1627

EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and SURVEYING INSTRUMENTS

Chicago New York San Francisco New Orleans Pittsburg Toronto

Distances from Center of Roadway for Cross-Sectioning
Roadway 16 feet wide. Side Slopes 1 on 1.
For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be 30.6+(20—16)÷2 or 2 ft. added to 30.6 =32.6. For slopes of 1 on 1½ see inside of back cover.

The paper stock of this book is made of a **high grade 50% rag** paper having a **water resisting surface.** This book is sewed with Bing **Special Enamel Waterproof Thread.**

Made in U. S. A.

Index

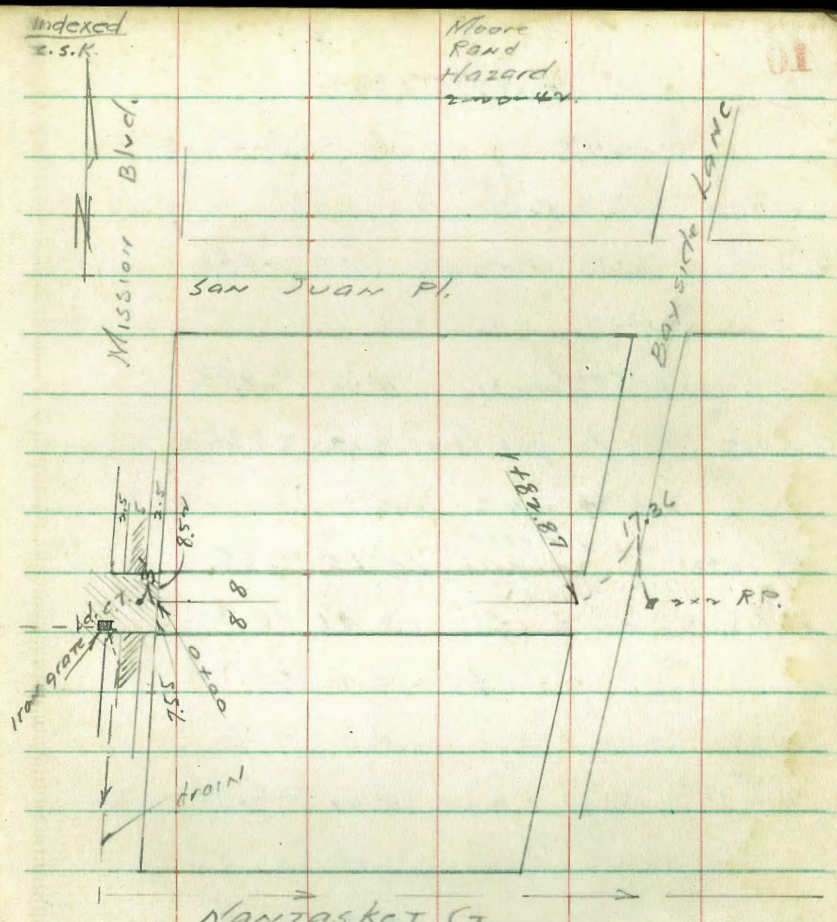
Xsec. alley 16' wide

Blk 155 Mission Beach

℄ Sta.

SWBP	0.97	8.04		7.07	San Juan Seawall
T.P	4.16	3.98	8.14	−0.18	
	0−10	E ⊄	Mission Blvd		
S Pav			4.68		−0.90
⊄ Top grate			4.98		−1.00
C Pav			4.86		−0.88
N "			4.85		−0.87
	0+0	E.L.	Mission Blvd		
N ⊄			4.31		−0.33
N Pav			4.97		−0.99
C "			4.89		−0.91
S "			4.98		−1.00
S ⊄			4.41		−0.43
	0+10				
S			4.3		−0.3
C			4.7		−0.7
N			4.5		−0.5

Rd. 2/28/62 W.O.



3.98

0+24.5			
S – 1.0 3" Iron pipe chain Bumper			
S – 2.43 W.L 3' Cem. walk	4.38	-0.40	
0+27			
S – 2.5 W.L Cem. apron	4.41	-0.43	
S – 4.5 " do. gar. Cem.	4.19	-0.21	
0+33			
N +0.53 W.L 1.5 Cem. walk	4.63	-0.65	0.53 IN alley
N +0.53 dirt	4.9	-0.9	
C	4.9	-0.9	
S	4.6	-0.6	
+ 2.5 Cem. apron	4.41	-0.43	
0+42			
N +0.45 Cem. apron	4.69	-0.71	0.45 IN alley
N – 1.0 W.L do. gar.	4.47	-0.49	
0+51			
S – 2.5 E.L. Cem. apron	4.46	-0.48	
S – 4.5 " do. gar. Cem.	4.20	-0.22	
0+54			
S – 0.8 E. end chain Bumper			

3.98

0+59			
N +0.33 E.L. Cem. apron	4.75	-0.77	0.33 IN alley
N – 0.67 E.L. do. gar.	4.50	-0.52	
N – 0.45 Leq. Con. Blk. wall			
0+67			
S +0.24 E W' Cem. apron	5.34	-1.36	0.24 IN 9 1/4 Level apron
S – 1.65 E Brick gar. Cem.	5.00	-1.02	
0+65			
S	5.2	-1.2	
C	5.2	-1.2	
+9.33 W.L Cem. apron	4.75	-0.77	0.67 IN
N +0.75 end Con. Blk. wall			
N +1.53 W.L do. gar. Cem.	4.53	-0.55	
0+68			
S – 1.16 Leq. Bd. Fence			
0+75.5			
S – 1.7 E 4' Brick Walk	5.12	-1.14	
0+83.5			
N +0.45 Cem. apron	4.72	-0.74	0.45 IN 9 1/4
N – 1.9 E.L. do. gar.	4.47	-0.49	

3.98

C	5.4	-1.4	
+9.3 in" P.P.			
S	5.4	-1.2	
0+84			
S -1.6 end Bd fence			
0+87.5			
S +0.05 WL CEM apron	5.26	-1.28	
S -4.8 WL do gar CEM	5.04	-1.04	
0+91.5			
N +0.33 CEM apron	4.76	-0.78	.033 IN ditch
N -4 WL do gar CEM	4.54	-0.56	
1+02.5			
S +0.05 EL CEM apron	5.40	-1.22	
S -4.9 " do. gar CEM.	4.98	-1.00	
1+10.8			
N -4.4 EL do. gar.	4.55	-0.57	
N " CEM apron	4.77	-0.79	on LINE
N dirt	4.9	-0.9	
C	5.6	-1.6	
S	5.4	-1.4	

3.98

1+18.4			
S WL CEM. apron	5.79	-1.81	on LINE
S -4.8 " S.IN gar CEM.	5.53	-1.55	
1+26.5			
S EL CEM apron	5.78	-1.80	" "
S -4.8 " S.IN gar.	5.56	-1.58	
1+30			
S WL CEM apron	5.79	-1.81	" "
S -4.8 " S.IN gar CEM	5.56	-1.58	
1+37.4			
S EL CEM. apron	5.76	-1.78	" "
S -4.8 " S.IN. gar.	5.56	-1.58	
1+41			
S	5.7	-1.7	
C	5.8	-1.8	
N WL edge CEM. apron	5.82	-1.88	on LINE
+8 apron + (W.L. 2' walk)	5.68	-1.70	
1+45.5			
S -0.5 beg. picket fence			

3,98

	1+68.30			
N-0.07	E.L. Cem. apron	5.96	-1.98	
N-8	" " gate apron	5.53	-1.55	
	1+68.35			
N-0.90	W.L. 3' Bot. Conc. Step	5.63	-1.65	also rev.d Beg. apron
N-1.75	" 3' Top Step	5.0N	-1.04	
	1+87.87 W.L. Bayside Lane			
S-0.3	end fence	5.8	-1.8	
C		5.9	-1.9	
N		5.5	-1.5	
+0.9	E.L. Conc. apron	5.43	-1.45	
+5	" Sim Cem. gate	5.4N	-1.44	
T.P.	3.60	2.15	5.43	-1.45	
Check to B.M. Spike	San Juan Bayside	1.17	+0.98	+0.99 0.01

See Tie Pt. Bk. #25

Moore Rand Hazard 9-18-40

Final Meas. on Bayside Lane Ventura Pl. N.ly

Beg. W.L. Meas.

Island Ct.

10

17.

70.1

14

80.1

16

Ventura Pl

Indexed C.S.R.

alley

5

20 ft.

58 ft. C/105

58 ft. D/105

Narrow headers

7 1/3 L.3 58 ft. 4/104

Isthmus Ct.

16'

N 58 ft. A/98

duct fence garage etc

7 58 ft. B/98

183.4

16

Final Est. 3-24-42

16

Island Ct.

Santa Barbara Pl.

21W.9

16

alley

D16.10

16

Jamaica Ct.

16

alley

Street

← -10 58.67 105
Cor. Blk West 1/2 N

Kennebeck Ct.

1999

16

Δ = 39°11'30"

R = 291

alley

153.6

B.C.

16

53

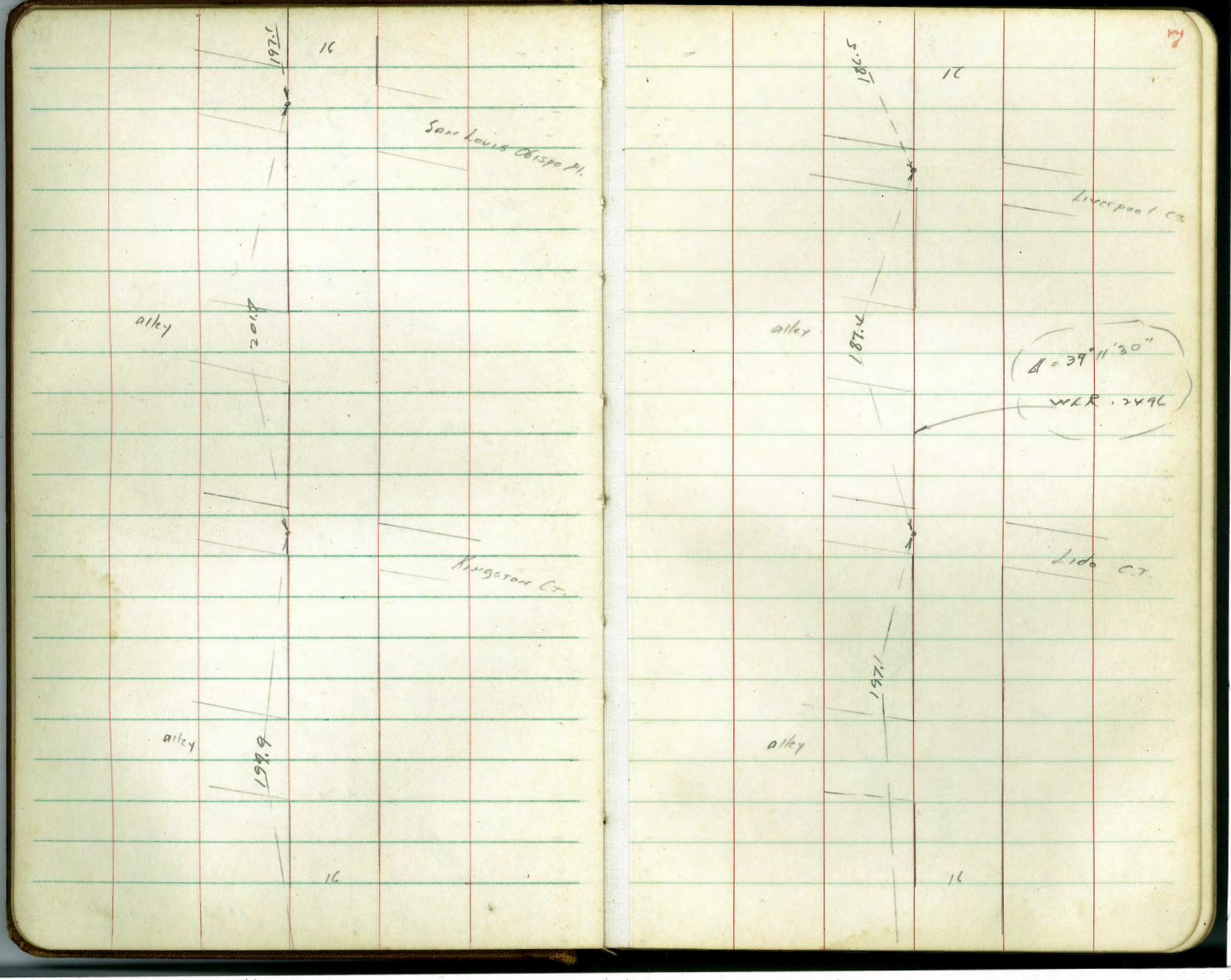
Jersey Ct.

21W.9

16

alley
(closed)

← Lot C
-21' acct. apron


197.5'
16
San Luis Obispo Pl.
alley
201.4'
Kingston Ct.
alley
198.8'
16
187.5'
16
Liverpool Ct.
alley
187.4'
Δ = 39°11'30"
WLR : 2496
Lido Ct.
197.1'
alley
16
7

El Carmel Pl.

S. 19.5

16

N. 19.9

-36 sq ft. Lot C
apron
138

-13 sq ft.
house & fence

Manhattan Ct.

16

alley

16

S. 18.5

N. 18.8

E.C.

83.4

Nahant Ct.

