W.

S + 2 = edge walk	4.48
S + 7.5 = " "	4.51
el.	4.63

501.2 W. = W. End 5.5 walk = E. End 14. (full width walk O.K. extending to Bacon. 597.6 W. of Cable Return O.K.

T.P. B.M.		5.99	9.57 = 9.52

N.E. Bacon & Voltaire old B.M.

(con) Page 64

N. Side Voltaire

B.M.BP	1.57	11.14	9.57	N.E. Bacon + Voltaire

W. el. Line Bacon

N. on old el	2.09	

Return old walk should be Replaced

00 = W. Line Bacon

N on old walk N.G.	1.85	9.29
+2.0 edge old walk N.G.	1.83	9.31
+7.5 " " " " "	1.98	9.16
el.	2.16	8.98

100' W

N.	3.4
+2.0 edge old walk	3.36
+7.5 " " "	3.46
el	3.61

200' W

N	5.1
+2.0 edge old walk	4.90
+7.5 " " "	5.02
el	5.08

300' W.

N.	5.9
+2.0 edge old walk	6.24
+7.5 " " "	6.35
el.	6.54

S. Side Voltaire

BM.BP	1.57	11.14	9.57

64

W. el. Line Bacon

S. on old el.	2.12	9.02

Return old walk should be Replaced.

00 = W. Line Bacon

S. old walk	1.84	9.30
+2.0 edge walk N.G	1.81	9.33
+7.5 " " " "	1.94	9.20
el.	2.10	9.04

100' W

S	3.42
+2.0 edge old walk	3.44
+7.5 " " "	3.58
el	3.64

200' W

S.	5.6
+2.0 edge old walk	4.96
+7.5 " " "	5.10
el	5.14

300' W.

S	6.5
+2.0. edge old walk	6.32
+7.5 " " "	6.44
el	6.58

N. Side Voltaire

11.14

400'W

N.	6.9
+2'.0 edge old walk	6.88
+7'.5 " " "	7.01
el	7.07

500'W.

N.	7.4
+2.0 edge old walk	7.32
+7.5 " " "	7.47
el.	7.54

T.P.	3.84	7.22	7.76	3.38

534'.4 W. = E. End. New. walk.

N.	3.6
+2'.0 edge walk o.k. to W.	3.62
+7'.5 " " o.k. " W.	3.77
el line gutter in drive	4.29

579'.4 W. = W. End New walk for S. half of cmt. walk

N.	3.9
+2'.0 edge New walk	3.95
+4'.75 ℄ to E. W. edge to W. New walk	3.98
+7'.5 S. edge W. End. New walk	4.01

582.3 W. = W. End New walk for N. Half of cmt walk

N	4.0
+2'.0. N. edge - W. end. New walk	3.98
+4'.75 S. edge W. End " "	4.00
+7'.5 edge old walk	4.06
el.	4.16

S. Side Voltaire

11.14

400'W

65

S.	7.4
+2'.0 edge old walk	6.91
+7'.5 " " "	7.00
el.	7.11

500'W

S.	7.9
+2'.0 edge old walk	7.33
+7'.5 " " "	7.40
el	7.52

T.P.	3.84	7.22	7.76	3.38

600'.3 W = E. line Abbot

S. on old walk to S.	4.05
+2'.0 edge old walk to E	4.02
+7'.5 " " " " "	4.16
el	4.28

E. el. line Abbot

S. line on old el.	4.27

Return old should be Replaced.

W. el line Abbot.

S. line old el.	4.70

Return old should be Replaced.

S. on W. edge old walk to S.	4.50
+2'.0 edge " " " W	4.48
+7'.5 " " " " W	4.52
el.	4.66

N. Side Voltaire
7.22
600.3 W = E. line Abbot

N. on old walk	3.94		
+2.' on edge old walk	3.93		
+7.5 edge " "	4.11		
el	4.26		

E. el. Abbot.

N. on old el	4.31		
Return N.G. should be Replaced.			
el K BM	4.70	2.52 = 2.47	S.W. Abbot & Voltaire old B.M.

M el. Abbot.

N. line on old el.	4.84	2.38	
Return N.G. should be Replaced.			
00 = W. line Abbot.			
N. on old walk N.G.	4.6	2.6	
+ 2.0 N edge old walk N.G.	4.6	2.6	
+ 7.5 S " " " " "	4.7	2.5	
+11 dirt.	4.4	2.8	
el.	4.70	2.52	
100' W			
N. on old emt. work N.G.	4.7	2.5	
+2.0 edge walk N.G.	4.8	2.4	
+7.5 " " " "	4.8	2.4	
+11	4.4	2.8	
el	5.03	2.19	

S. Side Voltaire
7.22
83.7 W. = E. End New walk

S.		4.8		
+2.0 edge walk O.K. to W.		4.88		
+7.5 " " O.K. " W.		4.89		
el.		5.02		
94.8 W = W. end New. walk				
S.		4.8		
+2.0 edge walk O.K. to E.		4.87		
+7.5 " " O.K. " E.		4.92		
el		5.03		
159.' W. = E. End New. walk				
S.		5.2		
+2.0 edge walk O.K. to W.		5.11		
+7.5 " " O.K. " W.		5.12		
el.		5.14		
196.6 W. = W. end New. walk				
S.		5.2		
+2.0 edge walk O.K. to E.		5.15		
+7.5 " " " " "		5.13		
el.		5.26		
T.P.	4.89	6.69	5.42	1.80
318.' W = End old walk				
S		4.9		
+2.0 edge old walk N.G.		4.9		
+7.5 " " " N.G.		5.0		
el.		5.04		

N. Side Vollaire
7.22
200' W

N. on old cmt.	N.G.	5.0	2.2	
+20 " " walk	N.G	5.2	2.0	
+7.5 " " "	N.G	5.2	2.0	
+11		5.1	2.1	
eb.		5.36	1.86	
T.P.	4.89	5.42	1.80	

