G-225

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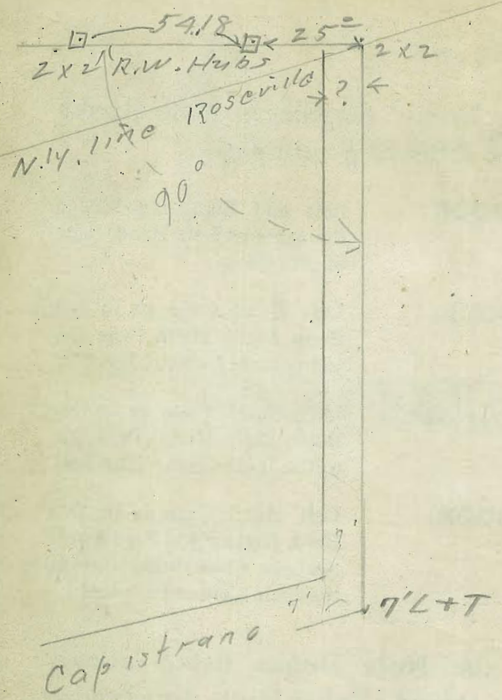


Law. St. Gresham to Hains {Meter-Boxes}	73-78
Capistrano Pl. Pump house Mission Beach	6 to 10
Quimby + Poe. S.Ely From Capistrano	2-4
Frontier Sewers	3-
47+Market Culvert	5
Harbor Dr. Trafic Islands	11
Mission Valley Golf Club - Culvert check	12
Blk 3. Las Alturas Sewer	13
Haines + La Playa Water line	14
Alley Blk 60. Ocean Beach	15
Newtown park Blood Center	16
Reed + Daley Sub. Alley Blk 322	17-18 53+54
" " " " " 319	19-20 51+52
Meade - Resurface Fairmount to 32nd	21-49 +58
Oakmere Sewer	50
Meade Resurface 32nd to Georgia	55 to 58
30th + Landis Curb Grades	59
Front + Quince Culvert 64+	60
Water Grades (Dalbergia) Vesta to Yama	61
(Yama) Dalbergia to Cottonwood	62
Beardsley + Harbor Dr. Sewer	63
Valencia Park Culvert Blk 3-	65
32nd + Univ. Returns	66
Bramson Pl. Storm Drain	67 to 68
Blks. 3+5 Nettleship Tye Tract #1 Sewer	71 + 72
Bangor {Sewer Grades Lucinda to Jennings}	69
Harbor Dr. + Bangor Locate Sewer - D.E.S	79

Capistrano Place Pump House

2-3-47

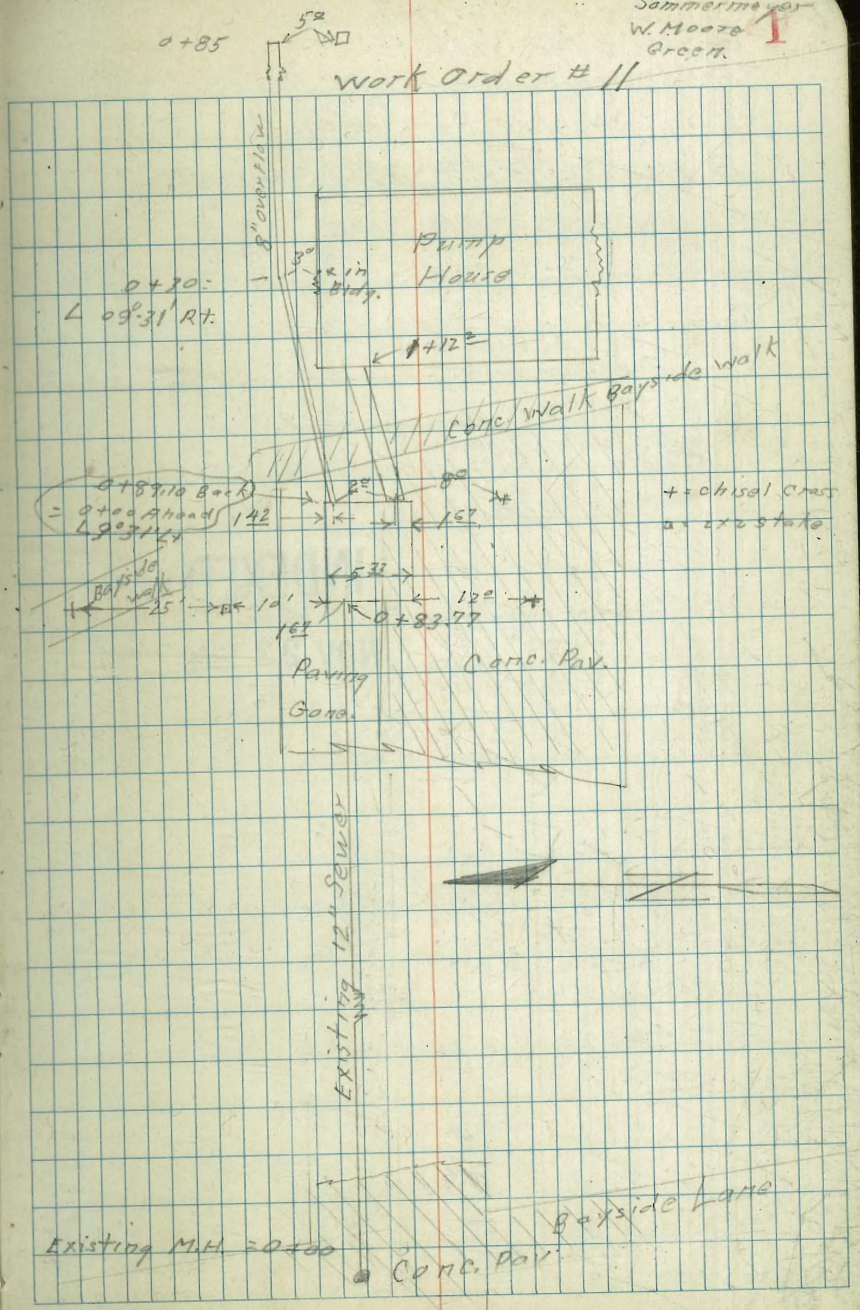
B.M.= Nail in Fence. S. Side Capistrano Place & Bayside walk. Brot. from San Diego Place See Book

2.75	3.33	—	0.58	
0+83.77 W. Edge M.H			-8.10	
0+89.10 E. Edge M.H.	-8.60 11.93 3.02 C 8.91		12" Line to Pump house +IN paving 8' Rt.	
1+12 = 12" line at pump house			-12.00 15.33 2.33 C 13.00	+ in Pump House. on line
0+00 (8" over flow) ∠ 9°-31' Lt	-3.00 6.33 3.02 C 3.31		+ in Pav. 10' Rt	
			Rate = .01177	
0+30 (∠ 9°-31' Rt)	-3.35 6.68 3.68 C 3.00		*3' Rt	
0+85 End pipe	-4.00 7.33 8.57 F 1.24		6' Rt.	

Sammermeyer
W. Moore
Green

1

Work Order # 11



2-4-46 Sewer lateral Grades

Quimby & Poe streets

Capistrano to W'ly line Roseville

Work order 1019

B.M: S.E. I.P. Chatsworth & Poe.

	1.37	79.58	—	78.21	BM #1
T.P.	7.10	77.40	9.28	70.30	
S.S.	N.W'ly. B.P. Poe & Capistrano	(shown as 71.70)	5.66	71.74	BM #2
T.P.	9.63	86.41	0.62	76.78	
S.S.	S.W.R.R. Quimby & Capistrano	(shown as 81.21)	5.27	81.14	B.M. #3
		86.41			

INDEXED
WK
NOV 22 1948

LAT. #1					
		78.12			
		8.29			
		3.21			
		C 5.08			
T.P.	13.16	99.31	0.26	86.15	

LAT #2	#3	#4	#5	#6	#7
83.21	85.35	87.49	87.63	91.70	93.50
16.10	13.96	11.82	9.68	7.61	5.81
10.93	8.76	6.53	4.70	2.32	0.45
C 5.17	C 5.20	C 5.29	C 5.38	C 5.29	C 5.36
T.P.	12.22	110.35	1.18	98.13	

	#8	#9	#10	#11	#12	#13
	95.10	90.40	97.50	98.42	97.83	101.24
Stub 2"Back	15.25	13.95	12.85	11.93	10.52	9.11
	9.37	8.62	7.65	6.77	5.33	3.84
	C 5.88	C 5.33	C 5.20	C 5.16	C 5.19	C 5.27

W.O. 1019 2

110.35

Sewer Laterals Quimby St.

#14	#15	#16	#17	#18	#19	#20
95.21	97.74	98.66	99.58	100.50	101.47	102.38
15.12	13.61	12.69	10.77	9.85	8.88	7.57
3.94	7.00	6.44	5.72	5.31	4.37	3.13
C 1.20	C 5.63	C 5.25	C 5.05	C 4.54	C 4.51	C 4.44

2"x2" in ditch

T.P.	0.97	88.85	12.47	97.88
T.P.	0.82	86.66	13.01	85.84
T.P.	1.88	75.76	12.78	73.88

Sewer Laterals Poe St.

#31	#30 2"x2" Stub	#29	#28	#27
60.24	59.09	59.53	59.88	60.22
15.52	16.67	16.23	15.88	15.54
10.74	6.81	11.01	10.56	10.39
C 4.78	C 9.86	C 5.22	C 5.32	C 5.29

#26	#25	#24		
60.57	61.26	61.94		
15.19	14.50	13.82		
10.04	7.29	8.61		
C 5.15	C 5.21	C 5.21		
	7.72	74.32	9.16	66.60

#23	#22	#21			
64.71	65.05	65.40			
9.61	9.27	8.92			
4.38	4.22	3.78			
C 5.23	C 5.45	C 5.14			
T.P. 3.76	75.49	2.59	71.73	B.M. #2 opposite Poe	
T.P. 6.80	77.67	2.62	72.87		
		1.45	78.32	for original B.M.	
			78.21	0.01 Error	
			0.01		

See page 4

2-5-47
Sommermeyer
W Moore
J. Green

W.O. 11267
Frontier St
So. of M.H. 57 O.B. Sewer Line

B.M. = M.H. Invert - 0+00 = -4.40

11.10 6.70 — -4.40

0+00	0+25	+50	+75
-4.40	-4.23	-4.05	-3.88
11.10	10.93	10.75	10.58
	4.63	4.63	4.62
	C 6.30	C 6.12	C 5.96

1+00	+25	+50	+75
-3.70	-3.53	-3.35	-3.18
10.40	10.23	10.05	9.88
4.60	4.69	4.73	4.66
C 5.80	C 5.54	C 5.32	C 5.22

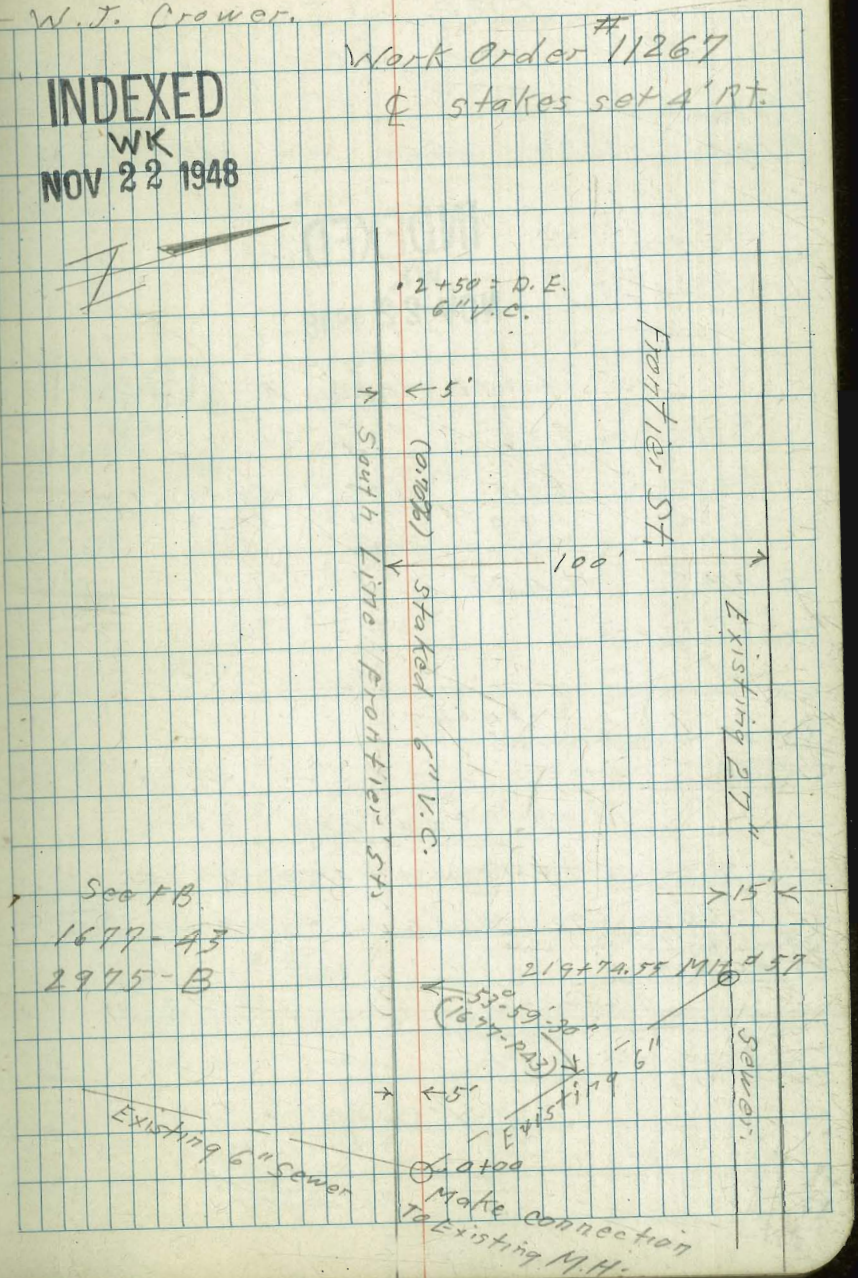
2+00	+25	+50 Dead End
-3.00	-2.83	-2.65
9.70	9.53	9.35
4.64	4.62	4.53
C 5.06	C 4.91	C 4.82

Stake Sewer P.L. 242 For
W.J. Crower.

3

INDEXED
WK
NOV 22 1948

Work Order # 11267
℄ stakes set 4' Rt.



2-5-47

W.O. # 1019

Poe. St.

Additional Sewer Laterals

#16 Lat. stake page 2	2.88	68.60	—	65.72	60.57 c 5.15 65.72

Omit #36 & #38

Set 2x2 stakes 4' Back

#32	#33	#34	#36	#37
59.97	59.52	59.07	58.44	58.08
8.63	9.08	9.53	10.16	10.52
3.96	4.35	4.90	5.91	5.86
C 4.67	C 4.73	C 4.63	C 4.25	C 4.66

2-14-47

Quimby & Capistrano

SEBP	11.02	92.16	—	81.14	page 2
	10.48	98.44	4.20	87.96	
	5.78	103.44	0.78	97.66	
opposite 3+75 T.P. in Drive	6.90	104.56	5.78	97.66	B.M. #4
Check to Lateral cut Lat # 9			2.82	101.74	
				SB 101.73	
				0.01	

Grade 96.40
cut 5.33
El. Cross = 101.73
For Lat # 9

T.P. in Dr. opposite 3+75
97.66
5.75
103.41

+60 4.88
+80 2.17

2-14-47

4

Curb Stakes Quimby W.O. 1019
Capistrano South

W. Side Quimby 98.44

1+85	2+30	2+75	Brk 3+20	Meet curb 3+26
End Curb 98.44	90.13	92.57	95.00	95.30
10.75 Rod 87.69 Low 0.15 IN.	8.31	5.87	3.44	3.14 IN 3.12 .02

104.56

Void Set to plan grade see Below

4+12.50	+20	4+40	+60	+62.5
should be 99.03	99.30	100.00	100.60	should be 100.67
98.75 .15	99.04	99.73	100.42	100.52 .15
5.81 ok	5.52	4.83	4.14	4.04

104.56

East Curb Quimby

4+45	4+50	4+70	4+80
99.90	100.10	100.80	101.10
4.66 4.69 ok	4.46	3.76	3.46 ok

West Curb Quimby 103.41

4+00	+20	+40	+60	+80
98.60	99.30	100.00	100.60	101.20
4.81	4.11	3.41	2.81	2.21
stake set. Curb 0.07 Low				stake set Curb 0.04 High

Stake 18" Culvert. N. W. Cor.