16

16

N. 18.3

alley

R = 4.96

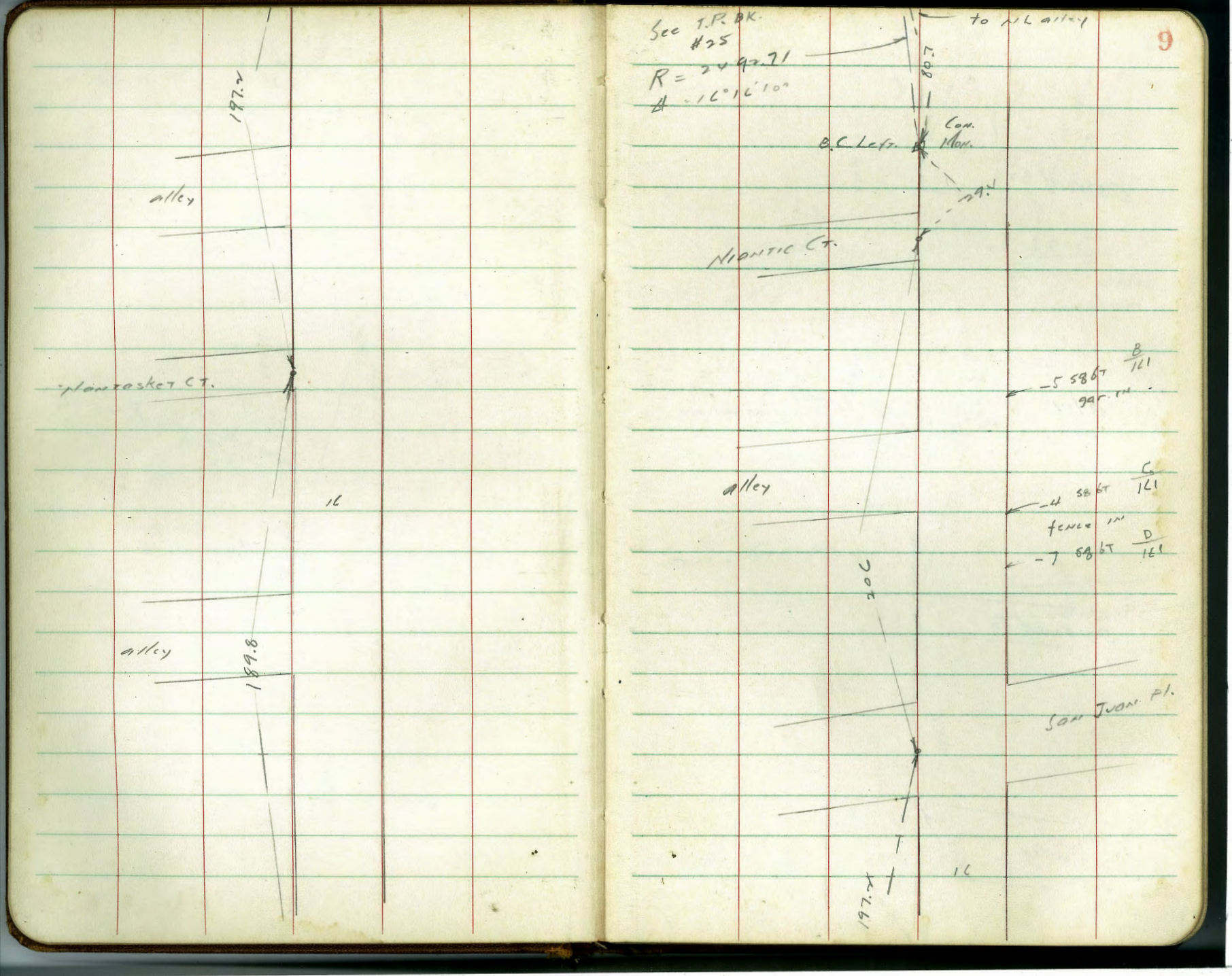
16

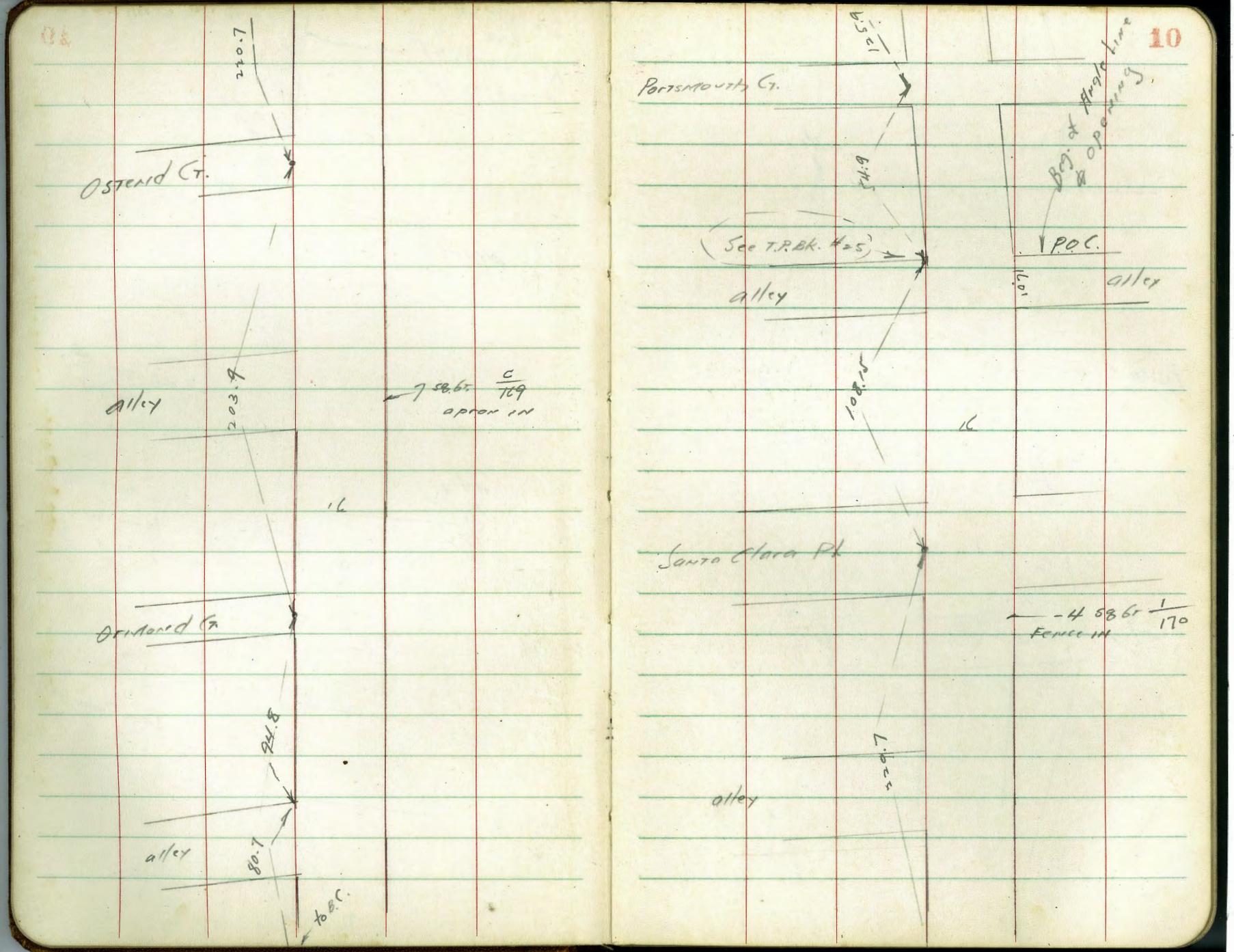
Monterey Ct.

