Our Leather Bound Engineers Note Books are carried in the following rulings:

No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.

No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.

No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.

No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

In ordering Fabri-Hide covered books, add the letter *"F"* to catalog number.

Topog. for Tank site in PL # 77	1-
Levels for Tank El Cerrito Hts	7
Topog of Marlborough Ave	8
" " Lexington Ave.	19
X Sec. COUTS - Calif. to Middletown line	40
" " WELLER - Couts to Witherby	43
" " JACKDAW - Hunter to Fremont	46
" 9th St. 10th to Robinson	50
Goldfinch Barr Ave South	57
" Alley Blk 67 Park Villas Univ-Wightman	67
" " " " 14 Mission	70
Copy of Coast Blvd.	73

Two mildew stains 6/30/70 AHH

10101-B

126-V

3440-B

9962-B

FB 1360 ✓
886
2212 -36

1388-78 ✓
1356-73

Topog. for Tank site in PL # 77	1-
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" 9th St. 10th to Robinson	50
Goldfinch Barr Ave South	57
" " Alley Blk 67 Park Villas Univ-Nightman	67
" " " " 14 Mission	70
Copy of Coast Blvd.	73

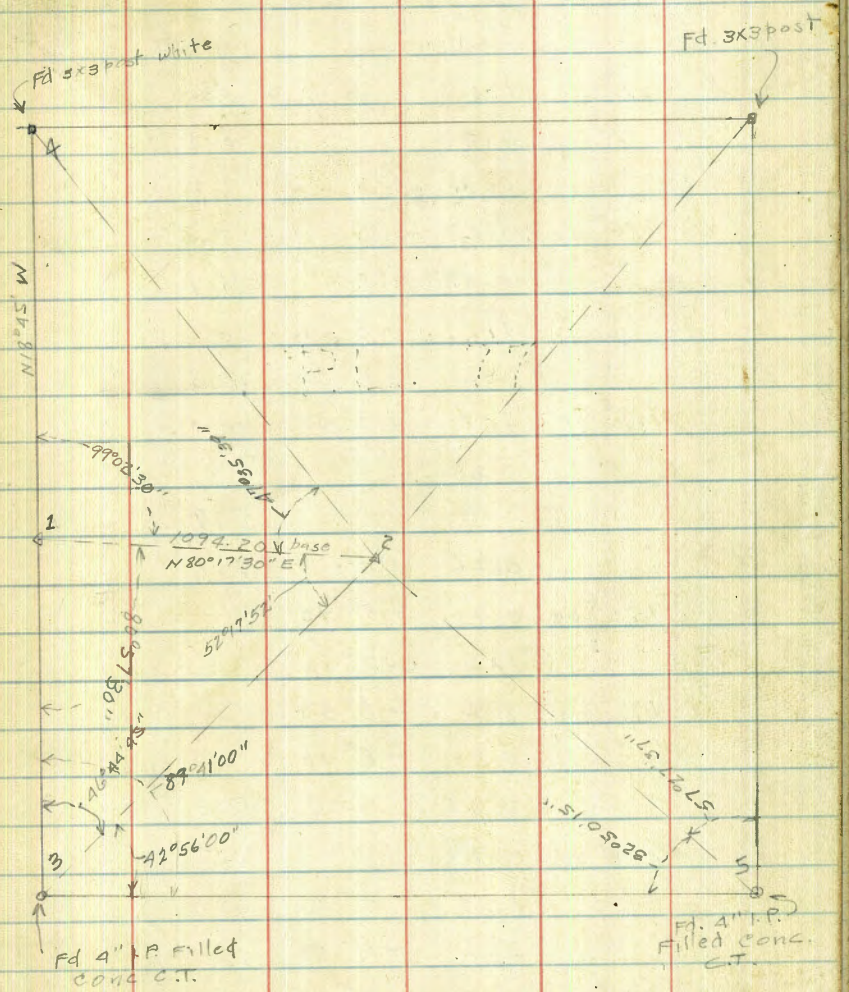
Tie in buildings 69 6/20/62 WH

Elevs of points for Topog

				City	S.C
Upper bolt head blow-out Valve Plume #36 (water Line)					
BM #33	13.08	260.01		246.93	257.60
T.P.	13 05	272.60	0.46	259 55	
T.P	12 93	285.50	0.03	272.57	
T.P	13.09	298.56	0.03	285.47	
T.P	13 09	311.64	0.01	298.55	
T.P.	12 78	324.42	0.00	311 64	
T.P.	13 13	337.55	0.00	324 42	
T.P.	12.77	350.24	0.08	337.47	
T.P	12 88	363.07	0.05	350.19	
T.P	12 75	375.78	0 04	363 03	
T.P.	13.08	388.80	0.06	375 72	
T.P	12 88	401.65	0 03	388.77	
B.M. #1	12 60	413 .76	0 49	401 16	
T.P.	9 25	422.84	0.17	413 59	
B.M. #2			2 97	419.87	
B.M. #1	7 97	409.13		401 16	
BM #3			1 60	407.53	
BM #1	8.54	409.70		401.16	
Sta. #2			2.51	407.19	
BM #3	13.0	420.5		407.53	
	13.0	433.5	0.0	420.5	
	9.0	442.5	0.4	433.1	
"D"			4.5	438.0	

Topog For Tank Site.

1



Topog For Tank Site in P.L. #77

4115129 Loudon.

0°00' = South. 90° = West etc.

Sta	93	Stadia	Vert L	Rod	H.I	Diff	El.	Hor Dist		
Inst at Δ1 Ht Inst = 5.2		Oriented on W.L. P.L. #77								
"A"	209°02'	2.96	+2°40'						Sta "A" is B.M. #2	
Ht Inst = 5.3		2.97	-2°59'							
Inst at A oriented on Δ1							419.87			
1.	21°25'	1.50		13.0						
	"	0.80		8.3						
	"	0.32		7.2						
	70°00'	0.25		7.6						
	"	0.67		11.1						
	"	110	-8°14'							
	"	1.32	-8°30'	UP 3						
	110°00'	103	-7°30'	UP 3						
	"	0.88	-7°13							
	"	0.54		7.9						
	"	0.26		7.6						
	155°00'	0.93	-5°40'							
	"	120	-7°10'							
	191°00'	112	-8°55							
	"	0.83	-6°40							
	"	0.25		7.5						
	238°00'	0.63		9.7						
	"	135	-4°00'							
	"	252	-4°50							
	252°00'	265	-3°12'							
	"	232	-2°12'							
	"	145		9.8						
	"	0.76		8.1						

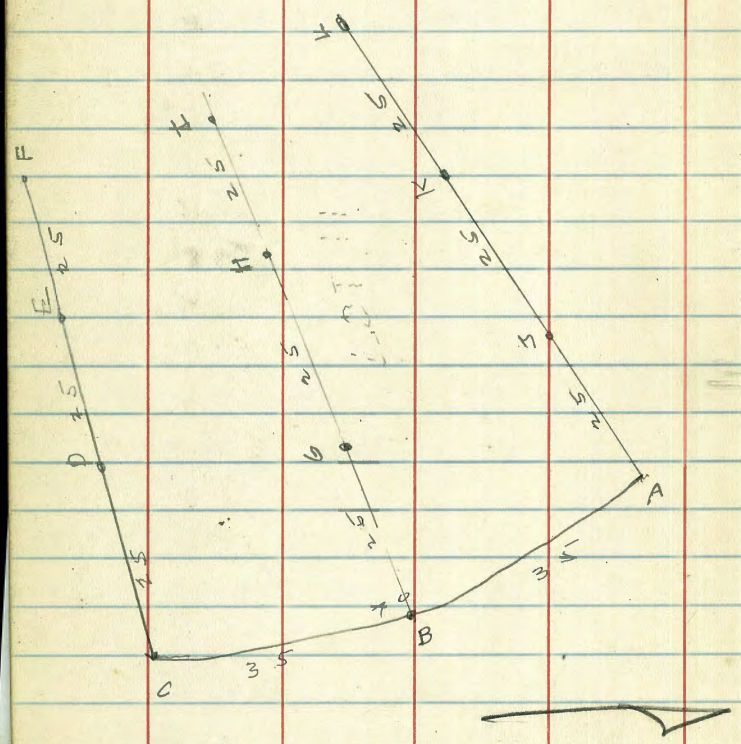
Sta	AZ	Stadia	Vert ∠	Rod	H.I.	Diff	El
1	273° 00'	0.57		6.2			
	"	117		8.7			
	"	162		9.3			
	"	220		7.4			
	"	292		11.5			
	"	382	-1° 40'				
	288° 00'	405	-1° 57'				
	"	350	-2° 00'				
	"	260	-1° 53'				
	"	153		11.5			
	"	100		8.7			
	"	0.62		7.5			
	304° 00'	0.50		7.1			
	"	110		11.7			
	"	182	-3° 49'				
	"	254	-3° 46'				
	"	315	-3° 55'				
	"	365	-4° 25'				
	"	385	-4° 16'				
	"	440	-4° 28	up 4			
	"	465	-4° 22'	up 3			
	"	540	-2° 09'				
	317° 02'	610	-5° 17	up 5			
	316° 13'	380	-5° 10'	up 9			
	318° 27	232	-5° 35'	up 5			

Sta	AZ	Stadia	vert ∠	Rod	H.I	Diff.	El.	El.
	318°27	146	-4°25					
	"	0.79		9.4				
	340°	1.70	-5°12					
	"	0.98		11.1				
	5°	0.72		8.1				
	"	2.68	-3°53'					
Ht. Inst = 5.3								
Inst at Δ sta. #2 oriented on Δ 1							407.19	407.19
	0°0'	0.59		9.5				
	"	1.35	-7°48'					
	"	1.90	-7°45'	up 4.0				
	332°	3.25	-5°10'	up 10.0				
	"	2.33	-4°46'					
	320°	1.43		11.1				
	"	2.50	-3°55'					
	"	3.00	-3°43'	up 5.0				
	268°50'	2.82		8.5				
	272°18'	1.85		7.7				
	230°47'	0.58		4.6				
	110°50'	0.80		6.3				
	109°25'	2.74	+0°35'					
	96°50'	3.50	+1°13'	up 7.0				
	77°20'	4.40		8.7				
	42°40'	4.12		12.2				
	"	2.54	-6.10	up 6.0				
	"	0.49		8.0				

Sta.	AZ	Stadia	Vert'l	Rod	
"B"	267°29'	3.63	-1°28'		
HA Inst = 5.2		3.68	+1°30'		
Inst at B oriented on A2					
	232°42'	1.58	-16°40'	xp 3.0	otay pipeline Blow off Valve
	206°	1.50	-16°10'		
	142°29'	9.95	-9°24'		sweetwater road
	120°12'	9.00	-8°40'		
	134°21'	5.40	-8°35'		
	160°21'	7.60	-11°39'		Sweetwater Road
	164°44'	2.38	-27°03'		
	187°10'	5.02	-17°57'		Pipeline South end Trestle
	184°00	6.00	-14°32'		
	217°51'	7.20	-11°35		Sweetwater road
	234°31'	5.80	-15°00'		
	263°41'	6.40	-12°10'		
	284°43'	5.60	-12°28'		
	291°20'	6.40	-10°20'		
	323°44'	8.30	-.2°40'		otay pipe line
	331°12'	4.22	-7°10'		
	317°42'	4.85	-5°30'		
	"	4.00	-9°28'		
	319°56'	2.58	-12°10'		
"C"	17°55'	1.18		4.9	
H. Inst. 5.1		1.18			
Inst. at C oriented on B					
	52°37'	1.96	-2°40'		
	25°58'	3.06	-9°14'		

Sta.	Az	Stadia	Vert ∠	Rod	H.I	Diff	El
"C"	9°45'	4.40	-8°55'				
	327°20'	5.20	-4°46'				
	"	6.45	-4°40'				
	322°30'	7.80	-2°30'				
Inst at △5 oriented on △3 ag 250°56'							
"D"	146°43'	5.32	+0°40'				
H.I Inst = 5.2							
Inst at "D" oriented on △5							438.0
	85°	0.30		10.0			
	270°16'	1.04		2.2			
	257°47'	2.36	+0°54'				
	276°	2.80	+1°24'				
	301°45'	3.35		5.9			
	291°10'	1.64		2.2			
	317°05	0.68		8.9			
	336°	0.36		13.5			
	247°20'	0.19		4.1			
	161°20'	1.14	-24°55'	up 5.0			
	225°27'	2.80	-10°30'				
	312°17'	2.70	-4°22'				
H. Inst 5.0 Inst. at △5 oriented on "D"							
△5	139°01'	245	-17°50'				
	121°37'	3.22	-17°04'				
	112°34'	6.10	-11°27'				
	109°45'	7.30	-10°12'				

Sta.	Az	Stadia	Vert. ∠	Rod
"△" 5"	118°05'	7.10	-8°30'	
	130°42'	6.15	- 5°10'	
	146°43'	5.32	+0°40'	



Levels for Tank El Cerrito Hts. 7

4/17/29.
Loudon

B.M.	12.79	470.22		457.43
T.P.	8.79	478.72	0.29	469.93
T.P.	0.32	471.19	7.85	470.87
NW B.P. 5" ± El Cajon. B.M.			4.82	466.37
Hub Lots-2-3 B.M.	6.57	471.17	6.59	464.60
B.M.	4.13	468.57	6.73	464.44
A			4.2	464
B			4.6	64.0
C			5.8	67.8
D			5.6	63.0
E			7.2	61.4
F			10.8	57.8
G			5.4	63.2
H			8.7	59.9
I			13.2	55.4
J			5.1	63.5
K			8.7	59.9
L			13.1	55.5

NW B.P. El Cajon ± El Cerrito.

760 +0°50

5-1-29
mills

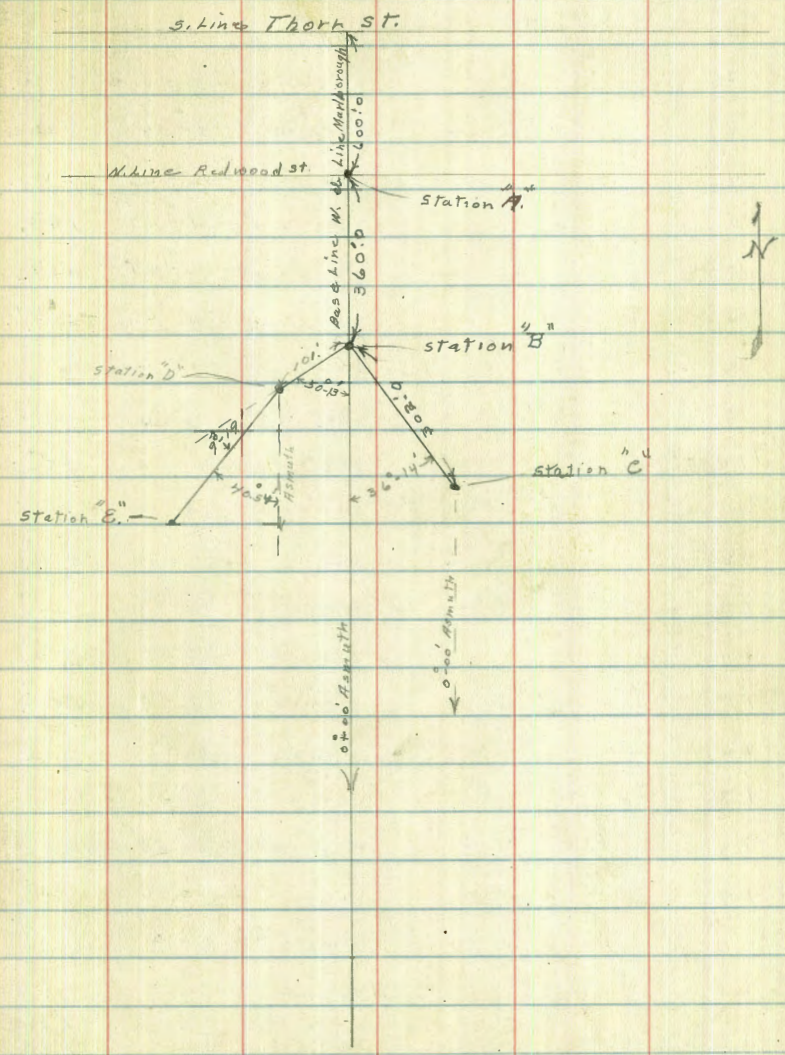
Topog- foot of Marlboro-

		301.82
	3.8	0.68
	292.4	302.50
	296.2	10.12
		292.38
		0.31
		292.69
		12.79
		279.90
		0.01
7.0		279.91
261.6		12.98
T.P		266.93
		1.71
		268.64
		7.04
		261.60
		5.00
		266.60
		8.45
		258.15
		4.85
		263.00
T.P		266.93
		0.60
		267.53
		12.93
		254.60
		0.06
		254.66
		12.94
		241.72
		2.15
		243.87
	8.9	
	235.0	