Work order # 30

Stakes set 8' So. of ℄.
0+00 R.P. stake set 8' E. of 0+00

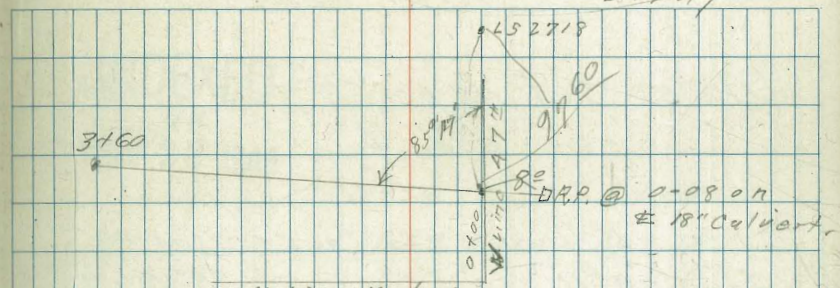
B.M. = ℄ L+T. Market + 47.

8.92	129.88	—	120.96
9.10	138.71	0.27	129.61
2.96	129.22	12.45	126.26
		8.27	120.95
	orig BM —		120.96
			-0.01

47th & Market,

Sommermeyer
W Moore
J Green
2-19-47

5



N. 41° W. Market

129.88

Start pipe
0+00

F.L.
Clean out

0+00	0+50	1+00	1+50	2+00
115.20	115.40	117.40	119.40	121.40
14.68	14.48	12.48	10.48	8.48
10.80	10.80	6.56	5.10	4.41
C 3.88	C 3.68	C 5.92	C 5.38	C 4.07

138.71

End pipe

2+50	3+00	3+30	3+60
125.40	127.40	128.60	129.80
13.31	11.31	10.14	8.91
9.10	6.59	4.98	2.64
C 4.21	C 4.72	C 5.13	C 6.27

20-Feb. 1947
Sommermeyer

STAKE CULVERT IN
W.O. # 209

Stakes set as per "B" sheet # 3188
and "L" " " # 6820 L

0+00 = L. - Connection to Existing 24"
drain 4± No. No. Line E. St. 78°16'±Rt Prop Line
1+49.1 = Ctr. type "D" Catch Basin + L 20.57' Rt
1+59.3 = End of pipe.

Stakes set 8' L + ℄.

S.W.B.P.	1.17	181.18	—	180.01	27 + E
	1.66	170.11	12.73	168.45	
	1.27	159.05	12.33	157.78	
	0.91	147.59	12.37	146.68	
End of Existing 24" 0+00 - 1'±			10.11	137.48	O.K

Alley Blk 2 - Parish + Loomis Sub 6
E. to Broadway - 26 to 27 #

0+00	0+50	1+00
137.52	138.59	139.66
10.07	9.00	7.93
6.16	7.20	6.61
C 3.91	C 1.30	C 1.32

Invert C.B.	Top C.B.	End Job
1+49.1	144.5	1+59.3
140.71	3.09	140.93
6.88	2 8-	6.66
2.80	C 0.29	2.74
C 4.08		C 3.92

Curb grades South end Poe

24-Feb. 1947 (L sheet 6628L)

N.W.B.P. Poe + Capistran	2.14	73.88	—	71.74	
	3.53	69.86	7.55	66.33	
"W" on East Ol. N. Roseville Line	5.19	69.36	5.69	64.17	BM#1
	1.46	62.71	8.11	61.25	

East side poe

69.36 ↑

Grade check 7+91.64

69.36
64.23
5.13
5.17
-.04 ✓

End Curb 8+16.64

69.36
64.00
5.36 ✓ Sat.

69.36 ↑

West Curb. Poe St.

7+42.55 — Sa. End. Curb. Inlet 7+58.92 Brk. — End. Curb 7+94.5

IV
62.66
6.70 Should Be
6.78
-0.04 Low.

62.50
6.86 ✓

62.75
6.61 ✓

Culvert B. sheet # 3232

69.36 ↑
0+00 ±
5.750
11.86
6.86
C 5.00

69.36 ↑
#22.25
53.75
15.61
8.11
C 7.50

62.71 ↑
End
+44.50
50.00
12.71
9.02
C 3.69

N.W.B.P. Poe + Capistrano	2.94	74.68	—	71.74
		So. Line Capistrano		
0+00 = Prop. W. Line Poe	So Line Capistrano			
BM#1 Page 7	3.68	67.85	—	64.17

7+28.92
7+40
7+44.5
+48.92 also ~~58~~ 7+58.92
+77.4 En Curb on west
7+78.92 Brk on west — 63.50 Brk on East, 413, 67.63
+95.3 End West Pav.
7+44.5
7+69.5
7+85.1

Paving Grades Poe St.

East	℄	West	
28.46	For ℄ B.P. 71.74, 3.31, 75.05; 74.68	0+00	0-5.18
70.28	75.05, 70.32	69.50	69.52
4.40✓	4.73✓, 33, 5.06 subgr.	5.18✓	5.16✓
	67.85	62.38, 5.47✓	
63.50, 4.35✓	63.16	61.50 catch basin	
63.50, 4.35✓	67.63	62.10, 5.53✓	
		62.18, 5.45✓	
	Set to subgrade: 63.16, 4.47, 33, 4.80✓; 63.16, 4.47, 33, 4.80✓; 63.28, 4.35, 33, 4.68✓		

Rake

Paving Grades Quimby

Breaks	East	℄	West
		BM#3 Page 2	81.14 7.34 88.48 0.30 88.18 Rock
0-28.46			
0-17.07			11.47 99.65 2.00
0-5.18		BM#4 Page 4	97.65 (97.66) 6.22 103.87
0+00		BM#3-Page 2 81.14 5.20 86.34 ⊼ 0.18	
1+00		86.16 12.73 98.89 ⊼ 0.37	
1+15.85	Brk	98.52 9.24 107.76	
1+85 Rake			
3+15.85	P.V.C. East.		
3+20	P.V.C. West		
3+35.85			
3+40			
3+55.85			
3+60			
3+75.85			
3+80			
3+95.85			
4+00			

Capistrano - South 25-Feb. 1947

Sheet 6628 L

East	1/4	℄	1/4	West
⊼ 88.48		⊼ 86.34		⊼ 88.48
81.37 7.11 ✓		℄ set to sub grade		
		81.30 5.04 ✓ .33 5.37 Sub. Gr.		80.44 8.04 ✓
		81.62 4.72 .33 5.05 ✓	℄ +50 82.76 3.58 .33 3.91 ✓	80.50 7.98 ✓
		83.90 2.44 .33 2.77 ✓		83.00 5.48 ✓
84.33 4.15 ✓		84.48 1.86 .33 2.19 ✓		
⊼ 103.87		℄ HI = 98.89		87.33 1.15 ✓ 0.36 Curb Face
94.99 8.88 ✓				⊼ 103.87
		95.21 3.68 .33 4.01 ✓		94.42 9.45 ✓
96.03 7.84 ✓		96.23 2.66 .33 2.99 ✓		95.44 8.43 ✓
96.98 6.89 ✓		97.17 1.72 .33 2.05 ✓		96.37 7.50 ✓
97.88 5.99 ✓		98.05 0.84 .33 1.17 ✓		97.24 6.63 ✓
98.70 5.17 ✓		98.85 0.04 .33 0.37 ✓		98.03 5.84 ✓

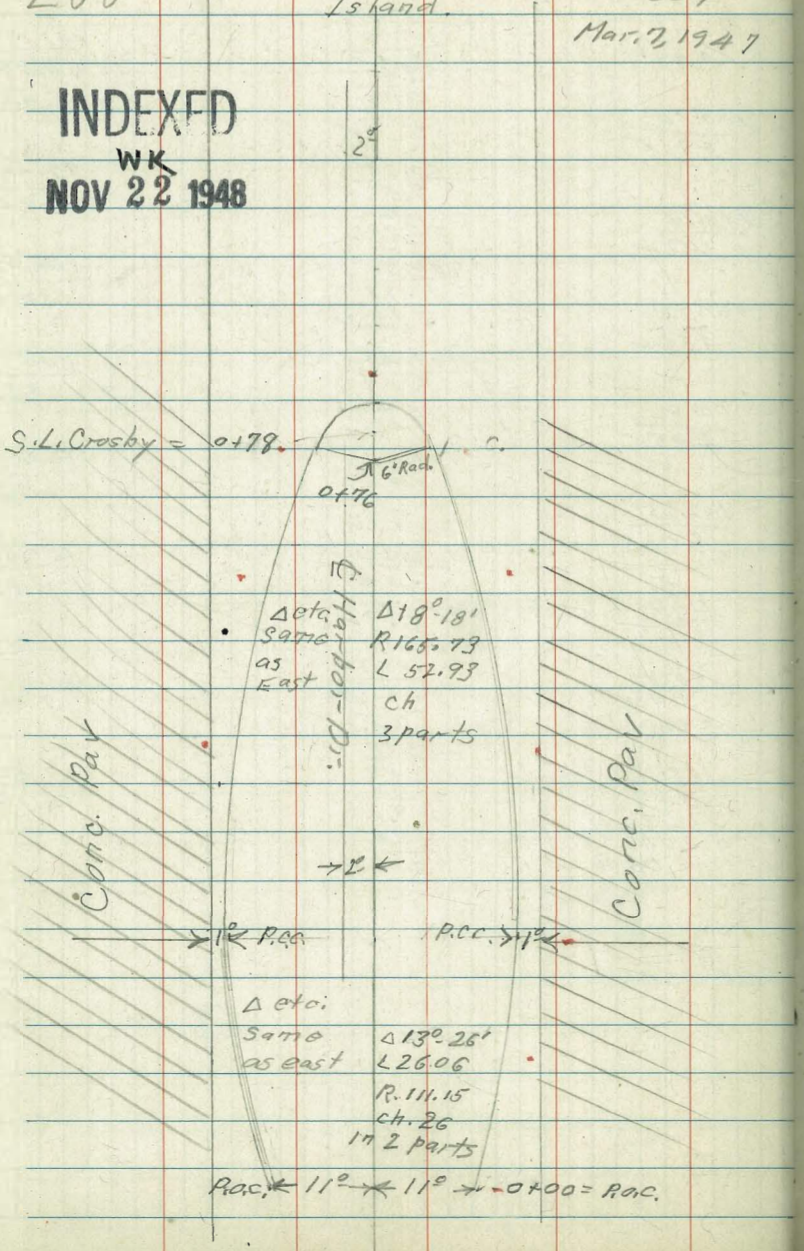
4+15.85		↑
		107.76
4+20		2.79
		104.97
4+35.85		6.77
		111.68
4+40		
4+55.85		
4+60		
4+75.85		
4+80		
4+95.85		
5+00		
5+15.85	E.V.C. East	
5+20	E.V.C. West	
		BM # A Page 4
		97.66
6+93 Mid Curve on East		9.92
6+86 Mid Curve West		107.58
		2.60
	West 4' face 6+86	104.98
8+11 End Cb. East	~~St~~ Curb	7.10
8+39 " " West		112.08
		7.10
		104.98
		6.77
		~~111.75~~
10+ 10+		

↑ 103.87 EAST	1/4	↑	1/4	West ↑ 103.87
99.47		107.76		
4.40 ↓		99.60		98.78
		8.16		5.09 ↓
100.16		33		
3.71 ↑		8.49 ↓		
		100.26		99.44
		7.50		4.43 ↓
100.78		33		
3.09 ↓		7.83 ↓		
		100.87		100.92
		6.88		3.85 ↓
101.34		33		
2.53 ↓		7.22 ↓		
		101.40		100.53
		6.36		3.3 A ↓
101.82		33		
2.05 ↓		6.69 ↓		
		101.86		100.98
		5.90		2.87 ↓
102.25 ↑		33		
1.62 ↓		6.23 ↓		
		102.22 ↓		101.42
		5.54		2.45 ↓
↑ 111.75		33		↑ 111.95
		5.87 ↓		
		111.69 ↑		
		105.89 ↓		104.55
105.80		6.09		7.20 ↓
5.95 ↓		33		
0.99 Curb Face		6.42 ↓		
		108.19		
108.17		3.49		107.42
3.58		33		
2.54		3.82		4.33 ↓
		1.82		
C 1.04 ↓		C 2.00 ↓		
From 7+46 Cb.				

Work Order
288

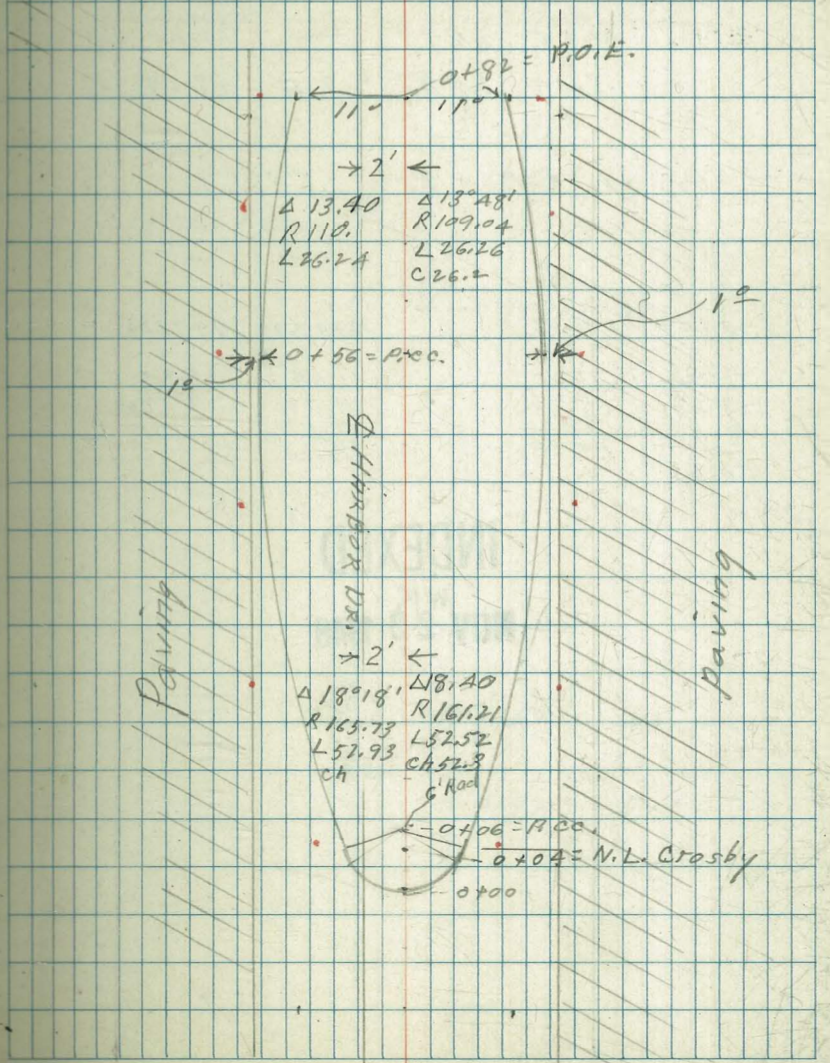
℄
Island.