6.69
W. end old walk
268.3 W = E. " New Return N.E. Cor Vollaire + W. Pt. Loma

N. on E. End New Return	4.79	1.90	
+20 " " " "	4.79	1.90	
+7.5 " " " "	4.85	1.84	
eb	5.06	1.63	N.E. Vollaire + W. Pt Loma Blvd
chk BM.	5.03	1.66	

S. Side Voltaire
6.69
328.7 W on S. eb Line } old eb. xing walk.
338.0 W " S. Line }

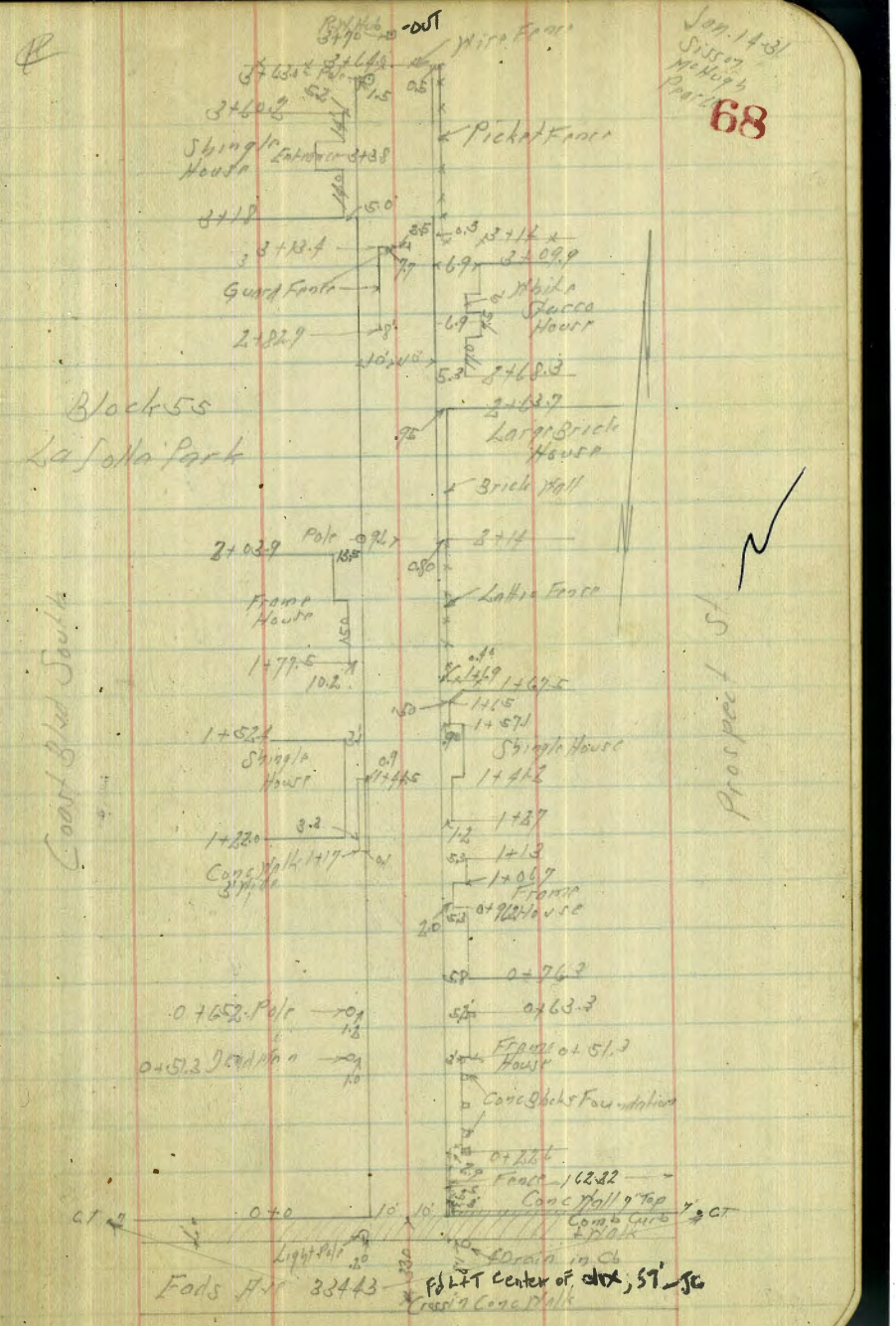
67

S. line on old eb			5.30		
S. eb. Line " "			5.27		
T.P.BM	6.68	9.20	4.17	2.52	S.W. Abbot + Voltaire
T.P.	9.46	18.45	0.21	8.99	
chk BM.			8.88	9.57 ✓	N.E. Baron + Voltaire
T.R.BM.	9.87	26.93	1.39	17.06 ✓	S.W. Cable + Voltaire
chk BM.			1.31	25.62 ✓	S.W. S.S. Cliffs + Voltaire

Cross Section Alley Block 55 La Jolla Park

Eads & Scripps - Coast Blvd - Prospect 20' Wide

					SF BR
BM	0.73	88.64		87.91	Prospect & Eads
TP	0.24	76.09	12.79	75.85	
TP	9.67	73.52	12.21	63.85	
		0 - 6.1 = HC of Eads			
-1.8 = Flow Line Drain			9.77	63.75	
E	Top Cb		9.29	64.23	
E	Top Paving		10.31	63.21	
E	" "		11.61	61.91	
E	" Cb		10.62	62.90	
W	" "		11.96	61.56	
W	" Paving		13.01	60.51	
		0+0 = NL Eads			
W	Top Walk		11.76	61.76	
E	" "		10.38	63.14	
E	" "		9.08	64.44	
		0+8' N of NL	Eads - End of Wall on East		
E	Top Conc Wall		5.63	68.09	
E	Ground		6.7	66.8	
+7			7.6	65.9	
+8			9.4	64.1	
E			9.4	64.1	
+4			9.8	63.7	
+5			8.8	64.7	
P			9.7	63.8	
+5			11.1	62.4	