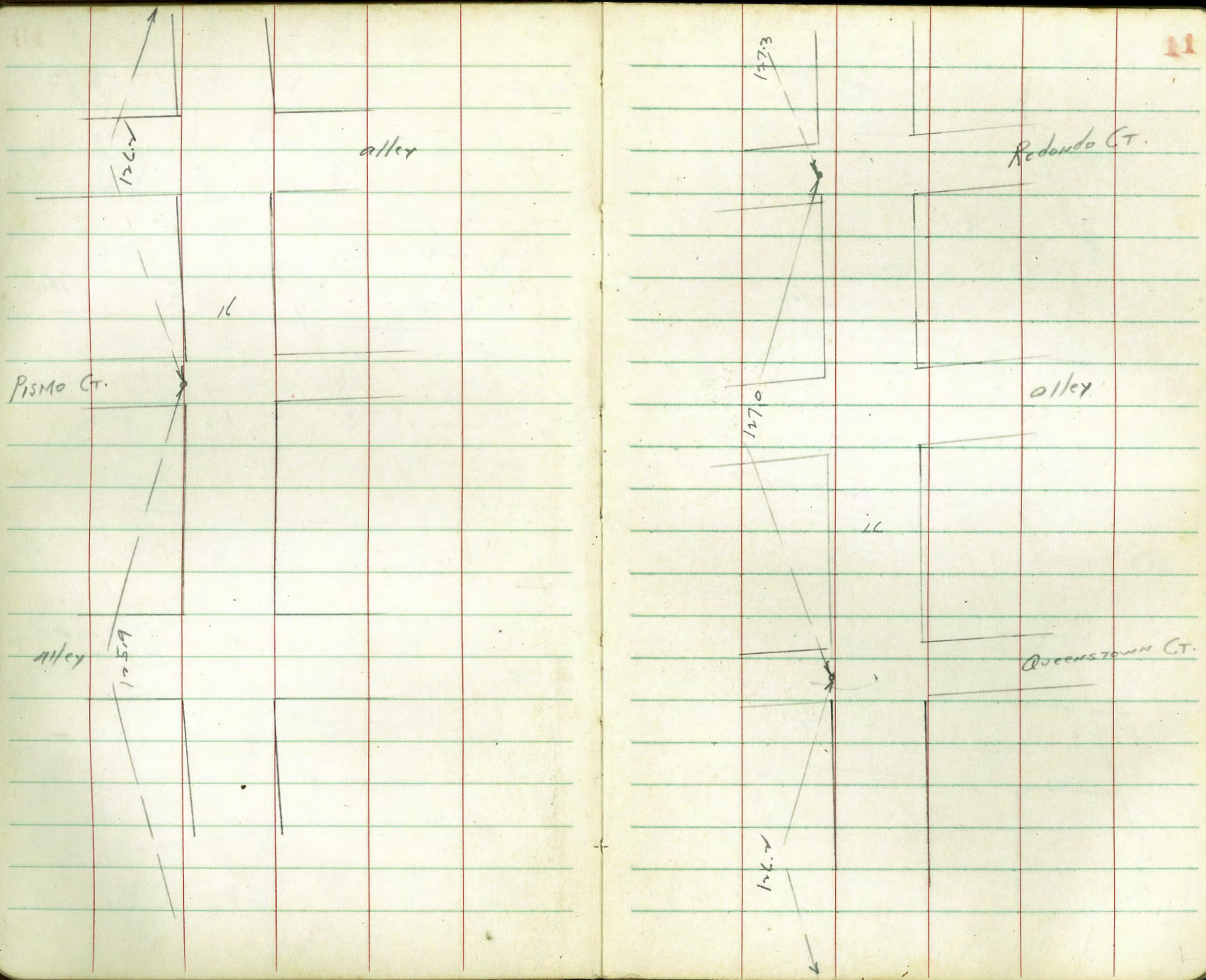
16

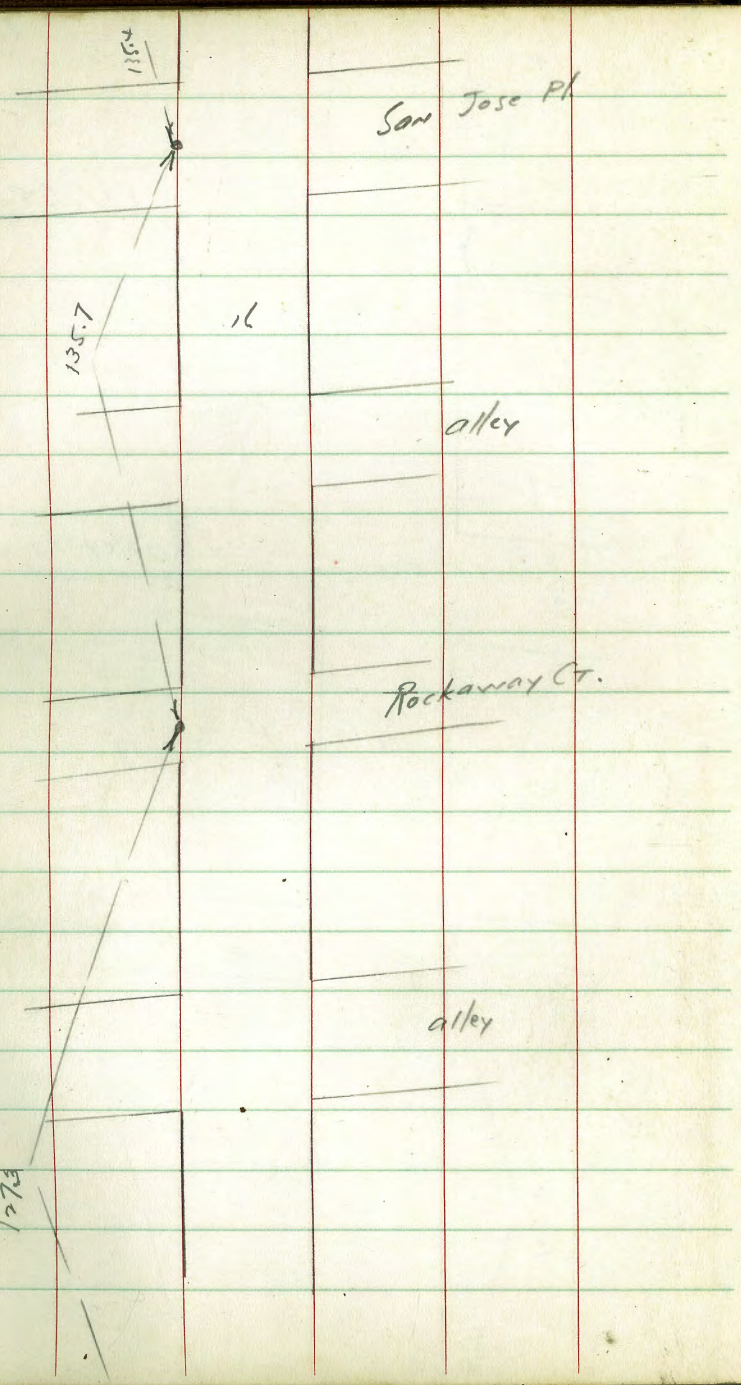
S. 17.5

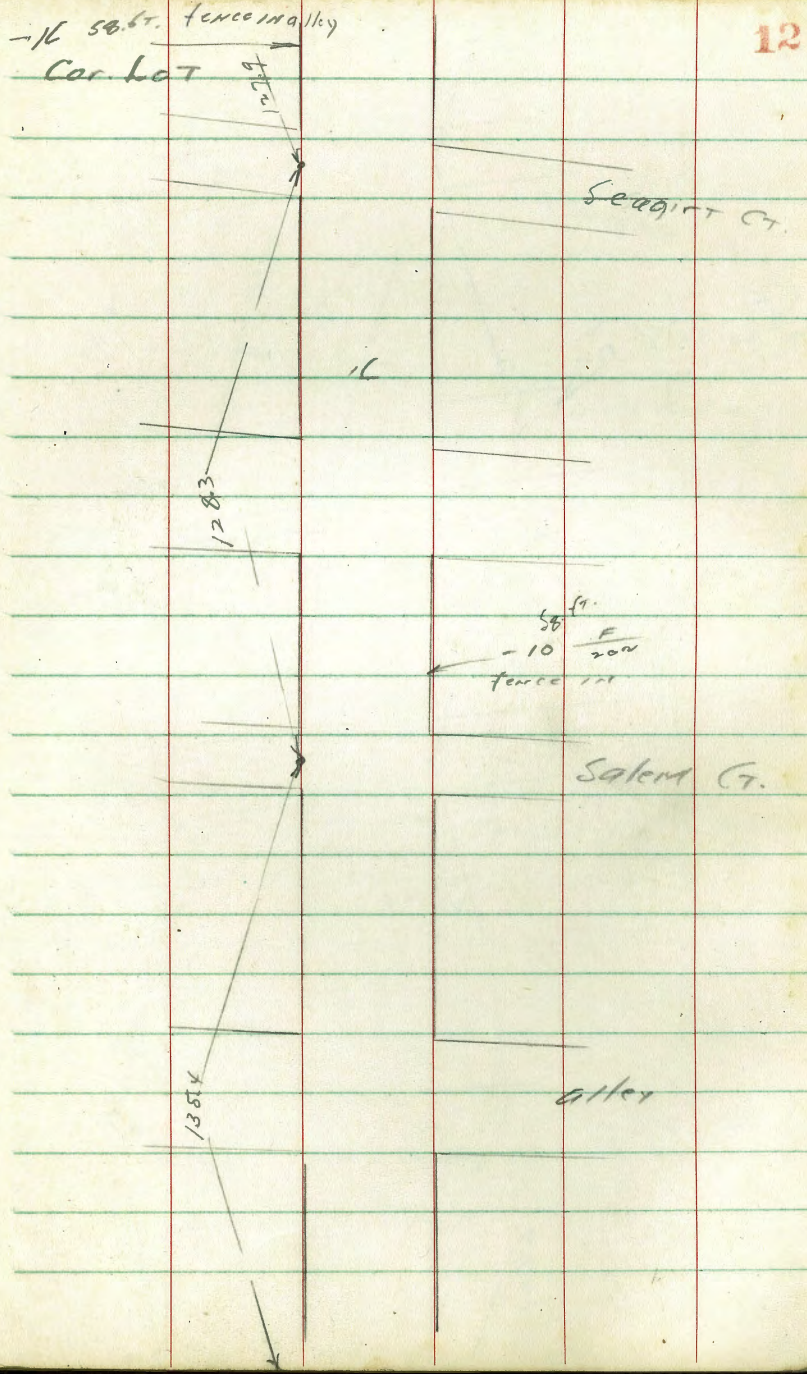
alley

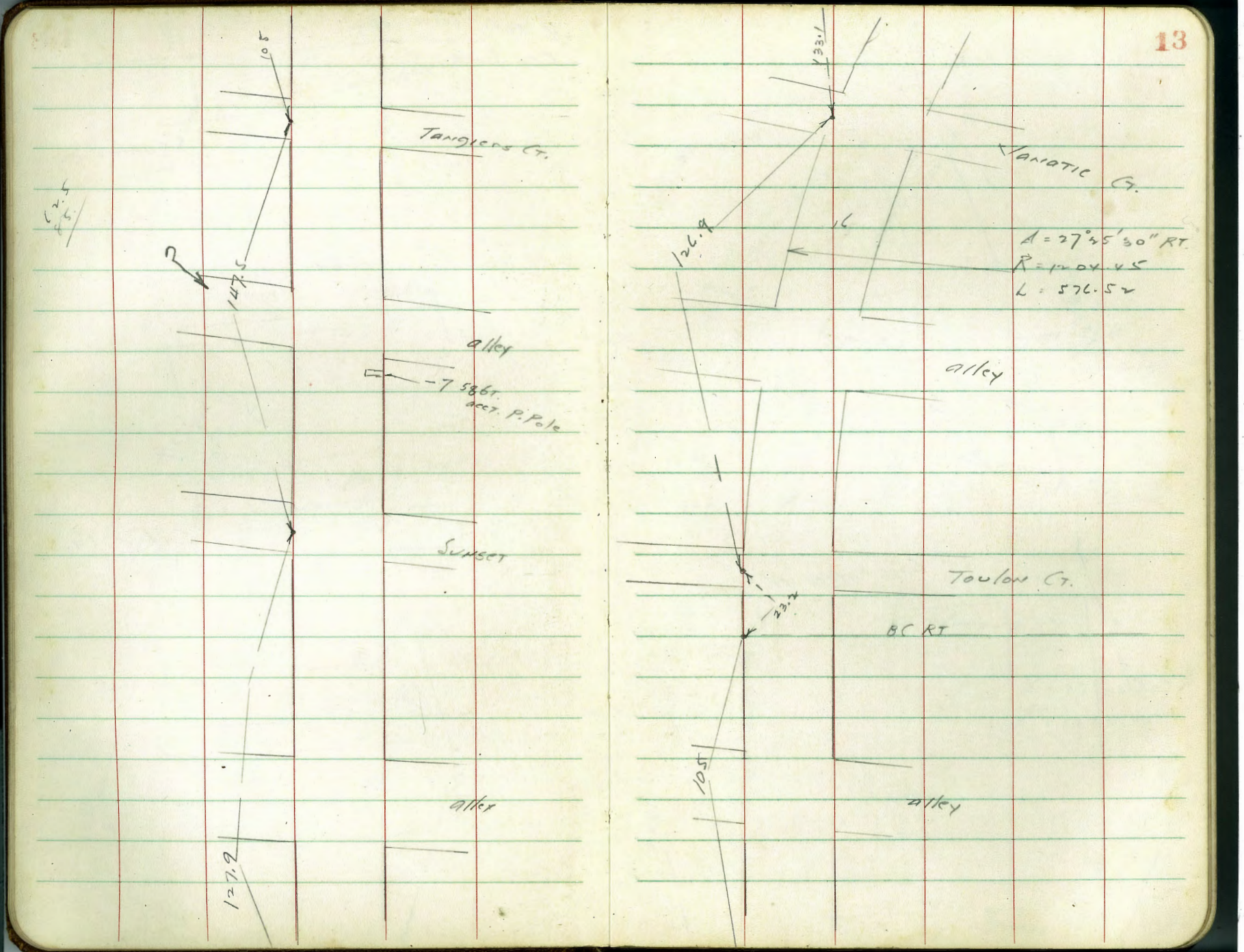

197.2
alley
Nantasket Ct.
16
alley
189.8
See T.P. Bk. #25
R = 249.71
Δ = 16°16'10"
to N.L. alley
80.7
Con. Mon.
P.C. Left
9.2
Nantic Ct.
8
16
-5 SB&T
gar. fd.
alley
6
16
-4 SB&T
fence in
D
16
-7 SB&T
San Juan Pl.
197.1
16

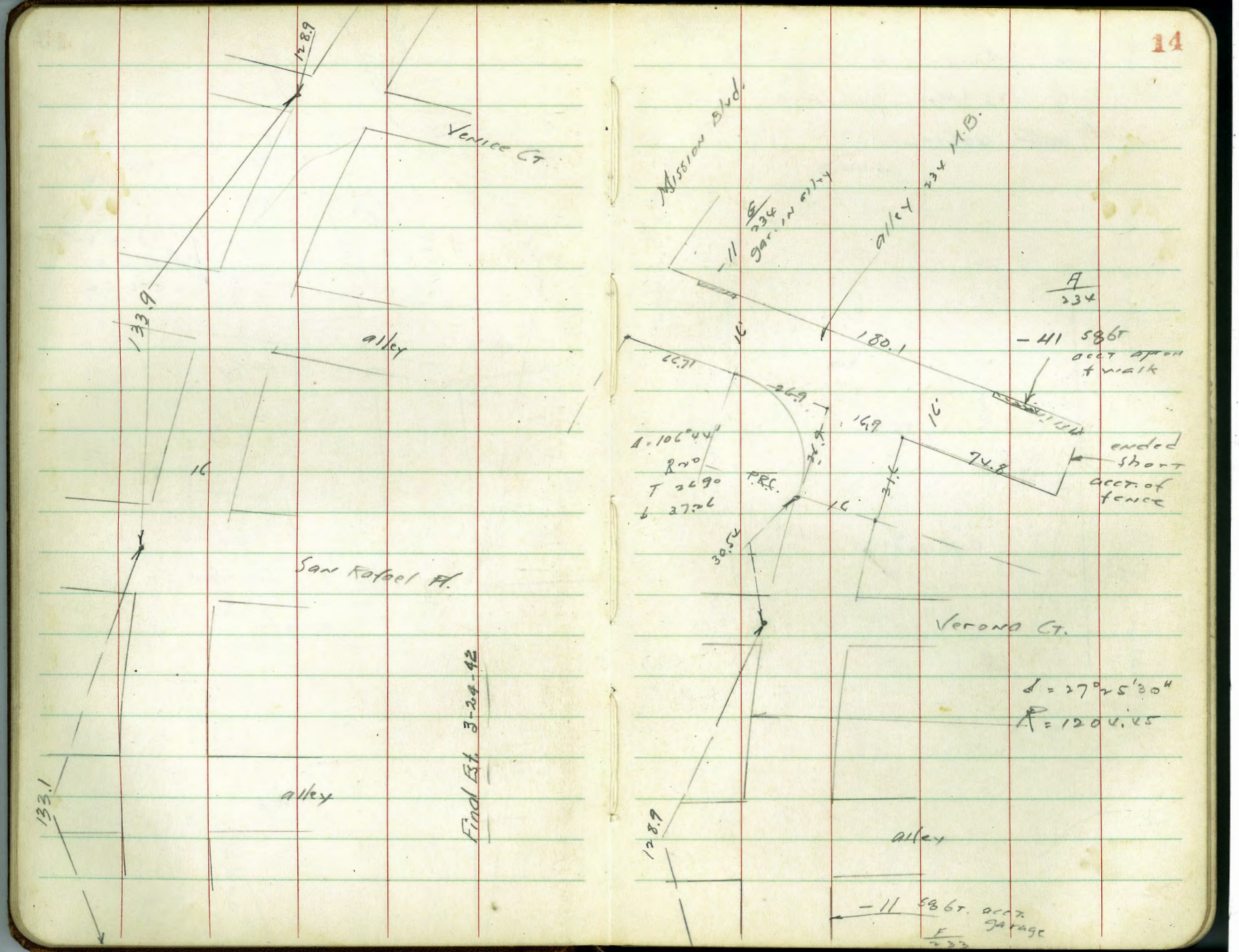

270.7
Ostend Ct.
alley
203.4
58.6'
C/109
apron in
Ormond Ct.
84.8
alley
80.1
to B.C.
Portsmouth Ct.
bisect
Beg. at Angle line & opening.
P.O.C.
(See T.P.Bk. 4-25)
alley
101'
108.1'
Santa Clara Pl.
S 58 6' E 170
Fence in
alley


alley
126.7
16
PISMO CT.
alley
125.9
137.3
REDONDO CT.
127.0
alley
16
QUEENSTOWN CT.
126.7


San Jose Pl.
16
135.7
alley
Rockaway Ct.
alley
127.3


16 58.5 ft. fence in alley
Cor. Lot
127.4
Seagirt Ct.
16
127.3
58 sq. ft.
10 F
fence in
Salem Ct.
alley
135.4


105
Tanglers Ct.
147.5
alley
-7 586T.
acct. P. Pole
Sunset
alley
127.9
133.1
Variotic Ct.
126.8
A = 27°45'30" RT
R = 1200.45
L = 576.52
alley
Toulon Ct.
23.2
BC RT
105
alley

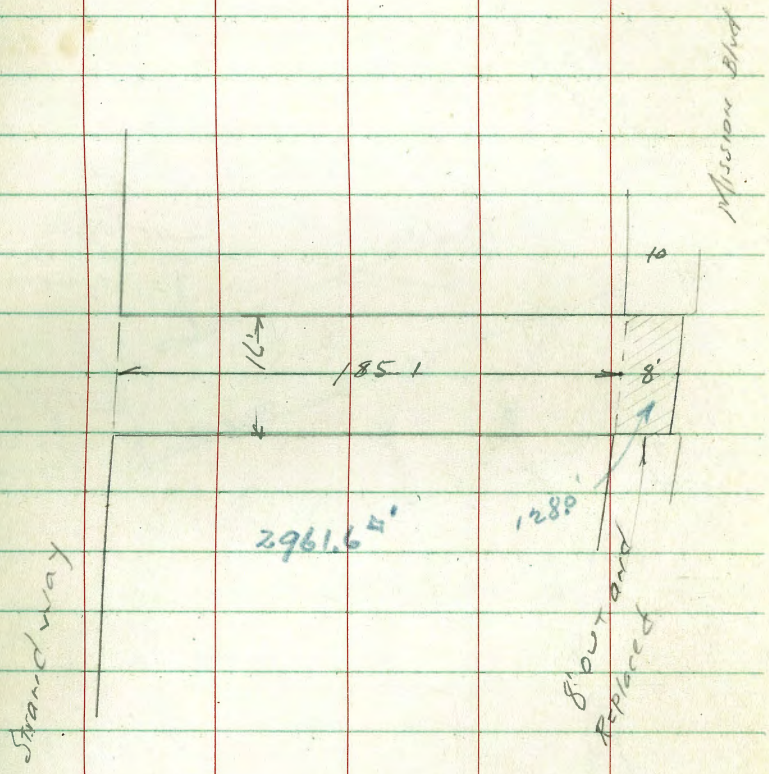

128.9
Venice Ct.
133.9
alley
16
San Rafael Pl.
133.1
alley
Final Est. 3-24-42
Mission Blvd.
E
234
Gar. in 6"
alley
234 M.B.
-11
A
234
180.1
-41 586T
acct apron
& walk
16
66.71
26.9
16
Δ = 106°44'
R = 90
T = 96.90
L = 167.6
P.R.C.
34.9
34.4
74.8
ended
short
acct. of
fence
16
30.54
Verona Ct.
Δ = 27°25'30"
R = 120 V.C.S.
128.9
alley
-11 586T. acct
Garage
E
233

indexed
C.S.K.

Final Meas. alley

Blk 183 Mission Beach

~~H30~~ 6061-L



indexed
C.S.K.