Sommermeyer
W. Moore
J Green
Mar. 7, 1947



Trafic Islands Crosby + Harbor Dr.

150' Rad. does not pass thru the 3 points noted on plan.
Therefore Islands staked as shown.



3/13/49 W.O. 262

Check Culvert grades

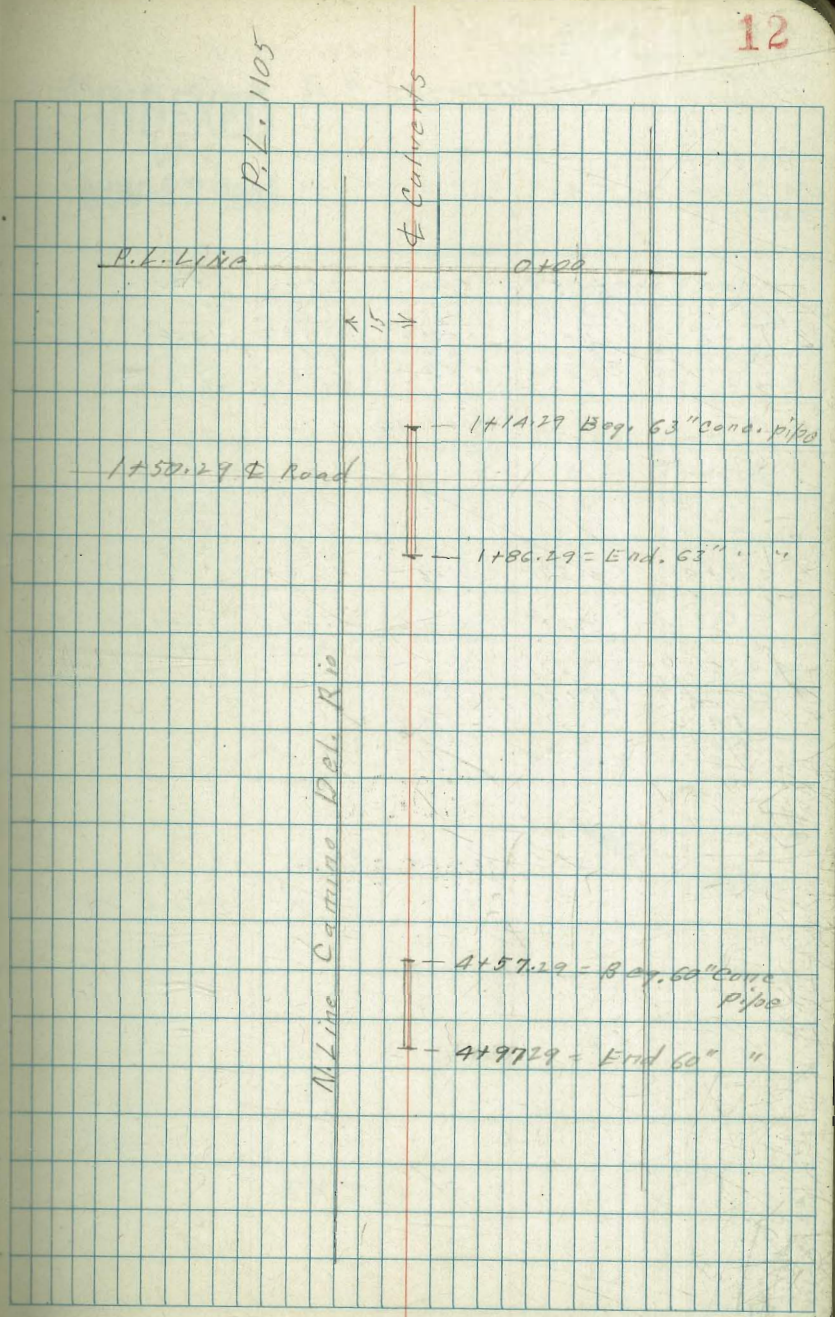
Mission Valley Golf Course

B.M. = 2x2 Hub FB 1670-48

10.55	26.79	—	16.24
3.14	20.83	9.10	17.69

Grades taken from 6875 L

1+14.29	1+86.29	4+57.29	4+97.29
12.61	12.35	11.06	10.94
8.22	8.48	9.77	9 89 L
8.47	8.56	9.57	Grade
F0.25	F0.08	C0.20	

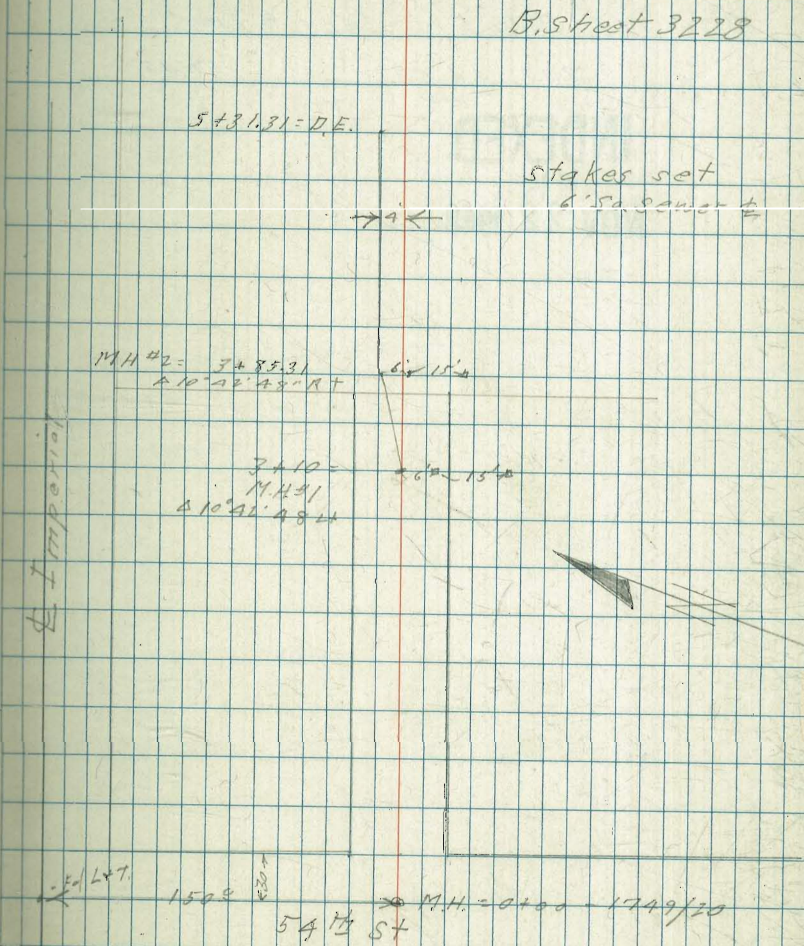


4-17-47 Sommermeyer W Moore J Green	Stake sewer. Blk 3 Los Alturos #2		{ 54th to East { 150' So. ℄ Imperial	
BM = ℄ L+T 54+Imperial FB1747-20	6.44	165.64	—	159.20
		⊼ 165.64		
0+00	0+50	1+00	1+50	2+00
154.20	154.55	154.90	155.25	155.60
11.44	11.09	10.74	10.39	10.04
5.62	5.20	4.79	4.89	4.76
C 5.82	C 5.89	C 5.95	C 5.50	C 5.28
		⊼ 165.44		
		MH #1		MH. #2
2+50	3+00	3+10	3+47.66	3+85.31
155.95	156.30	156.37	156.63	156.90
9.69	9.34	9.27	9.01	8.74
4.09	3.75	4.03	4.45	4.43
C 5.60	C 5.59	C 5.24	C 4.56	C 4.31
T.P.	5.25	166.46	4.43	161.21
4+35.31	4+85.31	5+31.31 = D.E.		
157.25	157.60	157.92		
9.21	8.86	8.54		
5.36	4.67	4.15		
C 3.85	C 4.19	C 4.39		
	3.45	165.39	4.52	161.94
orig B.M.			6.19	159.20 ok

Work Order 251

13

B.Sheet 3228



Mar. 31-47
Sommermeyer
W. Moore
L. Melton
S. Bain

Stake change

S.L. La Playa = Sta. 296+53 t

BM = N.E. B.D. Frontera + La Playa.

13.03 32.48 19.45

Check on pipe as laid 4-7-47

12.87 3.232 19.45

Water Line Haitos & La Playa.

B.M. 294+87.5	295+12.5	+37.5	+62.5	+87.5	296 +12.5
24.14	24.05	23.97	23.89	23.80	23.72
8.34	8.43	8.51	8.59	8.68	8.76
2.91	3.05	3.06	3.14	2.95	2.90
c 5.43	c 5.38	c 5.45	c 5.44	c 5.73	c 5.86

B.M. 296 +50.0	296 +81.25	B.M. 297 +12.50	B.M. - Joia pipe 297+37.5
295+37.5			25.29
23.64	23.60	23.90	24.20		17.79
8.84	8.88	8.58	8.28		8.51
2.61	2.42	3.86	3.68		c 8.68
c 6.23	c 6.39	c 4.72	c 4.60		

Stakes set 10'E ℄ pipe.

294+87.5	295+12.5	+37.5	+62.5	+87.5	296 +12.5
24.14	24.25	23.97	23.89	23.80	23.72
8.49	8.27	8.35	8.43	8.52	8.60
6.76	6.91	7.08	7.21	7.32	7.35
c 1.42	c 1.86	c 1.27	c 1.22	c 1.30	c 1.25

296 +37.5	+50	+81.25	297 +12.5	+37.5	+57.5	+78.5
23.64	23.60	23.90	24.20	25.29	25.49	25.67
8.48	8.72	8.42	8.12	7.03	6.83	6.63
7.53	7.60	7.17	6.68	6.22	5.59	5.07
c 1.11	c 1.12	c 1.25	c 1.47	c 0.81	c 1.24	c 1.56

Stake Paving Alley Blk. 60. O.B.

Bacon to Cable - Bet. Santa Monica + Newport.

0+00 = Ely. line Bacon.

NE. B.P. Bacon & Newport

	N.	℄	S
2+80	13.75 / 5.09 / 4.81 / C 0.28	18.84	13.75 / 5.09 / 3.09 / C 2.00
2+40	13.35 / 4.56 / 4.88 / F 0.02	17.91	13.35 / 4.56 / 3.56 / C 1.00
Brk. 2+00	12.95 / 4.96 / 5.28 / F 0.32	12.65 / 6.28 ✓	12.95 / 4.96 / 4.60 / C 0.36
1+50	12.39 / 5.52 / 5.42 / C 0.10	17.91	12.38 / 5.59 / 5.59 / F 0.06
1+00	11.82 / 5.15 / 4.60 / C 0.55	L 25 B	11.81 / 5.16 / 3.16 / C 2.00 Nail
0+50	11.25 / 5.72 / 4.92 / C 1.00 Nail		11.24 / 5.73 / 4.73 / C 1.00 Nail
0+00	10.68 / 4.78 / 4.25 / .03	10.37 / 4.59 / 4.03 / .06 / 14.96 ✓	10.66 / 4.30 / 4.28 / .02

	N	℄	S
6+00	16.06 / 5.58	15.78	16.10 / 5.52
5+80	16.22 / 5.40 / 4.60 / C 0.80	16.01 / 486 / 20.87 ✓	15.93 / 4.94 ✓ / 16.24 / 5.38 / 4.38 / C 1.00
5+60	16.31 / 5.31 / 4.47 / C 0.84	46.13 / 27.8	16.01 / 4.86 ✓ / 16.32 / 5.30 / 4.30 / C 1.00
5+40	16.29 / 5.33 / 4.89 / C 0.44	18.93	15.97 / 4.88 ✓ / 16.29 / 5.33 / 4.33 / C 1.00
Brk 5+20	16.15 / 5.47 / 4.44 / C 1.03		15.85 / 5.02 ✓ / 16.15 / 5.47 / 4.47 / C 1.00
4+80	15.75 / 5.23 / 4.28 / C 0.95		15.75 / 5.23 / 0+00
4+40	15.35 / 5.63 / 4.40 / C 1.23		15.35 / 5.63 / 4.56 / C 1.07
4+00	14.95 / 6.03 / 4.03 / C 2.00	20.98	14.95 / 6.03 / 5.09 / C 0.94
3+60	14.55 / 4.29 / 2.29 / C 2.00		14.55 / 4.29 / 3.22 / C 1.07
3+20	14.15 / 4.69 / 3.69 / C 1.00	18.84	14.15 / 4.69 / 3.92 / C 0.77

New Town Park

Sommer-meyer
W Moore
L Melton

Blood Donor Center 4-15-47

W.O #

SW.B.A. + Columbia	3.28	15.75	—	12.47
	X-Sec. Ground			
N.E. Cor			3.5	12.25
S E Cor.			3.8	11.95
NW. Cor			5.5	10.25
S. W. Cor			5.8	9.95

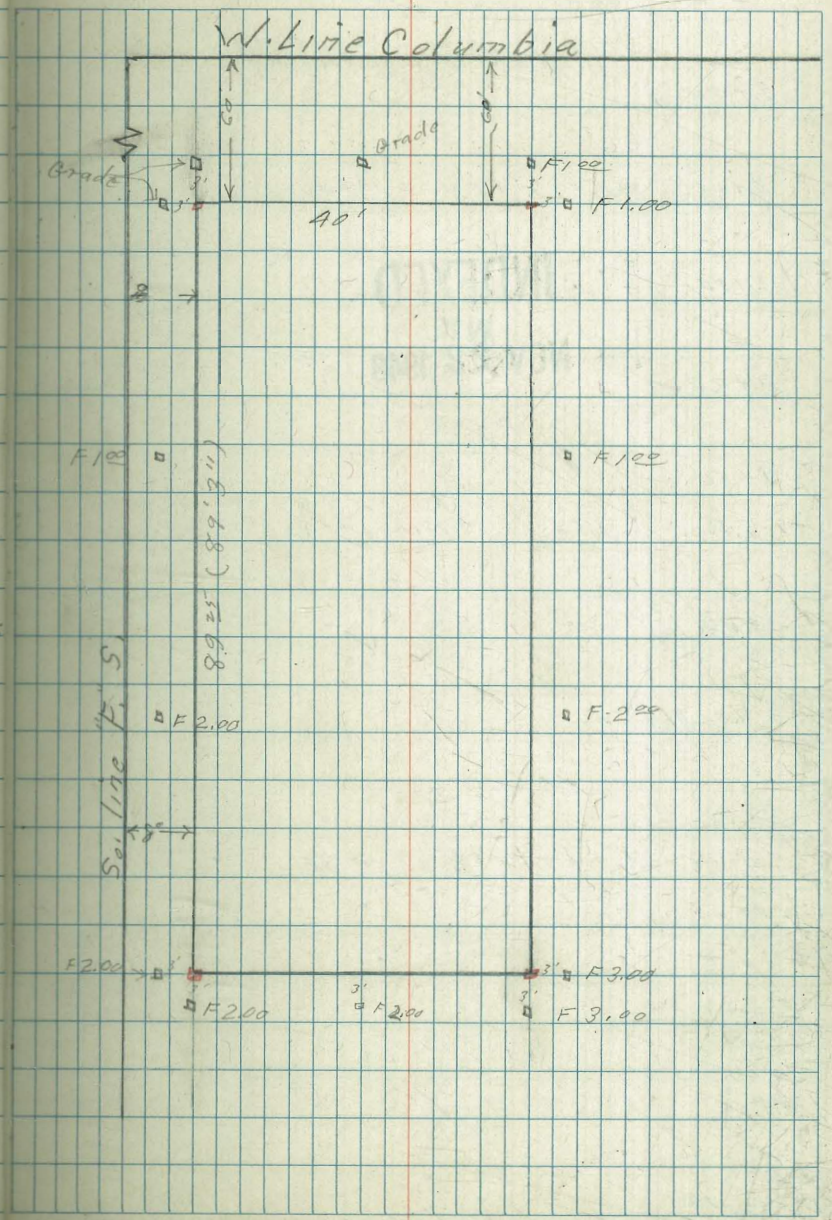
Stakes set 3° off lines as shown on sketch.