Jan. 14-31
Sisson McHugh Party

68

73.52

0+10		
-5	10.1	63.4
W	8.0	65.5
+5	7.7	65.8
+6	8.4	65.1
℄	8.2	65.3
+2	8.4	65.1
+3	6.2	67.3
E	5.8	67.7
+35 = Fence		
0+22.6 = ℄ of House to East		
Top of Conc Blk	3.41	70.11
Bottom of Footing	5.41	68.11
0+25		
-01 = Fence		
E	4.6	68.9
+6	5.2	68.3
+8	6.4	67.1
℄	6.0	67.5
+2	6.5	67.0
+4	5.9	67.6
W	7.7	65.8
+10	10.6	62.9
0+51.3		
-10	9.8	63.7
-10 = Dead Man		

73.52

W	7.5	66.0
+6	6.1	67.4
℄	5.5	68.0
+4	5.1	68.4
+6	3.8	69.7
E	3.7	69.8
+3 Top Conc Block	3.08	70.44
0+63.3		
-5.2 = Top Conc Blk	2.56	70.96
-5	3.0	70.5
E	3.2	70.3
+4	3.5	70.0
+6	5.2	68.3
℄	5.3	68.2
W	7.5	66.0
+10	9.9	63.6
0+76.3 = ℄ of House to E		
-10	10.2	63.3
W	7.6	66.1
+6	5.2	68.3
℄	5.0	68.5
+4	4.8	68.7
+8	3.0	70.5
E	2.9	70.6
+15.8 = W/y Rt.	2.3	71.2

73.52

0+96.2

-5.3 = Wly Ho	2.9	70.6
E	3.2	70.3
+4	3.8	69.7
+6	4.7	68.8
℄	4.4	69.1
+2	4.7	68.8
+5	6.5	67.0
W	8.0	65.5
+10	10.4	63.1

1+06.7

-10	10.4	63.1
W	7.5	66.0
+5	6.2	67.3
+9	4.2	69.3
℄	4.4	69.1
+5	4.2	69.3
E	3.1	70.4
+12.1 = Wly Ho	3.0	70.5

1+17

E	1.9	71.6
+5	4.1	69.4
℄	4.2	69.3
+4	5.2	68.3
+9.9 = E Edge Conc Walk at Walk	8.05	64.87
+10	10.4	63.1

73.52

1+22

-3.3 = Ely of Ho. on Conc Walk	8.52	65.00
W	8.45	65.07
+2	7.9	65.6
+8	4.3	69.2
℄	4.2	69.3
+6	3.7	69.8
+8	2.1	71.4
E	1.7	71.8

1+27

12 E of EL on Mud Sill	1.3	72.2

1+41.2

1.2 E of EL on Mud Sill	1.6	71.9

1+44.5

E	1.2	72.3
+2	3.7	69.8
℄	4.3	69.2
+5	7.0	66.5
+9.1 E Edge of Walk	8.32	65.20
W +3 = Ely of House on Walk	8.32	65.20

1+69.0

-0.4 = Face	1.8	71.7
E	1.8	71.7
+2	2.2	71.3
+3	3.7	69.8
℄	4.2	69.3

78.52

+2	13.	69.2
W	7.4	66.1
+10	10.8	62.7
1+77.5		
-10	9.9	63.6
-5	8.8	64.7
W	7.6	65.9
+5	6.2	67.3
+9	4.0	69.5
℄	4.1	69.4
+7	3.6	69.9
+8	2.7	70.8
E	2.0	71.5
2+03.9		
E	2.8	70.7
+3	8.6	69.9
+5	4.1	69.4
℄	4.3	69.2
+5	5.7	67.8
W	7.5	66.0
+5	9.9	63.6
+13.5 on Board Walk	10.5	63.0
2+07.4 = ℄ 3' Conc. Walk on E		
0.7' E of EL = Conc Walk	8.30	71.22
2+14		
-10	10.2	63.3

78.52

-5	9.0	64.5
W	7.2	66.3
+5	5.4	68.1
℄	4.0	69.5
+6	3.8	69.7
+7	3.0	70.5
E Ground	2.9	70.6
+0.8 on Bottom Conc Footing For Brick Wall	4.38	69.14
E.L. Top Sewer Lateral	3.5.	70.0
2+40		
E	1.8	71.7
+3	2.0	71.5
+5	3.3	70.2
℄	3.5	70.0
+4	3.6	69.9
+7	6.1	67.4
W	6.9	66.6
+5	8.6	64.9
+10	9.5	64.0
TP 5.91	7.604	8.39	70.13
2+56		
-10	12.0	64.0
-5	9.5	66.5
W	8.4	67.6
+5	7.0	69.0
℄	5.6	70.4

76.04

+6	4.9	71.1
E	4.4	71.6
2+63.7		
-0.95 = Bottom Conc Footing	6.7	69.3
E	4.7	71.3
℄	5.0	71.0
+6	5.4	70.6
W	8.9	67.1
+1	9.7	66.3
+5	10.6	65.4
+10	11.8	64.2
2+64.7		
1.8 E of EL = 8" Tile Drain Flowline	4.67	71.37
2+67.3		
2.0 E of EL = 4" Tile Drain EL	4.72	71.32
2+82.7		
-10	11.6	64.4
-5	9.9	66.1
W	8.9	67.1
+1	6.6	69.4
+2	5.5	70.5
℄	4.5	71.5
E	4.1	71.9
+5.8	4.0	72.0
2+89.8 = ℄ Garage L.g E of EL.		
6.9 = ℄ Gragr Conc Floor	2.66	72.38