Lexington St Canyon

8

B. M. N.W. Thorn & Marlboro-



Marlborough Topog

station	Elev. ground at instrument	H.I.	Asmuth	Vert ∠	Distance		Difference	El.	Corrected Dis.
"A" Page 8.	291.2	296.2							
#1			64°40'	-5.33	30'		2.9	288.3	30
2			83°-40	+5-55	110'		11.3	302.5	110
3			30°-00'	-1°-08'	192'		3.8	287.4	192
4			15°-00	-2°-26'	250'	up 5'	10.6	275.6	248
5			00-00	-4°-47'	148'		12.3	278.8	148
6			345°-20'	-8°-09'	86'		12.1	279.1	84
7			297°.20'	-9°-54'	27'		4.6	286.6	26
8			290°-40'	-7°-44'	74'		9.9	281.3	73
9			290°-40'	-10°-28'	56'		10.0	281.2	54
#10			312°-00'	-16°-43'	52'	up 8'	14.3	268.9	48
11			318°-40'	-14°-15'	112'	up 5'	26.7	259.5	105
12			346°-40'	-7°-44'	306'	up 8'	40.7	243.5	300
13			334°-20'	-4°-32'	322'	up 5'	25.3	260.9	319
14			332°-00'	-4°45'	248'		20.5	270.7	245
15			326°-20'	-3°-39'	256'		16.7	275.0	254
16			314°-00'	-4°-26'	150'		11.6	279.6	149
17			287°-40'	-4°-43'	120'		9.8	281.4	120
18			288°-00'	-8°-53'	100'	up 5'	15.2	271.0	98
19			291°-20'	-1°-56'	254'		8.6	282.6	254
#20			294°.20'	-2°-43'	360'	up 5'	17.0	269.2	360
21			308°-20'	-3°-15'	322'		18.2	273.0	320.
22			311°-40'	-2°-57'	266'		13.7	277.5	265
#23.			326°-00'	-3°-59'	350'	up 10'	24.4	266.8	348
24			357°.20'	-4°-00'	300'	up 5'	20.9	268.3	298

Marlborough Topog

Station	Elev ground at Gun	H.I.	Asmuth	Vert ∠	Distance		Difference	EL	Correct Dist.
" " B Page 8	261.6	266.6							
1			115°-20'	+5°-49'	66'		6.7	268.3	66
2			106°-20'	+3°-53'	106'	up 7'	7.2	261.8	106
3			61°-20'	-0°-23'	100'	up 5'	0.7	255.9	100
4			34°-20'	-4°-59'	72'		6.2	255.4	72
5			31°-20'	-4°-30'	156'	up 5'	12.2	244.4	155'
6			7°-20'	-5°-33'	122'	up 5'	11.7	244.9	121
7			345°-00	-6°-05'	112'	up 7'	11.8	2428	111
8			300°00'	-5°-03'	88'		12.2	249.4	87
9			310°-00'	-8°-52'	40'		6.0	255.6	40
10			254°-00'	-5°-53'	42'		4.3	257.3	42
11			43°-20'	-4°-45'	340'	up 5'	28.1	228.5'	338
12			42°-20'	-1°-14'	248'		5.3	256.3	248
13			66°-00'	+0°-34'	316'		3.1	2647	316
14			79°-40'	+2°-47'	340'		16.4	278.0	340
15			79°-40'	+2°-00'	274'		9.5'	271.1	274
16			79°-40'	-0°-23'	226'		1.5'	260.1	226
17			268°-20'	+2°-34'	572'		25.6	2872	571
18			263°-20'	+1°-43'	538'		16.1	277.7	538
19			258°-20'	-1°-29'	480'		12.2	249.4	480
20			259°-20'	-0°-23'	408'		2.7	258.9	408
21			264°-40'	-3°-28'	380'		23.0	238.6	380
22			268°20'	-5°-10'	336'		30.2	231.4	334
23			276°-20'	-2°-17'	374'	up 5'	14.8	241.8	374
24			284°-40'	-2°-42'	314'		14.8	246.8	314

Marlborough Topog

Station	Elev ground at Gun	H.I.	Azimuth	Vert ∠	Dist.		Difference	El.	Corrected Distance
" " B Page 8	261.4	266.6							
"									
25			281°-20'	-6°-08'	282'		29.9	236.7	278
26			291°-20'	-7°-10'	254'		31.5	230.1	
27			300°-0'	-4°-0'	270'		18.8	242.8	
28			309°-0'	-4°-10'	288'		20.8	240.8	
29			312°-40'	-7°-04'	288'		31.1	226.5	
30			299°-40'	+0°-49'	328'		4.7	266.3	
31			303°-20'	+1°-17'	368'		8.3	269.9	
32			297°-00'	+1°-50'	404'		12.9	274.5	
33			306°-20'	+1°-51'	426'		13.8	275.4	
34			312°-00'	+1°-35'	492'		13.6	275.2	
35			315°-20'	+2°-11'	538'		20.4	282.0	
36			319°-40'	+2°-15'	600'		23.6	285.2	
37			319°-20'	+1°-50'	504'	up 5'	19.0	276.6	
38			318°-00'	-0°-10'	474'		1.4	260.4	
39			313°-40'	-1°-57'	376'	up 5'	12.8	243.8	
40			307°-00'	+0°-57'	402'		7.3	268.1	
41			299°-20'	+2°-02'	496'		17.5	279.1	
42			291°-00'	+1°-45'	546'		16.6	278.2	
43			291°-00'	+1°-28'	472'		12.0	273.6	
44			294°-40'	+1°-38'	400'		11.2	272.8	
45			288°-20'	+0°-39'	396'		4.5	266.1	
46			287°-40'	-0°-18'	332'		1.7	259.9	
47			282°-40'	-0°-20'	368'		2.1	259.3	
48			277°-40	-1°-12'	400'	up 5'	8.4	248.2	

Station	Elev Ground of Gun	H.I.	Asmuth	Vert.	Dist		Difference	El.	corrected Dist.
"B" Page 8	261.6	266.6							
49			284°-20'	-0°-09'	488'	up 10	1.3	250.3	
50			286°-40'	+0°-23'	500'	up 5	3.3	259.9	
51			287°-40'	+1°-05'	544'	up 5	10.3	266.9	
52			286°-00'	+1°-58'	568'		19.5	281.1	
53			281°-40'	+2°-03'	532'		19.0	280.6	
54			284°-40'	+1°-17'	526'		11.8	273.4	
55			279°-40'	+1°-37	486'		13.7	275.3	
56			274°-20'	+1°-35	478'		13.2	274.8	
57			272°-20'	+0°-25'	438'		3.2	264.8	
58			271°-40'	-1°-05'	410'		7.7	253.9	
59			266°-40'	-0°-39'	434'		4.9	256.7	
60			268°-40'	+0°-43'	462'		5.8	267.4	
61			270°-40'	+1°-51'	506'		16.4	278.0	
62			274°-40'	+2°-20'	524'		21.4	283.0	
63			276°-40'	+2°-43'	566'		26.1	288.3	
64			331°-40'	+3°-45'	530'	up 5	34.6	291.2	
65			340°-40'	+3°-47'	498'		32.7	284.3	
66			331°-00'	+3°-21'	466'		37.2	298.8	
67			321°-40'	+2°-11'	574'		21.8	283.4	
68			325°-20'	+2°-15	460'		18.0	279.6	
69			"	+2°-15'	404'		15.9	277.5	
70			332°-00'	+3°-30'	396'		24.1	287.7	
71			336°-20'	+2°-47'	310'		15.0	276.6	
72			327°-20'	+1°-41'	340'		10.0	271.6	

Station "B" Page 8	El. Ground at Gun. 261.6	HI 266.6	Azmuth	Vert.	Dist		Difference El.	El.
73			319°-40'	+0°-03'	358'		0.3	261.9
74			321°-20'	-1°-41'	300'		8.8	252.8
75			327°-40'	+0°-55'	320'		5.1	266.7
76			335°-20'	0°+00'	318'		0.0	261.6
77			343°-40'	-1°-29'	302'		7.8	253.8
78			355°-00'	-2°-31'	300'		13.2	248.4
79			351°-40'	+1°-06'	340'		6.5	268.1
80			350°-40'	+3°-39'	398'		25.4	287.0
81			344°-40'	+3°55'	400'		27.2	288.8
82			342°-40'	+2°-41'	343'		16.0	277.6
83			345°-00'	+4°-08'	438'		31.5	293.1
84			338°-40'	+3°-56'	452'		30.9	292.5
85			356°-40	+4°-12'	480'		31.4	293.0
86			1°-20	+4°-00'	498'		34.7	296.3
87			4°-20'	+3°-40'	448'		28.6	290.2
88			6°-20'	+3°-14'	434'		24.5	286.1
89			10°-40'	-0°-18'	396'		2.1	259.5
90			16°-00'	-8-57'	420'	up 5	7.0	249.6
91			21°-20'	-2°-39'	446'		20.6	246.0
92			28°-20'	-1°-10'	520'		10.6	251.0
93			25°-00'	+1°-31'	546'		14.4	276.0
94			20°-20'	+2°-35'	610'		27.5'	289.1
95			17°-00'	+3°-13'	540'		30.2	291.8
96			11°-00'	+3°-30'	496'		30.3	291.9

Station	El. Ground at Gun	H.I	Azmuth	Vert. ∠	Dist.		Difference	EL
"C" Page 8	258.00	263.00						
#1			97°-40'	-19°-30'	80'		25.1	232.9
2			90°-40'	-12°-30'	156'		32.4	225.6
3			86°-00'	-9°-55'	222'		37.6	220.4
4			80°-00'	-6°-36'	290'	5 up	33.1	219.9
5			89°-40'	-8°-03'	300'		41.6	216.4
6			94°-40'	-7°-39'	300'		34.6	218.4
7			106°-00'	-10°-39'	216'		39.5	218.5
8			123°-00'	-15°-18'	150'		38.2	219.8
9			134°-20'	-11°-29'	170'		33.1	224.9
#10			149°-20'	-14°-08'	136'		32.5	225.5
11			171°-40'	-10°-52'	160'		39.5	218.5
12			162°-00'	-7°-17'	204'		25.7	232.3
13			"	-3°-10'	272'	up 5'	15.0	238.0
14			173°-40'	-12°-16'	216'		44.8	213.2
15			182°-20'	-9°-57'	188'		31.9	226.1
16			193°-40'	-6°-20'	246'		27.0	231.0
17			191°-40'	-5°-51'	280'		28.4	229.6
18			197°-20'	-3°-24'	360'		21.4	236.6
19			203°-40'	-4°-20'	342'		25.7	232.3
#20			205°-20'	-2°-46'	440'		21.2	236.8
21			214°-20'	-2°-17'	434'	up 5'	17.2	235.8
22			212°-40'	-2°-40'	339'	up 10'	16.8	23 27
23			205°-00'	-4°-48'	260'	up 5'	21.7	231.3
24.			197°-40'	-8°-56'	168'	up 5'	21.8	236.2

Station	El. Ground at. X.	H.I	Azmuth	Vert.	Dist		Difference	El.	correct Dist.
"C" Page 8	258.00	263.00							
# 25			189°-40'	- 3°-40	134'		8.6	249.4	
26			198°-00'	-18°-27'	86'		25.7	232.3	
27			157°-20'	- 21°-34'	96'		32.8	225.2	
28			"	Same El. as above	30' Less than above.			225.2	66'
29			127°-00	-19°-40'	120'		38.0	220.0	
#30			120°-20'	-20°-41'	88'	Up 5'	29.2	228.8	
31			104°-40'	- 11°-18'	132'		25.4	237.6	
" D " Page 8	256.2	261.2							
1			135°-50'	- 5°-30'	202'		19.2	237.0	
2			130°-25'	- 7°-51'	164'		22.3	233.9	
3			135°-26'	- 6°-04'	158'	Up 5'	16.8	234.4	
4			131°-40'	-8°-43'	120'	Up 7'	18.0	231.2	
5			113°-03'	-13°-33'	90'	Up 7'	20.5	228.7	
6			66°-30'	-21°-42'	90'		30.8	225.4	
7			39°-00'	-16°-57'	120'		33.5	222.7	
8			24°-42'	- 11°-11'	156'	Up 5'	29.5	221.7	
9			34°-14'	-10°-29'	182'	Up 5'	32.5	218.7	
10									
"E" Page 8	235.0	240.0							
1			150°-47'	+12°-13'	50'		10.4	245.4	
2			136°-21'	+13°-06'	112'		24.5	259.5	
3			109°-21'	+ 7°-39'	146'		18.2	253.2	
4			85°-31'	- 0°-53'	176		2.0	237.5	

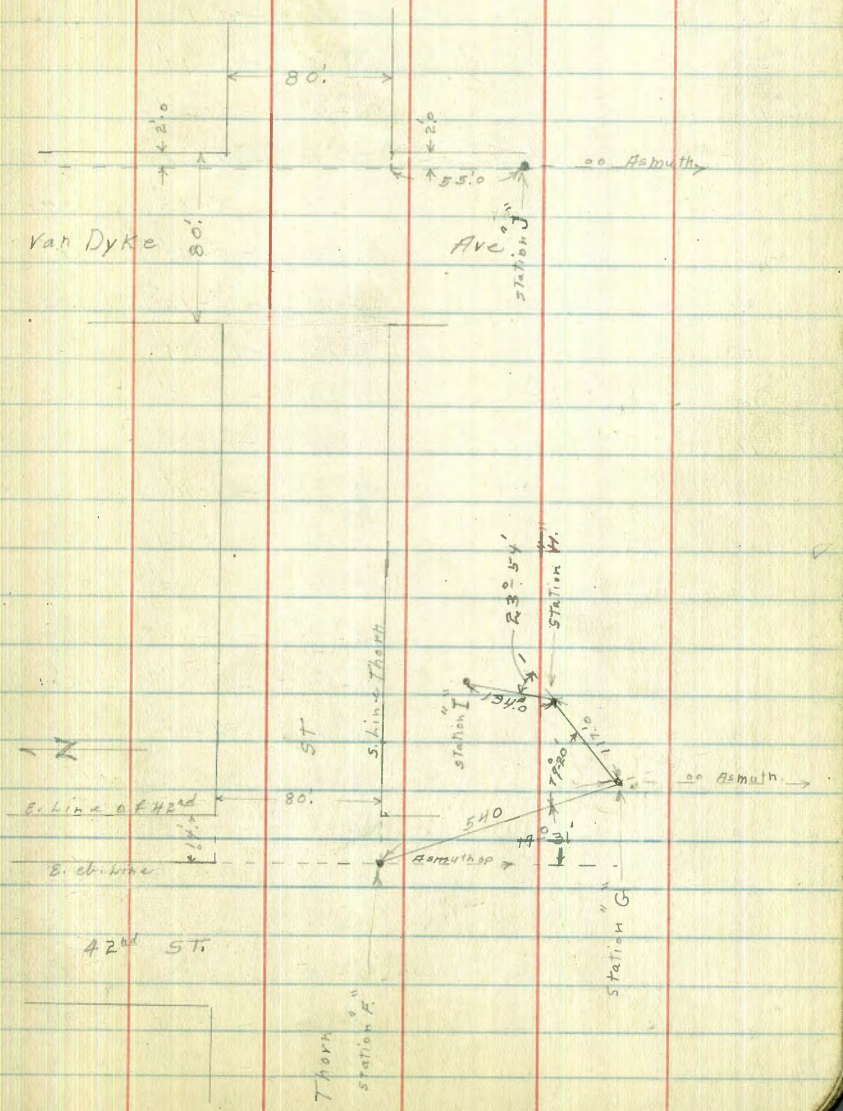
Station E	Ground El 235.0	H.I. 240.0	Azimuth	Vert	Dist.		Difference	El.
5			91°-43'	+1°-43'	180'		5.4	240.4
6			99°-42'	+5°-43'	208'		20.6	253.6
7			96°-39'	+5°-13'	274'	2 up	24.8	257.8
8			Same	—	314'			10' Below Sec. # 7 249.8
9			90°-55'	+3°-45'	336'		22.0	257.0
10			97°-00'	+0°-30'	96'		0.8	235.8
11			80°-05'	+2°-45'	398'		19.1	254.1
12			51°-35'	-13°-12'	402'		22.6	212.4
13			76°-12'	+1°-47'	446'		13.8	248.8
14			71°-46'	-5°-51'	170'	up 7	17.3	210.7
15			64°-27'	-0°-43'	436'		5.5'	229.5'
16			71°-39'	-5°-39'	234'		24.3	210.7
17			68°-00'	-0°-41'	356'		4.2	230.8
18			70°-53'	-4°-02'	264'		18.6	216.4
19			77°-50'	+1°-26'	356'		8.9	243.9
20			70°-20'	-1°-46'	290'		9.0	226.0
21			85°-15'	+1°-30'	312'		8.2	243.2
22			81°-53'	-0°-13'	264	up 10'	1.0	224.0
23			82°-00'	+0°-05'	242		0.4	235.4
24			64°-25'	-2°-04'	316'		11.4	223.6
25			63°-20'	-4°-48'	280'		23.3	211.7
26			61°-23'	-6°-07'	278'		29.5'	200.5'
27			66°-38'	-5°-58'	290'		30.0	205.0
28			48°-51'	-5°-59	318'		33.0	202.0
29			58°-43'	-3°-53'	366'	up 5	24.7	205.3