Also 2x2 R.W. Hubs set on Bldg. Corners.

Grade Est. 6" Above ground at N.E Cor

Cuts + fills as shown on sketch.

↑ Grade 15.75
Gr. rod 12.75
3.00



Alley Blk 322 Reed + Daley Add.
From 29+30 Bet. Clay + Webster
Orig grades @ 221-P. 55
Orig. Stakes - @ 221-55

3+00				
2+85	Sewer. Lat. #3 N + #2-So.			
2+50				
2+00				
1+50				
T.P.	5.36	79.16	4.43	73.80
1+00				
+80	E.V.C.			
0+60				
T.P.	3.89	78.23	4.13	74.34
0+40				
0+33				
0+00	El. 29th St.			
SEBR Clay + 29th	0.42	78.47	—	78.05

5/19/47 Paving Grades Blk 322 Reed + Daley's 17
N. ℄ S.
W.O. 31045

4.62 3.93 C 0.69	74.54	74.39 4.77 L 25 5.02		74.84	4.32 4.32 0.00		
8.54 4.13 C 4.41 Sew	70.62 #3			#2 70.62	8.54 4.13 C 4.41 Sew		
4.77 3.77 C 1.00	74.39	74.24 4.99 4.74 25 5.17		74.69	4.97 4.21 C 0.76		
4.92 5.12 F 0.20	74.24	74.09 5.07 L 25 5.32 sub.G.		74.57	4.62 4.81 F 0.19 L		
5.07 5.01 C 0.06	74.09	73.94 5.27 L 25 5.47		74.39	4.77 4.77		
4.29 3.29 C 1.00	73.94 Nail	73.79 5.37 L 25 5.62		74.24 Nail	3.97 3.97 C 1.00		
4.35 4.57 F 0.22	73.88	73.73 5.43 L 25 5.68		74.18	4.05 3.10 C 0.95		
4.43 3.43 C 1.00 Nail	73.78	73.63 5.53 L 25 5.78		74.08	4.15 4.15 0.00		
7.361 out		73.46 5.70 L 25 5.95		73.91	4.56 4.56 00 L		
4.93 4.69 C 0.24 L	73.54						
5.27	73.20	73.05 6.11 25 6.36		73.50	4.97		

Station	Remarks					Lt. N.		℄		Rt. So.
6+20.05	W.L. 30th Pav.					7.06 / 7.08 / -0.02 Pav.	72.25	71.63	72.21	7.10 / 7.14 / 0.04 Pav.
6+00						6.32 / 4.91 / C 1.41	72.99	72.48 / 6.83✓	73.07	6.24 / 4.97 / C 1.27
+80						5.66 / 5.00 / C 0.66	73.65	73.22 / 6.09✓	73.83	5.48 / 4.69 / C 0.79
+60	Sewer Lat. #4- South				71.50 / 7.81 / 4.52 / C 3.29	5.17 / 4.18 / C 0.99✓	74.14	73.71 / 5.60 out	74.38	4.93 / 4.52 / C 0.41
5+40						4.86 / 3.86 / C 1.00	74.45	74.04 / 5.27✓	74.74	4.57 / 4.15 / C 0.42
T.P.		3.41 / ~~2.19~~	79.31 / ~~78.09~~	3.57	75.90			79.31		
5+20	P.V.C.					4.87 / 3.87 / C 1.00	74.60	74.20 / 5.11✓	74.90	4.57 / 3.57 / C 1.00
4+80						4.75 / 4.59 / C 0.16	74.72	74.32 / 4.99✓	75.02	4.45 / 3.45 / C 1.00
4+40	E.V.C.					4.63 / 4.41 / C 0.21	74.84	74.44 / 4.87✓	75.14	4.33 / 4.14 / C 0.19
+35	Sewer Lat. #1 So.								71.10 / 8.37 / 3.43 / C 4.94	
+20						4.60 / 4.60 / C 0.00✓	74.87	74.72 / 4.75✓ / 25 / 5.00	75.17	4.30 / 3.94 / C 0.36
4+00	P.V.C.					4.63 / 4.27 / C 0.36	74.84	74.69 / 4.78✓ / 25 / 5.03	75.14	4.33 / 4.23 / C 0.10
3+50						4.78 / 3.98 / C 0.80	74.69	74.54 / 4.93 / 25 / 5.18	74.99	4.48 / 3.60 / C 0.88
		4.65	79.47 / 79.16	4.34	74.82					

Paving Grades Alley Blk 319 - Read + Daleys Add.
From 28th to 29th Bet. Clay + Webster.

XY0.31045

Orig Stakes G221-53

					N. Pav Gr	℄ Sub grade	S. Pav. Grade
+50					73.83 4.79 4.40 C 0.39	73.43 5.19	74.13 4.49 3.49 C 1.00
3+00					73.68 4.94 3.81 C 1.11	73.28 5.34	72.98 4.64 3.28 C 1.36
T.P.	5.51	78.62	4.50	73.11			
+50					73.53 4.08 2.96 C 1.12	73.13 4.48 ✓	73.83 3.78 1.78 C 2.00
2+00					73.38 4.23 ✓	72.98 4.63 ✓	73.68 3.93 2.84 C 1.09 ✓
+50					73.23 4.38 3.30 C 1.00	72.83 4.78 ✓	73.53 4.08 3.08 C 1.00
1+00					73.08 4.53 3.02 C 1.51	72.68 4.93 ✓	73.38 4.23 3.76 C 0.47
+80	E.V.C.				73.02 4.59 4.11 C 0.48	72.62 4.99 ✓	73.32 4.29 3.52 C 0.77
+60					72.87 4.74 3.74 C 1.00	72.47 5.14 ✓	73.17 4.44 3.80 C 0.64
+40					72.55 5.06 3.83 C 1.23	72.15 5.46 ✓	72.85 4.76 3.90 C 0.86
+20					72.06 5.55 4.31 C 1.24	71.66 5.95 ✓	72.36 5.25 3.97 C 1.28
0+00	E line 28th				71.40 6.21 ✓	71.00 6.61 ✓	71.70 5.91 ✓
B.M. - Top. Cl., So. Line Alley E Line 28th 1714-41	5.66	77.61	—	71.95			

S.E. B.P. Clay +29 th			1.82	78.05 ok	S.B. 78.05
	5.97	79.87	5.01	73.90	
5+99.50	W.L. 29th				
+80					
+60					
+40					
+20					
5+00	P.V.C				
T.P.	5.18	78.91	4.89	73.73	
+50					
4+00					
		78.62			

73.00
5.91
5.41
C 0.50

73.47
5.44
4.90
C 0.54

73.87
5.04
4.57
C 0.47

74.14
4.77
4.80
F 0.03

74.27
4.64
3.64
C 1.00

74.28
4.63
4.8-
F 0.19

74.13
4.49
4.77
Fill 0.28

73.78
4.64
4.64
X

72.60
6.31
.25
6.06 = Fin. Gr. at M.H.

73.07
5.84 ✓

73.47
5.44 ✓

73.74
5.17 ✓

73.87
5.04 ✓

73.88
5.03 ✓

3.73
4.87 ✓

73.58
5.04 ✓

73.30
5.61
5.01
C 0.60

73.77
5.14
4.24
C 0.90

74.17
4.74
4.01
C 0.73

74.44
4.47
3.47
C 1.00

74.57
4.34
3.34
C 1.00

74.58
4.33
4.12
C 0.21

74.43
4.19
3.18
C 1.01

74.28
4.34
3.34
C 1.00

Resurface Meade Fairmount to 32nd St. (Backed in) WO. 60108

N.W.B.R. Bancroft+ FB1296-79	Meade		6.53	377.45	377.AA

0+00 = W.L. Bancroft.

Field books { 1746 - 15
1768 6-
1740 61-
1767 - 17
1296- 79

0+40 =

1+07 = E.L. Alley to No. West of Bancroft.

2+46.2 = E.L. 32nd.

2+58.8 = E. Cb. 32nd

2+67.2 = E 1/4 32nd

2+76.2 ℄ 32nd Meet Pav.

FB1296 p.79	3.52	383.98	—	380.46	N.W.B.R. Meade 32

Mod. N. 1/4 ℄ S 1/4 S. Cb. 21

377.18 6.85 6.84 0.00	377.33 6.65 6.67 F 0.02	377.30 6.68 6.73 F 0.07	377.10 6.88 6.92 F 0.04	376.65 7.33 7.31 C 0.02 Meet.
377.70 6.29 6.29 0.00	377.89 6.09 6.18 F 0.09	377.87 6.11 6.18 F 0.07	377.63 6.35 6.40 F 0.05	377.15 6.83 6.77 C 0.06 Just Meet
378.38 5.60 5.60 ✓	378.65 5.33 5.48 F 0.12	378.67 5.31 5.33 F 0.02	378.45 5.53 5.60 F 0.07	377.88 6.00 5.99 C 0.01 ✓
379.91 4.27	380.07 3.91 4.01 F 0.10	380.19 3.79 3.92 F 0.13	380.07 3.91 4.11 F 0.20	377.73 4.25
379.80 4.18 4.18 ✓	380.15 3.83 4.06 F 0.23	380.20 3.78 4.07 F 0.29	380.10 3.88 4.03 F 0.15	377.86 4.12 4.08 C 0.04 Just Meet

Re-surfacing grades Meade Ave
Fair mount to 32nd

Meade Ave

Station	Remarks	S. Cb.	S 1/4	℄	N. 1/4	N Cb.
2+50		348.00 / 5.09	348.23	348.22	347.82	347.35 / 5.74 ✓
2+00		348.23 / 4.86 ✓		348.47	348.19	347.67 / 5.42 ✓
1+50		348.46 / 4.63 ✓		348.72	348.45	347.94 / 5.15 ✓
1+00		348.69 / 4.40 ✓		348.97	348.71	348.21 / 4.88 ✓
0+50		348.92 / 4.17 ✓	349.20	349.22	348.97	348.48 / 4.61 ✓
0+10			349.40 / 3.69 / 3.84 / F 0.15	349.40 / 3.69 / 3.86 / F 0.23	349.15 / 3.94 / 4.14 / F 0.20	
0+00	W. L. Fair mount	349.15 / 3.94 ✓				348.75 / 4.34 ✓
0-10	W. Cb. Fair mount. Meet Exist. Pav					

T. P. Page 23 4.15 353.09 348.94

Station		S cb.	S 1/4	℄	N 1/4	N cb
0+20		347.80 5.34 ✓ 5.32 C 0.02				347.50 5.64 ✓ 5.60
3+26^{10}	= W. L. 43rd = 0+00	347.50 5.64 ✓	348.00 5.14 5.25 F 0.11	348.15 4.99 5.14 F 0.15	347.88 5.26 5.38 F 0.12	347.37 5.77 ✓
3+16^{10}	= W. Cl. L. 43rd	347.47 5.67 ✓	348.02 5.12 5.25 F 0.13	348.15 4.99 5.16 F 0.17	347.85 5.29 5.46 F 0.17	347.28 5.86 ✓
3+06^{10}	= W. 1/4 - 43rd	347.75 G 5.39 ✓	348.04 5.10 5.21 F 0.11	348.15 4.99 5.23 F 0.24	347.81 5.33 5.60 F 0.27	347.21 5.93 ✓
+96^{10}	= ℄ 43rd	347.90 5.24 5.25 ✓	348.07 5.07 5.19 F 0.12	348.15 4.99 5.20 F 0.21	347.78 5.36 5.56 F 0.20	347.15 5.99 ✓
+86^{10}	E 1/4 - 43rd	347.88 G 5.26 5.30 F 0.04	348.10 5.04 5.17 F 0.13	348.15 4.99 5.21 F 0.22	347.74 5.40 5.56 F 0.16	347.08 6.06 ✓
+76^{10}	= E. Cl. 43rd	347.77 G 5.37 ✓	348.12 5.02 5.15 F 0.13	348.15 4.99 5.20 F 0.21	347.72 5.42 5.61 F 0.19	347.00 6.14 ✓
2+66^{10}	= E. L. 43rd	347.93 5.21	348.18 4.96 5.10 F 0.14	348.15 4.99 5.12 F 0.13	347.70 5.44 5.59 F 0.15	Grate 346.90 6.24 ✓

T.P.			4.20	348.94	
	4.00	353.14	12.48	349.14	
B. W. n' L4T. Van Dyke + Meade	2.47	361.62	—	359.15	F.B 1746 P. 21

2+44 ℄					
1+74 ℄					
S.W. 7'247 Van Dyke+ Meade	1.34	360.49		359.15	FB1746 P21
1+40 = W. L. Alley to So					
1+25 = E. line Alley to So					
1+00					
0+80					
0+60					
0+40					
		353.14			

S cl.	S 1/4	℄	N 1/4	N cl.
356.82 3.67 ✓	357.10	357.10	356.85	356.45 4.04 ✓
353.19 7.30 ✓		353.50	353.23	352.80 7.69 ✓
351.35 1.79 1.94 Fo.15		351.80 1.31 1.56 Fo.22		351.29 1.85 ✓
350.45 2.69 3.79 Fo.10		351.02 2.12 2.22 Fo.12		350.62 2.52 ✓
349.28 3.86 3.86 ✓		349.90 3.24 ✓		349.80 3.34 ✓
345.71 4.43 4.43 ✓		349.35 3.79 3.85 Fo.06		349.12 4.02 4.02 ✓
348.35 4.79 4.79 ✓		348.80 4.34 4.77 Fo.03		348.44 4.70 ✓
348.09 5.05 5.05 ✓				347.90 5.24 ✓

3+24 I = 0+00 W. Line Van Dyke

3+14 I - W. Cl. line Van Dyke

3+04 I - W. 1/4 Van Dyke

2+94 I - ℄ Van Dyke

2+84 I - E. 1/4 Van Dyke

2+74 I = E. Cl. Van Dyke

2+64 I = E. L. Van Dyke

S.W. 7'L++ 2.47 361.62 — 359.15
Van Dyke & Meade 1746-VI

2+54 I

S Cl.	S 1/4.	℄	N. 1/4	N Cl.
358.98	359.38	359.40	359.16	358.56 G
2.72 L	2.24	2.22	2.46	3.06
	2.53	2.50	2.68	3.04 L
	F 0.31	F 0.28	F 0.22	
358.77	359.10	359.12	358.92	358.42 G
2.85	2.52	2.50	2.70	3.20 L
2.97	2.72	2.67	2.85	
F 0.12	F 0.20	F 0.17	F 0.18	
358.60	358.81	358.85	358.70	358.30 G
3.02	2.78	2.77	2.92	2.32 L
3.10	2.91	2.90	3.10	
F 0.08	F 0.13	F 0.13	F 0.18	
358.45	358.59	358.60	358.45	358.18 G
3.17	3.03	3.02	3.17	3.44 L
3.24	3.20	3.17	3.30	
F 0.07	F 0.17	F 0.17	F 0.13	
358.27	358.33	358.31	358.22	357.92 G
3.40	3.29	3.31	3.40	3.70 L
3.44	3.41	3.43	3.55	3.69
F 0.04	F 0.12	F 0.12	F 0.15	
358.00	358.07	358.06	358.00	357.70 G
3.62	3.55	3.56	3.62	3.92 L
3.72	3.67	3.69	3.77	
F 0.10	F 0.12	F 0.13	F 0.15	
357.77	357.82	357.81	357.78	357.37 G
3.85 L	3.80	3.81	3.84	4.25 L
	3.90	3.96	4.00	
	F 0.10	F 0.15	F 0.16	
357.40				357.00