76.04

3+04.1 = ℄ Gragr Conc Floor		
6.9 E of EL	3.62	72.42
3+10.6 = Tile Drain		
7.0 E of EL	3.95	72.09
3+13.4		
-5	5.5	72.5
E	4.3	71.7
℄	5.0	71.0
+7	5.7	70.3
+8	8.2	67.8
W	8.8	67.2
+5	9.8	66.2
+10	10.8	65.2
3+14		
+10	11.0	65.0
+5	10.0	66.0
W	8.9	67.1
+2	8.1	67.9
+2.3	8.1	67.9
℄	6.0	70.0
+4	5.5	70.5
E	4.7	71.3
3+18		
E	4.9	71.1
+5	6.0	70.0
℄	7.1	68.9

71.04

+9		8.2	67.8
W		9.2	66.8
+95: Ely of No. Ground		9.6	66.4
+5 Top Conc. Foundation		8.77	67.27
3+38 = ℄ Entrance House on West			
-5.5 on Board Porch		7.70	68.34
W		7.7	68.3
+98		6.6	69.4
℄		5.8	70.2
+3		5.4	70.6
E		3.6	72.4
3+60.2			
E		2.4	73.6
+9		4.5	71.5
℄		5.4	70.6
+8		6.7	69.3
W		7.7	68.3
+5.2 = House			
3+64.0 = N End of Alley			
-5'		8.7	67.3
W		7.4	68.6
℄		5.1	70.9
+1		4.1	71.9
E		2.2	73.8
TP	12.65	87.10	1.59	74.45
TP	5.09	92.05	0.14	86.96
BM			4.09	87.96

SEBP Prospect Hill Fdn.

Alley Block 55 La Jolla Park

Location + Levels on 8" Concrete Sewer Pipe

San-71-3.0 S-1949

73

09-11-26 0-61-1426 Vista

10+58	73+48		12.90
	0+8		
2.8 E of ℄ = Top 8" Conc. Sewer P.pe		12.22	61.26
	0+51.3		
27. E of ℄ Top Pipe		11.14	62.34
	1+08.5 = Sewer Lateral from East		
2.1 E of ℄ Top Pipe		9.75	63.63
	1+57.0		
1.5' E of ℄		9.05	64.43
	2+08.0		
1.0' E of ℄		8.67	64.81
	2+54 = Last Place Uncovered		
1.1 E of ℄		8.45	65.03
on Walk on W 1+17		8.59	6.48	64.87

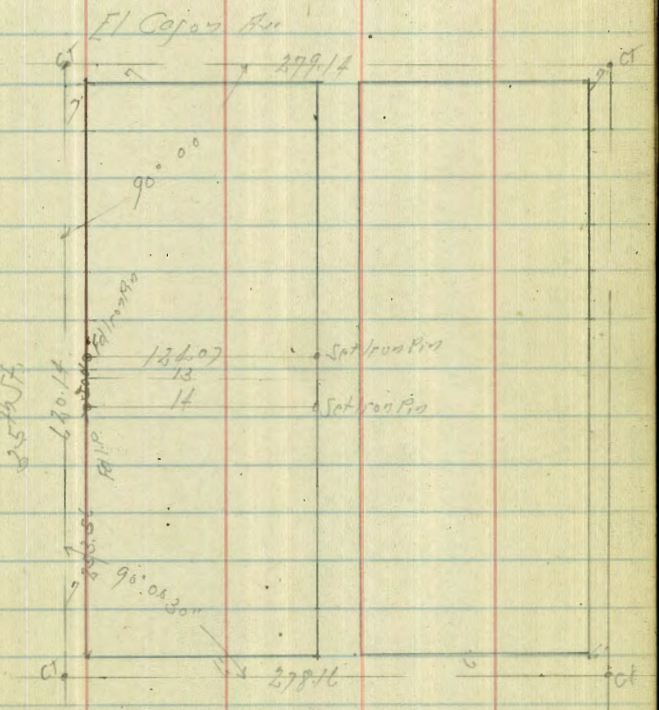
Lots 13-14 Block I Terolito

For MHS Form

indexed
cir'd

Decd 3/74
Moore
Sisson
Northern

74



Orangeville

Proposed Storm Drain
Rose Canyon and Balboa Ave

indexed
C&R

A 1717-2783
Alhadi: SLEd

BM	6.97	24.80	24.8	17.83	
0-380	Stream Bed		16.1	8.7 ✓	
-355	= Opp S/y End Bridge		10.0	14.8 ✓	
-330			5.6	19.2 ✓	
-300			8.3	16.5 ✓	
-250			9.1	15.7 ✓	
-200			9.3	15.5 ✓	
-150			9.0	15.8 ✓	
-100			8.9	15.9 ✓	
-50			8.4	16.4 ✓	
0+0	= Opp. B.C. Rt. Rose Canyon		7.8	17.0 ✓	
+50			6.9	17.9 ✓	
1+0			5.9	18.9 ✓	
+20	= 2" Water Meter 3' Foot S/E		5.40	19.4 ✓	
+50			5.1	19.7 ✓	
+75.63	= B.C. Rt		4.9	19.9 ✓	
2+13.85	= Opp N.E. Cor. Balboa Ave & Rose Canyon 29° to Tan		4.6	20.1 ✓	
+54.20	= N/y Edge Paving		4.54	20.3 ✓	
+94.0	= S/y " "		3.80	21.0 ✓	
+96.93	= 12" C.I. Pipe Top		5.67	19.1 ✓	
3+31.43	= E.C.		2.7	22.1 ✓	
+85	= Gas Pole 1' So. of ℄		1.8	23.0 ✓	
4+0	= Dead Man 1' So. of ℄		1.9	22.9 ✓	
4+0	of Paving		1.36	23.5 ✓	
TP	10.73	34.89	0.64	24.16	