Station E	El. Ground 2350	H.I 240.0	Azimuth	Vert.	Dist.		Diff.	El.
30			27°-45'	-5°-20'	368'		34.0	201.0
31			56°-10'	-4°-16'	420'		31.2	203.8
32			48°-55'	-4°-14'	420'	up 5	31.0	204.0
33			59°-30'	-3°-05'	480'		25.8	209.2
34			55°-44'	-4°-25'	490'		37.6	197.4
35			59°-52'	-1°-23'	580'		14.0	221.0
36			54°-11'	-3°-58'	574'		39.6	295.4
37			47°-13'	-3°-24'	554'		33.0	202.0
38			43°-40'	-3°-40'	480'		30.6	204.4
39			43°-00'	-2°-26'	540'	up 5	22.8	212.2
40			45°-26'	-4°-24'	414'		31.7	203.3
41			36°-40'	+0°-28'	420'		3.4	238.4
42			42°-52'	-5°-10'	320'		28.7	206.3
43			25°-53'	+4°-44'	396'		32.6	267.6
44			34°-30'	+2°-24'	318'		13.4	248.4
45			13°-45'	+7°-10'	404'		50.0	285.0
46			36°-19'	-5°-18'	254'		23.4	211.6
47			20°-06'	+6°-16'	380'		41.2	276.2
48			51°-00'	-7°-09'	220'		27.3	207.7
49			37°-23'	-8°-20'	180'		25.8	209.2
50			24°-50'	+4°-08'	340'	up 5'	24.5	259.0'
51			22°-06'	-3°-44'	214'		13.9	221.1
52			16°26'	-6°-20'	170'		18.6	216.4
53			21°-12'	+3°-26'	306'		18.3	243.3
54			21°-20'	-10°-56'	134'		57.0	178.0

Station "E"	El. Ground 235.0	H.I. 240.0	Azmuth	Vert.	Dist.		Diff.	El
55			16°-05'	+6°-25'	336'		37.3	272.3
56			12°-47'	+7°-33'	360'		46.9	281.9
57			7°-15'	+10°-31'	400'		71.8	306.8
58			1°-41'	+8°-41'	360'		53.7	288.7
59			6°-45'	+8°-13'	312'		46.5'	281.5'
60			15°-00'	+5°-30'	280'	up 5'	26.8	258.8
61			5°-00	+5°-40'	234'		23.0	258.0
62			0°-27'	+9°-17'	266'		42.4	277.4
63			354°-15'	+14°-50'	326'		80.7	315.7
64			351°-06	+10°-39'	304'		56.2	291.2
65			347°-47	-16°-35'	84'		23.0	212.0
66			354°-53'	+6°-30'	236'		27.6	262.6
67			339°-37'	-5°-10'	146'		13.1	221.9
68			340°-37'	+7°-42'	238'		31.6	266.6
69			329°-15'	+6°-52'	224'		26.6	261.6
70			311°-35'	-11°-35'	78'		15.3	219.7
71			276°-00'	-14°-45'	64'	up 5'	15.8	214.2
72			310°-00'	-16°-25'	42'	up 10'	11.5'	213.5'
73			9°-41'	-18°-10'	64'		19.0	226.0
74			24°-30'	-23°-27'	52'		19.0	226.0
75			47°-13'	-15°-50'	84'		22.0	213.0

Lexington Ave Topog (con)

B.M.			301.82	N.W. T horn & Marlborough
			1.76	
	303.58		303.58	
	4.8		4.41	
	298.8	T.P.	299.17	
			1.02	
239-49			300.19	
19-31		T.P.	12.77	
			287.42	
259-20			0.07	
180-00			287.49	
79-20		T.P.	12.47	
19-31	275.3		275.02	
59-49	9.0		0.27	
	266.3		275.29	
			3.79	
239-49	281.93		271.50	
180	9.7		10.43	
59-49	272.2		281.93	
134	281.9			
239-49	6.6		299.17	
215-55	275.3		11.50	
23-54			310.67	
	310.67	T	7.97	
	7.7		308.70	End el.
	303.0	TP		
B.M. N.W. Myrtle & VanDyke			326.11	
			2.39	
			328.41	
			11.75	
			316.66	
			0.02	
	316.7		316.64	
	6.4		15.1	
	310.3		301.6	
			316.66	
			16.20	
			326.86	
			3.6	
			323.3	



Lexington Ave Topog. (Con)

Station.	El. Ground.	H.I.	Asmuth	Vert'l	Dist.		Diff	El.
"F" (Page 19)	298.8	303.8						
*1			90°-00'	0°-00'	20'		0.0	298.8
*2			90°-00'	-0°-12'	210'		0.8	298.0
*3			294°-10'	-0°-40'	46'		0.5	298.3
*4			82°-10'	-3°-09'	194'		10.6	288.2
5			38°-30'	-20°-55'	58'	up 5'	14.4	274.4
6			83°-40'	-3°-33'	174'		10.4	288.4
7			77°-30'	-6°-40'	154'		17.8	281.0
8			74°-40'	-10°-16'	120'		21.1	277.7
9			9°-20'	-13°-34'	88'	up 5'	20.0	273.8
10			51°-00'	-6°-16'	162'		24.8	274.0
11			44°-30'	-19°-51'	82'	up 7'	26.2	265.6
12			53°-00'	-1°-10'	204'		4.2	294.6
13			54°-30'	-18°-24'	104'		31.1	267.7
14			68°-10'	-0°-48'	218'		3.0	295.8
15			40°-00'	-1°-16'	210'		4.6	294.2
16			31°-20'	-14°-32'	144'		36.4	262.4
17			20°-40'	-4°-10'	220'		16.0	282.8
18			25°-00'	-17°-44'	124'		36.0	262.8
19			18°-30'	-00°-42'	294		3.6	295.2
20			00°-20'	-13°-00'	122	up 11	26.7	271.1
21			9°-10'	-2°-18'	306		12.2	276.6
22			0°-09'	-3°-52'	160'		10.7	288.1
23			0°-12'	-0°-56'	294		4.8	294.0
24			353°-20'	-11°-51'	148	up 10'	29.8	269.0

Station "F"	El. Ground 298.8	H I 303.8	Azimuth	Vert.	Dist		Diff	El.
#25			2°-50'	-2°-40'	374'		17.4	
26			349°-40	-8°-32'	180'	up 5'	26.4	267.4
27			3°-10'	-2°-26'	386'		9.6	289.2
28			348°-00'	-7°-59'	208'		28.6	270.2
29			357°-30'	-4°-52'	366'	up 5	29.9	263.9
30			354°-30'	-8-35'	202'	up 5	29.8	264.0
31			1°-10'	-11°-25'	220'		42.3	256.5'
32			5°-00'	-9°-56'	246'		41.8	257.0
33			354°-20	-8°-36'	306'		45.6	253.2
34			356°-00'	-8°-39'	244'	up 5'	36.3	257.5'
35			348°-50'	-7°-19'	256'	up 5'	32.4	261.4
36			338°-50'	-5°-43'	258'	up 5'	25.6	273.2
37			334°-20'	-4°-04'	276'		19.5'	279.3
38			336°-10'	-5°-25'	236'	up 5'	22.2	276.6
39			327°-10	-2°-59'	236'		12.4	286.4
40			332°-40'	-4°-29'	168'		13.1	285.7
41			332°-30'	-4°-07'	120'		8.6	290.2
42			334°-30'	-8°-57'	68'		10.5'	288.3
43			312°-30'	-0°-38'	72'		0.8	298.0
44			317°-00'	-0°-50'	140'		2.0	296.8
45			300°-00'	+0°-22'	172'		1.1	299.9
46			310°-00'	-0°-29'	222'		18.7	280.1
47			317°-50'	-0°-19'	192'	up 5'	1.1	292.7
48			320°-30'	-1°-16'	302'		6.7	292.1
49			311°-20'	+0°-01'	326	up 5'	0.1	298.7

Station	El. Ground 298.8	H.I. 303.8	Azmuth	Vert.	Dist.		Diff.	El.
#50			317°-20'	-0°-58'	400'		6.7	292.1
51			321°-20'	-1°-14'	432'		9.3	289.5
52			327°-10'	-1°-22'	434'		10.4	288.4
53			326°-00'	-1°-29'	384'		10.0	288.8
54			325°-10'	-1°-44'	336'		10.2	288.6
55			330°-20'	-5°-01'	290'		25.2	273.6
56			340°-00'	-6°-44'	316'		36.7	262.1
57			346°-00'	-7°-20'	396'	2up 5'	38.6	252.2
58			347°-20'	-7°-00'	344'	2up 5'	41.5	252.3
59			352°-20'	-7°-40'	354'		46.8	254.0
60			343°-50'	-5°-32'	386'	2up 10'	37.0	251.8
61			343°-10'	-5°-02'	436'	2up 10'	38.0	250.8
62			350°-10'	-6°-25'	442'		44.0	244.8
63			358°-30'	-2°-57'	462'		23.6	275.2
64			352°-40'	-4°-52'	504'	2up 10'	41.1	247.7
65			6°-50'	-1°-05'	466'		8.8	290.0
66			345°-10'	-6°-20'	480'		52.7	246.1
67			347°-30'	-6°-03'	520'		54.8	244.0
68								
69								
70								
71								
72								
73								
74								

Station	El Ground	H.I.	Asmuth	Vert ∠	Dist.		Diff.	El.
G. Page 19	R46.3	R71.3						
#1			171°20'	+3°-27'	164.		9.8	276.1
#2			158°-10'	-0-55	94.		1.7'	264.8
#3			137°-40'	+2°-54'	50.		25.3	241.0
#4			22°-30'	-6°-21'	32.		3.5'	262.8
#5			270°-10'	-0°-28'	46.		3.7	262.6
#6			178°-40'	+4°-05'	100.		7.1	273.4
#7			234°-30'	+4°-46'	89'		6.6	272.9
8			52°-10'	-15°-12'	82'	up 5'	20.7	240.6
9			34°-40'	-13°-18'	92'	up 5'	20.6	240.7
10			77°-40'	-9°-26'	110'		18.9	242.4
11			51°-30'	-7°-51'	138'		18.7	242.6
12			70°-30'	+3°-27'	258'		16.5'	282.8
13			42°-40'	-6°-43'	190'		22.1	244.2
14			94°-40'	+5°-23'	242'		22.6	288.9
15			35°-10'	-5°-30'	252'	up 5	24.0	237.3
16			61°-50'	-0°-12'	186'		0.7	265.6
17			57°-10	+1°-21'	264'		6.1	272.4
18			36°-30'	-4°-05'	288'	up 5	20.4	240.9
19			67°-00'	+3°-05'	334'		18.0	284.3
20			48°-30'	+0-15'	334'		1.5'	267.8
21			35°-30'	-4°-47'	346'		28.8	237.5'
22			42°-30	-1°-35'	346'		9.6	256.7
23			30°-30'	-4°-31'	360'	up 5	28.3	233.0
24			25°-40'	-4°-23'	366'		27.9	238.4

Station G	El. Ground 266.3	H.I. 271.3	Azmuth	Vert.	Dist.		Diff	El
#25			45°-10'	-2°-55'	266'		13.6	242.7
26			17°-50'	-2°-18'	336'	up 6'	13.5'	246.9
27			26°-40'	-7°-05°	239'		29.2	237.1
28			11°-40'	+0°-14'	362'		1.5'	267.8
29			18°-40'	-2°-09	222'	up 5'	8.3	253.0
30			4°-40'	+2°-58'	376'		19.5	285.8
31			22°-20'	-3°-27'	282'	up 5'	17.0	243.5'
32			354°-30'	+4°-07'	326'		23.3	289.6
33			0°-20'	+3°-03'	304'		16.2	282.3
34			14°-20	-0°-08'	292'	up 10'	0.7	247.6
35			347°-00'	+5°-02'	280'		24.5	296.8
36			22°-50'	-4°-08'	314'	up 5'	22.6	238.7
37			354°-00'	+4°-15'	236'		17.5'	283.8
38			6°-20'	+1°-41'	234'		6.9	273.2
39			24°-20'	-8°-45'	194'		29.2	237.1
40			14°-20'	-0°-52'	214'		3.2	263.1
41			21°-30'	-11°-29'	140'		27.3	239.0
42			11°-40'	-3°-30	164'		10.0	256.1
43			6°-40'	-10°-20'	118'		20.8	245.2'
44			0°-10'	+2°-25'	184'		7.8	274.1
45			340°-40'	+5°-47'	230'		23.2	289.5
46			344°-10'	-12°-56'	106'		23.2	243.1
47			359°-40'	-10°-41'	72'	up 7'	13.1	246.2
48			322°-00'	-11°-27	72	up 5'	14.0	247.5
49			331°-50'	+6°-56'	176		21.2	287.5'

Station G	El. Ground. 266.3	H.I. 271.3	Azmuth	Vert.	Dist.		Diff	El.
#50			312°-10'	- 8°-52'	100'	sp. 5'	15.2	246.1
51			305°-30'	+4°-52'	324'		27.4	293.7
52			304°-10'	+4°-18'	290'		21.6	287.9
53			313°-30'	+5°-15'	252'		22.9	289.2
54			308°-40'	+3°-11'	222'		12.3	278.6
55			291°-10'	- 5°-51'	106'	sp 7'	10.8	248.5'
56			316°-30'	+3°-55'	184'		12.6	253.7
57			295°-20'	- 2°-27'	136'	sp 5'	5.8	255.5'
58			323°-00'	+5°-54'	226'		23.4	289.7
59			291°-30'	- 1°-57'	152'		5.2	261.1
60			332°-10'	+1°-49	146'		4.6	270.9
61			332°-00'	- 1°-37	124'		3.5	262.8
62			300°-20'	+1°-05'	246'		4.7	271.0
63			313°-10'	- 3°-50'	120'		8.0	258.3
64			293°-30'	+2°-58'	246'		12.7	279.0
65			296°-00'	+4°-49'	314'		26.3	292.6
66			283°-10'	+5°-00'	294'		25.5	291.8
67			282°-10'	+2°-45'	218'		10.5	276.8
68			275°-40	+0°-02'	178'	sp. 5'	0.1	266.4

Station "H"	El. Ground 272.2	H. I. 277.2	Asmuth	Vert. ∠	Dist.		Difference	El.
1			327°-20'	−10°-22'	80'	up 7'	14.2	251.0
2			322°-10'	−16°-17'	32'		8.5	263.7
3			318°-00'	−18°-02	60'	up 3'	17.7	251.5
4			299°-10'	−14°-42'	78'		19.2	253.0
5			263°-40'	−15°-50'	40'	up 5'	10.5	258.7
6			273°-40'	−10°-33'	94'		16.9	255.3
7			172°-10'	+13°-28'	26'		5.9	278.1
8			293°-00'	−7°-18'	102'		12.9	259.3
9			199°-10'	+6°-55'	66'		7.9	280.1
10			289°-40'	−0°-42'	150'		1.8	270.4
11			213°-20'	+2°-22'	126'		5.2	277.4
12			299°-10'	+3°-06'	176'		9.5	281.7
13			226°-00'	−2°-03'	118'		4.2	268.0
14			294°-20'	+5°-55'	222'		22.7	294.9
15			238°-30'	−7°-29'	130'	up 3'	16.8	252.4
16			287°-30'	+5°-28'	246'		23.4	295.6
17			242°-30'	−10°-09'	80'	up 6'	14.0	252.2
18			282°-50'	+5°-17'	254'		23.2	295.4
19			279°-10'	−1°-49'	124'		3.9	268.3
20			284°-10'	+4°-26'	228'		17.6	289.8
21			276°-50'	+4°-56'	200'		17.1	289.3
22			249°-00'	−7°-37'	144'		19.0	253.2
23			266°-00'	+5°-53'	256'		26.4	298.6
24			254°-00'	−1°-38'	156'		4.5	267.7

Station "H"	El. Ground	H.I.	Azimuth	Vert.	Dist		Diff.	El.
#25	272.2	277.2	258°-00'	+3°-58	200'		13.8	286.0
26			241°-30'	−2°-34'	174'		7.8	264.4
27			245°-20'	+2°-40'	234'		10.9	283.1
28			248°-30'	+4°-34'	290'		23.0	295.2
29			251°-10'	+4°-53'	334'		28.4	300.6
30			234°-40'	−4°-09'	158'	up 3'	11.4	257.8
31			243°-50'	+4°-23'	424'		32.2	304.4
32			236°-10'	−0°-24'	218'		1.5'	271.7
33			236°-40'	+3°-35'	406'		25.4	297.6
34			242°-00'	+2°-41'	246'		11.5	288.7
35			233°-40'	+2°-41'	394'		18.5	290.7
36			229°-40'	+1°-25'	350'		8.7	280.9
37			235°-30'	+2°-14'	320'		12.5'	284.7
38			226°-30'	−0°-14'	320'		1.3	270.9
39			228°-30'	−0°-58'	274'		4.6	267.6
40			223°-20'	−0°-27'	316'	up 5'	2.5'	264.7
41			226°-10'	−1°-00'	272'	up 5'	4.7	262.5
42			223°-50'	−1°-41'	270'	up 2	7.9	262.3
43			228°-30'	−1°-13'	220'	up 7	4.7	260.5
44			231°-40'	−1°-08'	226'		4.5'	267.7