Moore
Walker
Hazard

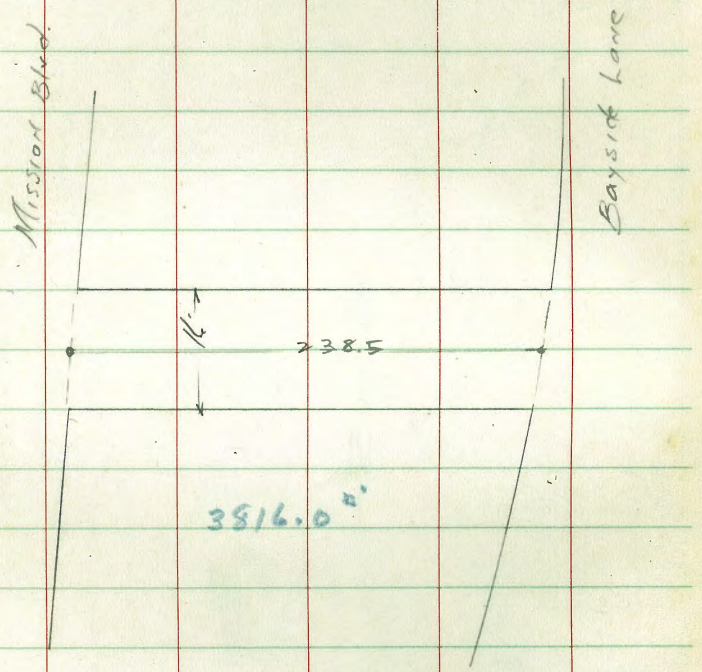
15

Final on alley

Blk 163 M.B.

3-19-47

6144-L

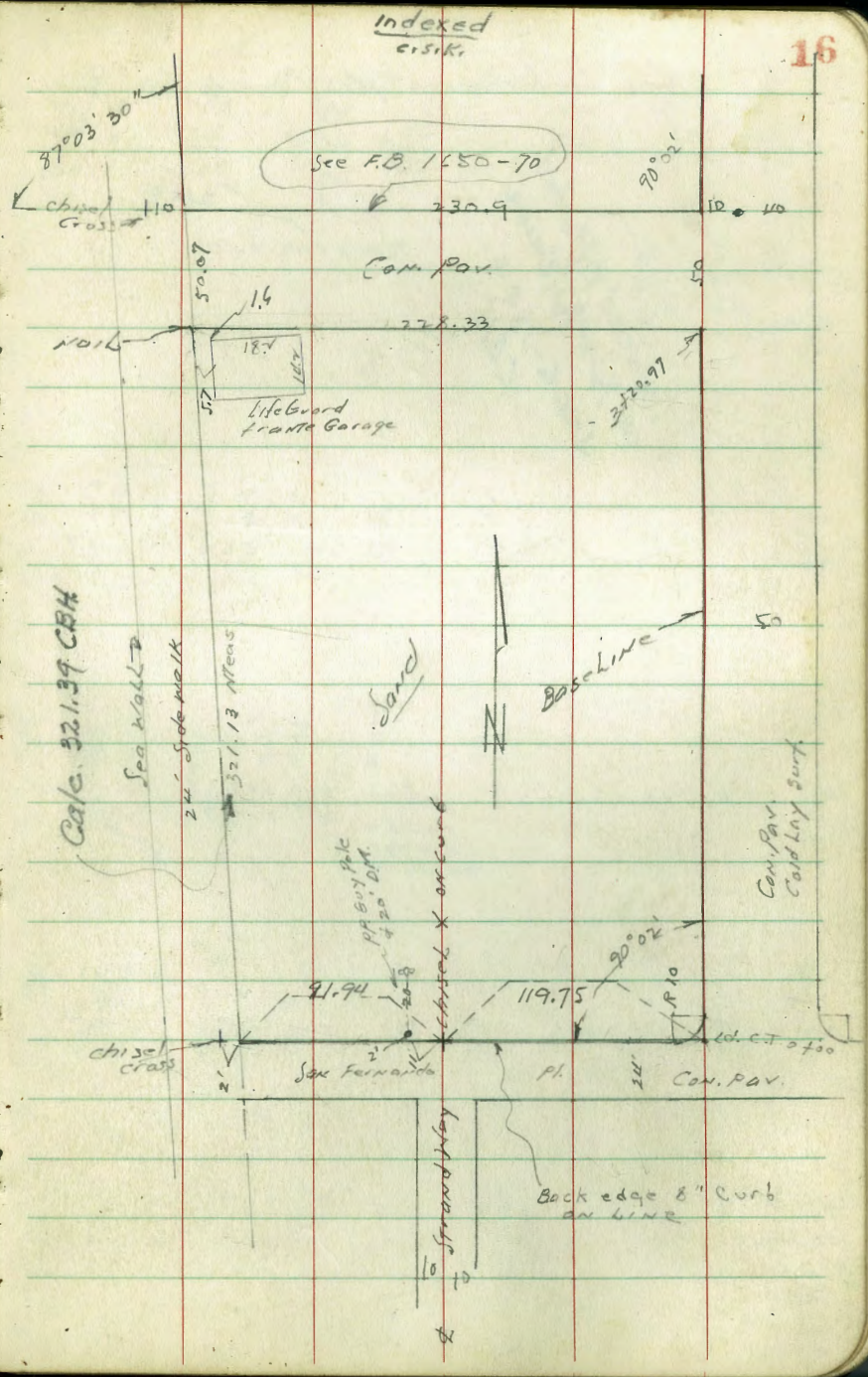


Levels on Recreation Area

Mission Beach Amusement Center

C Magee
Sommerhayer
W. Moore
12-5-44

Indexed
C.S.K.



Levels on Rec. area Miss. Beach Atlas. City.

Baseline

LT. RT.

0+50

4.30 4.5 4.6
3.16 3.5 3.4
Sdw Sand 200
2143

Please Calc. outs

Reduced & Plotted on 1/4"=1' Union Dec 6-1944 LBH.

	4.0	3.2	1.9	1.3	0.6	0.65	0.28	0.49		
	4.0	4.8	6.1	6.7	7.4	7.31	7.68	7.47		
	150	100	50	25	10		25	50		

0+10

0.61 0.21 0.50
7.35 7.75 7.46 = CB. Rct & Pav.
25 50
Top CB. Rct & Pav.

0+01 Sand

4.4 4.3
3.6 3.7
211.09 20'

	4.4	4.2	4.0	3.8	2.1	1.1				
	3.6	3.8	4.0	4.7	5.9	6.9				
	200	150	119.75	100	50	10				

0 - 0.67 Top c.b.

4.87 5.26
3.09 2.70
211.09 20'

Curb & E. edge 24' Sdw.

CB. Break

	5.28	4.79	4.36	4.06	2.58	1.38			0.86	
	2.68	3.17	3.60	3.90	5.38	6.58			7.10	
	200	150	119.75	100	50	10			60	Top cb

0 - 0.67 Gut. Pav.

4.84 4.74
3.12 3.27
211.09 20'

	4.72	4.22	3.79	3.52	2.00	0.87	0.57	0.16	0.33	0.31
	3.24	3.74	4.17	4.44	5.96	7.09	7.39	7.80	7.63	7.65
	200	150	119.75	100	50	10		25	50	60

GT.

P.M.B.P. 0.39 7.96 7.57 7.96
Sea Wall
1 yd Forward
Place

Sec 1650-71

Pav. of N.E.Con.

Lt.

Baseline

Rt.

3+20.97		6.94	1.04	1.04						
				4.67	4.5	3.4	4.8	4.1	1.01	0.65	0.87
3+00				3.29	3.5	4.6	5.2	5.9	6.95	7.41	7.09
					200	150	100	50		25	50
			E. edge sd'sdw. & Sand	Calc. 227.96							
				4.63	4.1	3.5	2.5	2.2	1.2	0.95	0.49	0.73
2+50				3.33	3.9	4.5	5.5	5.8	6.8	7.01	7.47	7.23
					200	150	100	50	25		25	50
				Sdw & Sand 224.67								
				4.65	3.9	3.2	2.3	1.0	0.85	0.46	0.70
2+00				3.31	4.1	4.8	5.7	7.0	7.11	7.50	7.26
					200	150	100	50		25	50
				sdw & Sand 222.07							
				4.66	4.6	4.0	3.1	2.2	1.1	0.87	0.37	0.60
1+50				3.30	3.4	4.0	4.9	5.8	6.9	7.09	7.59	7.36
					200	150	100	50	25		25	50
			edge sdw. & Sand	219.48								
				4.69	4.5	4.0	3.2	1.8	0.8	0.74	0.33	0.59
1+00				3.27	3.5	4.0	4.8	6.2	7.0	7.17	7.63	7.37
			E. edge sd'sdw. & Sand	Plus Calc. 216.89	200	150	100	50	25		25	50
												Pav.
	7.96							7.96				

Walker
Hazard
Hoehn
7-9-15

Mission Beach - Grading Unit No 4

Per - Sketch Page 16

Improvement Plan 2898-B

Stations Profile Misc. No 7344

Note: Grade Elev. shown below are 6" Above Sub Grade equals - Finish Grade Earth Surface - Top.

7.57 - B.M. B.P. Page 17

1.12+ / 8.69 ✓

℄ Base Line

Stations	℄ Edge Walk	℄ 200'	℄ 150	℄ 100'	℄ 50'	℄ 20'	℄
1+50	4.49 / 4.20	4.45 / 3.55	3.95 / 4.05	3.41 / 4.56	2.94 / 5.06	2.64 / 5.36	0.70
1+00	4.52 / 4.17	4.50 / 3.50	4.10 / 3.90	3.69 / 4.31	3.29 / 4.71	3.05 / 4.95	0.57
0+50	4.63 / 4.06	4.56 / 3.44	4.26 / 3.74	3.95 / 4.05	3.64 / 4.36	3.45 / 4.55	0.48
0+25	4.58 / 4.11	4.56 / -.-	This section left out. 4.26	3.95 +0	3.64 5.5	3.45	0.44
0+10	4.56 / 3.44		4.26 / 4.74	3.95 / 4.79	3.64 / 4.36	3.45 / 4.55	0.44
0+00	21.74. 4.87	5.28 / 3.41	4.79 / 3.90	4.06	2.58	10'4. 1.38	

0.43 8.00

7.57

Mission Beach Unit No 4
Cont from P-19

Stations	℄ = E. edge Walk	℄ 2.00'	℄ 1.50	℄ 1.00	℄ 50'	℄ 20'	Base Line 0
3+20.27 = End Contract	4.54 / 4.15	4.22	3.31	2.47	1.69	1.21	0.87
3+00	4.50 / 4.19	4.28 / 3.72	3.48 / 4.52	2.68 / 5.32	1.88 / 6.12	1.40 / 6.60	0.84
2+50	4.46 / 4.23	4.34 / 3.66	3.64 / 4.36	2.85 / 5.15	2.23 / 5.77	1.81 / 6.19	0.78
2+00	4.51 / 4.18	4.39 / 3.61	3.78 / 4.22	3.18 / 4.82	2.58 / 5.42	2.22 / 5.78	0.68

800

800

Cross Section J St.
33rd to 34½ St.

Levels page 22

INDEXED
OCT 17 1950

3 Panel Conc Bridge

6+82

℄ Market St

Oct. 13-50
Hsisson
Barber
Barber
Pallen

21

34½ St

Fd. Mon.
220
Set Hub Stake

4+04.4

Bryan Island

30 | 13 | 17

Apparent Channel
Los Rollers Creek

68½°

1+75
0+70 M.E.

309 ft

J St

14°35'

Frame Trestle
on Conc. Footings

H.H. RR Bridge

0+00

Fd Pin

33rd St

Sta.	Notes	Lt. – N	℄	Rt. – S
+79	31.5' Rt of ℄ = Ely Picket Fence			
+69		31.8 / 5.5 / 3' Old Garage Dirt Floor; 31.7 / 5.6 / 18	31.55 / 5.7	31.8 / 5.5 / 18; 31.5 / 5.8 / 30
+50		33.0 / 4.3 / 30 : Picket Fence; 32.5 / 4.8 / 18	31.95 / 5.3	32.1 / 5.2 / 18; 31.8 / 5.5 / 30; 31.5 : Picket Fence
+25		33.3 / 4.0 / 30; 33.0 / 4.3 / 18	32.25 / 5.0	32.6 / 4.7 / 18; 32.4 / 4.9 / 30; 32.3 / 5.0 / 31.5 : N Half House
+41	20' Lt of ℄ = S/y 54" Euc. Tree			
0+0	= East Line 33rd St : Ely Curb & Conc Walk	32.95 / 4.3 / 30 : N/s Picket Fence; 32.53 / 4.77 / 18 : Cb End; 31.97 / 5.28 / 18 : Gut	32.12 / 5.13	31.51 / 5.74 / 18 : Gut; 31.97 / 5.28 / 18 : Cb End; 32.15 / 5.1 / 30
0 −12	= East Curb Line 33rd St	32.68 / 4.57 / 50 : Cb; 32.01 / 5.24 / 50 : Gut; 32.48 / 4.77 / 30 : Cb; 31.85 / 5.40 / 30 : Gut; 31.70 / 5.55 / 18	31.54 / 5.71 / Conc Paving / 37.25	31.41 / 5.84 / 18; 31.34 / 5.91 / 28 : Gut; 31.98 / 5.27 / 28 : Cb; 31.91 / 5.34 / 41 : Cb; 31.23 / 6.02 / 41 : Gut
BM	4.04	37.25	602.81	N.Y. Mon J + 33rd St 8P out			

	24.	8	24.
2+0	29.15 / 84 / 75	28.85 / 87 / 38	28.85 / 84 / 36
	28.95 / 84 / 18	29.55 / 77 / 30	29.65 / 76 / 70
	30.55 / 69 / 80		
1+75	29.55 / 77 / 75	28.75 / 85 / 30	28.65 / 86 / 18
	27.91 / 91 / 94 / 95.46	27.05 / 10.2 / 18	28.05 / 92 / 30
	28.45 / 88 / 35	29.25 / 80 / 60	77 / 75
1+50	30.05 / 77 / 70	29.85 / 74 / 30	28.0 / 93 / 18
	27.95 / 93	28.0 / 93 / 18	27.85 / 91 / 30
	27.45 / 98 / 85	28.15 / 91 / 88	92 / 100
1+25	30.85 / 64 / 60	30.75 / 65 / 30	30.65 / 66 / 18
	30.45 / 68 / 10	29.05 / 82	29.25 / 80 / 18
	30.05 / 73 / 19	29.75 / 75 / 30	29.55 / 77 / 50
	27.45 / 98 / 175	26.65 / 104 / 100	84 / 107 / 30 / 47
1+0	34.07 / 53 / 18 / 38.5	30.75 / 65 / 31	30.55 / 70 / 39.5
	30.75 / 65 / 18	30.45 / 68	30.95 / 63 / 18
	31.45 / 58 / 30	31.35 / 59 / 75	
	37.25		