NW. 4 22 4 Meade	5.19	369.79	4.69	364.60
1+25				
0+15 = 15' W. W.L. Copeland				
3+25 L	W. L. Copeland			
	Rake Intersection			
	Except. N. C6. line. Meet pav. there			
2+65 L = E.L. Copeland				
Copeland + Meade	4.84	369.29		364.65
2+50 L				
Rake				
1+50				
Rake				
0+20				
		361.62		

NW. B.A 1746-24

S.d.	S 1/4	℄	N 1/4	Nd.
364.00 5.29 L	364.30 4.97 5.14 F 0.13	364.40 4.89 4.96 F 0.07	364.27 5.42 5.21 F 0.19	363.92 5.37 L
363.62 5.67 L	363.91 5.38 5.51 F 0.13	364.00 5.29 5.51 F 0.22	363.90 5.39 5.62 F 0.23	363.56 5.73 L
363.53 5.76 L	363.85 5.44 5.57 F 0.13	363.93 5.36 5.57 F 0.21	363.82 5.47 5.68 F 0.21	363.50 5.79 L
363.32 5.97 L	363.43 5.86 5.86 0	363.70 5.59 5.74 F 0.15	363.50 5.79 5.99 F 0.20	363.20 6.09 L
364.01	363.50	363.58	363.37	362.91
361.80	362.07	362.07	361.84	361.35
359.62 2.00 2.00 L	359.90 1.72 1.90 F 0.18	359.92 1.70 1.93 F 0.23	359.65 1.97 2.26 F 0.29	359.12 2.50

2+65 = E.L. Marlborough				
NW.B.P. FB1746-28 Rake	5.27	371.29	366.02	Marlboro & Meade
=0+00				
3+30 = W.L. 42nd				
+15 = W. Cl. line 42				
3+02 = W. 1/4 - 42nd				
+90 = ℄ - 42nd				
+77 = E. 1/4 - 42nd				
+65 = E. Cl. 42nd				
2+50 = E.L. 42nd				
		369.79		

S. Cl.	S 1/4	℄	N 1/4	N. Cl.
365.60 B. 5.69 L	365.90 5.39 5.34 C 0.05 L	365.90 5.39 5.35 C 0.04 L	365.75 5.54 5.65 F 0.11	365.85 5.79 L
364.90 5.09 4.85 X	365.17 4.62 4.59 X	365.22 4.57 4.58 X	364.94 4.85 4.90 F 0.05	364.38 5.41 L
G	365.10 4.69 4.66 C 0.03 X	365.16 4.63 4.67 F 0.04	364.90 4.89 5.02 F 0.13	364.30 5.49 5.47 X
G	365.06 4.73 4.69 F 0.04	365.09 4.70 4.72 F 0.03	364.84 4.94 5.06 F 0.12	364.26 5.53 5.58 F 0.05
G	365.02 4.77 4.71 F 0.06	365.02 4.77 4.82 F 0.05	364.80 4.99 5.12 F 0.13	364.22 5.57 5.54 F 0.03
G	364.95 4.84 4.82 L	364.96 4.83 4.89 F 0.06	364.75 5.04 5.17 F 0.13	364.20 5.59 F 0.01
G	364.88 4.91 4.91 X	364.90 4.89 4.92 F 0.03	364.70 5.09 5.26 F 0.17	364.18 5.61 5.61 X
364.82 5.37 L	364.78 5.01 5.07 F 0.06	364.83 4.96 5.04 F 0.04	364.63 5.16 5.24 F 0.08	364.20 5.59

2+50	= 15' E. E. Line 41st.				
Meade & Central	3.61	372.31	—	368.70	N.W.B.P. FB 1746 A 32
0+70					
=0+00 3+25²	= W. L. Marlborough				
+15²	= W. Cl. Marl.				
3+05²	= W. ¼ Marl				
+95²	℄				
+85²	E. ¼ Marl —				
2+75²	E. Cl. Marl.				
		371.29			

S. Cl	S ¼	℄	N ¼	N. Cl.
367.60 4.71	367.84 4.47 4.57 F 0.10	367.84 4.47 4.48 F 0.01	367.58 4.73 4.91 F 0.18	367.06 5.25
366.40 4.89	366.70 4.59 4.74 F 0.15	366.72 4.57 4.70 F 0.13	366.50 4.79 5.00 F 0.21	366.00 5.49
365.68 = G F 0.1 5.41	366.28 5.01 5.12 F 0.11	366.28 5.01 5.16 F 0.15	366.10 5.19 5.37 F 0.18	365.68 G 5.09
G	366.21 5.08 5.10 F 0.10	366.21 5.08 5.22 F 0.14	366.05 5.24 5.43 F 0.19	G
G	366.15 5.14 5.18 F 0.04	366.15 5.14 5.23 F 0.09	365.99 5.30 5.46 F 0.16	G
G	366.09 5.20 5.22 F 0.02	366.09 5.20 5.23 F 0.03	365.93 5.36 5.48 F 0.12	G
G	366.02 5.27 5.33 C 0.06	366.02 5.27 5.24 C 0.03 L	365.87 5.42 5.58 F 0.16	G
G	365.96 5.33 5.33 X	365.96 5.33 5.39 F 0.06	365.81 5.48 5.62 F 0.15	G

0+45

=0+00
3+25 W. Line 41st

+15 = W. Cl.

3+05 = W 1/4

+95 = ℄ 41st

+85 = E. 1/4

+75 = E Cl.

3770 N. Cut. of Meade only

2+65 = E. L. 41st

372.31

Sec.	S 1/4	℄	N 1/4	N. Cl.
367.40 4.71	367.78 4.53 4.81 F 0.28	367.95 4.36 4.42 F 0.14	367.82 4.49 4.67 F 0.18	367.60 4.81 4.96 F 0.05
367.20 5.11 ✓	367.32 4.97 5.08 F 0.09	367.53 4.78 4.89 F 0.11	367.44 4.87 4.85 C 0.02 ✓	367.24 5.07 ✓
367.18 5.13 5.37 F 0.24	367.19 5.12 5.34 F 0.22	367.20 5.11 5.24 F 0.13	367.21 5.10 5.22 F 0.12	367.22 5.09 5.13 F 0.04
367.32 4.99 4.98 ✓	367.37 4.94 4.91 ✓	367.37 4.94 4.92 ✓	367.40 4.91 ✓	367.39 ℄ 4.72 4.83 F 0.11
G	357.70 ℄ 4.61 4.69 F .0.02	357.68 G 4.63 4.62 ✓	357.64 G 4.67 4.67 ✓	357.62 G 4.69 4.68 ✓ 1
G	367.81 G 4.50 4.54 F 0.04	367.758 4.56 4.58 ✓	367.72 G 4.59 4.66 F 0.07	367.68A G 4.67 4.67 ✓
G	367.82 4.47 4.47 C 0.02 ✓	367.80 G 4.51 4.51 ✓	367.65 4.66 4.66 C 0.01	G G
367.68 4.63 ✓	367.80 4.51 4.40 C .11 ✓	367.82 4.51 4.39 C 0.12 ✓	367.60 4.71 4.68 ✓	367.14 5.17

=0+00

3+25.10 = W. line Central

3+13.10 = W. Cb. Line Central

+95.1 = ℄ Central

+77.1 = E. Cb. Central

2+65.10 = East. Line Central

2+45.10 = 20'E. E.L. Cent.

4.32 373.02 361 368.70

1+35

372.31

S Cb.	S ¼	℄	N ¼	N. Cb.
367.85 5.17	368.10 4.92 4.94 F 0.02	368.26 4.76 4.73 C 0.03	368.30 4.72 4.80 F 0.08	368.27 4.75
367.82 5.22 5.42 F 0.20	367.90 5.12 5.37 F 0.25	368.00 5.02 5.17 F 0.15	368.10 4.92 5.08 F 0.16	368.20 4.82 4.90 F 0.08
368.00 5.02 5.03 F 0.01	368.00 5.02 4.97 C 0.05	368.00 5.02 4.87 C 0.15	368.20 4.82 4.77 C 0.05	368.30 ℄ 4.72 4.66 C 0.06
367.40 5.62 5.66 F 0.04	367.70 5.32 5.56 F 0.24	367.80 5.22 5.49 F 0.27	367.90 5.12 5.38 F 0.26	367.92 5.10 5.21 F 0.11
367.43 5.59	367.80 5.22 5.26 F 0.04	367.95 5.07 5.02 C 0.05	368.02 5.00 5.10 F 0.10	368.00 5.02
367.50 5.52	367.95 5.07 5.31 F 0.24	368.20 4.82 5.04 F 0.22	368.20 4.82 5.08 F 0.26	367.95 5.07
367.70 4.61 4.71 F 0.10	368.00 4.31 4.30 F 0.17	368.15 4.16 4.39 F 0.23	368.03 4.78 4.42 F 0.21	367.68 4.69 4.71 F 0.08

3+20 =	W. ¼ 40th				
3+05 =	℄ 40th				
+90	E. ¼				
2+75 =	E.Cl. 40th				
2+65 =	E.L. 40th				
N.W. 7' L+T Meade+40th	2.72	372.60	—	369.88	FB 1768 P. 6
1+25 =	E.L. Alley				
1+25	out				
0+20 =	20' W. W.L. Central				
		373.02			

S. Cl.	S ¼	℄	N. ¼	N Cl.
G 4.26 Rod	G 4.02 Rod	365.88 3.92 3.92 K	G 3.89 Rod	G 3.18 Rod
G 4.03 Rod	G 3.79 Rod	G 3.52 Rod	G 3.26 Rod	G 3.04 Rod
G 4.10 Rod	368.76 F 3.84	369.12 3.55 3.69 F 0.17	369.27 3.33 K	369.47 3.13 3.12 K
367.95 4.65 4.77 F 0.12	368.40 3.70 4.14 F 0.51	369.13 3.47 4.00 F 0.53	369.26 3.34 3.76 F 0.42	369.10 3.50 3.66 F 0.16
367.90 4.70	368.69 3.91 4.44 F 0.53	369.15 3.45 3.81 F 0.36	369.25 3.35 3.61 F 0.26	369.05 3.55
368.28 4.74	368.75 4.27 4.43 F 0.16	369.00 4.02 4.10 F 0.08	368.93 4.09 4.23 F 0.14	368.66 4.36
367.95 5.07	368.46 4.56 4.84 F 0.28	368.72 4.30 4.59 F 0.29	368.78 4.31 4.60 F 0.29	368.46 4.57

				S. ch.	S 1/4	℄	N. 1/4	N ch.
2+95 = ℄ - 39 7th			Rod Readings	4.75 G	4.59 G	4.53 G	4.45 G	4.34 G
2+85 E 1/4			Rod readings	4.92 - G	4.82 G	4.75 G	4.63 G	4.53 G
2+75 E. ch.				368.45 5.43 5.41 0.02	368.75 5.13 5.05 F 0.13	368.92 4.96 5.05 F 0.09	368.95 4.93 5.01 F 0.08	368.99 4.94 4.91 X
2+65 = E.L. 39 7th				368.46 5.42 L	368.85 5.03 5.05 F 0.02	369.05 4.83 4.81 X	369.03 4.85 4.85 X	369.00 4.88 L
2+50 B+k				368.42 5.46 L	368.85 5.03 5.22 F 0.19	369.10 4.78 4.88 F 0.10	369.15 4.73 4.81 F 0.08	369.02 4.86 L
NW8P39 + Meade 1768-7	4.13	373.88	369.75					
1+00 B+k				367.90 4.74 L	368.65 3.75 4.26 F 0.31	369.08 3.52 3.71 F 0.19	369.25 3.36 3.58 F 0.23	369.13 3.47 L
=0+00 3+45 = W.L. 40 7th				367.70 4.94 L	368.40 4.20 4.50 F 0.30	368.95 3.65 3.89 F 0.24	369.17 3.43 3.59 F 0.16	369.05 G 3.55 L
3+35 = W. ch. 40 7th		372.60	(See page 58 for restake on New patch fill)	367.73 4.87 5.00 F 0.13	368.20 4.40 4.51 F 0.11	368.75 3.85 4.09 F 0.24	369.00 3.60 3.72 F 0.12	G 3.51 Rod

2+65 = E.L. 38th

2+50

N.W.B.P. Meade +38
F.B. 1768-10 — 374.30

1+25 = E.L. Alley W. of 39th

0+50

0+25

=0+00

3+25 = W. Line 39th

3+15 W. Cb. 39th

N.L.	N-50 Brk	N-100
369.28	369.61	369.81
4.60 L	4.27 L	4.07 L

3+05 W 1/4

5.36	5.10	5.41
368.50	369.63	368.77
5.38	5.25	5.11
5.40	5.35	5.30
F 0.02	F 0.10	F 0.19

W. Cb. line 50' of Meade

373.88

S Cb.	S 1/4	℄	N 1/4	N Cb.
372.25	372.80	373.22	373.25	373.22
8.17 L	6.62	6.20	6.17	6.20 L
	6.70	6.27	6.24	
	F 0.08	F 0.07	F 0.07	
371.07	372.65	373.07	373.10	373.00
7.35 L	6.77	6.35	6.32	6.42 L
	6.85	6.45	6.39	
	F 0.08	F 0.10		
				371.14
				2.74
				2.74 L
		370.15	370.20	
		3.73	3.68	
		3.86	3.81	
		F 0.13	F 0.13	
				369.30
				4.38
				4.30
				60.08 L
368.90	369.10	369.30	369.23	369.25
4.98 L	4.78	4.58	4.65	4.63 L
	4.88	4.68	4.76	
	F 0.10	F 0.10	F 0.11	
368.85	369.00	369.15	369.18	369.21
F 0.3	4.88	4.73	4.70	4.67
5.16	5.09	4.99	4.95	4.89
F 0.13	F 0.21	F 0.26	F 0.25	F 0.22
369.00	369.16	369.22	369.28	369.38
4.88	4.72	4.66	4.60	4.50
4.83	4.79	4.73	4.67	4.59
K	F 0.07	F 0.07	F 0.07	F 0.09

2+00 N. ¼ only

1+00 N ¼ only

0+00
3+25.1 = W. Line 38th

2+13.1 W. cb.