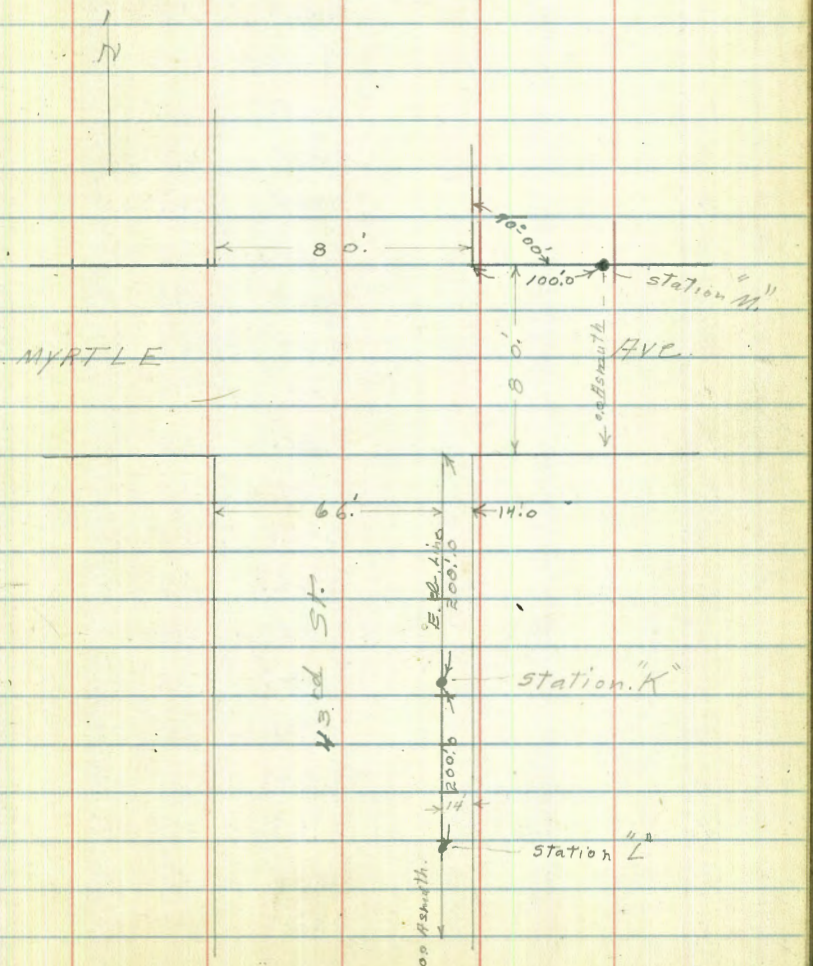
Station	EL ground	H.I.	Azimuth	Vert ∠	Dist.		Diff.	El.
"I"	275.3	280.3						
1			199°-40'	- 8°-50'	42'		6.4	268.9
2			223°-0'	- 17°-30'	50'		14.3	261.0
3			266°-50'	- 22°-54'	32'	up 5'	11.5'	258.8
4			226°-20'	- 8°-33'	74'	up 5'	10.9	259.4
5			212°-40'	- 3°-36'	132'		8.3	267.0
6			204°-40'	+ 1°-57'	150		5.1	280.4
7			201°-0'	- 3°-52'	80'		5.0	270.3
8			159°-30'	+ 9°-31'	60'	up 5'	9.6	282.9
Station								
"J" Jan 19	303.0	308.0						
1			155°-0'	+ 4°-40'	44'		3.7	306.7
2			212°-50'	+ 2°-33'	50'		2.2	305.2
3			215°-10'	+ 0°-45'	102'		1.3	304.3
4			194°-30'	+ 2°-22'	108'		4.5'	307.5
5			23°-50'	- 1°-40'	66'		19.2	283.8
6			330°-30'	- 8°-50'	182'	up 10'	27.6	263.4
7			38°-20'	- 1°-44'	92'		27.8	275.2
8			313°-0'	- 10°-30'	190'	up 5'	30.4	267.6
9			312°-0'	- 9°-18'	192'	up 5'	30.6	267.4
10			35°-0'	- 2°-38'	164'	up 5'	7.5'	290.5
11			311°-0'	- 5°-56'	222'		22.8	280.2
12			13°-10'	- 4°-10'	160'	up 5'	11.6	286.4
13			297°-30'	- 5°-28'	224'		21.3	281.7

Station J	El. Ground	H. I.	Azmuth	Vert.	Dist.		Diff	El.
#14	303.0	308.0	2°-20'	-5°-12'	182'	Up 5'	16.4	281.6
#15			300°-50'	-1°-48'	260'		8.2	294.8
16			351°-0'	-5°-58'	178'	Up 5'	18.4	279.6
17			281°-0'	-1°-40'	280'		8.2	294.8
18			340°-40'	-6°-53'	174'	Up 5'	20.7	277.3
19			354°-30'	-5°-13'	148'	Up 5'	13.4	284.6
20			12°-10'	-3°-57'	118'		8.1	294.9
21			280°-30'	-0°-04'	316'		0.4	302.6
22			341°-0'	-7°-22'	108'		13.7	289.3
23			330°-40'	-8°-44'	90'		13.5'	289.5'
24			272°-20'	+0°-47'	366'		5.0	308.0
25			330°-0°	-15°-15'	90'		22.8	280.2
26			261°-20'	+0°-52'	386'		5.8	308.8
27			320°-0°	-9°-48'	112'		18.8	284.2
28			259°-10'	+1°-29'	454'		11.8	314.8
29			331°-50'	-8°-39'	128'		19.0	284.0
30			328°-0'	-7°-51'	152'		20.6	282.4
31			257°-30'	+1°-35'	486'	Up 5'	13.4	311.4
32			304°-50'	-8°-46'	152'		22.9	280.1
33			290°-50'	-8°-53'	182'		27.8	275.2
34			249°-30'	+0°-12'	456'		1.6	304.6
35			290°-40'	-10°-0'	200'		34.2	268.8
36			253°-40'	+1°-04'	414'		7.7	310.7
37			291°-10'	-6°-12'	224'		24.2	278.8
38			255°-0'	+0°-05'	382		0.6	303.6

Station J	El. Ground	H I	Azmuth	Vert	Dist		Diff	El.	
#39	303.0	308.0	249°-10'	-1°-06'	394'		7.6	295.4	
40			279°-30'	-5°-21'	240'		22.3	280.7	
41			245°-10'	-2°-45'	378'		18.1	284.9	
42			278°-40'	-7°-32'	192'		25.0	278.0	
43			243°-10'	-3°-12	360'		20.0	283.0	
44			278°-30'	-8°-30'	182'	up 5'	26.6	271.4	
45			216°-30'	-4°-0'	354'		24.6	278.4	
46			277°-20'	-8°-07'	170'		23.8	279.2	
47			258°-30'	-3°-59'	352'		24.6	278.5	
48			295°-0'	-10°-33'	134'		24.1	278.9	
49			261°-10'	-4°-56'	314'		26.9	276.1	
50			309°-30'	-4°-24'	100'		7.7	295.3	?
51			265°-0'	-5°-44'	280'		27.0	276.0	
52			3°-10'	-18°-11'	72'		21.4	281.6	
53			270°-30'	-4°-22'	266'		20.3	282.7	
54			226°-0'	-10°-20'	80'		14.1	288.9	
55			270°-30'	-6°-15'	244'		26.4	276.6	
56			262°-0'	-5°-34'	134'	up 5'	13.0	285.0	
57			231°-20'	-10°-20'	116'		20.5	282.5	
58			249°-40'	-9°-29'	136'		22.1	280.9	
59			255°-0'	-4°-50'	224'		18.8	284.2	
60			241°-0'	-5°-55'	128'		13.2	289.8	
61			246°-10'	-5°-06'	174'		15.4	287.6	
62			264°-30'	-11°-58'	118'		24.1	278.9	
63			246°-20'	-4°-42'	320'		26.4	276.6	

Station #	El. Ground	H I	Azmuth	Vert	Dist		Diff.	El
64	303.0	308.0	253°-0'	-7°-11'	184'		22.8	280.2
65			238°-40'	-1°-29'	366'		9.5'	293.5'
66			240°-30'	-3°-54'	198'	up 5'	13.6	284.4
67			230°-30'	-0°-36'	390'-		4.1	295.9
68			245°-10'	-5°-26'	136'		12.8	290.2
69			242°-40'	-3°-21'	232'		13.6	289.4
70			232°-0'	-1°-16'	252'		5.5	297.5
71			236°-0'	-0°-41'	304'	up 5'	3.6	294.4
72			216°-50'	+1°-14'	194'		4.2	307.2
73			208°-0'	+1°-28	310'		7.9	310.9
74			200°-50'	+1°-14'	344'		7.4	310.4
75			226°-30'	-3°-06'	198'	up 5'	10.7	287.3
76			191°-30'	+2°-40'	364'	up 5'	16.9	314.9
77			211°-0'	-0°-49'	250'	up 10'	3.6	289.4
78			189°-30'	-2°-09'	332'	up 12	12.5'	278.5' ?
79			191°-20'	+2°-10'	240'		9.0	312.0
80			183°-30'	+2°-58'	320'	up 5'	13.5'	316.5'
81			201°-10'	-2°-12'	146'		5.5'	297.5'
82			191°-0'	+2°-30'	286'	up 5'	12.5'	315.5'
83			206°-0'	+2°-09'	112'		4.2	307.2

Lexington Ave Topog.



Plotted J.H.G.

Station	El. Ground	H.I.	Azimuth	Vert ∠	Dist.		Diff	El.
K. Page 32	310.3	315.3						
#1			351°-40'	− 2°-07'	126'		4.7	305.6
2			343°-40'	− 4°-40'	126'	up 5'	10.6	294.7
3			345°-10'	− 2°-58'	50'		2.6	307.7
4			334°-40'	− 6°-51'	130'		15.4	294.9
5			324°-50'	− 3°-29'	140'		8.9	301.4
6			311°-0'	− 2°-23'	152'		6.7	304.1
7			220°-0'	+ 1°-20'	117'		0.4	310.7
8			306°-0'	− 1°-52'	170'		5.5	304.8
9			185°-40'	+ 2°-22'	98'		4.0	314.3
10			293°-10'	− 0°-59'	130'		2.2	308.4
11			182°-30'	+ 2°-39	154'		7.2	317.5
12			293°-30'	− 4°-06'	82'		5.4	304.4
13			194°-10'	+ 2°-54'	206'		10.4	320.7
14			309°-20'	− 3°-41'	110'		7.0	303.3
15			206°-20'	+ 2°-56'	222'		11.3	326.6
16			310°-40'	− 7°-05'	96'		11.7	298.6
17			206°-20'	+ 3°-27'	236'		14.2	324.5
18			327°-10'	− 6°-26'	124		13.8	296.6
19			209°-50'	+ 1°-55'	212'		7.0	317.3
20			331°-50'	− 7°-49'	66'	up 5	8.6	296.7
21			196°-40'	+ 0°-30'	192'		1.7	312.0
22			203°-10	+ 0°-27'	172'		1.3	311.6
23			248°-10	− 13°-17'	38		8.5	301.8
24			247°-50'	− 9°-18'	52'		8.3	302.0

Station "K"	El Ground	HI	Azimuth	Vert.	Dist		Diff.	El
25	310.3	315.3	189°-20'	+0°-14'	176'		0.6	310.9
26			260°-30'	-1°-25'	80'		2.0	308.3
27			188°-20'	+1°-31'	142'	up 5'	3.8	304.1
28			202°-40'	-0°-05'	144'		0.2	310.1
29			269°-0'	+1°-42'	138'		4.1	314.4
30			252°-50'	+3°-01'	114'		6.0	316.3
31			214°-20'	-2°-0'	100'		3.0	306.8
32			250°-20'	+3°-26'	160'		9.4	319.7
33			197°-0'	-0°-11'	82'	up 5'	0.3	305.0
34			231°-10'	+3°-55'	196'		13H	323.7
35			229°-40'	-3°-12'	82'		4.4	305.9
36			219°-40'	+3°-52	161'		11.1	321.4
37			209°-10'	+2°-25'	174'		7.3	317.6
38			213°-10'	+2°-34'	136		6.1	316.4
39			232°-10'	+3°-29'	122		7.4	317.7

Plotted

Station	El. Ground	H.I.	Asmuth	Vert ∠	Dist.		Diff.	El
"L" Page 3R	301.6	306.6						
" 1			205°-0'	+4°-05'	22'		1.6	303.2
2			239°-30'	-9°-29'	36'	up 5'	5.9	290.7
3			341°-10'	-2°-45'	38'		1.8	299.8
4			238°-0'	-9°-28'	71'		12.0	289.6
5			328°-30'	-5°-0'	50'	up 5'	4.4	292.2
6			241°-0'	-3°-29'	122'		7.6	294.0
7			"	-1°-09'	136'		2.7	298.9
8			252°-20'	-0°-05'	121'		0.2	301.4
9			310°-0'	-5°-35'	68'		6.6	295.0
10			270°-10'	+1°-13'	112'		2.4	304.0
11			298°-40'	+0-17'	110'		0.5	302.1
12			257°-30'	-2°-34'	80'		3.5	298.1
13			329°-0'	-3°-54'	108'		7.4	294.2
14			261°-40'	-10°-32'	58'		10.4	291.2
15			336°-40'	-5°-59'	122'		12.6	289.0
16			339°-0'	-8°-24'	74'		10.7	290.9
17			351°-40'	-2°-43'	66'		3.0	298.6
18			340°-30'	-6°-36'	148'		16.9	284.7
19			348°-20'	-0°-54'	162'		2.5	299.1
20			351°-40'	-5°-06	92'	up 6'	8.1	287.5
21			328°-50'	-0°-47'	178'		2.4	299.2
22			353°-10'	-5°-02'	130'	up 5'	11.4	288.2
23			322°-30'	-1°-12'	176'		3.7	297.9
24			46°-0'	-0°-45'	96'		1.3	300.3

Station	El. Ground	H.I.	Asmuth	Vert ∠	Dist.		Diff.	El.
#25	301.6	306.6	321°-0'	+0°-52'	242'		3.7	305.3
26			321°-30'	+1°-41'	306'		9.0	310.6
27			105°-30'	+1°-45'	60'		1.8	303.4
28			308°-10'	+3°+28'	290'-		17.6	319.2
29			310°-40'	+1°-24'	184'		4.5'	306.1
30			313°-20'	+1°-43'	234'		7.0	308.6
31			292°-50'	+2°-42'	176'		8.3	309.9
32			298°-0'	+3°-08'	256'		14.0	315.6
33			280°-20'	+3°-56'	248'		17.0	318.6
34			273°-30'	+3°-24'	184'		10.5'	312.1
35			263°-20'	+4°-06'	254		18.1	319.7
36			255°-0'	+2°-28'	188'		8.1	309.7
37			261°-40'	+3°-53'	226'		15.4	317.0
38			253°-40'	+3°-40'	248'		15.8	317.4
39			"	+3°-52'	286'		19.2	320.8
40			"	+4°-20'	292'		22.0	323.6
41			248°-10	+3°-38'	214'	up 5'	13.6	310.2
42			241°-20'	+4°-04'	320'		22.6	324.2
43			239°-40'	+1°-15'	212'		4.6	306.2
44			241°-10'	+3°-02'	304'		16.0	317.6
45			237°-10'	+0°-01'	212'	up 1'	0.1	300.7
46			233°-30'	+2°-40'	324'		16.1	317.7
47			234°-0'	+1°-31'	212		5.6	307.2
48			232°-0'	+3°-43'	348'		22.5'	324.1
49			226°-30'	+2°-26'	256'		10.8	312.4

Station	El. Ground	H.I.	Asmuth	Vert ∠	Dist.		Diff	El
"L" 50	301.6	306.6	224°-30'	+3°-44'	402'		26.1	327.7
#51			224°-10'	+2°-54'	386'		19.6	321.2
52			232°-0'	+1°-55'	274'		9.2	310.8
53			225°-0'	+2°-30'	306'		13.4	315.0
54			217°-30'	+3°-04'	342'		18.3	319.9
	Not Plotted							
Station								
"M" Page 32	323.3	328.3						
#1			95°-0'	-1°-23'	56'		13.6	309.7
2			187°-0'	-30°-14'	26'		11.3	312.0
3			272°-20'	+2°-17'	44'		8.1	325.4
4			210°-30'	-15°-53'	46'		12.1	311.2
5			173°-30'	-2°-05'	56'		2.0	321.3
6			258°-0'	-2°-49'	68'	Down 2'	3.4	314.9
7			150°-10'	+3°-37'	80'		5.0	328.3
8			232°-0'	-7°-55'	60'		8.2	315.1
9			136°-0'	+1°-57'	58'		2.0	325.3
10			233°-10'	-2°-20'	86'		3.5	319.8
11			235°-40'	-7°-59'	108'		14.8	308.5'
12			135°-40'	-17°-23'	25'		7.1	316.2
13			220°-40'	+2°-13'	130'		5.0	328.3
14			177°-10'	-0°-12'	85'		0.3	323.0
15			210°-10'	-3°-49'	94'		6.3	314.0

Station "M"	El. Ground	H I	Azimuth	Vert ∠	Dist		Diff.	El.
#16	323.3	328.3	174°-40'	+1°-31'	112'		3.0	326.3
17			200°-40'	−6°-05'	94'		9.9	313.4
18			193°-10'	−0°-20'	120'		0.4	322.9
19			209°-0'	−2°-03'	130'		4.7	318.6
20			183°-50'	+2°-25'	134'		5.6	317.7
21			207°-40'	−1°-49'	168'		5.3	318.0
22			193°-50'	+2°-48'	178'		8.7	332.0
23			203°-0'	+0°-09'	188'	up 5'	0.5	318.8
24			208°-0'	−0°-54'	194'		3.0	320.3
25			193°-10'	+2°-12'	134'		5.1	328.4
26			214°-0'	+2°-05'	186'		6.8	330.1
27			200°-30'	+1°-54'	266'		8.8	332.1
28			214°-30'	+2°-13'	208'		8.1	331.4
29			201°-30'	−0°-44'	216'		2.8	320.5
30			211°-50'	+1°-38'	234'		6.7	330.0
31			206°-10'	+1°-10'	228'	up 8'	4.6	319.9
32			212°-20'	+2°-20'	306'		12.5	335.8
33			206°-50'	+0°-45'	262'	up 6'	3.4	320.7
34			207°-30'	+2°-11'	346'		13.2	336.5
35			207°-30'	+1°-24'	316	up 8'	7.7	323.0
36			206°-10'	+1°-10'	336'	up 5'	6.8	325.1
37			201°-40'	+1°-38'	340'	up 6'	7.7	325.0
38			199°-10'	+1°-58'	334'		11.5	334.8
39			199°-10'	+1°-56'	364'	up 8'	12.2	327.5
40			200°-0'	+0°-02'	290'		0.2	325.5

Station M.	El. Ground	H.I.	Azimuth	Vert. ∠	Dist.		Diff.	El.
# A1	323.3	328.3	196°-10'	+2°-55'	356'	up 5'	18.1	336.4
A-2			190°-30'	+2°-20'	29.2		11.8	335.1

7-16-29 Mills.