3-6-32
Moore
Sinsay
Hattberg

75

34.89 34.9

4+50

℄

8' N = Edge Paving

5+70

℄

8' N = Edge Paving

5+60

℄

8' N = Edge Paving

6+70

℄

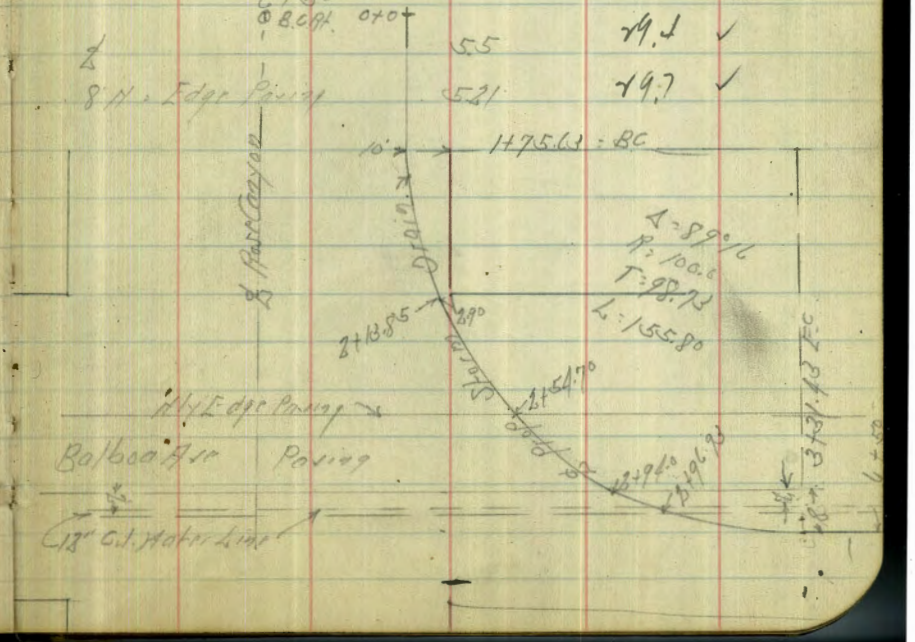
8' N = Edge Paving

7+50
℄ B.C. Rt. 0+0

℄

8' N = Edge Paving

	10.6	24.3 ✓
	10.04	24.9 ✓
	9.3	25.6 ✓
	8.86	26.0 ✓
	8.1	26.8 ✓
	7.66	27.2 ✓
	6.8	28.1 ✓
	6.41	28.5 ✓
	5.5	29.4 ✓
	5.21	29.7 ✓