3+03.6 W. ¼ roadway

2+94.1 ℄ - 38th roadway

2+84.6 E ¼ Roadway

2+75.1 = E. Cb. 38th

Sch.	S ¼	℄	N ¼	Nch.
			375.78 3.63 3.87 F 0.24	
			374.88 4.54 4.60 F 0.06	
372.95 6.47	373.46 5.96 6.17 F 0.21	373.83 5.57 5.93 F 0.14	373.90 5.52 5.62 F 0.10	373.87 5.55
377.80 6.62 6.62	373.33 6.09 6.34 F 0.25	373.73 5.69 6.03 F 0.34	378.78 5.64 5.97 F 0.33	373.72 5.70 5.84 F 0.14
6.46 G	373.22 6.20 6.25 F 0.05	373.63 5.79 5.93 F 0.14	373.67 5.75 5.86 F 0.11	373.70 5.72 5.92
6.49 G	373.10 6.32 6.32	373.53 5.89 5.96 F 0.07	373.56 5.86 5.89 F 0.03	5.77 G
6.62 G	373.01 6.41 6.46	373.43 5.99 6.10 F 0.11	373.45 5.97 6.00 F 0.03	5.82 G
6.90 G	372.94 6.48 6.58 F 0.10	373.33 6.09 6.26 F 0.17	373.35 6.07 6.18 F 0.11	6.03 G

= 0+00				
3+25 =	W.L. McClintock			
3+13	W. Cb.			
3+04 =	W 1/4			
2+95 =	℄ McClintock			
2+86 =	E 1/4			
2+77 =	E. Cb.			
2+65 =	E.L. McClintock			
2+50	Out			
N.W.B.P. Meade & McClintock	4.99	382.29	—	377.30

S Cb.	S 1/4	℄	N 1/4	NC.
376.62 5.67	376.90 5.39 5.47 F 0.08	377.17 5.12 5.11 F 0.05	377.17 5.12 5.19 F 0.07	376.87 5.42
376.45 5.84 5.82 x	376.98 5.51 5.57 F 0.06	377.05 5.24 5.45 F 0.21	377.03 5.26 5.47 F 0.21	376.77 5.52 5.50 F 0.02
G 5.93	376.69 5.60 5.65 F 0.05	376.92 5.37 5.46 F 0.09	376.89 5.40 5.58 F 0.18	376.70 5.39 5.59 F 0.20
G 5.76	376.86 5.73 5.73 F 0.02	376.90 5.49 5.65 F 0.16	376.75 5.54 5.69 F 0.15	376.64 5.65 5.67 F 0.02
G 6.03	376.44 5.85 5.94 F 0.09	376.68 5.61 5.73 F 0.12	376.62 5.67 5.80 F 0.13	376.43 5.86 5.84
G 6.24	376.33 5.96 6.10 F 0.14	376.57 5.72 5.88 F 0.16	376.49 5.80 5.94 F 0.14	376.22 6.07 6.04
375.80 6.49	376.32 6.07 6.26 F 0.19	376.45 5.84 6.03 F 0.19	376.35 5.94 6.10 F 0.16	376.00 6.29

		3.41	384.25	
3+33 L	= W. Cl. 37 to So			
+19 L	= W 1/4 to So			
3+05 L	= ℄ 37th to So.			
2+65 L	= E.L. 37th to South.			
BM = N.W.B.R. Cherokee & Meade		3.41	387.66 — 384.25	FB 1768 P 16
1+89	W. Line 37th to No.			
1+77 1773	W Cl. to North			
1+53	= ℄ 37th to No			
1+23	EL. 37 to No			
0+50				
		382.29		

Sta.	S 1/4	℄	N 1/4	N Cl.
G 3.97	381.95 5.71 5.91 F0.20	382.47 5.39 5.48 F0.09	382.15 5.51 5.66 F0.15	381.77 5.89 5.95 F0.06
G 6.01	381.80 5.86 6.03 F0.22	382.20 5.46 5.80 F0.34	382.05 5.61 5.97 F0.36	G 6.05
G 6.35	381.63 6.03 6.31 F0.27	381.84 5.82 6.13 F0.31	381.77 5.89 6.11 F0.22	G 6.31
380.28 7.38 7.53 F0.15	380.95 6.71 7.10 F0.39	381.25 6.41 6.69 F0.19	381.27 6.39 6.65 F0.26	380.90 6.76 L 6.80 F0.04
379.10 3.79 L	379.80 5.49 5.84 F0.35	380.15 2.14 2.36 F0.22	380.27 2.07 2.30 F0.23	379.90 2.39 L
378.97 3.92 L	379.65 2.64 3.03 F0.39	380.00 2.29 2.44 F0.15	380.05 2.24 2.40 F0.16	379.80 2.49 L 2.48 F0.01
378.75 3.54 L	379.38 2.91 3.23 F0.32	379.75 2.54 2.62 F0.08	379.80 2.49 2.70 F0.21	G 2.58
378.35 3.94 L	378.97 3.32 3.56 F0.24	379.38 2.91 3.08 F0.17	379.54 2.75 2.95 F0.20	379.33 2.96 L
377.30 4.99 L	377.75 4.54 4.60 F0.06	378.17 4.12 4.17 F0.05	378.25 4.04 4.14 F0.10	378.07 4.22 L

T.P.

+77 E Cb

2+65 E.L. Cherokee to So

5.77 390.02 4.17 384.25

1+62 E VV.L. cherokee to No

1+35 Brk

1+23 E Brk E ¼ cher to No

1+02 E E.L. Cherokee to No.

0+50 So Cb. Brk.

=0+00
3+45 L = VV.L. 37th. to South

4.17 388.42 384.25

384.60 5.42 5.50 F 0.08	384.82 5.24 5.42 F 0.22	384.91 5.11 5.13 F 0.07	384.85 5.17 5.24 F 0.07	384.47 5.55 ✓
384.53 5.49 ✓	384.75 5.27 5.50 F 0.27	384.84 5.18 5.27 F 0.09	384.79 5.23 5.42 F 0.19	384.40 5.62 ✓
383.25 5.17 ✓	383.72 4.70 11.91 F 0.21	383.90 4.52 4.58 F 0.06	383.93 4.49 4.68 F 0.19	383.80 4.62 ✓
383.00 5.42 5.48 F 0.06	383.47 4.95 5.21 F 0.26	383.65 4.77 4.87 F 0.10	383.72 4.70 4.88 F 0.18	G 4.97
382.95 5.47 ✓	383.43 4.99 5.29 F 0.30	383.61 4.81 5.01 F 0.20	383.67 4.75 4.98 F 0.23	5.94 5.10 F 0.96
382.60 5.82 ✓	383.10 5.32 5.53 F 0.21	383.32 5.10 5.17 F 0.07	383.33 5.09 5.26 F 0.17	383.10 5.32 ✓
381.65 6.77 ✓	382.10 6.32 6.54 F 0.22	382.34 6.08 6.19 F 0.11	382.25 6.17 6.30 F 0.13	381.85 6.57 ✓

388.42

2+65 = E.L. 36th to South

T.P.	543	391.71	3.74	386.28

1+32.5 = ℄ 36th St. to North

=0+00
3+25 = W.L. Cherokee to So.

3+13 = W ch. cherokee to So

3+04 = W 1/4 " "

2+95 = ℄ " "

2+86 = E 1/4 Cherokee to So.

390.02

386.43	386.80	387.00	386.90	386.63
5.28	4.91	4.71	4.81	5.06
	5.25	4.94	4.98	
	F 0.34	F 0.23	F 0.17	
385.65	385.91	386.13	386.02	385.80
4.39	4.11	3.89	4.00	4.22
4.36	4.37	4.08	4.06	
C 0.01	F 0.26	F 0.19	F 0.06	
384.83	385.15	385.25	385.17	384.80
5.17	4.87	4.77	4.85	5.20
	5.12	4.88	5.01	
	F 0.25	F 0.11	F 0.16	
374.85	385.09	385.19	385.11	384.74
5.17	4.93	4.83	4.91	5.28
5.23	5.13	4.93	5.00	
F 0.06	F 0.20	F 0.10	F 0.09	
G 5.15	385.02	385.12	385.05	384.67
	5.00	4.90	4.97	5.35
	5.23	4.95	4.99	5.39
	F 0.23	F 0.05	F 0.02	F 0.04
384.78	384.95	385.05	384.98	384.60
5.24	5.07	4.97	5.04	5.42
5.33	5.30	5.05	5.14	5.51
F 0.09	F 0.23	F 0.08	F 0.10	F 0.09
384.70	384.89	384.98	384.91	384.54
5.32	5.11	5.04	5.11	5.48
5.37	5.33	5.07	5.18	
F 0.05	F 0.22	F 0.03	F 0.07	

N gutter only

2+00	32E W.	W.L. Wilson to No		
NW.B.P. Wilson+Meade	4.07	392.54	3.2 A	388.47
1+62.5	W.L. Wilson to No			
1+32E	℄ Wilson to No			
1+02.5	E.L. Wilson to North			
3+25 I	W.L. 36th to South			
2+95 =	℄ 36th to South			

391.71

392.54 A

387.70
4.8 A

387.91
3.80

387.26	387.70	387.95	388.09	388.24
4.75	4.01	3.76	3.62	3.50
4.98	4.30	3.80	3.66	3.49
F0.03	F0.29	F0.04	F0.04	C-0.01

387.35	387.65	387.90	387.94	387.70
4.56	4.06	3.81	3.77	4.01
	4.39	3.86	3.92	
	F0.33	F0.05	F0.15	

386.65	387.10	387.37	387.30	387.05
5.06	4.61	4.34	4.41	4.66
5.08	4.83	4.40	4.54	
C0.01	F0.22	F0.06	F0.13	

386.62	386.95	387.20	387.10	386.83
5.09	4.76	4.51	4.61	4.88
5.12	5.05	4.58	4.66	4.93
F0.03	F0.29	F0.07	F0.05	F0.05

						S Cl.	S 1/4	℄	N 1/4	N Cl.
0-68	E.Cb 35th to No					386.42 5.61 5.64 F 0.03	386.60 5.43 5.64 F 0.21	386.75 5.28 5.39 F 0.11	386.77 5.26 5.28 F 0.02	386.80 5.23 5.33 F 0.10
=0-80 2+65	E.L. 35th to No					386.40 5.63 ✓	386.84 5.19 5.40 F 0.21	387.05 4.98 5.04 F 0.06	387.05 4.98 4.98 x	386.82 5.21 ✓
N.W.B.P. 35th + Meade FB1740 P.61	4.86	392.03	—	387.17				392.03		
1+40	Brk					386.81 5.17 ✓	387.22 4.76 5.05 F 0.29	387.43 4.55 4.66 F 0.11	387.44 4.54 4.57 F 0.05	387.25 4.73 ✓
	4.68	391.98	5.24	387.30						
=0+00 3+25±	W.L. Wilson to South					387.11 5.43 ✓	387.70 4.84 5.16 F 0.32	387.95 4.59 4.65 F 0.06	387.88 4.66 4.66 ✓	387.50 5.04 ✓
2+95±	℄ Wilson to South					387.60 4.74 ✓	387.87 4.67 5.02 F 0.35	388.05 4.49 4.72 F 0.23	387.91 4.63 4.83 F 0.20	387.56 4.98 5.02 F 0.04
2+65±	E.L. Wilson to South					387.45 5.09 ✓	387.83 4.71 4.94 F 0.23	388.00 4.54 4.67 F 0.13	387.94 4.64 4.63 ✓	387.52 5.02 ✓ 5.00 0.02
		392.54								

N-40 = G

		S Cl.	S 1/4	℄	N 1/4	N Cl.
0+15 =	15' W. Wt. L. 35#	386.45 5.58	386.84 5.19 5.44 F 0.25	387.05 4.98 5.23 F 0.45	387.08 4.95 5.34 F 0.39	386.92 5.11
0+00	Wt. L. 35#	386.40 5.63 5.63	386.65 5.38 5.50 F 0.12	386.82 5.21 5.20 C 0.01	386.90 5.13 5.20 F 0.07	386.88 5.15 5.14 C 0.01
0-12	Wt Cl. 35	386.37 5.66 5.75 F 0.09	386.60 5.43 5.64 F 0.21	386.75 5.28 5.57 F 0.29	386.80 5.23 5.44 F 0.21	386.85 5.18 -.50 5.35 = G F 0.17
0-26	W 1/4 35	G 5.15	G 5.07	G 4.96	G 4.86	G 4.76
0-40	℄ 35# to	G 5.04	G 5.02	387.17 4.86 4.95 F 0.09	G 4.78	G 4.67
0-54	E 1/4	G 5.14	G 5.08	G 4.98	G 4.87	G 4.84
	392.03					

Station	Description	S cb.	S ¼	℄	N ¼	N cb.
3+13	W cb. Swift to So	G	387.30 4.11 4.41 F0.30	387.45 3.76 4.11 F0.35	387.32 4.19 4.33 F0.14	387.10 G 4.31 4.38 F0.07
3+04	W ¼	G	387.40 4.01 4.27 F0.26	387.53 3.88 4.12 F0.24	387.50 3.91 4.04 F0.13	387.42 G 3.99 4.04 F0.05
2+95	℄ Swift	G 387.25 4.16 4.11 F0.05	387.50 F 0.91 4.17 F0.26	387.60 3.81 4.00 F0.19	387.65 3.76 3.92 F0.16	387.68 3.73 3.79 F0.06
+86	E ¼	G	387.53 3.88 4.13 F0.25	387.65 3.76 3.93 F0.17	387.71 3.70 3.92 F0.22	387.73 G 3.68 ✓
+77	E. cb.	387.23 4.18 ✓	387.55 3.86 3.95 F0.09	387.70 3.71 3.99 F0.28	387.76 3.65 3.85 F0.20	387.75 G 3.66 ✓ 3.62 F0.04
+65	East Line Swift to So.	387.20 4.21 ✓	387.53 3.88 3.97 F0.09	387.73 3.68 3.84 F0.16 ✓	387.75 3.66 3.80 F0.14	387.60 3.81 ✓
NW B.R. 3Ad. ft Meade FB1740-66	7.19 391.41 — 384.22					
1+33.5	℄ Alley "Brk"	386.90 5.13 ✓ 5.12 C0.01 ✓	387.38 4.65 4.96 F0.31	387.60 4.43 4.70 F0.27	387.54 4.49 4.49 ✓	387.20 4.87 4.82 C0.05 ✓

392.03

3+13 65	W ℄		34th	To. No
3+04 65	W 1/4		✓	✓
2+95 65	℄		✓	✓
2+77	E 1/4		✓	✓
2+67	E ℄ to No.		✓	to North
2+50	E.L. 34th to No ✓			
N.W.B.R. 34th + Meade FB 1740-66	4.90	389.12 ✓	—	384.22
1+33	℄ Alley			
0+00				
3+25	W. L. Swift	to	South	

S ℄	S 1/4	℄	N 1/4	N ℄
388.88 G	384.08	384.25	384.15	383.88 G
5.29 ✓	3.04	4.87	4.97	5.29 ✓
	5.12	5.25	5.13	5.25
	F 0.13	F 0.18	F 0.18	
384.00 G	384.18	384.33	384.22	383.97 G
5.12 ✓	4.94	4.79	4.90	5.15 ✓
5.08	5.06	4.97	4.94	5.13
	F 0.12	F 0.16	F 0.04	
384.17 G	384.27	384.42	384.37	384.03 G
4.95 ✓	4.85	4.70	4.75	5.09 ✓
	4.95	4.87	4.93	5.07
	F 0.10	F 0.17	F 0.18	
384.25 G	384.43	384.60 G	384.50	384.23 G
4.87 ✓	4.69	4.52	4.62	4.89
	4.78	4.61	4.71	4.91
	F 0.09	F 0.09	F 0.09	F 0.08
384.27 G	384.70	384.85	384.78	384.20 G
4.85 ✓	4.42	4.27	4.34	4.92 ✓
	4.72	4.49	4.72	
	F 0.30	F 0.22	F 0.38	
384.30	384.70	384.85	384.79	384.35 G
4.82 ✓	4.42	4.27	4.35	4.77 ✓
	4.50	4.30	4.44	
	F 0.08	F 0.03	F 0.09	
		389.12		
385.47	385.88	386.05	385.90	385.67
F 0.4	5.53	5.36	5.51	5.74
5.20	5.76	5.59	5.69	
✓ -0.04	F 0.23	F 0.23	F 0.18	
386.77	387.20	387.35	387.20	386.75
4.64	4.21	4.06	4.21	4.66
	4.50	4.38	4.41	
	F 0.29	F 0.32	F 0.20	