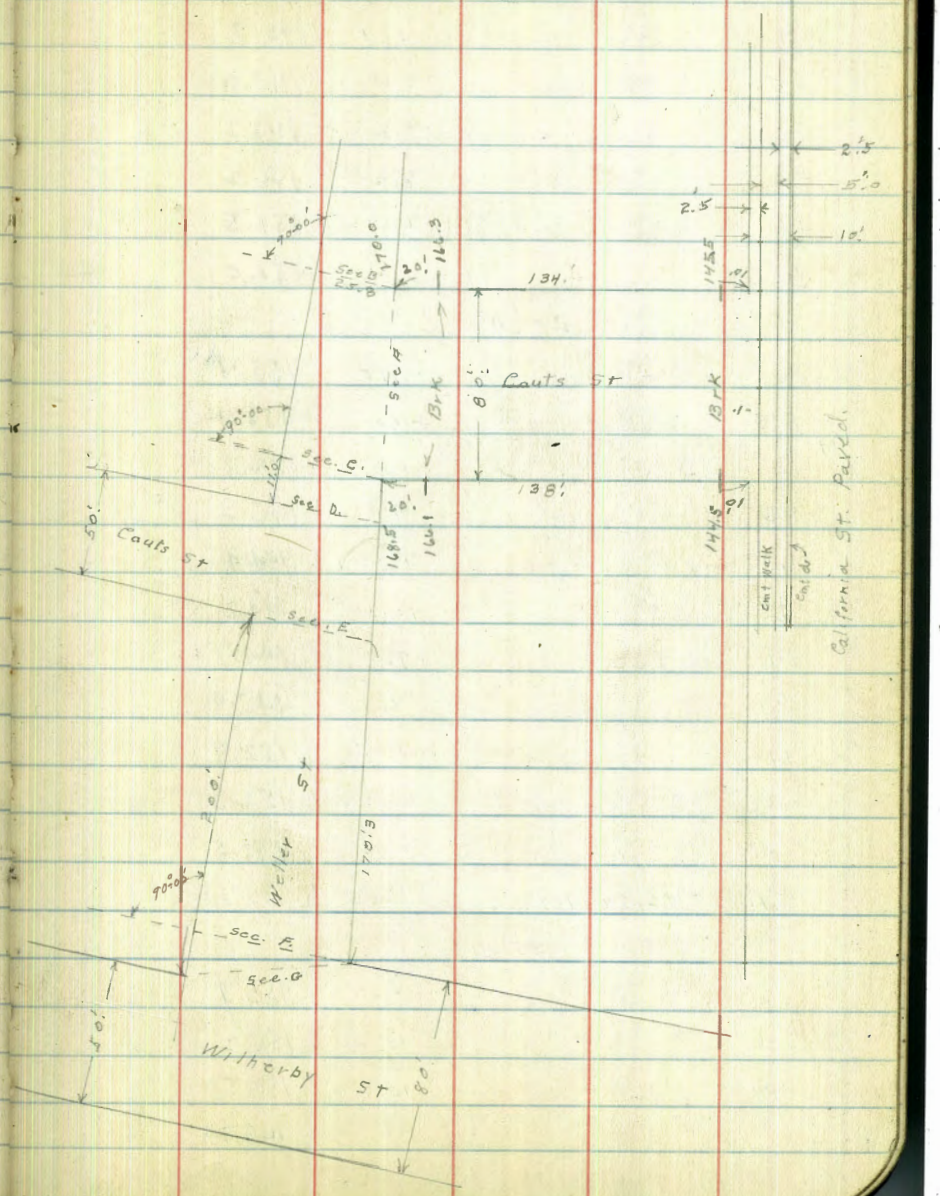
Coutts St X Sec. California to Middletown Line

80' wid. x 14' els 73' 14s

B.M.	12.99	93.04		80.05	N.E. Coutts & La Jolla Ave.
T.P.	13.21	105.30	0.95	92.09	
T.P.	12.89	117.98	0.21	105.09	
T.P.	13.07	130.61	0.44	117.54	
T.P.	13.02	143.14	0.47	130.14	
	N. cb. Line California St				
W. Line Coutts			2.76	140.40	gutter pavmt.
" " "			2.25	140.91	cmt. cb
E Coutts			1.76	141.40	gutter pavmt
" "			1.25	141.91	cmt. cb
E. Line Coutts			0.83	142.33	gutter Pavmt
" " "			0.28	142.88	cmt. cb
	0.0 = E. Line California				
E.			0.3	142.9	
cb			0.6	142.6	
l/4			0.9	142.3	
C			1.3	141.9	
l/4			1.6	141.6	
cb			2.0	141.20	
W			2.2	141.00	
T.P.	12.82	154.41	1.57	141.59	
		3' N.			
W			6.4	148.0	
cb			6.1	148.3	
+6			5.5	148.9	
l/4			9.0	145.4	

Reduced 7/16/29 Reymers

Plotted 4-17-29 TGH



		154.41 3' N. (calc)		
+5			11.0	143.4
℄			11.8	142.6
1/4			11.7	142.7
+5			11.4	143.0
el			9.3	145.1
+2			8.2	146.2
+6			2.9	151.5
E			3.4	151.0
		20' N.		
E			+1.0	155.4
+13			+1.0	155.4
el			0.3	154.1
+6			9.1	145.3
1.4			10.0	144.4
℄			10.2	144.2
+11			9.7	144.7
1/4			8.5	145.9
+10			1.5	152.9
el			2.1	152.3
W			2.9	151.5
T.P.	12.88	167.23	0.06	154.35
		35' N.		
W			11.5	155.7
el			11.0	156.2
+7			10.7	153.53
1/4			18.0	149.23

		167.23		Coats St.
+5			20.3	146.93
℄			21.0	146.2
1/4			21.0	146.2
+4			17.5	149.7
+10			8.5	158.7
el			8.3	158.9
E			8.3	158.9
		42' N		
E			6.2	161.0
el			6.7	160.5
+5			7.1	160.1
1/4			16.3	150.9
℄			16.3	150.9
+5			13.0	154.2
1/4			8.6	158.6
el			8.9	158.5
W			9.5	157.7
		47' N		
W			8.4	158.8
el			7.7	159.5
1/4			7.4	159.8
℄			7.3	159.9
1/4			4.4	160.8
el			5.7	161.5
E			5.0	162.2

		147.23		
		70' N		
E			0.4	166.8
el			1.3	165.9
1/4			1.6	165.6
℄			2.0	165.2
1/4			2.7	164.5
el			2.9	164.3
W			3.2	164.0
T.P.	10.85	177.68 ✓	0.40	166.83
		100' N.		
W			8.5	169.2
el			8.3	169.4
1/4			7.8	169.9
℄			7.5	170.2
1/4			7.2	170.5
el			6.5	171.2
E			6.3	171.4
		125' N		
E			3.0	174.7
el			3.2	174.5
1/4			3.7	174.0
℄			4.2	173.5
1/4			4.3	173.4
el			4.4	173.3
W			5.3	172.4

177.68

Couts

See A { 134' W on E / 138' N. on W } = P. L. = S. Line Weller St

N.		4.3	173.4
el		3.6	174.1
1/4		3.1	174.6
℄		3.2	174.5
1/4		2.9	174.8
el		2.6	175.1
E		2.6	175.1

7-16-29 Weller St & Sec
mills Couts to Welherby.

177.68 Page 42

Sec B = S.E. Cor Couts & Weller at 90° to N. line Weller

N. line		3.8	173.9
+10's	Reduced 7/16/29 Reminded	2.7	175.0
+20.s		2.4	175.3
+25.8 s = P.L.		2.6	175.1

14' W. of Sec B = E. ob. Couts on P.L.

N. Line		4.0	173.7
+10's	Plotted 7-17-29 T.B.H.	2.7	175.0
+20's		1.8	175.9
+26.8 = P.L.		2.6	175.1

27' W. of Sec B = E. 1/4 of Couts on P.L.

N. Line		4.0	173.7
+10's		2.8	174.9
+20's		2.4	175.3
+27.4 s = P.L.		2.8	174.9

40' W. of Sec B = ¢ Couts on P.L.

N. Line		4.3	173.4
+10's		3.3	174.4
+20's		2.7	175.0
+28.8 s = P.L.		3.1	174.6

53' W. of Sec B = N. 1/4 Couts on P.L.

N. Line		4.6	173.1
+10's		3.7	174.0
+20's		3.0	174.7
+29.8 s = P.L.		3.1	174.6

¢ B 177.68

66' W. = N. ob. Couts on P.L.

N. Line		4.6	173.1
+10's		4.0	173.7
+20's		3.7	174.0
+30.8 s = P.L.		3.6	174.1

80' W. of Sec B. = W Line Couts on P.L. = S-e.C.

N. Line		5.6	172.1
+10's		4.7	173.0
+20's		4.2	173.5
+31.75		4.3	173.4

11' W. of Sec C. = Sec D = E. Line Couts to N. Couts 50' W. of 70' ob. 7.5 70's

N. Line		6.3	171.4
+10's		5.2	172.5
+20's		4.6	173.1
+32.5 s = P.L.		4.7	173.0

E. ob. Couts to N

N. Line		7.0	170.7
+10's		5.3	172.4
+20's		4.7	173.0
+30's		4.9	172.8
+33.2 s = P.L.		4.9	172.8

E. 1/4 Couts to N.

N. Line		7.3	170.4
+10's		5.5	172.2
+20's		4.8	172.9
+30's		5.0	172.7
+33.75 = P.L.		5.0	172.7

177.68

℄ Courts to N.

N. Line		7.4	170.3
+10'.s		5.8	171.9
+20.s		4.9	172.8
+30's		4.9	172.8
+34.1 s = PL		4.9	172.8

W. ¼ Courts to N

N. Line		7.5	170.2
+10.'s		6.5	171.2
+20' s		5.4	172.3
+30' s		5.1	172.6
+34.6 s = P.L.		5.2	172.5

W. ⅛ Courts to N

N. Line		8.0	169.7
+10' s		6.7	171.0
+20' s		4.7	173.0
+30' s		5.4	172.3
+35.1 s = P.L.		5.4	172.3

W. Line Courts to N. = Sec E. = 0+00

N. Line		8.2	169.5
+10'.s		6.2	171.5
+20' s		5.7	172.0
+30' s		5.8	171.9
35.9 s = P.L.		6.1	171.6

177.68

35' W. of Sec E

N. Line		9.9	167.8
+10'.s		8.2	169.5
+20' s		7.3	170.4
+30's		6.7	171.0
+38.2 s = P.L.		6.9	170.8

70' W. of Sec E

N. Line		12.8	164.9
+10' s		10.9	166.8
+20' s		9.2	168.5
+30's		8.7	169.0
+40.8 s = PL		8.4	169.3

100' W. of Sec E

N. Line		16.4	161.3
+10' s		13.5	164.2
+20' s		11.3	166.4
+30' s		10.0	167.7
+42.8 s = P.L.		9.5	168.2
T.R. 1.65	167.65	11.68	166.00

135' W. of Sec E.

N. Line		8.4	159.25
+10' s		6.1	161.55
+20' s		4.6	163.05
+30's		2.7	164.95
+40's		1.8	166.85
+45.5 s = P.L.		1.6	166.05

		167.65		
	170.3 W. of Sec E = See F			
	= E. line Wilhelby on S.			
N. line			9.5	158.15
+10.5			8.5	159.15
+20's			7.7	159.95
+30's			7.0	160.65
+40's			6.0	161.65
+48.2 S = P.L.			5.3	162.35
200' W. of Sec E. on N 170.3 W " " E " S			= See G on diagonal	
N. line			11.5	156.15
10.5. at Pt. L			9.4	158.25
20' " " " "			9.4	158.25
30' " " " "			8.8	158.85
40' " " " "			6.3	161.35
48.2 S. at Pt L = 56.8 on diagonal			5.3	162.35
T.P.	8.54	175.72	0.4.7	167.18
Chicken Hub Book 900 Page 17.			2.15	172.97 = 173.17

50' w/de
10' ebs
7.5 1/4

Jackdaw. St. & See
From End of Pavment
To Fremont St.

N. of Hunter

8-23-29
mile

S.W. Hunter
& Jackdaw.

B.M. B.P.	0.33	269.35		269.02	
T.P.	0.19	256.48	13.06	256.29	
		158'N = N. Line gravel drive			
E. emt. eb			4.25	252.23	
10' E = E. Line			5.6	250.9	
+5'			6.4	250.1	
		188.5 N Brk grade E. eb			
E-5			9.9	246.6	
E			8.5	248.0	
E. emt. eb			7.42	249.06	✓
gutter pavmt.			8.05	248.43	
1/4 "			7.18	249.30	
℄ "			6.65	249.83	
1/4 "			6.63	249.85	
gutter "			6.98	249.50	
W. emt. eb			6.37	250.11	
		194.3 N. = Brk in grade W. eb.			
W. emt. eb			6.95	249.53	
gutter Pavmt			7.60	248.88	
1/4			7.14	249.34	
℄			7.23	249.25	
1/4			7.64	248.82	
gutter Pavmt.			8.77	247.71	
E. emt. eb			7.47	249.01	
E			10.7	245.8	
+10			11.8	244.7	

Plotted 8-27-29 EAB

256.48

200'N = W. End Curb & Pavmt = E+W. Curb

-10	12.9	243.6
E	11.8	244.7
+9 ground	8.5	248.0
E. emt. eb	7.54	248.96
+0.1 = N.E. cor grating eb.	8.84	247.64
+4 = N.W. " " " "	8.52	247.96
1/4 pavmt	8.29	248.19
℄ "	7.85	248.63
℄ Top E+W. eb	7.70	248.78
1/4 pavmt	7.53	248.95
W. emt. eb	7.07	249.41
+2.67 = E. Edge emt. walk N. End	7.44	249.04
+5' = W. " " " " "	7.31	249.17
+10 = W. Line	7.2	249.3
	215'N	
W	8.2	248.3
eb	8.2	248.3
1/4	8.1	248.4
℄	8.2	248.3
1/4	8.3	248.2
eb	11.2	245.3
E	15.2	241.3
+15	14.1	240.4

		256.48		
		230'N		
E-15			20.5	236.0
E			20.0	236.5
el			17.0	239.5
1/4			14.2	242.3
℄			11.8	244.7
1/4			10.5	246.0
el			9.8	246.7
W			9.3	247.2
T.P.	0.39	244.34	12.53	243.95
		253'N		
-10			9.0	235.3
W			11.0	233.3
el			12.3	232.0
1/4			14.4	229.9
℄			14.6	229.7
1/4			14.0	230.3
el			16.0	228.3
E			15.0	229.3
+15			15.0	229.3
T.P.	0.25	231.33	13.26	231.08
		268'N.		
-15			6.5	224.8
E			8.0	223.3
el.			7.6	223.7
1/4			8.1	223.2
℄			8.6	222.7