Conc. Top Floor Floor

Conc. Floor

Conc. Floor

37.25

BM			32.48	SW Mon Sta 4+50 St 32.51	
4+01.4	W.L 34th St.	295' Lt of ℄	Ely Link Fence		
+50					
+45	30' Rt of ℄	Ely Link Fence			
+28	30' Rt of ℄	W/y Link Fence			
+20	30' Rt of ℄	W/y Link Fence			
+13					
3+40					
TP	802	35.93	9.34	2791	
2+50					
		37.25			

Lt.	℄	Rt.
32.3 / 2.6 / 20	32.2 / 3.7 / 18	32.43 / 3.5
32.3 / 2.6 / 18	32.3 / 2.6 / 30	
31.33 / 4.6 / 18	31.03 / 4.9 / 16	31.73 / 4.2
31.93 / 4.0 / 18	31.83 / 4.1 / 30	
32.09 / 3.84 / 30 Sta 4+71 Conc Flow Gut.		
32.13 / 3.8 / 50	31.53 / 4.4 / 30	31.13 / 4.8 / 18
29.93 / 6.0 / 10	30.43 / 5.5	30.23 / 5.7 / 18
31.03 / 4.9 / 30	31.23 / 4.7 / 60	
35.93		
30.75 / 4.5 / 80	30.45 / 6.8 / 52	30.7 / 6.6 / 30
30.65 / 4.6 / 18	29.95 / 7.3	29.65 / 7.6 / 18
30.15 / 7.1 / 30	29.85 / 7.3 / 50	
37.25		

Cross Section Los Cholla Creek
1St to Market St. Bridge.
Sketch page 21

INDEXED
MK
OCT 17 1950

	Lt.		℄		Rt.		Oct. 17. 50 H. Sisson Gonser Rorer partner
+50	6.9 30.	7.9 15.	8.3 8.	7.9	5.6 3.	4.4 17.	3.9 30.
2+0		7.6 30.	8.0 15.	8.0	5.8 7.	4.5 30.	
+50		7.4 30.	8.2 15.	8.5	8.3 7.	6.9 9.	6.3 30.
1+0		8.1 30.		8.4	8.9 8.	7.6 16.	6.9 30.
+50		7.8 30.	9.0 22.	8.3	9.2 11.	7.4 30.	
0+0	℄ 1St.			9.5			
BM	9.46	37.37		37.37			

2791

07 Stab 1+75 1St. Page 22

					Δf.		Q		Rx.		
+50					10.4 30	11.2 26	9.8 22	9.5 12	10.5 5	9.3	7.8 6	7.1 30.
5+0							10.6 30.	11.4 21.	10.6 8	9.3	6.8 6	6.9 20	7.6 30.
+50							10.7 30.	11.2 18.	11.8 7	10.5	7.2 12.	6.5 30.	
4+0							10.7 30.	11.4 18.	12.2 3	11.4	10.7 6	7.6 15.	8.5 30.
+50							11.5 30	12.5 13.	12.6 8.	11.5	7.9 15.	4.8 23.	5.3 30.
TP	8.70	41.38	469	42.68						41.38			
3+0							6.0 32	7.3 26	7.9 11	7.6	6.9 3	5.5 15.	2.2 20.	1.8 30
		37.37								37.37			

BM			1.80	47.72	SE Cor Sidewalk Market St. & Challenger St. Base of Rail
TP	7.87	49.52	2.25	41.65	
+50					
TP	11.56	43.90	9.04	32.34	
640					
		41.38			

4.5 (30) 10.7 (18.) 11.0 (8.) 12.25 (5.) 11.5. 10.9 (13) 9.3 (22.) 5.1 (30.)

43.90

9.4 (30) 10.2 (19.) 9.2 (8.) 10.9 (4.) 9.2 7.6 (8.) 6.7 (30.)

41.38

X-Sec. Pepper Drive

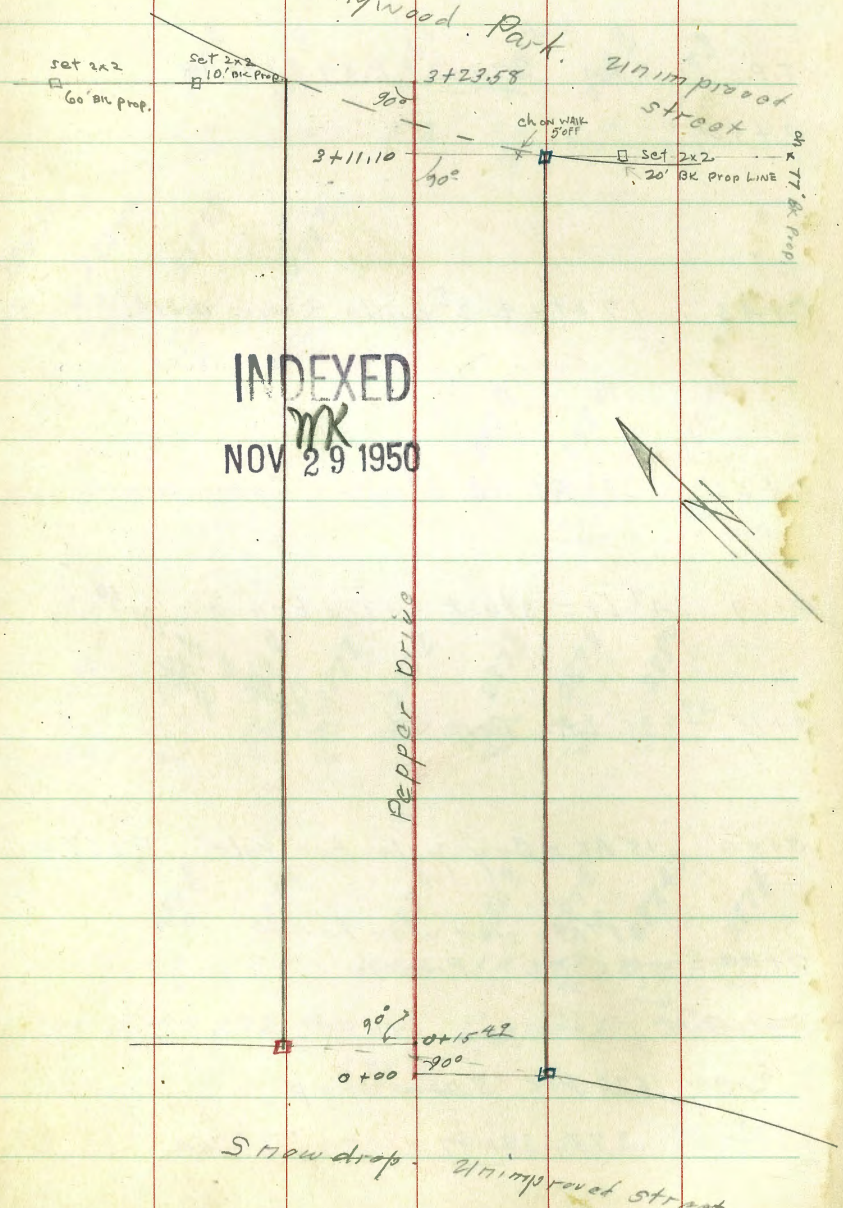
Snowdrop to Hollywood Park.

Nov. 20, 1950
W.O. 31328

Sommermayer
Begg
Allen
Bunch.

Map 1696 - Sheet 3
FB 1695 - P 42

= Fd. ½" disk
= set ½" disk



INDEXED
MK
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Levels Pepper Drive

T.P.	5.44	294.62	2.69	289.18
0+50				
0+43	17 Lt. = ℄ 2' wide conc. walk.			
0+22	25' Rt. = ℄ 3' wide Conc. walk.			
0+19	24' Lt. = start wire fence.			
0+15 49	25' Lt. = Prop. ½			
0+06	18' Rt. = Guy pole for pole # P2698			
0+00 =	25' Rt. = Prop. ½			
Set B.M.		4.00	287.87	

Reduced 11-29-50 gmt.

25' Rt. = start wire fence.

See 1695 for Snowdrop.

2.73 291.87 − 289.14

288.9	288.9	288.7	288.5	288.9	288.9		
3.0 / 25	3.0 / 13	3.2	3.4 / 11	3.0 / 16	3.0 / 25		
289.21	289.06	288.89	288.7				
2.66 / 33	2.81 / 25	2.98 / 17 walk	3.2 / 15 Grd.				
				288.3	288.46	288.46	
				3.6 / 25	3.41 / 25' walk	3.41 / 40 on walk	
288.1	288.1	288.3	287.7	287.9	287.2	287.6	288.0
3.8 / 50	3.8 / 25	3.6 / 16	4.2 / 14	4.0	4.7 / 10	4.3 / 14	3.9 / 25
287.6	287.6	287.6	286.9	287.4	287.42	287.2	
4.3 / 50	4.3 / 25	4.3	5.0 / 12	4.5 / 16	4.45 / 25 Hub	4.7 / 50	

Set B.M. - N. E. Prop. ½ Pepper Dr. + Snowdrop.

291.87

S.E. 3/4" pipe Poplar + Snowdrop 1695/27

Pepper Drive

1+00

0+90 25± Rt. = end wire fence.

0+89 25' Lt. = ± 3' wide conc. walk.

0+71 - 24± Lt. = end wire fence

0+67 24± Lt. = End conc. drive.

0+59 24' Lt = start conc. drive

0+54 25' Rt. = ± 2' wide conc. walk.

&

290.0 — 4.6 / 25

289.5 — 5.1 / 13

289.5 — 5.1

289.8 — 5.3 / 12

289.8 — 4.8 / 25

4.8 / 75

290.56 — 4.06 / 43 on walk

290.29 — 4.33 / 25 walk

289.8 — 4.8 / 25 Gnd.

289.4 — 5.2 / 25

289.2 — 5.4

288.9 — 5.7 / 12

289.4 — 5.2 / 25

289.57 — 5.05 / 50

289.45 — 5.17 / 25

289.46 — 5.16 / 24±

289.52 — 5.10 / 50 on drive

289.44 — 5.18 / 25

289.43 — 5.19 / 24±

289.10 — 5.52 / 25

289.30 — 5.32 / 32

289.14 — 5.45 / 50 on walk

29.4.62

Pepper Dr.

1+51 - 26' Rt. = 10' high bush.

1+50 $24\frac{7}{}$ Lt. = end wire fence.

1+29 $25\frac{2}{}$ Rt. = ℄ 3' wide Conc. walk.

1+25 $16\frac{5}{}$ Lt. = ℄ 3' wide Conc. walk.

1+21 $25\frac{1}{}$ Rt. = end Conc. drive.

1+14 $25\frac{3}{}$ Rt. = start Conc. Dr.

1+07 - $24\frac{7}{}$ Lt. = start wire fence.

1+06 - $25\frac{0}{}$ Lt. = ℄ 2' wide Conc. drive ribbon

1+01 $24\frac{9}{}$ Lt. = ℄ 2' wide Conc. drive ribbon

℄

290.4 / 4.2 / 25

290.3 / 4.3 / 18

289.9 / 4.7 / 12

289.8 / 4.8

289.6 / 5.0 / 12

290.1 / 4.5 / 25

290.16 / 4.46 / $25\frac{2}{}$

290.20 / 4.42 / 36

290.70 / 3.92 / 50

290.60 / 4.02 / 25

290.42 / 4.20 / $16\frac{5}{}$ walk

290.1 / 4.5 / 16 Crd.

290.18 / 4.44 / $25\frac{1}{}$

290.18 / 4.54 / 46

289.57 / 5.05 / 65

290.19 / 4.43 / $25\frac{3}{}$

290.14 / 4.48 / 46

289.60 / 5.02 / 65

290.67 / 3.95 / 50

290.27 / 4.35 / 25

290.64 / 3.98 / 50

290.23 / 4.39 / 25

290.23 / 4.39 / 24.9

294.62

Pepper Dr.

2+14 — 25½ Lt. = end conc. drive.

2+06 — 25½ Lt. = start conc. dr.

2+02 — 25' Lt. = start 3' high board fence.
17' Lt. = end 2' high hedge

2+00

1+75

1+71 — 25½ Rt. = ℄ 3' wide conc. walk

1+69 — 17' Lt. = start 2' wide hedge

1+64.5 — 25' Lt. = end conc. drive.

1+57 — 25' Rt. = ℄ 2' wide conc. walk.
25' Lt. = start conc. Dr.

290.53	290.28						
4.09	4.34						
50	25½						
290.53	290.29						
4.09	4.33						
50	25½						
290.2	289.8	288.9	288.9	288.8	289.2	289.2	288.9
4.4	4.8	5.7	5.7	5.8	5.4	5.4	5.7
25	17	10		11	18	25	30
290.8	290.2	289.7	289.5	289.5	290.1	290.0	
3.8	4.4	4.9	5.1	5.1	4.5	4.6	
25	18	14		12	19	25	
				290.16	290.13		
				4.46	4.49		
				25½	35		
290.92	290.66						
3.70	3.96						
50	25½						
290.92	290.65			290.25	290.28		
3.70	3.97			4.37	4.34		
50	25½			25½	55		

294.62

Pepper Dr.

3+11.12 — 25' Rt. = Prop. Cor. S.W. Hollywood & Pepper

3+07 — 25' Lt. = end board fence.