Station	Description	S.Ch.	S. 1/4	℄	N. 1/4	N.Ch.
3+04	W 1/4	380.95 5.27 5.25 C0.02 ✓	381.15 5.07 5.22 F0.15	381.28 4.94 5.10 F0.16	381.15 5.07 5.17 F0.10	380.67 G 5.55 ✓
2+94^8	℄	381.05 5.17 5.15 C0.02 ✓	381.20 5.02 5.15 F0.13	381.33 4.89 5.07 F0.18	381.20 5.02 5.21 F0.19	380.70 G 5.52 5.52 ✓ x
2+86	E. 1/4 To South	381.03 G 5.19 ✓	381.23 4.99 5.21 F0.22	381.35 4.87 5.16 F0.29	381.25 4.97 5.23 F0.26	380.73 G 5.49 5.50 F0.01 ✓
2+72	E. Ch. To North.	381.00 G 5.22 ✓	381.30 4.92 5.10 F0.18	381.41 4.81 4.95 F0.14	381.30 4.92 5.07 F0.15	380.82 G 5.40 5.38 ✓
2+64^8	E.L. Felton To South 3.36 386.22 6.26 382.86	381.04 G 5.18 5.18 ✓	381.35 4.87 5.08 F0.21	381.48 4.74 4.85 F0.11	381.35 4.87 5.01 F0.14	380.96 5.26 ✓
1+23	E.L. Alley	382.50 G 6.62 ✓	382.85 6.27 6.55 F0.28	382.95 6.17 6.26 F0.09	382.80 6.32 6.39 F0.07	382.42 6.70 6.70 x
0+00 3+25.65	W.L. 34th 389.12	3+83.63 G 5.49 5.49 x	384.00 5.12 5.27 F0.15	384.13 4.99 5.17 F0.18	384.00 5.12 5.37 F0.25	383.65 G 5.47 5.48 F0.01

2+50 = 15 E. E.L. 33rd					
2+00 B+k					
	452	383.55	—	339.03	1740-71 NWDP 33rd
NWB.P. 33rd Meade	FB1740-71	—	7.18	339.04	S.B. 339.03
1+33 ℄ Alley					
0+14 = 14' W. W.L. Felton					
=0+00 3+25 W.L. Felton					
13+13 W. cb. Felton					
		386.22			

S ob.	S 1/4	℄	N. 1/4	N ob.
378.43 × 5.12 ✓	378.55 × 5.00 4.79 ✓ C 0.02	378.85 C 4.70 4.69 ✓ C 0.01	378.72 4.83 4.90 F 0.07	378.62 4.93 ✓ 4.93
378.87 4.68 ✓ 4.67 C 0.01	379.35 4.20 4.37 F 0.17	379.55 4.00 4.00 ×	379.45 4.10 4.20 F 0.10	377.08 4.47 ✓
379.55 6.67 6.76 F 0.09	380.00 6.22 6.57 F 0.35	380.17 6.05 6.16 F 0.11	380.09 6.15 6.29 F 0.14	379.70 6.52 ✓
380.55 5.67 ✓	380.95 5.27 5.53 F 0.30	381.10 5.12 5.12 ×	380.99 5.25 5.24 ✓	380.55 5.67 ✓
380.67 5.55 ✓	381.03 5.19 5.47 F 0.28	381.17 5.05 5.27 F 0.20	381.05 5.17 5.28 F 0.11	380.62 C 5.60 ✓
380.776 5.45 ✓	381.10 5.12 5.31 F 0.19	381.23 4.99 5.13 F 0.16	381.10 5.12 5.21 F 0.09	380.65 5.57 ✓

3+45	W. Line 33rd
3+33	W Ch.
3+19	W 1/4
3+05	C
2+91	E 1/4
2+77	E. Ch.
2+65	E. 33rd

383.55

S. Ch.	S. 1/4	C	N. 1/4	N. Ch.
378.12 5.43 5.43	378.49 5.06 5.45 F 0.39	378.62 4.93 5.11 F 0.18	378.63 4.92 5.16 F 0.24	378.28 5.27 5.25 C 0.02
378.15 5.40 5.57 F 0.17	378.48 5.07 5.63 F 0.56	378.60 4.95 5.41 F 0.54	378.63 4.92 5.38 F 0.54	378.33 5.22 5.37 F 0.09
378.35 C 5.20	378.45 5.10 5.24 F 0.14	378.57 4.99 5.04 F 0.06	378.62 4.93 5.01 F 0.08	378.58 C 4.97
378.47 C 5.08	378.45 C 5.10	378.55 C 5.00	378.61 C 4.93	378.72 C 4.83
378.35 5.20 5.20	378.30 5.25 5.29 F 0.04	378.45 C 5.10	378.40 C 5.15	378.60 C 4.95
378.07 C 5.48 5.50 F 0.02	378.16 5.39 5.46 F 0.07	378.20 5.35 5.42 F 0.07	378.26 5.29 5.40 F 0.11	378.30 5.25
378.30 C 5.25	378.25 5.30 5.38 F 0.08	378.45 5.10 5.13 F 0.03	378.45 5.10 5.12 F 0.02	378.45 5.10 5.09 C 0.01

3+02	Wt. 1/4. 33rd Place to No.			
2+89.9	℄ 33rd Pl. to No			
2+79	E. 1/4 33rd Place to North			
2+66	E.Cb. 33rd Place to No. Wt. Cb to South			
2+54.9	= E.L. 33rd Place North			
T.P.	4.66	382.72	5.49	378.06
0+50	= 50' W. W.L. 33rd St.			
		38355		

S. Cb.	S 1/4	℄	N 1/4	N Cb.
377.32 5.40	377.80 3.92 5.11 F 0.20	378.05 4.67 4.83 F 0.16	378.05 4.67 4.91 F 0.24	377.70 5.02 5.03 F 0.01
377.97 5.35	377.87 4.85 5.03 F 0.18	378.10 4.62 4.85 F 0.23	378.12 4.60 4.86 F 0.26	377.76 4.96 5.09 F 0.13
377.43 5.29 F 0.14	377.93 4.79 4.99 F 0.06	378.17 4.55 4.81 F 0.26	378.18 4.54 4.70 F 0.16	377.82 4.90 4.99 F 0.09
377.47 5.25 5.45 F 0.20	378.00 4.72 4.98 F 0.26	378.25 4.47 4.74 F 0.27	378.24 4.48 4.57 F 0.09	377.87 4.85 4.93
377.52 5.20 5.40 F 0.20	378.05 4.67 4.97 F 0.30	378.31 4.41 4.64 F 0.23 382.72	378.30 4.42 4.48 F 0.06	378.016 4.71
378.07 5.48 5.41 C 0.01	378.53 5.02 5.17 F 0.15	378.72 4.83 4.86 F 0.03	378.63 4.92 4.99 F 0.07	378.27 5.28

E. ¼

1+74 E Gutter line

1+53.2 E.L. Bancroft to No.

1+40 B-K

N.W. Bancroft + Meade 5.20 382.62 37742 {BP. F.B. 1740 P. 74

3+24.2 W.L. 33rd Place to North

3+13 W.Cb. 33rd Place to North

382.72

S.Cb.	S ¼	℄	N ¼	N.Cb.
376.59 6.03 6.11 F 0.08	376.56 6.06 6.04 C 0.02	376.68 5.94 5.97 F 0.03	376.80 ℄ 5.82 5.87 F 0.05	376.97 ℄ 5.75 5.77 F 0.02
376.40 6.22 6.22 ✓	376.48 6.14 6.14 ✓	376.55 6.47 6.07 ✓	376.65 5.97 5.98 F 0.01	376.75 5.87 ✓ 5.86 C 0.01
376.53 6.09 ✓	376.90 5.72 5.83 F 0.11	377.10 5.52 5.68 F 0.16	377.10 5.52 5.64 F 0.12	376.92 5.70 ✓
376.58 6.04 6.02 C 0.02 ✓	376.95 5.67 ✓	377.15 5.47 ✓ 382.62	377.15 5.47 ✓	376.97 5.65 ✓
377.21 5.51 ✓	377.68 5.04 ~~F 0.26~~ F 0.22	377.92 4.77 5.00 F 0.23	377.93 4.79 4.78 F 0.11	377.63 ℄ 5.09 ✓
377.26 5.46 ✓	377.75 4.97 5.18 F 0.21	378.00 4.72 4.96 F 0.24	377.98 4.74 4.90 F 0.16	377.65 ℄ 5.07 5.07 ✓

W.L. Bancroft. (Page 21)

W. Cutter Bancroft.

W. 1/4

E Bancroft

382.62

376.54 6.07 6.06 C 0.01	376.60 6.07 6.01 C 0.01	376.79 5.97 5.96 F 0.04	376.80 5.82 5.92 F 0.10	376.92 5.90
376.65 5.97 5.98 F 0.01	376.60 6.07 5.99 E 0.02	376.78 5.84 5.78 C 0.06	376.84 5.78	376.88 5.74
376.70 5.94 5.93 F 0.03	376.65 5.97 5.92 F 005	376.85 5.77 5.81 F 0.04	376.86 5.76 5.77	376.95 5.67 5.69

Oakemere Sewer grades
Lots 39 to 52 + 55 to 62

6-2-47
Sommermeyer
W. Moore
Melton
Sherman

N.W.B.P. 63rd El Cajon	4.16	469.82	—	456.66	
T.P.	3.67	467.37	6.12	463.70	
T.P.	5.45	466.97	5.85	461.52	
		1% Grade		MH#1	
0-96±	0+00	0+45	0+90	1+36.8	Δ 44°52' Rt
Exist. M.H. Rod 13.74 453.23	El. 454.19	454.64	455.09	455.56	
		12.33	11.88	11.41	
		8.04	8.28	7.88	
		C 4.29	C 3.60	C 3.53	
T.P.	3.67	466.52	4.12	462.85	

0.7% Grade

1+50	2+00	+50	+82.8 = M.H. #2	
455.65				
10.87	456.00	456.35	456.58	
6.60	10.52	10.17	9.94	
C 4.27	6.39	5.15	5.03	
	C 4.13	C 5.02	C 4.91	
3+00	+50	4+00	+45	+61.8 = M.H. #3
456.70	457.05	457.40	457.72	457.84
9.82	9.47	9.12	8.80	8.68
4.79	5.01	4.11	4.08	4.36
C 5.03	C 4.46	C 5.01	C 4.72	C 4.32

North Line

5+07.16 D.E. to South	MH#3 = 0+00	0+40	D.E. +79.64
458.16		458.12	458.40
8.36		8.40	8.12
4.08		3.59	3.79
C 4.28		C 4.81	C 4.33

E Grades Alley Blk 319 Reed + Daleys
W.O. 31045

INDEXED

+20				
5+00				
BM Set B.P. Clay + 27	0.70	78.75	—	78.05
Rake				
0+80	E.V.C.			
0+60				
0+40				
0+20				
0+00 = E. Line 28th				
BM: top Curb E.L. of South Curb Alley	4.06	76.01	—	71.95

FB 1714-41

℄ Finish grades

74.12
4.63 ✓

74.13
4.62 ✓

72.87
3.14 ✓

72.72
3.29 ✓

72.40
3.61 ✓

71.91
4.10 ✓

71.25
4.76 ✓

Alley Blk 319 Reed & Daleys
Finish grade

INDEXED

5+99.5 West Line 29th

+80

+60

5+40

78.75

72.85
5.90 ✓

73.32
5.43 ✓

73.72
5.03 ✓

73.99
4.76 ✓

Alley Blk 322 Reed + Daleys

INDEXED

4+00

}

~~Rake~~

TP 5.98 79.98 4.87 74.03

0+80 Brk.

+60

+40

+20

0+00 = E. Line 29th

SE B.R
Clay + 29th 0.85 78.90 78.05

74.69
5.29

73.73
5.17

73.63
5.27

73.46
5.44

73.26
5.64

73.05
5.85

℄ Finish grades Blk 322 Reeda Daleys Sub

W.O. 31045

6+20	Meet	Paving		
6+00				
+80				
+60				
+40				
5+20				
}				
Rake	3.27	79.68	3.57	76.41
}				
4+40				
4+20				
		79.98		

℄

72.25
7.43
2.41
.81

71.93
7.95

72.73
6.75

73.47
6.21

73.96
5.72

74.30
5.38

74.45
5.23

74.69
5.29

74.72
5.26

72.21
7.47
2.45
.03

Resurface Meade

℄ 32nd + West

0+25

0+00 = W. Line 32nd

W C6. 32nd

W 1/4 32nd

℄ 32

N.W.C.P. Meade 432nd	4.96	385.42	—	380.46

W.O. 60108

℄ Meade

S Gutt	S 1/4	℄	N 1/4	N. Gutt
379.99	380.27	384.53	380.48	380.26
5.43	5.05	4.89	4.94	5.16
C.	5.15			C.
	F0.10			

S. Gutt.	S 1/4		N. 1/4	N. Gutt
379.83	380.13	380.27	380.25	380.12
5.59	5.29	5.15	5.17	5.30 Scr
Scr	5.36	5.34	5.25	
	F0.27	F0.19	F0.08	

					N+25	N+50
					380.16	380.16
					5.24	grade
					Scr	

S. Line	Scr.	S 1/4		N 1/4	Acc.	N. Line
379.72	379.92	379.87	379.92	379.99	380.04	380.10
5.70	5.60	5.55	5.48	5.43	5.38	5.32
Scr	5.60	5.55	5.54	4.60	5.48	Scr
	grade	F0.03	F0.06	F0.07	F0.05	

S+25
79.52
grade

380.09	380.12	380.13	380.14	380.19	380.25	380.30
5.33	5.30	5.29	5.28	5.23	5.17	5.12
C	C	C	C	C	C	C

380.15	380.17	380.19	380.23	380.34	380.35	380.41
5.27	5.25	5.23	5.19	5.08	5.07	5.01
C	C	C	C	C	C	C

Iowa
+
Meade

N.W.B.P. 3204
Meade 7.44 387.90 — 380.46

℄ Meade

S 1/4 N 1/4

0+25 5.99 5.62 5.27 5.06 5.31

INDEXED
WK
FEB 16 1949

0+00 5.78 5.53 5.21 5.10 5.12
W.L. Iowa

25 5.76 5.50 5.32 5.29 5.35 5.30 25
6.11 5.88 4.94

5.37 5.33 5.20 4.98 5.03 4.89 4.71 W 1/4

4.99 5.10 4.95 4.78 4.72 4.51 4.55 4.50
℄ Iowa

E 1/2 4.94 4.93 4.74 4.55 4.52 4.40 4.34

25 4.72 4.80 4.71 4.67 4.67 4.50 4.44
5.19

5.41 5.16
25

Rod readings not reduced
Leave intersection as is.

OHIO
+
Meade

℄ Meade N 1/4 ℄
S.E.B.P. Ohio + 5.80 379.32 — 393.52
Meade

INDEXED
WK
FEB 16 1949

Leave West Gutter

5.85
5.89
5.80 25° 5.88

W 1/4

5.44
℄ OHIO

E 1/4

6.85 6.50 Eliminate E. Gutter 5.30 5.37 25° 4.93
25° 6.33

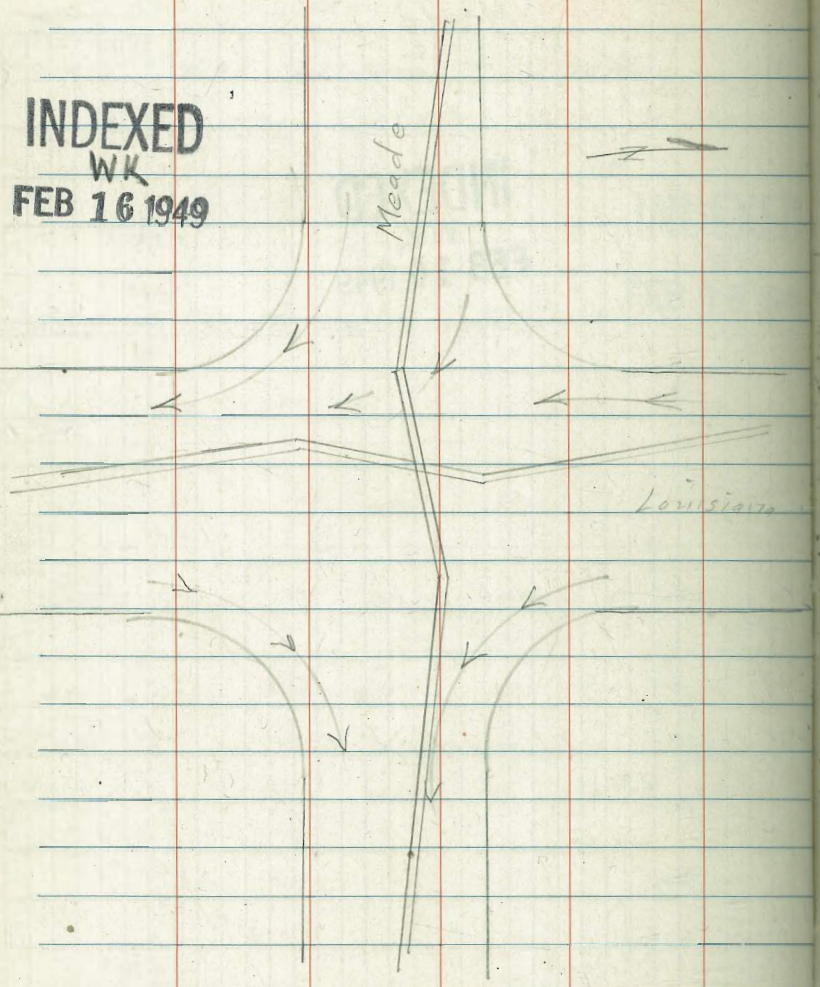
E.L. OHIO 6.29
25°

5.29
25°
4.85

5.94

Rod readings not reduced.