		231.33		Jackdaw St
1/4			6.7	224.6
el			4.0	227.3
W			2.5	228.8
+10			0.0	231.3
		288'N		
-10			4.0	227.3
W			7.1	224.2
el			10.0	221.3
1/4			12.0	219.3
℄			15.0	216.3
1/4			15.0	216.3
el			20.0	211.3
E			16.0	215.3
+15			13.4	217.9
		300'N	S Line Fremont	approx.
-15			18.7	212.6
E			19.8	211.5
+8			20.0	211.3
+6			26.5	204.8
el			26.7	204.6
1/4			22.0	209.3
℄			18.0	213.3
1/4			14.4	216.9
el			12.6	218.7
W			9.6	221.7
+10			6.6	224.7

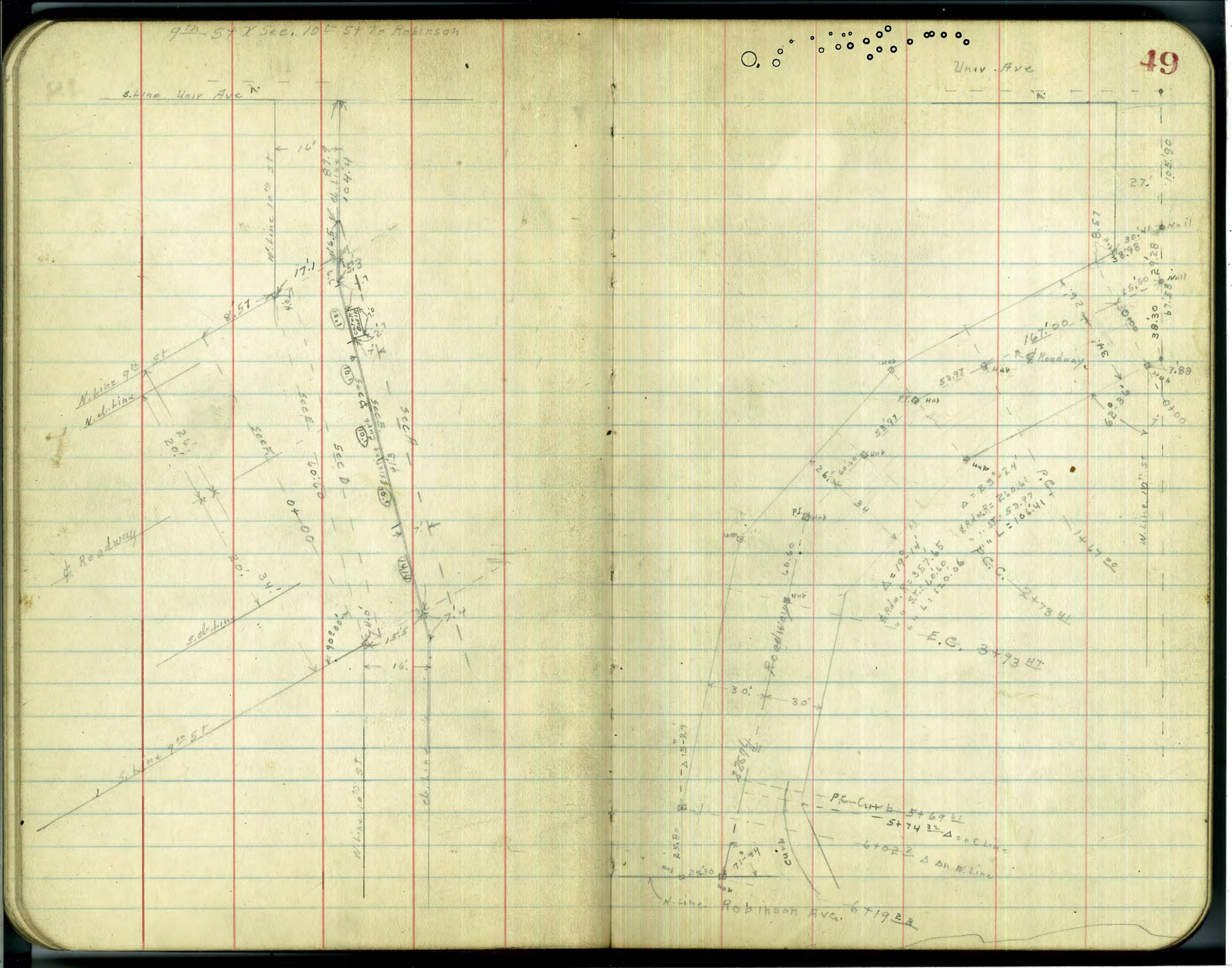
Jack daw. St.

231.33

325' N.

-10			12.3	219.0
N			18.7	215.6
eb			19.4	211.9
4			22.7	208.6
℄			25.5	205.8
4			27.1	204.2
+6			29.2	202.1
eb			34.0	197.3
E			29.3	202.0
+15			29.1	202.2
T.P.	12.84	270.92	0.25	258.08
T.P.	12.57	283.46	0.03	270.89
TP	12.71	296.02	0.15	283.31
chk on original BM.			0.00	296.02

9th St X Sec. 10 Lt St to Robinson



60' wide 40' Roadway See Plat Page 49 For ℄ of Roadway — 9th St & See 10th to Robinson — 9-27-29 Miller

BM.BP	0.07	282.09		282.02	SW. 10th & Univ Ave		
See A. 7' S. of Diagonal eb.			See Plat Page 49.				
Top eb 87.9 S. of 5. Line Univ			4.44	277.65			
Gutter at above			5.21	276.88			
14.8 S. of above = P.I. With N Line 9th St Produced			5.68	276.41			
+6 = N. eb Produced			5.78	276.31			
+16.2 = N ℄	"		5.96	276.13			
+24.25 = ℄	"		5.92	276.17			
+34.50 S. ℄	"		5.48	276.61			
+46.65 S = S eb	"		5.07	277.02			
+60.75 = S Line Produced			4.61	277.48			
10' S. of S "	"		4.24	277.85			
See B = W. gutter of 10th St.							
10' S. of Δ c gutter Pavmt.			4.59	277.50			
Δ	"	"	4.82	277.27			
7.3 N of Δ = S. Line 9th Produced	"	"	5.14	276.95			
S. eb Produced	"	"	5.67	276.42			
S ℄	"	"	6.00	276.09			
℄	"	"	6.58	275.51			
+7. = S. End catch Basin	"	"	6.62	275.47			
N. ℄ Produced on grating			6.62	275.47			
+4' = N End catch Basin gutter Pavmt			6.68	275.41			
N. eb Produced	"	"	6.57	275.52			
+1.3 N = Δ on N eb.	"	"	6.46	275.63			
5.3 N. of Δ = P.I. eb. & N. Line 9th = N		"	6.11	275.98			

282.09 — See C = Top W. curb of 10th St — 4.10

N. Line 9th Produced		5.30	276.79
+5.35 = Δ		5.56	276.53
N. eb. Produced		5.58	276.51
N ℄	"	5.65	276.44
℄	"	5.54	276.55
S. ℄	"	5.29	276.80
S. eb.	"	5.01	277.08
S. Line 9th	"	4.63	277.46
+7.4 S = Δ Curb		4.32	277.77
10' S. of Δ		4.10	277.99
See D 4' E. of N Line 10th St			
S. Line 9th		4.2	277.9
S. eb		4.7	277.4
S. ℄		5.3	276.8
℄		5.1	277.0
N ℄		5.4	276.7
N. eb		5.0	277.1
N. Line 9th		4.7	277.4
See E = W. Line 10th St.			
N		4.6	277.5
+4 = eb		5.0	277.1
N ℄		4.5	275.6
℄		6.3	275.8
S ℄		6.1	276.0
S eb		4.4	277.7
S		4.2	277.9

				9th St
	282.09			
Sec. F. = 0+00 { SW. cor. 9th + 10th sts. / 8.57 W. of NW. cor. 9th + 10th sts.				
S		4.2		277.9
+4 = S. Improvement Line		4.5		277.6
+14 = S. el.		4.9		277.2
1/4		7.6		274.5
℄ Rdw.		9.2		272.9
1/4		11.2		270.9
el.		8.8		273.3
+6 = N. Line		8.8		273.3
+5		8.0		274.1
T.P.	0.66	270.01	12.74	269.35
		18' S.W. of 0+00		
-15		3.6		266.4
N.		6.0		264.0
+6 = el.		5.8		264.2
+2		5.8		264.2
+3		8.8		261.2
1/4		12.0		258.0
+1.5 = Outlet 2'-6" Cor. Iron Pipe Culvert		8.55	Flow Line	261.46
			No yardage	
+3		8.3		261.7
℄		8.0		262.0
1/4		6.5		263.5
el.		6.6		263.4
+10		3.2		366.8
+14 = S. Line		3.2		266.8
S+1 Top wall		+1.8		271.8

	270.01		
S-1 Top wall	27' S. W. of 0+00	+1.8	271.8
S		4.4	265.6
+4		5.0	265.0
+10 = el.		8.9	261.1
1/4		10.5	259.5
℄ Rdw.		10.3	259.7
1/4		14.0	256.0
+5		13.0	257.0
el.		11.0	259.0
N.		9.0	261.0
+20		3.0	267.0
	58' S.W. of 0+00		
+/-20		3.5	266.6
N		10.8	259.2
+6 = el.		13.8	256.2
1/4		14.3	255.7
℄ Rdw.		13.6	256.4
1/4		13.3	256.7
el.		10.6	259.4
+10		5.8	264.2
+14 = S.		4.7	265.3
S+1 Top wall		+1.0	271.0

270.01

100' S.W. of 0+00

S-1 Top wall		0.7	269.3	
S		6.4	263.6	
S+4		7.6	262.4	
S+14=el		11.5	258.5	
T.P.	5.01	263.17	11.85	258.16
1/4			8.1	255.1
℄ Rdw.			8.4	254.8
1/4			8.3	254.9
el			8.0	255.2
N.			5.8	257.4
+15			0.5	262.7
		135' S.W. of 0.0		
N-10			4.1	259.1
N			7.3	255.9
el			9.1	254.1
1/4			9.2	254.0
℄ Rdw			9.4	253.8
1/4			8.5	254.7
el			5.3	257.9
+10			1.4	261.8
+14=S			0.0	263.2
	1+67.5 of 00 = P.C.		Δ 23°-24'	
S			+1.5	264.7
+4			0.8	262.4
+14=el.			4.4	258.8
1/4			9.1	254.1

263.17

9th St.

+4		10.8	252.4
℄ Rdw.		10.55	252.62 on Hub
1/4		10.4	252.8
el		10.4	252.8
+6=N.		9.2	254.0
+10		6.5	257.7
Curve Divided into 4 Parts			
Part #1	1+93.40 ℄ Rdw.		
27.3 N. of ℄ Rdw = N Line St		11.4	251.8
26. " " " "		11.4	251.8
20' " " " = N. el.		11.4	251.8
10 " " " " = N 1/4		11.8	251.4
℄ Rdw.		11.9	251.3
10' S of ℄ Rdw = 1/4		7.9	255.3
20' " " " = el		4.0	259.2
30' " " " = Improvement Line		0.5	262.7
33' " " " = S. Line		+1.0	264.2
Part #2	2+20.20 ℄ Rdw.		
30' S ℄ Rdw. = S. Line St.		1.3	261.9
20' " " " = el		5.5	257.7
10' " " " = 1/4		9.5	253.7
4' " " "		12.2	251.0
℄ Rdw		12.4	250.8
10' N. " " = 1/4		12.9	250.3
20' " " " = el		12.5	250.7
26' " " "		12.6	250.6
32' " " " = N Line at Δ		12.5	250.7

263.17

Part #3. 2+46.80 ℄ Rdw.

27.3 W of ℄ Rdw = W Line		13.4	249.8
26' " " " "		13.5	249.7
20' " " " = el		13.2	250.0
12' " " " = 1/4		13.8	249.4
℄ Rdw		13.4	249.8
10' E " " " = 1/4		12.5	250.7
20' " " " = el		8.1	255.1
30' " " "		3.0	260.2
33' " " " = E. Line		1.3	261.9
T.P.	3.79	256.41	10.55 252.62 on P.C. & Hub

Part #4 P.C.C. Sta 2+73.41 on ℄ Rdw.

34' E. of ℄ Rdw = E. Line		+0.5	256.9
30' " " " "		1.6	254.8
20' " " " " = el.		5.3	251.1
14' " " " "		7.6	248.8
10 " " " " = 1/4		7.8	248.6
" "		7.6	248.8
10' W " " " = 1/4		7.5	248.9
20' " " " " = el		6.3	250.1
26' " " " " = W. Line		4.3	252.1

Next curve divided into 6 Parts

Part #1 station 2+93.42 ℄ Rdw

26.8 W. of ℄ Rdw = W. Line		3.2	253.2
26' " " "		3.4	253.0
20' " " " = el.		5.3	251.1
10' " " " = 1/4		8.3	248.1

256.41

℄ Rdw		8.4	248.0
10' E of ℄ Rdw = 1/4		8.5	247.9
14' " " "		8.7	247.7
20' " " " = el		6.4	250.0
30' " " "		2.8	253.6
33.3 " " " = E. Line		0.0	256.4

Part #2 station 3+13.43 on ℄ Rdw.

31.5 E. of ℄ Rdw = E. Line		3.7	252.7
30' " " "		4.5	251.9
20' " " " = el		8.8	247.6
10' " " " = 1/4		9.3	247.1
" "		9.3	247.1
10' W " " " = 1/4		8.7	247.7
20' " " " = el		6.4	250.0
24' " " "		4.8	251.6
28.5 " " " = W. Line		4.2	252.2

Part #3 Sta 3+33.44 on ℄ Rdw.

31.7 W. of ℄ Rdw = W. Line		6.4	250.0
26' " " "		7.4	249.0
20' " " " = el		8.4	248.0
10' " " " = 1/4		10.1	246.3
" "		10.1	246.3
10' E " " " = 1/4		10.0	246.4
20 " " " = el		9.4	247.0
29.4 " " " = E. Line		6.5	249.9

256.41

Δ on E. Line		5.3	251.1
Δ " W. "		8.2	248.2
Part #4 sta. 3+53 45 on ℄ Rdw			
27.6 E. of ℄ Rdw = E. Line		4.1	252.3
20. " " " " = ditch		7.0	249.4
20 " " " " = ¼		10.4	246.0
℄ Rdw		11.0	245.4
10' W " " " = ¼		11.4	245.0
20' " " " = ditch		11.0	245.4
26' " " "		10.0	246.4
32.2 " " " = W. Line		9.7	246.7
Part #5 sta. 3+73 46 on ℄ Rdw.			
30.5 W of ℄ Rdw = W. Line		12.2	244.2
26' " " "		12.2	244.2
20' " " " = ditch		11.8	244.6
10' " " " = ¼		11.8	244.6
" "		11.6	244.8
6' E " "		11.1	245.3
10' " " " = ¼		9.7	246.7
20' " " " = ditch		5.9	250.5
29.5 " " " = E. Line		1.1	255.3
Part #6 E. E. sta. 3+93 47 on ℄ Rdw. = ℄ 9th st			
30' E. of ℄ Rdw = E. Line		1.5	254.9
20' " " " = ditch		5.7	250.7
10' " " " = ¼		9.2	247.2
" "		12.0	244.4

256.41

9th St

54

10' W. of ℄ Rdw = ¼		12.5	243.9
20' " " " = ditch		12.5	243.9
30' " " " = W. Line		12.4	244.0
sta 4+35			
W.		11.0	245.4
+6		13.3	243.1
ditch		13.8	242.6
¼		13.6	242.8
℄		13.9	242.5
¼		12.0	244.4
ditch		9.5	246.9
E		6.7	249.7
sta 4+55			
E		8.7	247.7
ditch		11.6	244.8
¼		14.3	241.1
T.P.	6.80	250.29	12.92	243.49
℄			7.9	242.4
¼			8.0	242.3
ditch			7.2	243.1
W. Line			4.3	246.0

250.29

Sta 5+00

N	4.6	245.7
el	7.1	243.2
1/4	8.8	241.5
℄	9.4	240.9
1/4	9.4	240.9
+4	9.0	241.3
el	7.0	243.3
E	2.2	248.1

Sta. 5+40.