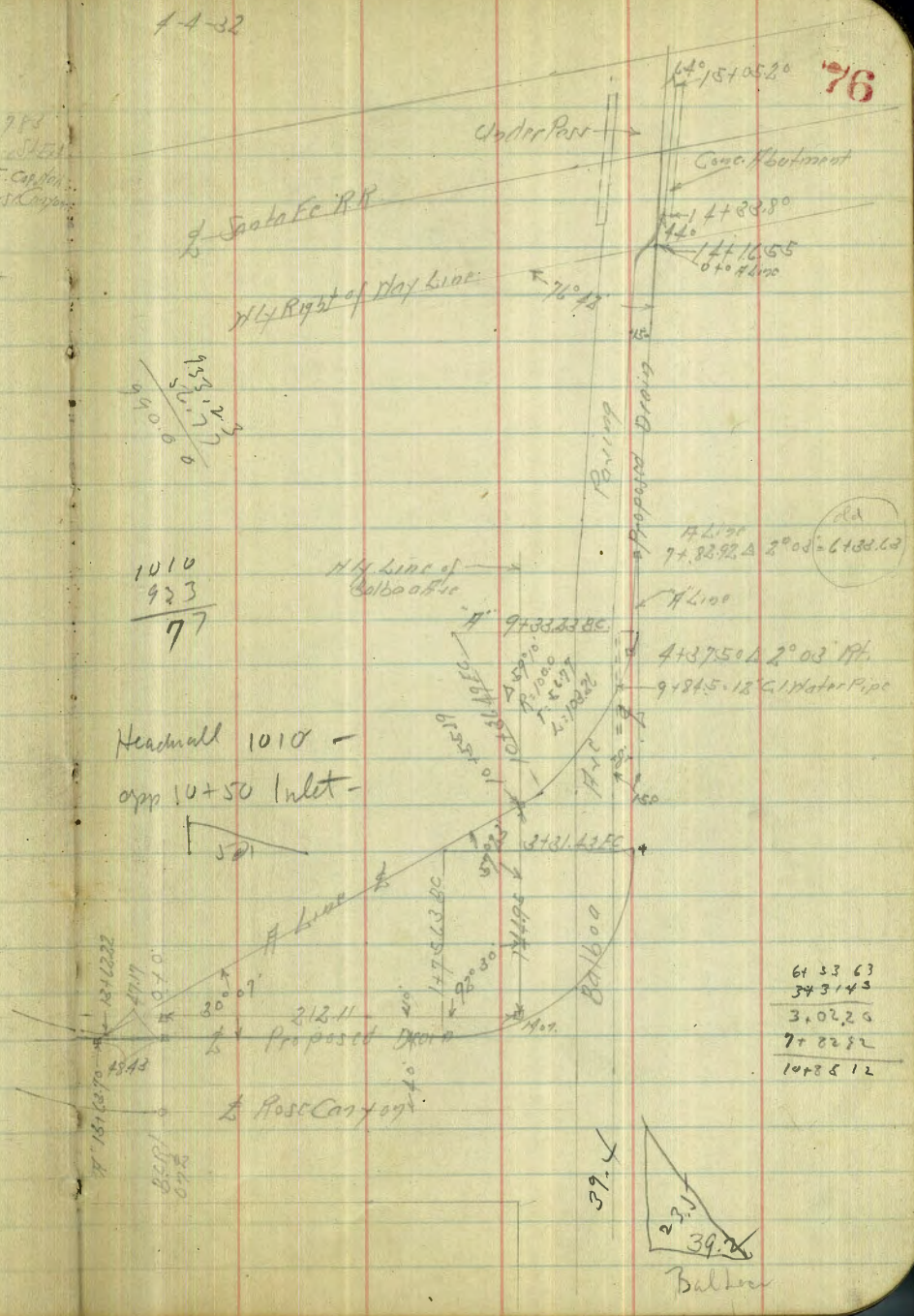


Proposed Storm Drain
Rose Canyon and Balboa Ave

BM	12.04	29.87		17.83
BM			10.09	19.78
		1+37.50 Δ Rt	29.9	
℄ on Stub			5.86	✓4.0 ✓
S Edge Paving			5.45	✓4.4 ✓
		5+0		
℄			5.0	✓4.9 ✓
S Edge Paving			3.89	✓6.0 ✓
		5+50		
℄			3.3	✓6.6 ✓
		6+0		
℄			1.9	✓8.0 ✓
S Edge Paving			1.44	✓8.5 ✓
		6+50		
℄			0.9	✓9.0 ✓
TP	9.84	39.56	0.15	29.72
		7+0 = ℄ Edge Dirt Dr.	39.6	
℄			8.7	30.9 ✓
15' N = Edge Paving			8.74	30.9 ✓
		7+35 = ℄ Edge Dirt Dr.		
℄			7.6	32.0 ✓
		7+50		
℄			7.7	31.9 ✓
		7+75		
℄			7.3	32.3 ✓

Δ 171+27.83 Atlantic St.
N 60° W N.E. Corner
Balboa Ave Rose Canyon

1-1-32



1010
933
77

61 33 63
34 31 43
3,02,20
7+82.82
10+85.12

8+0 = Rt Edge Dirt Drive			
	39.6		
℄	5.8	33.8	✓
15 N = Edge Paving	6.33	33.4	✓
8+35 = Lt Edge Dirt Drive			
℄	5.3	34.3	✓
8+50			
℄	5.7	33.9	✓
9+0			
℄	5.2	34.4	✓
S Edge Paving	3.80	35.8	✓
9+50			
℄	4.4	35.2	✓
10+0			
℄	3.4	36.2	✓
S Edge Paving	1.38	38.2	✓
TP 11.70 50.79	0.47	39.09	
10+50	50.8		
	13.3	37.5	✓
℄			
11+0			
℄	12.4	38.4	✓
S Edge Paving	10.20	40.6	✓
11+50			
℄	11.9	38.9	✓
12+0			
℄	11.2	39.6	✓
S Edge Paving	7.81	43.0	✓

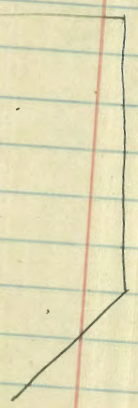
50.79

12+50	50.8		
	9.5	41.3	✓
℄			
13+0			
℄	7.9	42.9	✓
14'N S Edge Paving	5.39	45.4	✓
13+50			
℄	7.1	43.7	✓
18 N S Edge Paving	4.26	46.4	✓
13+85			
℄	7.0	43.8	✓
5 N S Edge Paving	4.28	46.5	✓
14+0			
℄	5.0	45.8	✓
2 N S Edge Paving	4.65	46.1	✓
7 N " "	4.42	46.4	✓
(Hail)	14+16.55 = Rt Rail of Hwy Sandfill		
℄ " Paving	4.83	46.0	✓
14+33.80			
4.4 S " Paving - N End of Conc. Abutment	4.71	46.0	✓

"A" Line Proposed Storm Drain
Rose Canyon And Balboa Ave

See Sketch Page 76

B.M.	11.85	31.63	19.78	Mon. N.E. Cor. Balboa Ave. Rose Cany.
	9+82.92 Δ	2°08'		
℄ on Stub		31.6		
		2.20	√8.4 ✓	
S Edge Paving		2.40	√9.7 ✓	
8+0				
℄		2.5	√8.1 ✓	
S Edge Paving		2.76	√8.9 ✓	
8+50				
℄		1.1	√7.7 ✓	
S Edge Paving		1.13	√7.5 ✓	
9+0				
℄		1.0	√5.6 ✓	
S Edge Paving		1.25	√6.3 ✓	
9+33.33 - 8C				
℄		1.8	√4.8 ✓	
S Edge Paving		1.64	√5.6 ✓	
9+50				
℄		1.1	√4.7 ✓	
13.5 N. S Edge Paving		1.45	√5.1 ✓	
9+75				
℄		1.4	√4.7 ✓	
6.5 N. S Edge Paving		1.00	√4.6 ✓	
9+86.5: ℄ 12" Cast Iron Water Line				
℄ on Top Pipe		0.75	√1.9 ✓	



31.63 31.6

9+875 = S Edge Paving

℄ of Paving 9.35 √4.7 ✓

10+0

℄ of Paving 9.54 √4.1 ✓

10+19 = N Edge Paving

℄ of Paving 7.87 √3.7 ✓

10+25

79 √3.7 ✓

℄

10+36.49 EC

6.9 √4.7 ✓

℄

10+55.19 = N.L. Balboa

6.6 √5.0 ✓

℄

11+0

7.7 √3.9 ✓

℄

11+50

9.2 √4.4 ✓

℄

12+0

10.3 √13 ✓

℄

12+50

12.1 19.5 ✓

℄

TP 4.48 2.487 11.24 20.39

13+0 24.9

6.8 18.1 ✓

℄

13+50

7.8 17.1 ✓

℄

13+42.22 24.9

℄ 8.5 16.4 ✓

20 N = East Edge Rose Cour. 5.90 19.0 ✓

Paving

IMPROVED TABLES

AND

INFORMATION

Table II—Continued
TRIGONOMETRIC FORMULAE (continued)

In any triangle:

Given a, b, C; to find c, B, A.