T.P. — 3.17 — 285.36 — 12.43 — 282.19

2+95 — 25' Lt. = end Conc. drive

2+87 — 25' Lt. = start Conc. drive

2+70 — 25' Rt. = ℄ 6" wide N.+S. Conc. block wall - 16" high

2+60 — 24.9 Rt. = ℄ ~~start~~ 6' wide N.+S. Conc. block wall. 16" High

2+31 . 23 Rt. = ℄ 3' wide N.+S. Hedge

2+15

℄

2+00	1+75	1+50	1+25	1+00	0+75	0+50	0+25
281.6	281.1	280.6	280.7	280.6	282.3	282.1	281.9
3.8 / 25	4.3 / 15	4.8 / 11	4.7	4.8 / 10	3.2 / 14	3.3 / 25	3.5 / 50

2+00	1+75	1+50	1+25	1+00	0+75	0+50
284.1	284.0	281.0	281.1	281.1	282.4	282.9
1.3 / 25	1.4 / 15	4.4 / 11	4.3	4.3 / 10	3.0 / 14	2.5 / 25

285.36

2+00	1+75	1+50	1+25	1+00
286.27	285.29			
8.35 / 45	9.33 / 25L			
286.29	285.41			
8.33 / 45	9.21 / 25L			

2+00	1+75	1+50
286.1	285.9	
8.5 / 25 Ord	8.7 / 25L Base of wall	

2+00	1+75	1+50	1+25	1+00	0+75	0+50	0+25
287.4	287.0	285.0	285.2	285.3	286.7	286.2	286.7
7.2 / 25	7.6 / 15	9.6 / 11	9.4	9.3 / 11	7.9 / 14	8.4 / 24.9 Base wall	7.9 / 25

2+00	1+75	1+50	1+25	1+00	0+75	0+50	0+25
289.8	289.4	288.0	288.1	288.0	288.2	289.0	288.2
4.8 / 25	5.2 / 14	6.6 / 10	6.4	6.6 / 12	5.7 / 14	5.0 / 25	6.4 / 50

294.62

Pepper Drive

T.P.	5.53	300.92	4.12	295.39	(295.40)
T.P.	6.96	299.51	1.52	292.55	
T.P.	9.43	294.07	0.72	284.64	

See FB1695 for grade to east.

3+23.58 — 25' Lt. = N.W. cor. Pepper Dr. + Hollywood Park.

&

FB1695 - P52

Check to R.R. spike - N.Wly Pole. Pepper Dr. & Columbine

2844.	2816.	2803.	2792.	2795.	279.	2779.	2769.
1.0 / 50	3.8 / 25	5.1 / 16	6.2 / 12	5.9	6.3 / 11	7.5 / 25	8.5 / 50

2-85.36

X-Sec. Quince St. { Columbine to Fairmount } 11/20/50

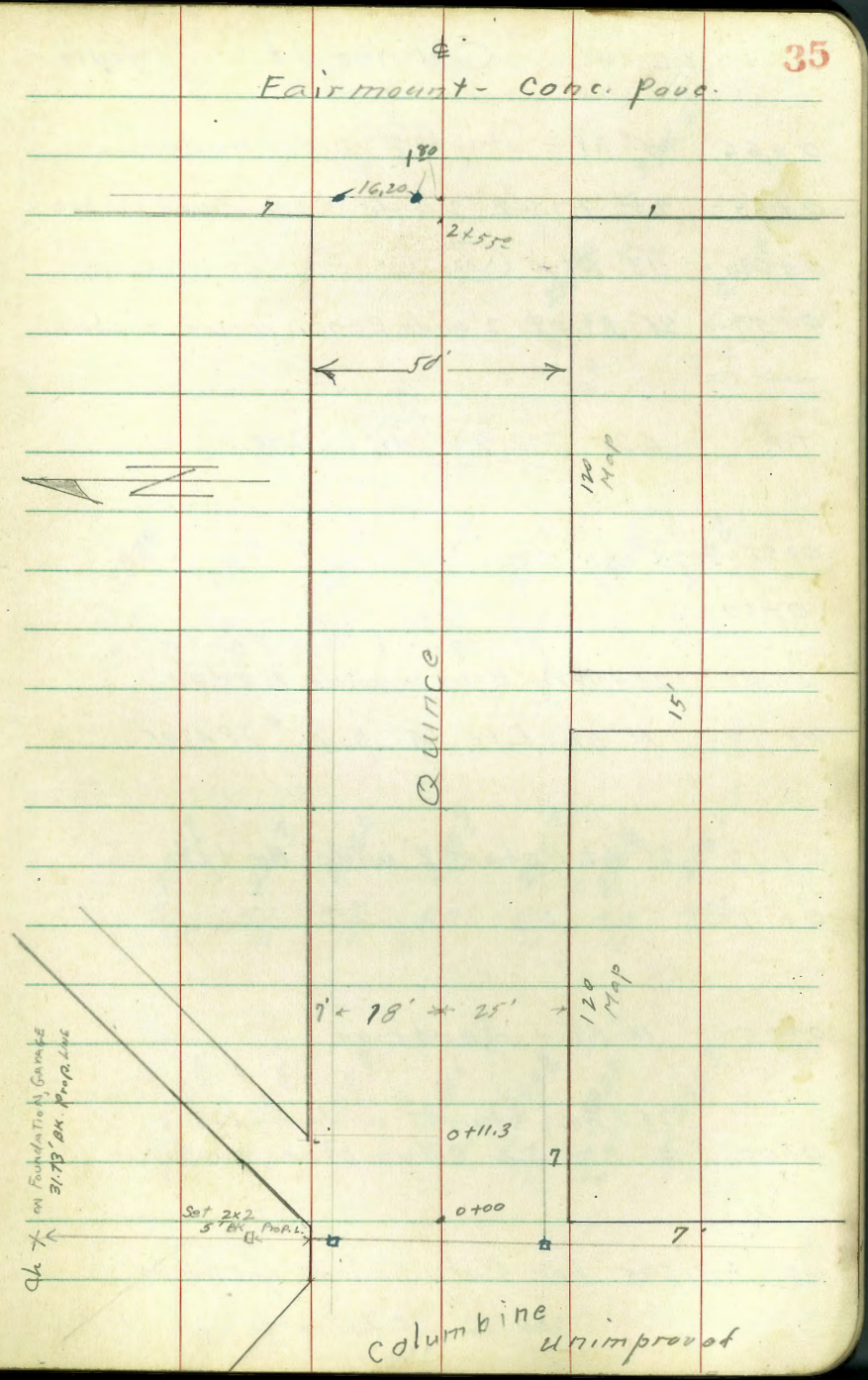
W.O. 31328

Sommermeyer
Begg
Allen
Bunch

INDEXED
MK
NOV 29 1950

□ = Fd ½" tack
● = Fd L.&T.
(W) = water meter box

Map 1696- Sheet #2
T.P. Sheet 3512
F.B. 1695- 52+78'



Levels Quince St. 11/20/50

Columbine to Fairmount.

0+66	25' Rt. = start 2' wide hedge			
0+63	25' Rt. = ℄ 2' wide Conc. drive ribbon			
0+62	13' Lt. = (W)			
0+59	25' Rt. = ℄ 2' wide conc. drive ribbon			
T.P.	6.20	302.79	4.33	296.59
0+55	25' Rt. = end picket fence.			
0+50				
0+49	25' Rt. = start Picket fence / = end 3' wide Hedge			
0+23	16 Rt. = Ltr 14" pole # JP4305			
0+13	25' Lt. = start 2' wide hedge			
0+11.3				
0+05	16' Rt. = dead man			
0+00	25' Rt. = start 3' wide hedge / 25' Rt. = S.E. Columbine + Quince.			

See FB 1695 For Columbine grades.

300.92 ✗ From P. 34

℄

296.65 — 6.14 / 25 Drive

296.66 — 6.13 / 25 Drive

296.61 — 6.18 / 42 Gar. Floor

302.79

297.0	296.9	296.6	296.4	296.1	296.3	296.7
3.9 / 25	4.0 / 13	4.3 / 10	4.5	4.8 / 10	4.4 / 13	4.2 / 25

296.7	296.7	296.1	295.9	295.7	296.5	296.1
4.2 / 25	4.2 / 14	4.8 / 12	5.0	5.2 / 10	4.4 / 13	4.8 / 25

296.5	296.5	295.8	296.1	295.5	296.0	295.7
4.4 / 25	4.4 / 13	5.1 / 11	4.8	5.4 / 12	4.9 / 16	5.2 / 25

300.92

Quince

1+14.5 - 24.9 Rt. = ℄ 2' wide conc. drive ribbon

1+14 14.5 Lt. = 8' high oleander bush

1+13 15' Lt. = (W)

1+10 24.9 Rt. = ℄ 2' wide conc. drive ribbon

1+07 25.4 Rt. = end 2' wide hedge.
& start fence & gate.

1+05 16 Lt. Ctr. 5' high shrub.

1+00

0+95 24.9 Lt. = End conc. drive

0+88 24.9 Lt. = start conc. drive

0+84 24.5 Rt. = ℄ 3' wide conc. walk.

0+72 25' Lt. = ℄ 3' wide conc. walk

℄

37

297.89 — 4.90 / 24.9

297.89 — 4.90 / 25

297.82 — 4.97 / 44

297.91 — 4.88 / 24.9

297.91 — 4.88 / 25

297.78 — 5.01 / 44 Gar. Floor

298.2 — 4.6 / 25

297.9 — 4.9 / 12

297.6 — 5.2 / 9

297.3 — 5.5

297.0 — 5.8 / 12

297.5 — 5.3 / 16

297.6 — 5.2 / 25

297.39 — 4.40 / 50

298.08 — 4.71 / 25

298.08 — 4.71 / 24.9

298.39 — 4.40 / 50

298.08 — 4.71 / 25

298.08 — 4.71 / 24.9

297.1 — 5.7 / 24 End

297.38 — 5.41 / 24.5 walk

297.40 — 5.39 / 25

297.69 — 5.10 / 32

297.52 — 5.27 / 32.5 - walk

297.46 — 5.33 / 25

297.3 — 5.5 / 25 End

302.79

Quince

T.P.	5.15	303.88	4.06	298.73

construction

1+75 36' Rt. = ℄ double Gar. Under

1+50

1+44 25± Lt. = start 3' wide hedge

1+43 25± Lt. = end conc. drive

1+36 25± Lt. = start Conc. drive

1+35 25± Lt. = end 2' wide hedge

1+27.5 = ℄ Alley to south

1+21 25' Lt. = ℄ 3' wide Conc. walk.
25' Rt. = end fence

1+19
- 22± Lt. = dead man
- 13± Lt. = Guy pole to pole # P4325
- 16.5 Rt = Ctr. Pole P4325

℄

298.5
4.3
36
Aprox. future floor EL.

299.2 | 298.8 | 298.3 | 298.4 | 298.2 | 298.3
3.6 | 4.0 | 4.5 | 4.4 | 4.6 | 4.5
25 | 14 | 10 | | 13 | 25

299.8 | 299.11
3.0± | 3.68
80 | 25±
Gar.

299.24 | 299.04
3.55 | 3.75
42 | 25±

298.4 | 298.2 | 298.0 | 298.3 | 298.0 | 298.2 | 298.1 | 297.0
4.4 | 4.6 | 4.8 | 4.5 | 4.8 | 4.6 | 4.7 | 5.18
25± | 18 | 10 | | 12 | 17 | 25 | 125

298.78 | 298.63 | 298.4
4.01 | 4.16 | 4.4
33 | 25
walk | 25

302.79

Quince St.

25 Lt. = end 3' wide Hedge

2+55 = Wly line Fair mount.

2+50

2+10

2+00

25 Lt. = start 3' wide hedge

1+84 25 Lt. = end conc. drive

25 Lt. = start conc. drive

1+76 26 Lt. = end 3' wide hedge

4

298.1	297.9	297.1	297.0	297.2	298.0	298.1
5.8	6.0	6.8	6.9	6.7	5.9	5.8
25	17	15		14	18	25
299.3	299.2	297.3	297.0	297.3	299.0	299.1
4.6	5.0	6.6	6.9	6.6	4.9	4.8
25	16	13		14	20	25
299.7	299.5	298.2	298.9	298.9	299.0	299.1
4.2	4.4	5.0	5.0	5.0	4.9	4.8
25	12	9		13	16	25
299.7	299.3	298.9	298.9	298.9	299.1	299.1
4.2	4.6	5.0	5.0	5.0	4.8	4.8
25	11	9		13	16	25

300.08
3.80
252

300.39
3.49
33
Gar. Floor

300.12
3.76
257

303.88

Quince

@ Quince
SEB.R Fair mount 6.62 297.26 297.19

24E Rt. = E.C. 10' Rad. return.
2+75 = ℄ Line to South

2+70.3 = Low spot on ℄ Quince. A 17 N. of S. gutter

25A Lt. = E.C. 10' Rad. ℄ Ret.
2+65 = 14.7 Rt. = B.C. ' Rad ℄ Ret.

15A Lt. = B.C. 10' Rad. ℄ Ret.
2+55.5 = 14.7 Rt. = start curb
start Conc. Pave.

4

296.99 296.80 296.76 297.23 296.31 296.79
6.89 7.08 7.12 6.65 7.57 7.09
15 24± 24± 12.5 12.5
G ℄ E.C. G ℄

296.83
7.05

297.57 297.03 297.41 296.78 296.85 296.92 296.79 297.23
6.31 6.85 6.47 7.10 7.03 6.96 7.09 6.65
12.5 12.5 25± 25± 15 14.7 14.7
℄ G ℄ E.C. G G ℄ B.C.