E	+0.8	251.1
el	2.0	248.3
1/4	7.3	243.0
+5	10.0	240.3
℄	10.1	240.2
1/4	10.1	240.2
+8	10.1	240.2
el	9.5	240.8
W	6.4	243.9

5+69 61 P.C. East Curb

W	8.0	242.3
+7	10.8	239.5
el	11.0	239.3
1/4	10.6	239.7
℄	11.0	239.3
1/4	8.4	241.9
el	4.9	245.4
E	1.1	249.2

250.29

Sta 5+74.32 Δ on E Line

30' E of ℄ = Δ on E Line	1.7	248.6
20' " " "	5.6	244.7
10' " " "	8.1	242.2
℄	11.0	239.3
10' W of ℄ = 1/4	10.8	239.5
20' " " " = el	11.1	239.2
30' " " " = W. Line	8.1	242.2 274.95

Sta 6+02.20 = Δ on W. Line

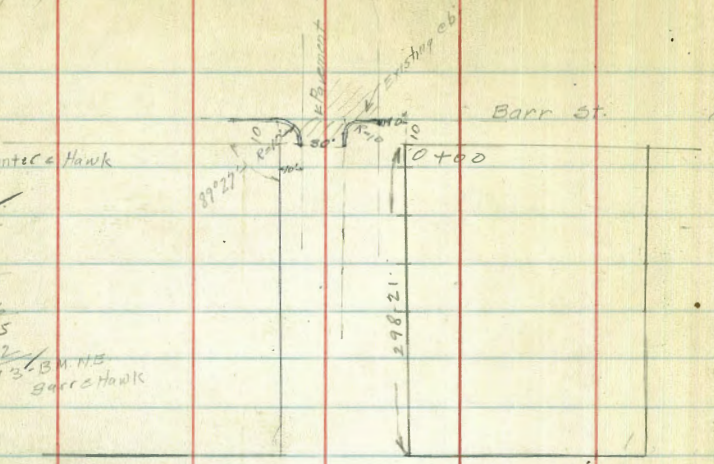
30' W of ℄ = W. Line	11.7	238.6
20' " " " = el	11.2	239.1
10' " " " = 1/4	11.2	239.1
℄	11.5	238.8
10' " " "	11.6	238.7
20' " " "	9.5	240.8
30' " " "	7.9	242.4
40' " " "	6.6	243.7

Sta 6+19.23 = P.I. { ℄ 9th St. Produced from North / N. Line Robinson } See. taken on N. Line Robinson

50' E. of ℄	5.4	244.9
40' " " "	7.7	242.6
30' " " "	9.2	241.1
20' " " "	11.5	238.8
10' " " "	11.8	238.5
B.M. ℄	11.61	238.68 on Hub
10' W. of ℄	11.5	238.8
20' " " "	11.5	238.8
24.30 W. of ℄ = W. Line	11.6	238.7
30' " " "	11.6	238.7

		250.29			
T.P.	13.19	262.67	0.81	249.48	
T.P.	11.96	274.36	0.27	262.40	
T.P.	5.47	278.33	1.50	272.86	
chk on B.M.			3.40	274.93 ~~274.95~~	NW. 8th + Robinson

12/7/29 London.



B.M. N.W. Hunter & Hawk

268.49 ✓
+0.40
268.89
-12.50
256.39
+0.56
256.95
-9.02
247.93 B.M. N.E. Barr & Hawks

Xsec Goldfinch St. From Barr South

57

80' St 14' eb 3 52' Rdway

BP N.E. Barr & Hawk

B.M.	3.27	251.20		247.93 ✓
0-10 = 3 eb line Barr				
W.L. top eb			7.30	243.90
W.L. gut			7.92	243.28
+10	Pav		8.15	243.05
eb	✓		8.26	242.94
¼	✓		8.48	243.72
½	✓		8.77	242.43
+10	✓		8.95	242.25
+10	top eb		8.32	242.88
¼	top eb		8.38	242.82
½	gut		9.02	242.18
eb	top eb		8.74	242.46
eb	gut		9.35	241.85
+4	Pav (end Pave eb)		9.47	241.73
+4	top eb		8.85	242.35
E.L.			9.8	241.4
0-05				
E.L.			9.7	241.3
+10			8.5	242.7
eb			8.6	242.6
½			8.4	242.8
+11.7	top eb on cut.		8.25	242.95
+11.7	Pav		8.80	242.40
¼	Pav		8.74	242.46
¼	Pav		8.23	242.97
eb	Pav		7.97	243.23

Plotted 12/14/29 T.V.

Note: Secs 0-10, 0-05 - 0+00 taken ⊥ to S.L. Barr st. Others ⊥ to Goldfinch.

0-05		251.20		
web + 5 ±	top eb on ret		7.34	243.86
web + 5 ±	Paw		7.94	243.26
			7.28	243.92
W.L. on S.W.				
0 + 00 = S.L. Barr.				
W.L.			6.4	244.8
+9			5.9	245.3
+10	top eb		7.36	243.84
+10	paw		7.94	243.26
cb	v		7.93	243.27
¼	v		8.14	243.06
℄	v		8.76	242.44
℄	top eb on ret.		8.30	242.90
¼			8.2	243.0
eb			8.6	242.6
E.L.			9.9	241.3
0 + 02				
E.L.			9.9	241.3
cb			8.7	242.5
¼			8.2	243.0
℄			8.0	243.2
+2			7.6	243.6
44			5.0	246.2
¼			3.6	247.6
eb			2.5	248.7
+6			2.2	249.0
+7			4.7	246.5

Goldfinch.

58

0 + 02		251.20		
W.L.			4.4	246.8
1'W			1.9	249.3
5'W			1.8	249.4
0 + 40				
W.L.			0.2	251.0
eb			2.2	249.0
¼			5.2	246.0
+7			6.6	244.6
℄			9.7	241.5
¼			10.6	240.6
eb			11.0	240.2
E.L.			11.1	240.1
0 + 50				
15'E			17.1	234.1
E.L.			13.2	238.0
eb			12.9	238.3
¼			12.0	239.2
℄			10.4	240.8
+7			9.0	242.2
¼			6.5	244.7
eb			1.7	249.5
W.L.			+0.2	251.4
T.P.	3.94	243.89	11.25	239.95

Goldfinch

0+70		243.89			
12° 10'W			+8.6	252.5	2.0
W.L.			+7.5	251.4	1.0
+12			+5.7	249.6	0.2
eb			+4.3	248.2	1.2
1/4			2.1	241.8	
℄			4.6	239.3	
1/4			7.6	236.3	
+6			9.3	234.6	
eb			12.4	231.4	
15° E.L.			18.9	225.0	8.2
10'E			22.4	221.5	9.0
50'E			31.9	212.0	7.7
T.P.	-1.22	238.73	3.94	239.95	
1+06					
-20° 50E			36.5	202.2	4.0
E.L			18.9	219.8	4.4
eb			13.9	224.8	4.4
1/4			9.7	229.0	
+6			8.4	230.3	
℄			3.5	235.2	
1/4			1.0	237.7	
+15° eb			+2.1	240.8	4.9
+5 5/5			+3.3	242.0	5.2
+7			+6.3	245.0	2.6
W.L.			+9.4	248.1	1.3
10'W.			+12.0	250.7	1.4

Goldfinch

		238.73			
TP	9.79	235.68	12.84	225.89	
1+19					
+15° 10'W			+10.9	246.6	2.5
W.L.			+7.5	243.2	3.2
eb			+3.3	239.0	3.7
1/4			+0.6	236.3	2.9
+9 5			1.8	233.9	
℄			3.5	232.2	
+7			7.8	227.9	
1/4			9.5	226.2	
eb			13.7	222.0	
-19° E.L			18.1	217.6	4.3
50'E			35.5	200.2	4.7
TP	6.04	231.93	9.79	225.89	
1+36					
-19° 60E			38.8	193.1	4.6
26E			26.1	205.8	3.5
10E			21.5	210.4	4.3
E.L.			18.9	213.0	5.1
eb			13.7	218.2	4.7
1/4			9.1	222.8	
+8			6.8	225.1	
℄			4.5	227.4	
+4			3.6	228.3	
+15° 1/4			+0.8	232.7	2.7

Goldfinch.

1+36		231.93			
+15° eb			+4.7	236.6	4.3
W.L.			+9.4	241.3	4.4
10 W			+12.4	244.3	4.8
TP	1.13	227.02	6.04	225.89	
1+57					
+17° 15 W			+12.5	239.5	4.2
W.L.			+8.1	235.1	4.1
eb			+4.6	231.6	8.4
¼			+0.2	227.2	3.8
±			4.5	222.5	
¼			8.3	218.7	
eb			12.2	214.8	
-20° E.L.			17.4	209.6	2.9
5 E			19.1	207.9	2.8
28 E			28.4	198.6	3.8
70 E			44.3	182.7	4.6
T.P.	6.30	221.17	12.15	214.87	
1+78					
-20° 70 E			47.7	173.5	8.0
67 E			44.9	176.3	6.3
54 E			41.6	179.6	7.7
(81.8) 37 E			30.2	191.0	2.4
(63.5) 19½ E			26.1	195.1	0.7
E.L.			16.3	204.9	1.8
eb			12.5	208.7	5.0

Goldfinch.

1+78		221.17			
¼			9.0	212.2	4.3
±			5.0	216.2	
+22° ¼			+0.6	221.8	4.6
eb			+5.6	226.8	4.9
W.L.			+10.1	231.3	6.0
15 W			+14.4	235.6	7.7
TP	1.85	216.72	6.30	214.87	
2+02					
+19° 15 W			+14.6	231.3	4.3
W.L.			+10.0	226.7	3.8
eb			+5.7	222.4	3.3
¼			+0.4	217.1	4.1
+11			4.1	212.6	
±			4.5	212.2	
¼			9.7	207.0	
-22° eb			15.3	201.4	4.8
+6			18.4	198.3	5.5
E.L.			23.6	193.1	7.5
10 E			24.5	192.2	4.4
(80) 34½ E			37.6	185.1	1.8
(94) 47½ E			37.3	179.4	2.4
50 E			40.2	176.5	4.1
61 E			42.7	174.0	2.2
70 E			48.0	168.7	3.9
T.P.	9.09	213.00	12.91	203.91	

Gold finch

2+21		213.00			
-22° 70 E			47.9	165.1	3.8
58 E			41.7	171.3	2.4
53 E			40.5	172.5	3.2
41 E			41.5	171.5	9.0
31 E			38.7	174.3	10.2
21 E			37.2	175.8	12.7
8 E			26.6	186.4	7.3
3 E			22.3	190.7	15.0
E.L.			20.9	192.1	4.8
eb			15.2	197.8	4.7
¼			10.0	203.0	4.8
+5			7.9	205.1	4.8
±			4.7	208.3	
+2			3.8	209.2	
+25° ¼			+0.7	213.7	5.4
eb			+4.1	217.1	8.0
W.L.			+9.6	222.6	9.0
15 W			+16.7	229.7	9.0
T.P.	4.89	208.80	9.09	203.91	

Goldfinch

2+36		208.80			
+25° 15 W			+18.4	227.2	7.3
W.L.			+11.9	220.7	6.7
eb			+6.2	215.0	5.9
¼			+1.6	210.4	4.5
+11			4.1	204.7	
±			4.8	204.0	
+8			9.4	199.4	
¼			10.4	198.4	
-23° eb			15.8	193.0	4.8
E.L.			20.4	188.4	3.4
9 E			23.5	185.3	2.8
(69½) 74½ E			33.9	174.9	6.5
30 E			39.7	169.1	10.1
73½ E			53.3	155.5	5.4
T.P.	2.30	206.21	4.89	203.91	
2+53					
-26° 70 E			59.0	147.2	5.2
58 E			55.7	150.5	7.8
50 E			50.0	156.2	6.0
32 E			35.6	170.6	0.4
25 E			37.1	169.1	5.4
20 E			34.2	172.0	4.9
E.L.			27.7	178.5	8.2
eb			17.0	179.2	4.3
¼			10.6	195.6	
±			4.8	201.4	

Goldfinch

2+53		206.21			
℄ +2			4.1	202.1	
(+20°) ¼			+0.8	207.0	3.9
eb			+5.7	211.9	3.8
WL			+10.3	216.5	4.2
15W			+15.5	221.7	4.4
T.P.	9.24	202.52	12.93	193.28	
2+70					
(+20°) 15'W			+15.2	217.7	4.7
WL			+10.3	212.8	4.2
eb			+5.5	208.0	4.0
¼			+0.5	203.0	4.2
+11			3.8	198.7	
℄			4.6	197.9	
¼			10.6	191.9	
(-27°) eb			19.6	182.9	3.4
E.L.			22.8	179.7	2.4
6E			28.0	174.5	4.5
10E			32.0	170.5	6.5
18E			36.0	166.5	6.4
29E			43.3	159.2	8.1
49E			47.6	154.9	2.2
70E			59.4	143.1	3.3
T.P.	3.00	196.28	9.24	193.28	

Goldfinch

196.28

2+98 2/1 = N.C. Hunter on East			
(-29°) 70E	63.1	133.2	2.5
60E	61.0	135.3	5.8
18E	37.6	158.7	5.5
EL	30.6	165.7	8.4
+6	28.4	167.9	9.6
eb	22.3	174.0	7.9
¼	12.4	183.7	5.2
℄	4.7	191.6	
+2	3.7	192.6	
(+17°) ¼	+1.1	197.4	2.9
eb	+5.5	201.8	2.4
WL	+9.7	206.0	2.5
15W	+13.2	209.5	3.5
2+99 = N.C. Hunter on west same as 2+98 2/1			
T.P. 8.43	19.98	12.73	183.55
3+15			
(+17°) 15W	+8.7	200.7	8.7
WL	+7.5	199.5	4.7
eb	+5.2	197.2	2.7
¼	+0.7	192.7	3.3
+11	4.0	188.0	
℄	4.8	187.2	
¼	12.5	179.5	
(-29°) +7	15.3	176.7	4.3
+8	17.5	174.5	5.9
eb	20.6	171.4	6.2

Goldfinch

3+15		191.98			
(-21°) cb +4			21.1	170.9	4.5
E.L			27.9	163.1	5.7
19° E			43.4	148.6	10.5
(-27°) 70 E			61.9	130.1	5.8
T.P	2.91	186.46	8.43	183.55	
3+38					
70 E			61.2	125.3	
54 E			57.0	129.5	
21 E			48.2	143.3	
E.L			29.4	157.1	
cb			19.1	167.4	
+5			15.9	170.6	
1/4			14.8	171.7	
+5			13.2	173.3	
¢			7.6	178.9	
+2			7.4	179.1	
1/4			3.4	183.1	
cb			0.1	186.4	
w.L			0.0	186.5	
7 W			1.6	184.9	
15 W			+2.8	189.3	

Goldfinch

= S.L Hunter on East.

3+48 1/2		186.46		
15 W			4.7	181.9
3 W			8.4	178.1
w.L			7.4	179.1
cb			6.4	180.1
+1/2			8.1	178.4
1/4			9.6	176.9
¢			14.3	172.2
T.P	2.84	176.83	12.47	173.99
1/4			6.6	170.2
cb			13.1	163.7
E.L.			22.8	154.0
52 E			48.1	128.7
3+49 = S.L Hunter on West Jamie 93 3+48 1/2				
3+57				
60 E			50.4	126.4
E.L.			23.9	152.9
cb			17.0	159.8
1/4			12.1	164.7
¢			6.3	170.5
+2			5.9	170.9
+8			4.8	172.0
1/4			4.8	172.0
cb			3.4	173.4
+4			2.4	174.4
w.L			2.8	174.0
15 W			+0.8	177.6

		176.83		
M.H. at 3+70 on W.L.				
+0 b			6.20	170.63
F.L.			9.94	166.89
M.H. at 3+42	9' E. of ℄			
+0 p			2.84	173.99
F.L.			10.30	166.53
M.H. at 2+48	27' E of E.L.			
+0 b			3.70	173.13
F.L.			11.04	165.79
M.H. at 1+32	7' W of W.L.			
+0 b.			2.09	174.74
F.L.			9.46	167.37
3+66				
15 W			3.0	173.8
W.L.			6.1	170.7
c b			6.7	170.1
+11			6.6	170.2
¼			7.5	169.3
+11			11.4	165.4
℄			12.3	164.5
T P	1.09	165.09	12.83	164.00
¼			4.3	160.8
c b			10.5	154.6
E.L.			16.3	148.8
60 E			40.9	124.2

3+88		165.09		
40 E			34.9	130.2
20 E			28.0	137.1
E L			21.2	143.9
e b			16.4	148.7
¼			13.1	152.0
℄			10.0	155.1
+2			9.8	155.3
¼			7.4	157.7
c b			4.4	160.7
+9			+1.4	166.5
W.L.			+2.1	167.2
15 W			+6.3	171.4
4+05				
8 W			+5.6	170.7
W.L			+3.1	168.2
c b			5.0	160.1
¼			9.3	155.8
T P	0.68	152.97	12.80	152.29
+11			2.1	150.9
℄			2.7	150.3
¼			5.2	147.8
c b			8.7	144.3
E.L.			12.1	140.9
20 E			19.2	133.8
40 E			29.2	123.8

Goldfinch

4+30	152.97			
40 E			28.6	124.4
E.L			15.5	137.5
eb			12.8	140.2
¼			9.3	143.7
E			6.0	147.0
+2			5.1	147.9
¼			+1.7	154.7
eb			+8.6	161.6
W.L.			+18.2	171.2
9w			+21.0	174.0
4+61				
10 w			+14.8	167.8
w.L.			+9.8	162.8
eb			+3.0	156.0
¼			4.1	148.9
+11			10.3	152.7
E			11.0	152.0
¼			16.5	146.5
eb			19.7	143.3
E.L.			24.0	129.0
15 E			27.0	126.0
20 E			30.0	123.0
25 E			26.2	126.8
35 E			23 6	129.4

Goldfinch

4+87	152.97			
20 E.			17.7	135.3
E L			23.2	129.8
+5			25.0	128.0
+7			29.3	123.7
+9			24.0	129.0
eb			23.6	129.4
¼			20.0	133.0
E			15.1	137.9
+2			14.3	138.7
T.P.	2.27	144.65	10.59	142.38
¼			2.9	141.8
eb			+1.6	146.3
W.L			+9.1	153.8
10 w			+15.0	159.7
5+28 = Channel of Canyon on E Goldfinch				
10 W			+ 3.1	147.8
W.L.			1.1	143.6
eb			6.5	138.2
¼			10.9	133.8
+11			13.1	131.6
E			12.8	131.9
+6			15.4	129.3
+10			19.0	125.7
¼			15.0	127.7
+2			15.2	129.5
eb			10.6	134.1

Goldfinch.