Use Law of Tangents.

Given A. B. c; to find a, b, C.

Use Law of Sines.

Given a, b, c; to find A, B, C.

$$\text{Let } \frac{a+b+c}{2} = s, \sqrt{\frac{(s-a)}{s}\frac{(s-b)}{s}\frac{(s-c)}{s}} = r$$

$$\cos \tfrac{1}{2} A = \sqrt{\frac{s(s-a)}{bc}}$$

$$\tan \tfrac{1}{2} A = \frac{r}{s-a}$$

$$\tan \tfrac{1}{2} B = \frac{r}{s-b}$$

$$\tan \tfrac{1}{2} C = \frac{r}{s-c}$$

Area of a triangle:

$$\text{Area} = \tfrac{1}{2} ab \sin C$$

$$\text{Area} = \sqrt{s(s-a)(s-b)(s-c)}$$

PRISMOIDAL FORMULA.

$$\text{Vol.} = \frac{h}{6}(B+b+4M)$$

h = altitude: b. B = bases; M = midsection

Table III
INCHES AND FRACTIONS OF AN INCH IN DECIMALS OF A FOOT

	0	1	2	3	4	5	6	7	8	9	10	11	
1/16	.0052	.0885	.1719	.2552	.3385	.4219	.5052	5885	.6719	.7552	.8385	9219	1/16
1/8	.0104	.0938	.1771	.2604	.3438	.4271	.5104	.5938	.6771	.7604	.8438	.9271	1/8
3/16	.0156	.0990	.1823	.2656	.3490	.4323	.5156	.5990	.6823	.7656	.8490	.9323	3/16
1/4	.0208	.1042	.1875	.2708	.3542	.4375	.5208	.6042	.6875	.7708	.8542	.9375	1/4
5/16	.0260	.1094	.1927	.2760	.3594	.4427	.5260	.6094	.6927	.7760	.8594	.9427	5/16
3/8	.0313	.1146	.1979	.2813	.3646	.4479	.5313	.6146	.6979	.7813	.8646	9479	3/8
7/16	.0365	.1198	.2031	.2865	.3698	.4531	.5365	.6198	.7031	.7865	.8698	.9531	7/16
1/2	.0417	.1250	.2083	.2917	.3750	.4583	.5417	.6250	.7083	.7917	.8750	.9583	1/2
9/16	.0469	.1302	.2135	.2969	.3803	.4635	.5469	.6302	.7135	.7969	.8802	.9635	9/16
5/8	.0521	.1354	.2188	.3021	.3854	.4688	.5521	.6354	.7188	.8021	.8854	9688	5/8
11/16	.0573	.1406	.2240	.3073	.3906	.4740	.5573	.6406	.7240	.8073	.8906	.9740	11/16
3/4	.0625	.1458	.2292	.3125	.3958	.4792	.5625	.6458	.7292	.8125	.8958	.9792	3/4
13/16	.0677	.1510	.2344	.3177	.4010	.4844	.5677	.6510	.7344	.8177	.9010	.9844	13/16
7/8	.0729	.1563	.2396	.3229	4063	.4896	.5729	.6563	.7396	.8229	.9063	9896	7/8
15/16	.0781	.1615	.2448	.3281	.4115	4948	.5781	.6615	.7448	.8281	.9115	.9948	15/16
1	.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167	1.000	1
	0	1	2	3	4	5	6	7	8	9	10	11	

Table IV
USEFUL RELATIONS

Lineal feet	×.00019	= miles
Lineal yards	×.0006	= miles
Square inches	×.007	= square feet
Square feet	×.111	= square yards
Square yards	×.0002067	= acres
Acres	×4840	= square yards
Cubic inches	×.00058	= cubic feet
Cubic feet	×.03704	= cubic yards
Links	×.22	= yards
Links	×.66	= feet
Feet	×1.5	= links

360° = 21600′ = 1296000″

Radius = arc of 57.2957790°

Arc of 1° (radius = 1) = .017453292

Arc of 1′ (radius = 1) = .000290888

Arc of 1″ (radius = 1) = .000004848

$\pi = 3.141592654$ $\qquad \sqrt{\frac{1}{\pi}} = 0.564190$

$\frac{\pi}{4} = 0.785398163$ $\qquad \sqrt[3]{\frac{6}{\pi}} = 1.240700982$

$\frac{\pi}{6} = 0.523598776$ $\qquad \pi^2 = 9.869604401$

$\sqrt{\frac{4}{\pi}} = 1.128379167$ $\qquad \frac{1}{\pi^2} = 0.101321184$

$\frac{\pi}{6} = 0.523598776$ $\qquad \sqrt{\pi} = 1.772453851$

$\frac{4.\pi}{3} = 4.188790205$ $\qquad \frac{1}{\pi} = 0.3183099$

Curvature of Earth's surface = about 0.7 feet in 1 mile

Curvature in feet = 0.667 (Dist. in miles)²

Difference between arc and chord length, 0.05 feet in 11½ miles

Probable error of a single observation = $0.6754\sqrt{\frac{Mv^2}{n-1}}$

Error in chaining of 0.01 feet in 100 feet:

Due to—

1. Length of tape error of 0.01 feet
2. Alignment. One end 1.4 feet out of line
3. Sag of tape at centre of 0.61 feet.
4. Temperature difference of 15°
5. Difference of pull of 15 lbs.