298.1 297.61 297.47 297.01 296.96 296.76 297.30 297.32 297.9
5.8 6.27 6.41 6.87 6.92 7.12 6.58 6.56 6.0
25 24± 15.9 15± 14.7 14.7 24.7 25
Grd Back edge walk ℄ B.C. G G ℄ Back Edge walk Grd

303.88

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1-10-51
WO 31121

X-Sect San Juan Place

Ocean Front Walk to Bayside Walk

See T.P. 25 pg 8

See FB 1430 pg. 70

0+59	12' Lt to Fence			
0+40	11' Lt Begin Picket Fence			
0+38	13± Lt Conc. Slab	End		
0+10	12± Lt Conc. Slab	Begin		
0+00	Prop. Line			
0-12	E. Edge Ocean Front Walk			
BM	2.70	9.77 ↑	7.07	SWBP San Juan E. Seawall

Lt. Rt. 41

4.29	4.35	4.6	4.5	4.2	3.7	3.8
20 conc	13 conc	12		12	13	20
4.23	4.44	4.6	4.2	3.7	4.3	
20 conc	12.9 conc	12		12	25	
5.2	5.0	5.2	5.1	4.4	3.9	3.9
20	12		5	8	12	20
5.13	5.13	5.09	5.10		5.08	
25	12		12		35	

9.77 ✓

Cont'd From Page 41

		Lt	℄	Rt
1+34.3	12' Rt W. Edge Conc. Drive Triple Garage	5.1 / 30	6.0 / 12	6.4	6.1 / 12 Dirt	6.04 / 12 conc	6.36 / 29 Floor
1+14	13.5' Rt ℄ 5' Conc. Walk	4.7 / 25	5.0 / 12	5.4	5.4 / 12	5.08 / 13.5 conc	4.92 / 25 conc
1+00.10	E. Edge Conc. Pav. Strandway	4.18 / 50	4.40 / 12	4.76	4.39 / 12		4.46 / 27
0+90	℄ Paving	4.47 / 50	4.61 / 12	4.67	4.66 / 12		4.74 / 50
0+80.08	W. Edge Conc. Pav. Strandway	4.14 / 50	4.23 / 12	4.44	4.33 / 12	4.38 / 50	
0+80	12.3' Lt End Picket Fence						
0+67	12' Rt to Dead man						

9.77

9.77

Cont'd From Page 42

		Elev
2+77	E. Pav. Edge Mission Blvd.	
2+67.3	E. Curb Line Mission Blvd	
T.P.	4.91 4.10 10,58 −0.81	E. 5' CT. Mission Blvd. & San Juan Pl.
2+07	W. Curb Line Mission Blvd.	
1+97.15	W. Pav. Edge Mission Blvd.	
1+80		
1+56	Rt. E. Edge Conc. Drive	9.77

Lt				℄				Rt	
		25/ 0 / 4.35 12± Cb	28/ 0 / 4.98 12± Gut	4.90	25/ 0 / 4.95 11.7 Gut	20/ 0 / 4.30 11.7 Cb			
039/ 4.49 41 Cb	068/ 4.78 41 Gut	040/ 4.50 15 cb	023/ 4.83 15 Gut	27/ 4.87 12	4.83	072/ 4.82 12	22/ 4.82 15 Gut	39/ 4.49 15 cb	22/ 4.87 50 Gut	41/ 4.51 50 Cb
				4.10						
28/ 0 / 9.67 50 cb	37/ 0 / 10.16 50 Gut	42/ 0 / 9.64 15 cb	35/ 0 / 10.12 15 Gut	31/ 0 / 10.08 12	27/ 0 / 10.06	42/ 0 / 10.18 12	40/ 0 / 10.17 15 Gut	31/ 0 / 9.64 15 cb	42/ 0 / 10.19 35 Gut	15/ 0 / 9.62 35 cb
		25/ 0 / 9.52 12± cb	17/ 0 / 9.60 12± Gut	9.45	27/ 0 / 9.50 11± Gut	25/ 0 / 9.42 11± cb				
2 / 7.1 30	31/ 2 / 7.5 20	31/ 1 / 8.5 12	2 / 1 / 8.7	5/ 1 / 8.3 12	8/ 1 / 8.0 13	1 / 2 / 7.7 25				
	4/ 3 / 6.0 30	2 / 2 / 7.1 12	6/ 2 / 7.2	2 / 2 / 7.1 12 dirt	2 / 2 / 6.85 12 Conc		37/ 3 / 6.40 29 Floor			
			9.77							

Cont'd From Page 43

		Lt	℄	Rt
3+56.5	12.4' Rt ℄ 3' Conc. Walk			5/ 1 / 5.15 12± conc
3+50		5/ 1 / 5.6 30	5/ 1 / 5.6 12	5/ 1 / 5.6 / 3/ 1 / 5.4 12
3+22	10.2' Lt ℄ 4' Conc. Walk	1.17 / 5.27 20 conc.	1.38 / 5.49 10± conc.	
3+11	13.0' Rt ℄ 3' Conc. Walk			2/ 0 / 4.8 13 / 2/ 0 / 4.8 20 / 5/ 0 / 4.99 13 conc. / 5/ 0 / 4.62 22 conc
3+02.5	12.6' Lt ℄ 3' Conc. Walk	5/ 0 / 4.66 27 conc / 8/ 0 / 4.98 12.5 conc	9/ 0 / 5.0 12	1.20 / 5.3 / 1 / 1 / 5.1 12 / 3/ 0 / 4.3 20
2+85	11.8 Rt to Dead man			
2+78	11.8 Rt Center Guy Pole			
		4.10	4.10	

Cont'd From Page 44

4+74.5	W. Edge Conc. Pav. Bayside Lane			
4+56.5	12' Rt & ℄ 4' Conc. Walk			
4+40				
TP	3.94	3.13	-0.81	From pg. 43
4+11	13.4'	Lt & ℄ 3' Conc. Walk		
4+00	13.3'	Lt & ℄ 3' Conc. Walk		
3+69.5	15.3'	Lt. & ℄ 2' Conc. Walk		

4.10

Lt. ℄ Rt

1 67 / -1 4.80 50

1 72 / 1 4.92 12

95 / -1 5.08

1 86 / 1 4.99 12

96 / -1 5.09 50

1 63 / -1 4.8 12 Dirt

1 79 / -1 5.32 12 Conc

1 67 / -1 4.80 16 Conc

1 61 / -1 4.7 20 Conc

1 53 / -1 4.5 20

1 52 / -1 4.7 12

1 63 / -1 4.8

1 53 / -1 4.7 12

1 63 / -1 4.8 20

3.13

1 46 / -1 5.56 24 Conc

1 34 / -1 5.44 15.2 Conc

1 52 / -1 5.67 28 Conc

1 52 / -1 5.49 13.3 Conc

1 4 / -1 5.5 12

1 61 / -1 5.7

1 51 / -1 5.6 12

1 21 / -1 5.3 25

1 4 / -1 5.70 35 Conc

1 4 / -1 5.50 15.3 Conc.

4.10

Contd From Page 45

5+26	14.3' Rt & 2' Conc. Walk			
5+15	12.3' Lt End. Double Garage 27' Rt & Double Garage			
5+00				
4+95	12.1' Lt. W. Edge Conc. Drive Double Garage			
4+90.45	E. Edge Conc. Pav. Bayside Lane			
4+82.33	& Conc. Pav. Bayside Lane			
T.P.	3.97	3.16 ↑	-0.81	From pg. 43

Lt

-1.28 / -1 / 4.44 / 22 Conc Floor

-1.47 / -1 / 4.80 / 12.2 conc

-1.54 / -1 / 4.7 / 12 dirt

-1.62 / -1 / 4.8 / 12

-1.28 / -1 / 4.44 / 21.8 Floor

-1.54 / -1 / 4.7 / 12.1 Dirt

-2.01 / -2 / 5.17 / 12.1 conc

-1.68 / -1 / 4.84 / 50

-1.74 / -1 / 4.90 / 12

-1.89 / -1 / 5.05 / 50

-2.01 / -2 / 5.22 / 12

Rt

-1.54 / -1 / 4.57 / 14.2 conc

-1.54 / -1 / 4.7 / 12

-1.67 / -1 / 4.8 / 12

-2.04 / -2 / 5.20 / MH Rim

-1.94 / -1 / 5.10 / 12

-2.01 / -2 / 5.20 / 12

-1.44 / -1 / 4.46 / 12

-1.54 / -1 / 4.7 / 12

-1.80 / -1 / 4.76 / 12

-2.06 / -2 / 5.24 / 12

-1.25 / -1 / 4.41 / 22.1 conc.

-1.49 / -1 / 4.6 / 27 Dirt Floor

-1.54 / -1 / 4.9 / 20

-1.90 / -1 / 5.06 / 50

-2.18 / -2 / 5.37 / 50

3.16 ↑

Cont'd From Page 46

Check			2.49	7.06 − 7.07	Starting BM
T.P.	8.91	9.55	2.52	0.64	
5+74.5	City Disc.				
5+72.3	W. Edge Conc. Walk (Bayside Walk)				
5+70	13½' Rt. center P.P. Pole # 885				
5+68	11' Lt. center 24" Palm				
5+65	14' Rt. Center 18" Palm				
5+55	11½' Lt. & 5' Conc. Walk				
5+50					
5+49.5	14½' Rt. & 4' Conc. walk				
			3.16		

Lt	℄	Rt
	67/ −0 3.67 12	54/ −0 3.70
	49/ −0 3.65 12	43/ −0 3.64 27
	06/ +0 3.1 12	54/ −0 3.5
	06/ −0 3.1 12	34/ −0 3.5 20
	42/ −0 3.58 11½ Conc	
	64/ −0 3.8 12	64/ −0 3.8
	63/ −0 3.9 12	84/ −0 4.0 15
	26/ −0 3.92 14½ Conc	26/ −0 3.94 17.6 Conc
	3.16	

X-Sect Alley Blk. 159 Mission Beach
Strandway to Mission Blvd

Roberts
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See T.P. 25 page 7

0+41	8' Lt. Single Garage (Wood Floor)				
0+33	7½' Lt. E. Edge Conc. Apron				
0+16	7½' Lt W. Edge Conc. Apron				
T.P.	2.20	6.62 ↑	6.07	4.42	
0+00	E. Line Strandway (Pav. Edge)				
0-10	℄ Strandway				
B.M.	3.42	10.49 ↑		7.07	SWBP San Juan Pl. & Seawall

Lt	℄			Rt
	6/3 3.0 8S			
4/4 1.74 9.3 conc	3½/4 2.27 7½ conc	6/3 3.0	8/3 2.8 8	7/4 1.9 25
9/4 1.64 9S floor	7/4 1.85 7½ conc	7/4 1.9	7/4 1.9 8	9/4 1.7 20
	6.62 ↑			
5/5 5.18 50	6/5 4.87 8	6/5 4.89	6/5 4.89 8	6/5 4.89 50
3/5 5.36 50	3/5 5.12 8	3/5 5.10 MH Rim	3/5 5.15 8	3/5 5.18 50
	10.49 ↑			

Cont'd From Page 48

T.P.	4.40	4.39	6.63	-0.01
1+15.2	W. Curb Line Mission Blvd.			
1+08.21	to 3' C.T.			
1+05.50	W. Pav. Edge Mission Blvd.			
0+75				
0+63.5	6.8' Rt to Center Pr. Pole # A936.			
0+56	7.8' Lt & 2.5' Conc. Steps			
0+54.5	6.8' Rt to Deadman			
0+50	8.6' Lt. & Single Garage (Wood Frame)			

6.62

Lt			℄			Rt		
0.7/0	1.7/0	4.4/-0.0	4.3/-0.0	4.7/-0.0	4.9/-0.0	5.0/-0.0	5.0/0.4/0	5.0/0/-0.1	5.0/0/0.0
	6.55	6.45	7.06	7.05	7.09	7.11	7.09	6.58	7.02	6.52
50 cb	50 Gut	11 cb	11 Gut	8		8	11 Gut	11 cb	50 Gut	50 cb
	Water			in	Gutter					
		4.6/0	2.1/0	1.8/0	1.1/0	3.4/0			
		6.16	6.41	6.44	6.51	6.28			
		8.43 cb	8.23 Gut		7.90 Gut	7.90 cb			
	1/3		1.6/1	4/1	4/1	0.1/2		1/3	
	3.5		5.0	5.2	5.2	4.6		3.0	
	20		8		5	8		20	
	3.1/3		3.1/2/3						
	3.00		3.46						
	8.7 conc 2nd step		7.8 conc 1st step						
	3.3/3		3.6/3	3.9/2	3.7/2	3.2/3	2.2/4		
	8.6		8		6	8	20		

6.62

Roberts
1-11-51
W.O. 3112

X-Section Alley Blk. 160 Mission Beach
Mission Blvd to Bayside Lane

See T.P. 25 pg 7

		Lt	℄	Rt
0+44	8' Lt Begin Conc. Apron	0.01 / 0 / 4.93 / 12' Floor	0.23 / 5.32 / 8' Conc.	
0+40	8' Rt Begin Conc Apron			0.23 / 5.14 / 8' Conc
0+27	8' Rt to End Conc. Apron	0.21 / 4.6 / 20	0.17 / 5.3 / 8	0.09 / 4.77 / 8' Conc
0+02	8' Rt to Conc. Apron			0.01 / 4.40 / 20' Floor
0+00	E. P.L. Mission Blvd.			
0-00.25	E. Pav. Edge Mission Blvd	0.27 / 4.68 / 8' cb	0.58 / 5.27 / 8' Gut	0.90 / 0.92 / 5.31 / 7' Gut
0-10	E. Curb. Line Mission Blvd	0.31 / 0.28 / 4.98 / 5.12 / 5' cb / Gut	0.31 / 0.25 / 4.78 / 5.14 / 11 cb / Gut	0.28 / 0.18 / 5.19 / 5.17 / 8 / 8
		4.39	5.3 / 4.39	

	Rt
0+44	8' Rt Begin Conc. Apron
0+40	8' Lt Begin Conc Apron
0+27	8' Lt to End Conc. Apron
0+02	8' Lt to Conc. Apron
0+00	E. P.L. Mission Blvd.
0-00.25	Rt Curb Gone From Alley E.C. to P.L.
0-10	E. Curb. Line Mission Blvd

	Rt	℄	Lt
0+44	0.01 / 0 / 4.93 / 12' Floor	0.23 / 5.32 / 8' Conc.	
0+40			0.23 / 5.14 / 8' Conc
0+27	0.21 / 4.6 / 20	0.17 / 5.3 / 8	0.09 / 4.77 / 8' Conc
0+02			0.01 / 4.40 / 20' Floor
0+00	E. P.L. Mission Blvd.		
0-00.25	0.27 / 4.68 / 8' cb	0.58 / 5.27 / 8' Gut	0.90 / 0.92 / 5.31 / 7' Gut
0-10	0.31 / 0.28 / 4.98 / 5.12 / 5' cb / Gut	0.31 / 0.25 / 4.78 / 5.14 / 11 cb / Gut	0.28 / 0.18 / 5.19 / 5.17 / 8 / 8
	4.39	5.3 / 4.39	

Cont'd From Page 50

1+21	10'	Lt	End Conc. Apron
1+12	10.6	Lt	Conc. Apron
1+00			
0+96	11'	Rt	℄ Double Garage
0+84.5	7'	Rt	center P. Pole # PA818
0+66	9.5'	Lt	Begin Conc. Apron
0+64	9'	Lt.	End Conc. Apron
0+57	7.9'	Rt.	End Conc Apron

4.39

Lt		℄	Rt
-1.54 / 5.93 / 142 Conc	1.58 / 5.97 / 103 Conc		
-1.48 / 5.87 / 146 Conc	1.53 / 5.93 / 106 Conc		
-1.42 / 5.81 / 142 Conc	-1.48 / 5.89 / 103 Conc	-1.61 / 5.9 / 8	-1.72 / 6.1	-1.74 / 5.8 / 8	-1.51 / 5.9 / 11
				-1.45 / 5.84 / 11 Conc	
-0.97 / 5.63 / 122 Conc	-1.30 / 5.69 / 93 Conc	-1.41 / 5.8 / 8	-1.44 / 5.8	-1.44 / 5.3 / 8	-1.21 / 5.6 / 17
-0.84 / 5.23 / 13 Conc	-1.02 / 5.46 / 93 Conc				
				-0.99 / 5.38 / 79 Conc	-0.86 / 5.25 / 20 Conc

4.39

Cont'd From Page 51

1+53	8.3' Rt Begin Conc. Apron			
1+50				
1+46	8.4' Rt ℄ Conc. Apron			
T.P.	5.01	3.51 ↑	5.89	-1.50
1+35	8.0' Rt ℄ Conc. Apron Single Garage			
1+30	8.5' Lt ℄ Sngl Garage with Conc. Apron (Under Water)			
1+25	9.3' Rt ℄ Single Garage			

4.39 ↑

℄					
			5.1 / -1 / 5.01 / 8.3 Conc	1.35 / -1 / 4.66 / 11.2 Floor	10.6 3.5 11 4.66
4.9 / 12	5.0 / 8	5.3	5.2 / 8	5.2 / 11	
			5.30 / 8.4 Conc	5.07 / 11.5 Floor	
		3.51 ↑			
			6.02 / 8 Conc	5.92 / 9.6 Floor	
5.90 / 13.6 Floor	6.22 / 8.5 Conc	6.4	6.2 / 8		
			5.92 / 9.2 Floor		
		4.39 ↑			

Contd From Page 52

2+11.94 to 1' C.T.