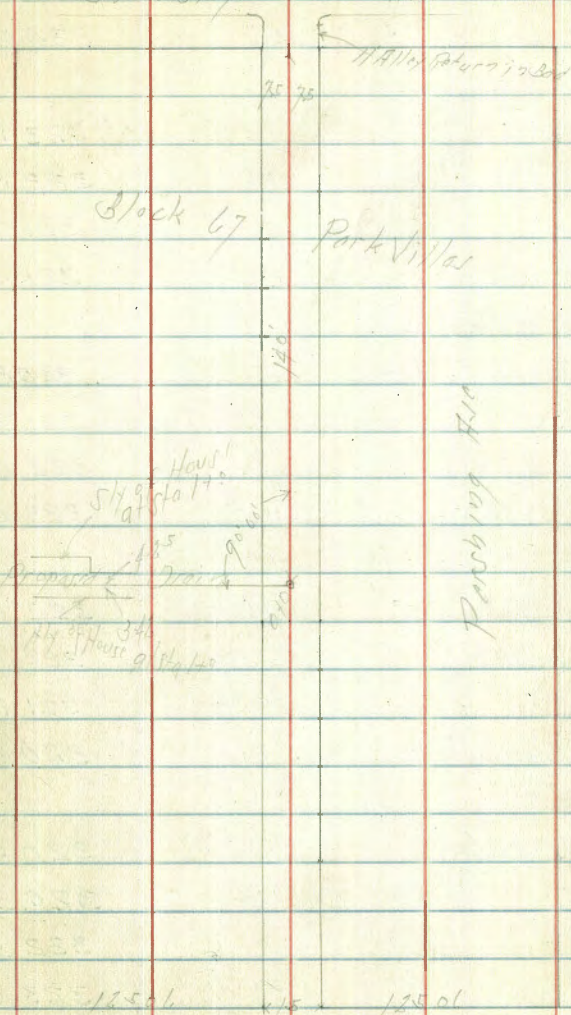
5728		144.65		
E.L.			6.3	138.4
T.P.	12.69	157.29	0.05	144.60
T.P.	12.14	169.27	0.16	157.13
T.P.	12.89	182.04	0.12	169.15
T.P.	12.66	193.88	0.82	181.22
T.P.	12.79	205.21	1.46	192.42
T.P.	12.59	217.79	0.01	205.20
T.P.	12.95	230.74	0.00	217.79
T.P.	12.33	243.04	0.03	230.71
T.P.	12.88	255.80	0.12	242.92
T.P.	12.86	268.53	0.13	255.67
N.W. Hunter & Hawick B.M			0.00	268.53 (268.49)

.04 error.

Alley Block 67 Park Villas
From Wightman to University
Between Villa Terrace And Pershing Ave

BM	0.36	33921		333.85	NE Mon of Univ Ore Cap
		S/ University			
F	Top Cb + Pave		5.36	333.85 ✓	
F	"		5.91	333.30 ✓	
W	Top Cb +		5.85	333.36 ✓	
		25'S of S/ Univ			
W			8.3	330.9	
E			8.2	331.0	
E			7.7	331.5	
TP	1.12	33143	9.40	329.81	
		50'S			
E			1.2	330.2	
E			2.1	329.3	
W			2.2	329.2	
		75'S			
W			3.8	327.4	
E			3.5	327.9	
E			3.2	328.2	
		100'S			
E			5.3	326.1	
E			5.5	325.9	
W			5.6	325.8	
		111'S			
-05	⊕ Garage Conc Floor		7.50	323.93 ✓	
W			7.2	324.2	

Plotted 1/30-30 CBH



331.43

	7.1	3243	
	6.7	3247	
140'S			
	8.3	3231	
	8.6	3228	
	9.7	3217	
	10.4	3210	
155'S			
-7 = N Edge Do Garage Conc Floor	10.60	32083 ✓	
	10.2	3212	
	9.2	3220	
	8.4	3230	
175'S			
	8.6	3228	
	9.3	3221	
	10.3	3212	
+7 = S Edge Do Garage Conc Floor	10.60	32083 ✓	
182'S			
-7 = SL Do Garage Conc Floor	10.83	32061 ✓	
	10.5	3209	
	9.1	3223	
	7.8	3236	
200'S			
E = North Edge Conc Foundation of Do Garage East Entrance 0.3 Ground	6.2	3252 ✓	
	7.2	3232	

331.43

	9.6	3238
	8.8	3226
225'S		
	4.3	3271
	4.4	3270
E 0.26 ground Conc Foundation 220	4.0	3274
	3.0	3284
	3.4	3280
	2.1	3283
250.6'S - N.L Wightman		
W Top Ch	2.52	327.91 ✓
W of Paving	3.69	327.75 ✓
	3.72	327.56 ✓
	2.25	328.18 ✓
E Top	2.38	329.05 ✓
N Curb of Wightman		
E of Paving	2.28	328.15
	2.81	327.57
	4.16	326.97

Proposed Drain
Across Block 67 Park Villas

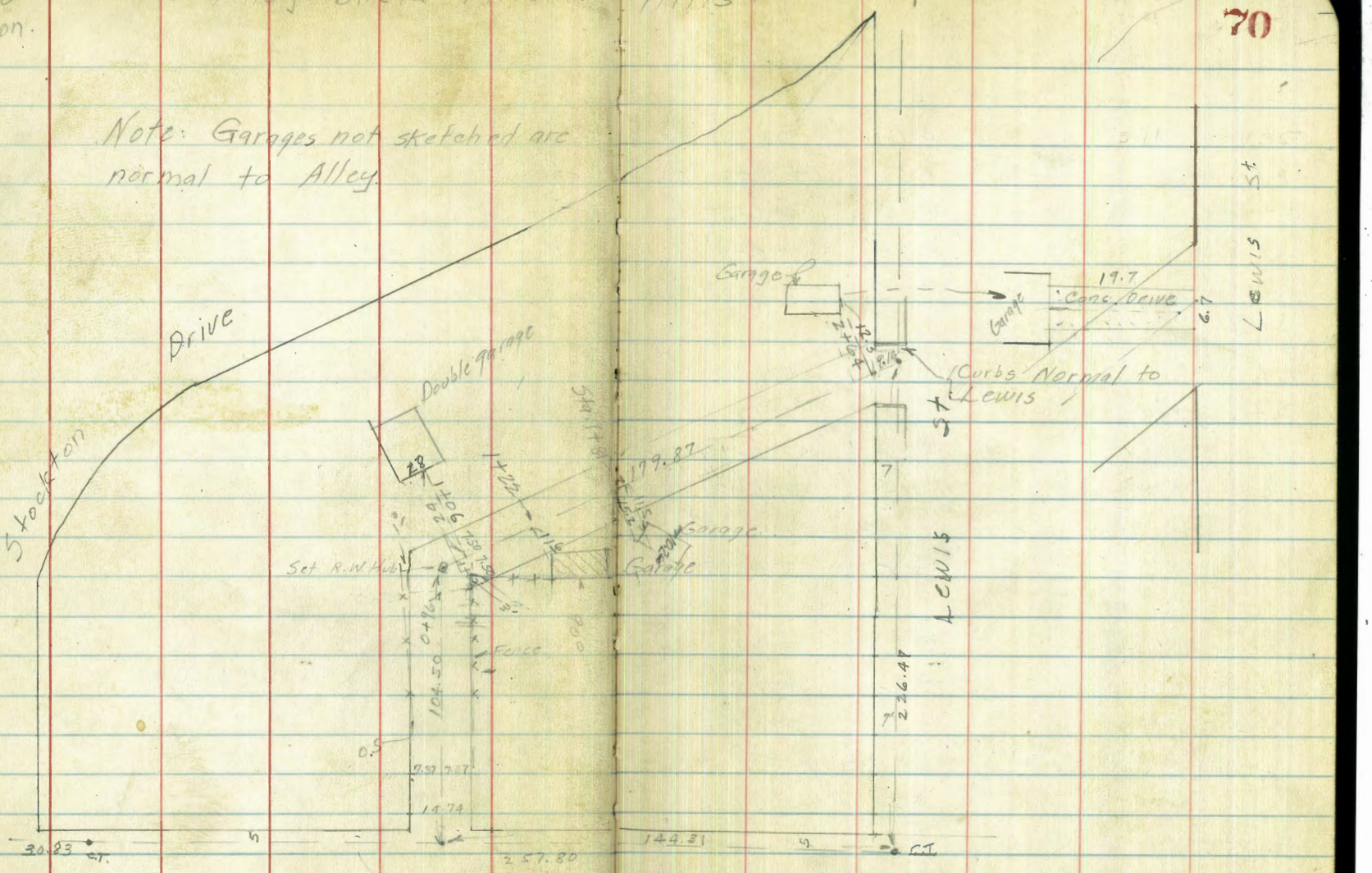
		331.43 B/	Ford.	See Page 67
1+0	3.93	327.93	10.63	320.80
0+0 = ℄ Alley			1.9	22.8
+10			3.8	21.4
+25			4.4	20.3
+50			5.3	19.4
+75			6.2	18.5
1+0			6.8	17.9
+25			5.9	18.8
+35 = E. High Conc Wall			5.1	19.3
+44.5 = East Top Ch of Villa Terrace			5.54	17.19
Gutter on Pavement			6.32	18.41

3.4 Yds Conc Foundation

7/3/30
Loudon.

X sec. Alley Blk 14 Mission Hills

Note: Garages not sketched are normal to Alley.



B.M	9.32	275.37		266.05
0-10 = w c b Stephens.				
S.L. top cb			H.66	270.71
S.L. gut			5.10	270.27
℄ gut			4.85	270.52
N.L. gut			4.60	270.77
N.L. top cb			4.05	271.32
0+00 - W.L. Stebbens.				
N.L.	top cb		3.95	271.42
N.L.	Pav		4.07	271.30
℄	Pav		4.56	270.81
S.L.	Pav stop cb		4.45	270.92
0+40 = ℄ Single garage Conc Floor. 3.7 South. ✓				
			5.32	270.05
0+40				
S.L.			5.3	270.1
℄			5.2	270.2
N.L.			4.9	270.5
0+45 = ℄ Single garage Conc Floor 1.9 North. ✓				
			4.28	271.09
0+55 = ℄ Single garage 10' North Conc Floor				
			3.69	271.68
abiron	3' North		4.56	270.81 ✓

N.W. Ft Stockton & Stephens.

Plotted 7-22-1930

0+55		275.37		
N.L.			4.9	270.5
℄			5.3	270.1
S.L.			5.5	269.9
0+64 (Fence on South 0.5 in Alley				
S.L.			5.5	269.9
℄			5.0	270.4
N.L.			5.0	270.4
0+96 Fence on South 1' out				
N.L.			4.8	270.6
℄			4.7	270.7
S.L.			5.1	270.3
Oblique Sec.				
N.L.			4.8	270.6
℄			4.8	270.6
S.L.			5.2	270.2
1+03				
W.L.			5.1	270.3
℄			4.8	270.6
E.L.			4.8	270.6
Garage obb sta 1+06			5.18	270.18 ✓
T.P.	7.49	278.18	4.66	270.71
Garage obb sta 1+22			5.90	272.28 ✓

1+30	278.18		
E.L		6.4	271.8
℄		6.8	271.4
W.L.		7.1	271.1
		Conc. Floor.	
1+47 = S end double garage		1.5 West	✓
		5.94	272.24
1+69 = N end Same garage		1.1 West	✓
		5.98	272.20
1+70			
W.L		5.6	272.6
℄		5.2	273.0
E.L.		5.1	273.1
2+00			
E.L.		4.3	273.9
℄		4.5	273.7
W.L		4.7	273.5
		Conc. Floor.	
2+28 = S end double garage		4' West	
		4.11	274.07 ✓
Apron W.L		4.3	273.9
2+46 = N end Same garage		3.8 West	
		4.00	274.18 ✓
2+28.			
W.L.		4.3	273.9
℄		3.9	274.3
E.L.		3.6	274.6

2+55	278.18		
E.L		3.2	275.0
℄		3.6	274.6
W.L		3.7	274.5 ✓
Garage opp Sta 2+64		3.71	274.47
2+64			
W.L on E. edge Conc Drive		3.72	274.46 ✓
2+73 ℄ intersects E. edge of Drive.			
℄		3.78	274.40
2+74.5			
W.L. on W. edge Conc. Drive		3.79	274.39
2+79.3 = St. Lewis			
W.L. top eb ℄ Pav		3.90	274.28
℄ Pav		3.98	274.20
E.L. top eb ℄ Pav.		3.50	274.68
South gutter of Lewis.			
E.L		4.24	273.94
℄		4.42	273.76
W.L.		4.64	273.54
W.L. top eb		4.16	274.02
TP	4.83	7.71	270.47
B.M Beginning	275.30	9.25	266.05

COAST. BLVD.

Copied from F.B. 1388-31

B.M.		
	0+00	
L		114 8
+15R	Elev. plotted from Hwy Maps 1/24-30 C.&G.S.	12 5
30R		11 8
50R		12.1
57R.		12 8
	0+46.67	
155R	Edge Bluff.	109 4
100R		9 2
50R		10 2
25R		11 0
L		10 6
	0+93.34	
L		109 0
25R		5 √
50R		5 3
60R Bluff		√ 3
T.P.		
	1+41.01 EC.	
55R Bluff		99 1
25R		99 8
L		100 7

	1+68.33 BC.	73
L		96 9
25R		66
√5R Bluff		√ 2
	2+23.20 EC	
100R Bluff		87 3
60R		87
45R		√ 8
30R		90 0
L		91 8
TP		
	2+50	
L		88 6
20R		7 5
25R		6 3
50R		√ 6
75R		√ 9
83R Bluff		4 1
	3+00	
50R		81 2
25R		2 0
L		3 2
	3+15	
L walk in front of House		83 26

	3+50	
L walk 2' in St.		80.03
20R		78.3
T.P.		
40R		72.8
50R		57
100R		44
120R Bluff		22
	3+76 61 end of Closing	
50R		72.9
30R		37
5R		25
L		6.4
	4+06	
L		72.2
18R		69.4
40R		60.9
55R		66.4
	4+26 84	
66'R Bluff		58.0
35R		64.2
L		70.9
	4+52	
L		73.7
30R		69.8
50R		65.7
70R Bluff		58.5
T.P.		
70R		49.7
45R		57.0
25R		61.3
L		66.7
	4+92	
L		69.6
25R		70.7
40R		71.8
60R		63.3
T.P.		
	5+29 82	
87R Bluff		69.3
60R		72.2
44R		73.3
30R		76.5
18R		76.1
L		74.8
T.P.		
	5+79 82	
L		83.4
25R		80.9
40R		79.4
65R		74.4
70R Bluff		72.1

6+31.08

50 R Bluff
30 R
12 R
L

6+48

L
12 R
35 R
45 R
55 R

6+83.86

60 R
50 R
42 R
20 R
L
10 L
12 L
22 L level of House
T.P.

7+46
8+13
8+83
8+87

9+12
8+91
7+68
7+17
6+21

6+31
6+91
6+53
7+17
7+85
8+60
8+80
9+42

7+14

22 L House
12 L
L
15 R
30 R
45 R
50 R
60 R

7+35.12

70 R
57 R
43 R
30 R
L
TP
TP

7+85.14

L
20 R
43 R
75 R

8+03.25

80 R
57 R
40 R
25 R

9+65
9+63
8+84
8+27
7+68
6+98
7+31
7+78

9+16
8+61
7+43
8+33
9+30

11+04
10+19
9+26
10+60

11+14
10+93
10+40
10+66

8+03.25

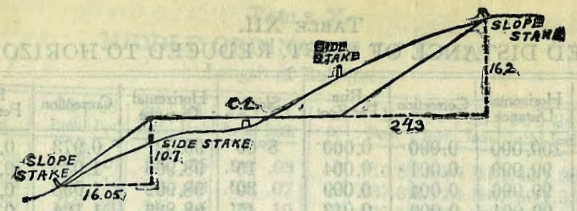
15R	1122
Baseline	1173
4L	1210
TP	

8+20

Line Top cb	1144
35R	1150
50R	1072
57R	1066
65R	1087

8+28

48R end of W cb	11424
30R	1158
15R	1168
Line	1169
7L	11600



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.

Hunters & Hawk N.W. 268.495
" " Jack Daw S.W. 269.01

268.49
0 40
268.89
12 50
256 39
0 56
256.95
9 02
247.93

71-15
18-45
90-00

2 0 5
6.5
1 3 3 5
1 4 7 0
1 5 9 2 5
6 5.5
6 3 9

80 ± 0.50'

13 30
5 88
7 42

14
10.9

52-28 150
4 229-50-30
57-29-37

50.29
41.50
8.79