STADIA REDUCTION FORMULÆ.

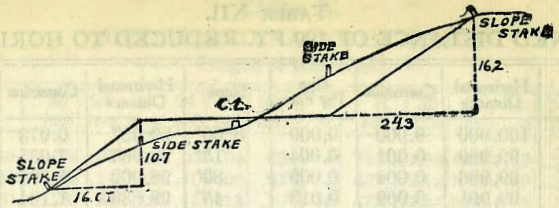
Horizontal Distance = $R - R \sin^2 a + C \cos a$

Vertical Distance = $R \tfrac{1}{2} \sin 2a + C \sin a$

$$R = \text{Reading} \times \frac{\text{distance from Object glass to cross hairs}}{\text{distance between cross hairs}}$$

C = distance from Object glass to cross hairs + distance from Object glass to center of instrument.

a = angle of elevation for mid Reading



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0 00	0 15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1 65	1 80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3 45	3.60	3 75	3.90	4.05	4.20	4 35	2
3	4.50	4 65	4.80	4.95	5 10	5 25	5 40	5.55	5.70	5.85	3
4	6.00	6 15	6.30	6.45	6.60	6 75	6.90	7.05	7.20	7.35	4
5	7 50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9 00	9 15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10 65	10.80	10.95	11.10	11.25	11.40	11.55	11 70	11.85	7
8	12.00	12 15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13 50	13 65	13 80	13 95	14.10	14.25	14.40	14 55	14.70	14.85	9
10	15.00	15 15	15 30	15 45	15.60	15.75	15.90	16.05	16.20	16 35	10
11	16 50	16 65	16 80	16.95	17 10	17.25	17.40	17.55	17.70	17.85	11
12	18 00	18 15	18.30	18 45	18.60	18 75	18.90	19.05	19.20	19 35	12
13	19 50	19 65	19.80	19.95	20.10	20.25	20 40	20.55	20.70	20.85	13
14	21.00	21 15	21.30	21.45	21 60	21.75	21.90	22 05	22 20	22 35	14
15	22 50	22 65	22 80	22 95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24 15	24 30	24 45	24.60	24.75	24 90	25 05	25.20	25.35	16
17	25.50	25 65	25.80	25 95	26.10	26 25	26 40	26.55	26.70	26.85	17
18	27.00	27 15	27.30	27 45	27.60	27.75	27.90	28.05	28 20	28.35	18
19	28 50	28 65	28 80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30 00	30 15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31 50	31 65	31.80	31.95	32 10	32 25	32.40	32.55	32 70	32 85	21
22	33 00	33 15	33 30	33 45	33.60	33 75	33.90	34.05	34.20	34.35	22
23	34 50	34 65	34.80	34.95	35.10	35 25	35 40	35.55	35.70	35 85	23
24	36.00	36 15	36.30	36 45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37 80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39 00	39 15	39.30	39 45	39 60	39.75	39.90	40.05	40.20	40.35	26
27	40 50	40 65	40 80	40.95	41.10	41.25	41 40	41.55	41.70	41.85	27
28	42 00	42 15	42.30	42.45	42.60	42 75	42.90	43.05	43.20	43.35	28
29	43 50	43 65	43.80	43 95	44.10	44 25	44 40	44.55	44.70	44 85	29
30	45 00	45 15	45.30	45 45	45.60	45.75	45.90	46.05	46 20	46.35	30
31	46.50	46.65	46.80	46 95	47.10	47 25	47.40	47.55	47.70	47.85	31
32	48 00	48.15	48.30	48 45	48.60	48 75	48.90	49.05	49 20	49.35	32
33	49 50	49 65	49.80	49.95	50.10	50.25	50.40	50.55	50 70	50.85	33
34	51 00	51.15	51.30	51.45	51.60	51 75	51.90	52.05	52.20	52.35	34
35	52 50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54 00	54 15	54.30	54 45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55 50	55 65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57 00	57.15	57.30	57 45	57.60	57 75	57.90	58.05	58.20	58 35	38
39	58 50	58.65	58 80	58.95	59.10	59 25	59.40	59 55	59.70	59.85	39
40	60 00	60 15	60 30	60 45	60 60	60.75	60 90	61.05	61 20	61.35	40
41	61.50	61 65	61 80	61 95	62 10	62 25	62.40	62 55	62 70	62.85	41
42	63 00	63.15	63 30	63 45	63 60	63 75	63 90	64 05	64 20	64.35	42
43	64.50	64 65	64 80	64.95	65.10	65 25	65 40	65.55	65.70	65.85	43
44	66 00	66 15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67 50	67 65	67 80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69 00	69 15	69 30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70 50	70 65	70 80	70 95	71.10	71.25	71 40	71.55	71.70	71.85	47
48	72.00	72 15	72.30	72.45	72.60	72.75	72.90	73 05	73.20	73 35	48
49	73 50	73 65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Computed by L. Leland Locke.

100
680
10680
270
10410
474
10884
363
10521
413
10934
5.88
103.46

100
215
102.15
403
98.12
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99.49
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105 81
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103 41

10.00
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177.65
8°10'

177.61
48
177.17

296.49
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303.91
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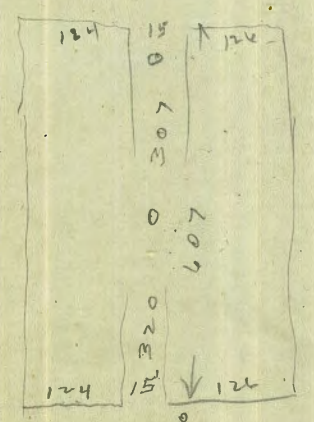

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199.68
7
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147.68
3
144.68

Orange