2+11.04 W. Pav. Edge Bayside Lane

2+00.

1+95 14' Lt ℄ Double Garage

1+65 13' Lt ℄ Single Garage

1+63 8' Rt End Conc. Apron

1+57 13' Lt ℄ Single Garage

3.51

Lt ℄ Rt

53

25/-1/5.36/50

61/-1/5.16/8

74/-1/5.25

62/-1/5.18/8

69/-1/5.20/50

61/-1/5.1/13

57/-1/5.2/8

57/-1/5.2

61/-1/5.1/8

69/-0/4.4/11

61/-1/5.10/14' Floor

61/-1/5.12/13' Floor

50/-1/5.01/8' Conc

11/-1/4.62/11' Floor

61/-1/5.12/13' Conc Floor

3.51

Cont'd From Page 53

Check			5.29	-0.82 = -0.81	see pg. 43
T.P.	6.50	4.47	5.54	-2.03	

2+19 ℄ Bayside Lane

3.51

℄	℄	℄	℄	℄
02	27	52	86	91
1	1	1	1	1
5.60	5.28	5.37 MH Rim	5.36	5.42
50	8		8	50

3.51

Roberts
1-11-51
WO 3112

X-ject Alley Blk 155 Mission Beach
Mission Blvd. to Bay Side Lane

See TP 25 pg. 8

		Lt				Rt	
0+50	10± Rt End Conc. Apron	60/-0 4.97 9.4 conc. Floor	24/-0 5.21 7.6 conc	93/-0 5.4 7.6	18/-1 5.6	73/-0 5.4 6	56/-0 5.03 8	45/-0 4.92 10.7 conc	31/-0 4.78 12.6 Floor
0+33	7.45' Lt. Begin Conc. Apron	63/-0 5.10 8.7 conc	61/-0 5.14 7.45 conc						
0+27	10± Rt Begin Conc. Apron						43/-0 4.90 10.5 conc	21/-0 4.68 12.7 Floor	
0+24.5	7.8' Rt center Pole # 546136 H								
0+00	E. L. Mission Blvd.								
0-00.2	E. Pav. Edge	33/-1 4.80 6.5 cb	01/-1 5.47 8.5 Gut	33/-0 5.40			01/-1 5.47 7.5 Gut	21/-0 4.97 7.5 cb	
0-1.0	E. Curb Line Mission Blvd	42/-0 4.89 5.0 cb	26/-0 5.23 5.0 Gut	41/-0 4.93 11 cb	56/-0 5.38 11 Gut	59/-0 5.36 8	58/-0 5.26	73/-0 5.40 8	86/-0 5.35 11 Gut	49/-0 4.96 11 cb	29/-0 5.26 5.0 Gut	46/-0 4.93 5.0 cb
		4.47				4.47						

Cont'd From Page 55

		Lt	℄	Rt
1+07	8' Rt End Conc. Apron			23 / -1 / 5.72 / 8 conc
1+00		57 / -0 / 5.04 / 10 conc	25 / -0 / 5.22 / 7+ conc	10 / -1 / 5.5 / 7+ Dirt
				6.1
				21 / -1 / 5.7 / 8±
				21 / -1 / 5.70 / 8+ conc
				10 / -1 / 5.48 / 13± Floor
0+84	7± Rt Begin Conc. Apron			24 / -1 / 5.69 / 7+ Conc
0+84	6± Rt center P. Pole # 2818			07 / -1 / 5.54 / 13± conc
0+65	7± Lt. Begin Conc Apron	59 / -0 / 5.06 / 9± Floor	25 / -0 / 5.25 / 7+ conc	
0+62	7± Rt℄ Single Garage with Apron			59 / -1 / 5.84 / 7+ conc. Apron
				07 / -1 / 5.54 / 9± Floor
0+59	7± Lt End Conc. Apron	41 / -0 / 4.98 / 9+ conc Floor	22 / -0 / 5.24 / 7+ conc	

4.47

4.47

Cont'd From Page 56

1450					
1445±	7' Rt End Conc. Slab				
1441	8' Lt. Conc. Slab				
1437±	8 Rt Conc. Slab				
1434	Rt ℄ Single Garage				
1422	Rt ℄ Single Garage				
T.P.	4.65	3.11 ↑	6.01	−1.54	
1411	8' Lt End Conc. Apron				
		4.47 ↑			

Lt	℄	Rt
6/ − 4.77 135 Conc	90/ − 5.01 8 conc.	9/ − 5.0
		7/ − 4.8 8
		5/ − 4.62 7± conc
7/ − 4.82 13 conc	8/ − 4.96 8' conc	
		5/ − 4.65 8 conc.
		7/ − 4.88 7± Apron Conc
		6/ − 4.75 12± Floor
		6/ − 4.96 8.0 conc Apron
		7/ − 4.90 10± Conc
		6/ − 4.69 12± Floor
	3.11 ↑	
	6/ − 5.28 8 conc	
	4.47 ↑	

Cont'd From Page 57.

Check 5.14 −2.03 = −2.03 Sta pg. 54

1+91½ ℄ Par. Bayside Lane.

(Levels TP to Bayside)

1+83¹¹ W. Par. Edge Bayside Lane.

To — 1' C.T.

1+83⁹⁵ 9½' Lt End Conc. Apron Rt. 45

1+80

1+68⁵ 8½ Lt. Begin Conc. Apron

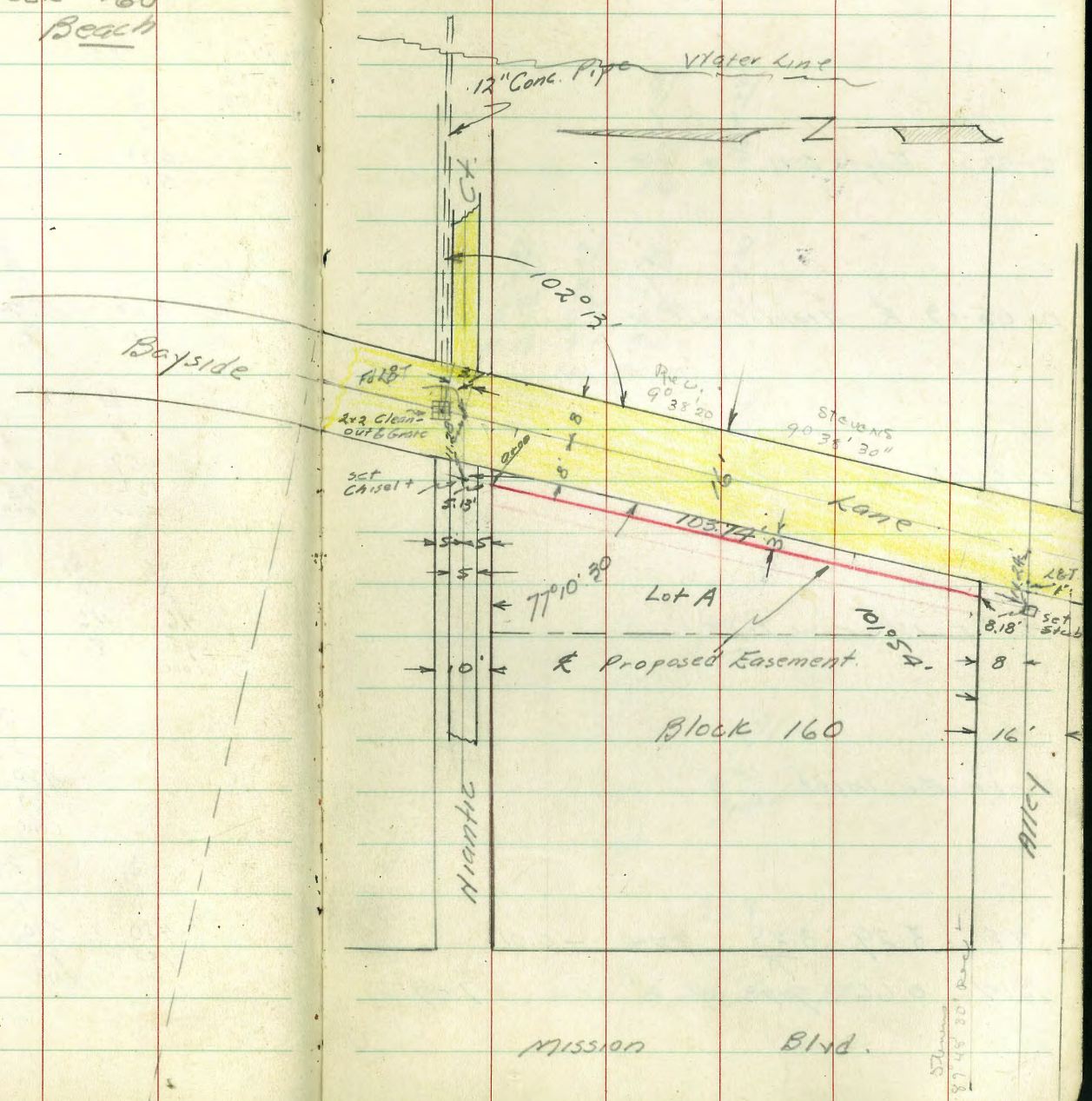
1+68 8½' Lt. End Conc. Slab

3.11

	Lt	℄	Rt
1+91½	5.29	5.30	5.36
	50	8	8 Rim
1+83¹¹	5.09	5.12	5.31
	50	8	
1+83⁹⁵	4.59	4.58	
	12 Floor	9½ Conc	
1+80	4.6	4.6	5.0
	9½ Conc	8	6
1+68⁵		4.80	
		8½ Conc	
1+68	4.80	5.10	
	13½ Conc	8½ Conc	

3.11

1-29-51 Survey for Proposed Easement.
Hendricks Lot A Block 160
Allen Mission Beach
Shepard
Bruner
WO# 3121



Levels Storm Drain
Atlantic Ct.

0-02.56 Edge S.W.

0-05.13 ℄ Atlantic Ct.

Outlet ex. 12" Conc. Pipe

FL Ex 12" Conc. Pipe

Grate Ex. Inlet

TP	3.29	3.28	7.7℄	−0.01	
BM.	0.66	7.73			7.07

-1.33 / -1.44
℄ 61 ℄ 73
3.4

-2.27 / 03 / -1.82 / -1.43
5 55 5 31 ℄ 60 ℄ 71
11.28 3.4 3.4
Pav. End S.W.

-1.95
℄ 23
FL.

-4.17
7 45
FL

-2.33
5 61
Grate

3.28

S.W. BP Sea Wall & San Juan Pl.

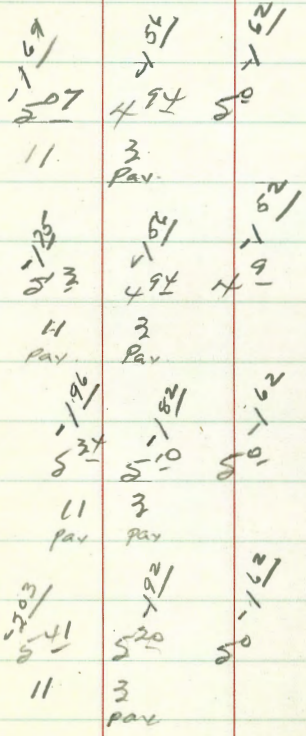
contd from P. 60

0+90.43 N 4y Line Alley

0+75

0+50

0+25



Nahant to Nantasket 189.8

35
3
105

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1½

For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	0
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	1
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	2
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	3
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	4
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	5
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	6
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	7
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	8
9	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	9
10	23.0	23.2	23.3	23.5	23.6	23.8	23.9	24.1	24.2	24.4	10
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	11
12	26.0	26.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	12
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	13
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30.2	30.4	14
15	30.5	30.7	30.8	31.0	31.1	31.3	31.4	31.6	31.7	31.9	15
16	32.0	32.2	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	16
17	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	34.9	17
18	35.0	35.2	35.3	35.5	35.6	35.8	35.9	36.1	36.2	36.4	18
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	19
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	20
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40.9	21
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	22
23	42.5	42.7	42.8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	23
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	24
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	25
26	47.0	47.2	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.4	26
27	48.5	48.7	48.8	49.0	49.1	49.3	49.4	49.6	49.7	49.9	27
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51.1	51.2	51.4	28
29	51.5	51.7	51.8	52.0	52.1	52.3	52.4	52.6	52.7	52.9	29
30	53.0	53.2	53.3	53.5	53.6	53.8	53.9	54.1	54.2	54.4	30
31	54.5	54.7	54.8	55.0	55.1	55.3	55.4	55.6	55.7	55.9	31
32	56.0	56.2	56.3	56.5	56.6	56.8	56.9	57.1	57.2	57.4	32
33	57.5	57.7	57.8	58.0	58.1	58.3	58.4	58.6	58.7	58.9	33
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	34
35	60.5	60.7	60.8	61.0	61.1	61.3	61.4	61.6	61.7	61.9	35
36	62.0	62.2	62.3	62.5	62.6	62.8	62.9	63.1	63.2	63.4	36
37	63.5	63.7	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.9	37
38	65.0	65.2	65.3	65.5	65.6	65.8	65.9	66.1	66.2	66.4	38
39	66.5	66.7	66.8	67.0	67.1	67.3	67.4	67.6	67.7	67.9	39
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be 41.9+(20—16)÷2 or 2 ft. added to 41.9 =43.9. For slopes of 1 on 1 see inside of front cover.

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