Louisiana & Meade



(↙): direction off flow.
No change in intersection

S.E.B.P. = 318.87

Alabama & Meade

Rods not reduced

(See Below)

℄ Alabama

318.36
5.54 at

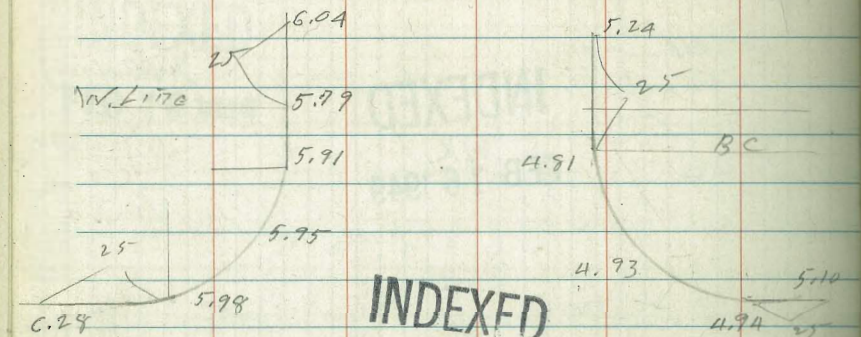
318.44
5.46 set

New grade →
gutter. N.W. Return
+ 50' N. on Alabama

Eliminate gutters

Georgia & Meade

B.M. Hole
1 SE. top curb
B.M. out 6.25 349.85 — 343.60

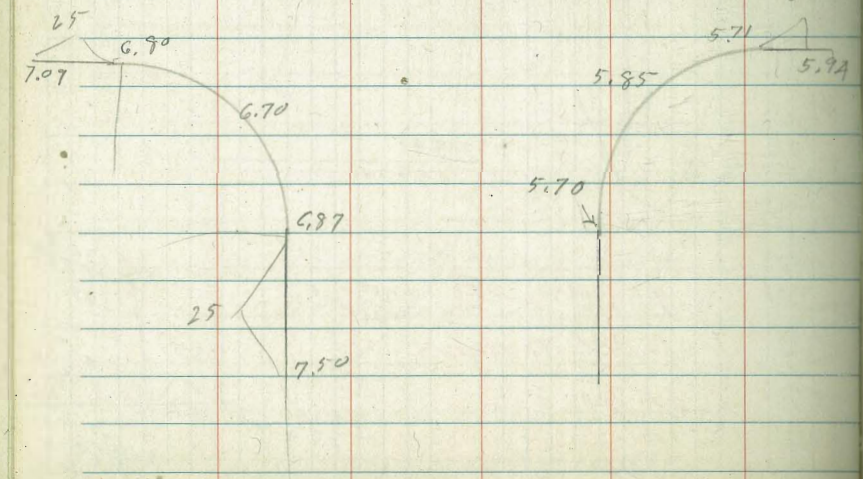


INDEXED
WK
FEB 16 1949

℄ • 5.56

Intersection is
High spot
Eliminate gutters

¼ ×5.93



Restake W.L. gutter line 40th at Meade

NW. ¼ of 40th + Meade = B.M. =
4.90 374.78 — 369.88

S.L. Meade	S ℄	¼	N ¼	N.℄.	20' N. of ℄
367.37 ok	367.73 / 705 / 7.17 F0.10	68.20 / 659 ok	68.75 / 603 / 609 F0.06	69.78 / 576 / 576 F0.09	67.03 / 571 ok	69.29 / 529 Set

50' N of N.℄.
69.47
581
4 on pav.

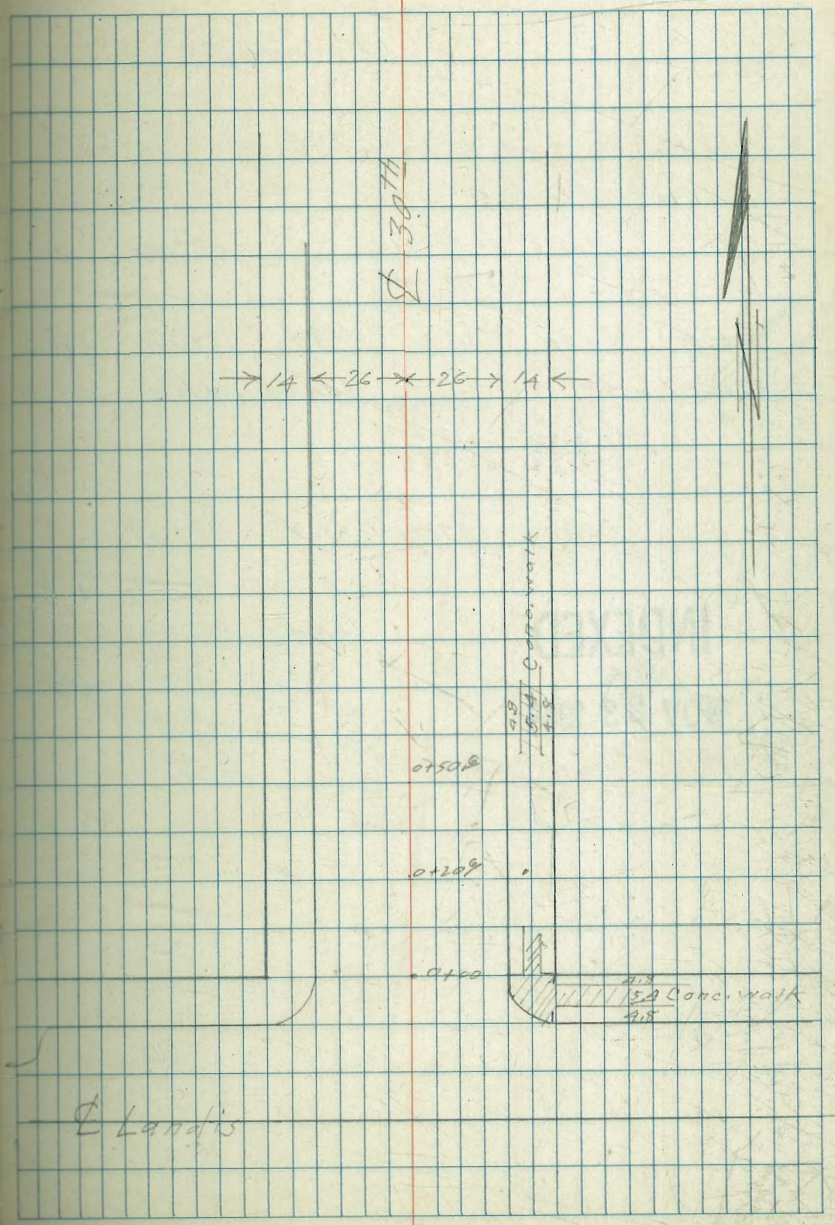
INDEXED
WK
FEB 16 1949

Stake Driveway N.E. Cor.
30th at Landis

~~S.E. B.P. 30th + Landis~~			~~338.99~~	Out
S.W. B.P. 30th + Quinn	3.06	346.99	—	343.93
Set. B.M. NE. B.P. 30th. + Landis			6.92	340.07
orig B.M.			3.06	343.93

Established Grade

0+50 ℄ = N. End drive Meet Existing Ch.	6.32 / 6.32 / Fo.01 OK	340.64	Meet Ch.
0+20 ℄ = S. End Drive	6.72 set.	340.27	
0+00 = N.L.L. Landis Meet Existing Ch.	6.99 / 6.99 / 0. OK.	340.00	Meet Exist Ch.



Stake Culvert Quince & Front

Sommermeyer 6-12-47

Stakes set 4' Lt of ℄

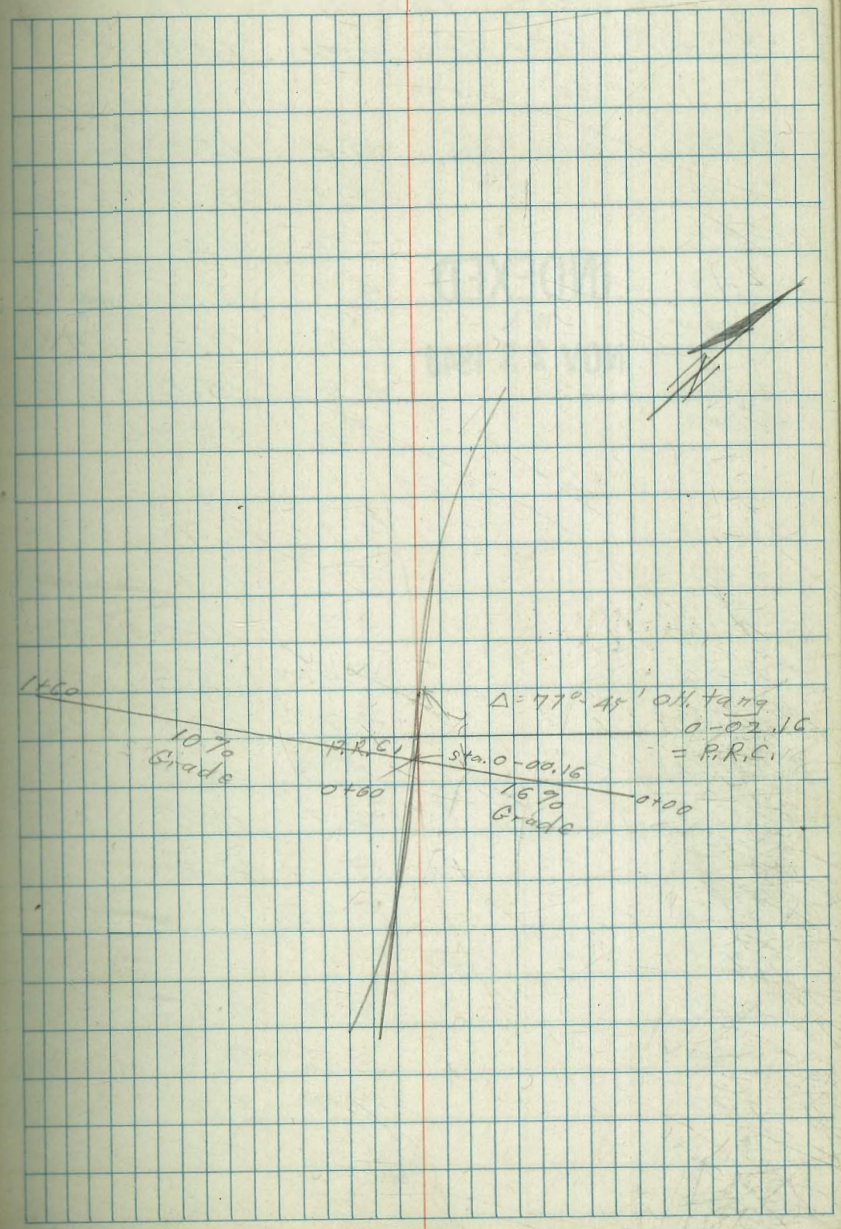
Inlet = 0+00

F.B. 1693 P. 76

	1.5.1	180.91	—	179.40	
		Intersect ℄ of Imp.			
0+00	0+30	0+60	0+90	1+20	1+60
176.70	171.85	167.00	164.00	161.00	157.00
4.21	9.06	13.91			
4.01	8.94	13.23			
C 0.20	C 0.32	C 0.68			
	0.10	167.78	13.23	167.68	
1"℄ Bolt on Lath.					F.B. 1693 P. 76
			13.62	154.16	
			164.00	161.00	157.00
			3.78	6.78	10.78
			3.05	6.78	10.78
			C 0.73	Cr.	Cr.

Not Used

See page 64.



Water Grades (Dalbergia)

Sta. Vesta to Yama			Elev.	
B.M. B.R. S.E. Cor. Main + Vesta			14.89	
	5.44	20.33		
0+00			5.3	15.0	
0+50			5.0	15.3	15.4
1+00			4.7	15.6	15.2
1+50			4.7	15.6	15.0
2+00			4.5	15.8	14.8
2+50			4.3	16.0	14.7
T.P. #1			4.55	15.78	
	4.46	20.24		
3+00			4.1	16.1	14.3
3+50			4.1	16.1	14.1
4+00			4.2	16.0	13.9
4+50			4.4	15.8	13.7
5+00			4.7	15.5	13.5
5+50			5.5	14.7	13.3
6+00			6.7	13.5	13.1
6+50			8.0	12.2	12.2
T.P. #2			8.90	11.34	
	0.52	11.86		
7+00			0.8	11.1	11.2
7+50			2.5	9.4	10.3
8+00			3.4	8.5	9.6
8+50			4.4	7.5	8.7
9+00			5.6	6.3	8.2

July 7, 1947
6" transite
Rainey
Nienow
Baker

cuts

Int. w/ existing 12" line on Vesta

3.4
3.9
4.1
4.5
4.8

5.3
5.5
5.6
5.6
5.5
4.9
3.9
3.5

3.4
3.2
3.2
3.2
3.2

Water Grades (Dalbergia)

Sta	Vesta to Yamadelev.			Cuts
9+50		6.1	5.8	8.0	3.2
10+00		5.8	6.1	7.8	3.2
10+50		6.1	5.8	7.7	3.2
11+00		6.1	5.8	7.6	3.2
T.P. #3		5.42	6.44		
	5.94 12.38				
11+50		6.0	6.4	7.4	3.2
12+00		5.9	6.5	7.2	3.2
12+50		5.6	6.8	7.1	3.2
13+00		5.2	7.2	7.2	3.5
13+20.41	End of Dalbergia line	6.3	6.1	7.4	3.0
13+24.41	∠ Pt. = 0-04 Yama	6.3	6.1	7.4	3.5
	Yama-Dalbergia to Cottonwood				
0+50		5.2	7.2	7.4	3.7
1+00		4.7	7.7	7.6	3.7
1+50		4.6	7.8	7.8	3.7
2+00		4.7	7.7	8.2	3.7
2+50		4.5	7.9	8.5	3.7
3+00		4.1	8.3	8.6	3.7
3+50		4.3	8.1	8.7	3.5
3+90.24	End	4.3	8.1	8.7	3.5
B.M. L+T S.W. Cor.		3.56	8.82	8.88 Corr.	
	Yama + Cottonwood				

Deeper Cut due to Grade pt. being on curb

Pt. 10' S of ℄ Cottonwood

Sommermeyer
W. Moore
Sherman

Beardsley + Harbor Drive Sewer Grades

7-28-47

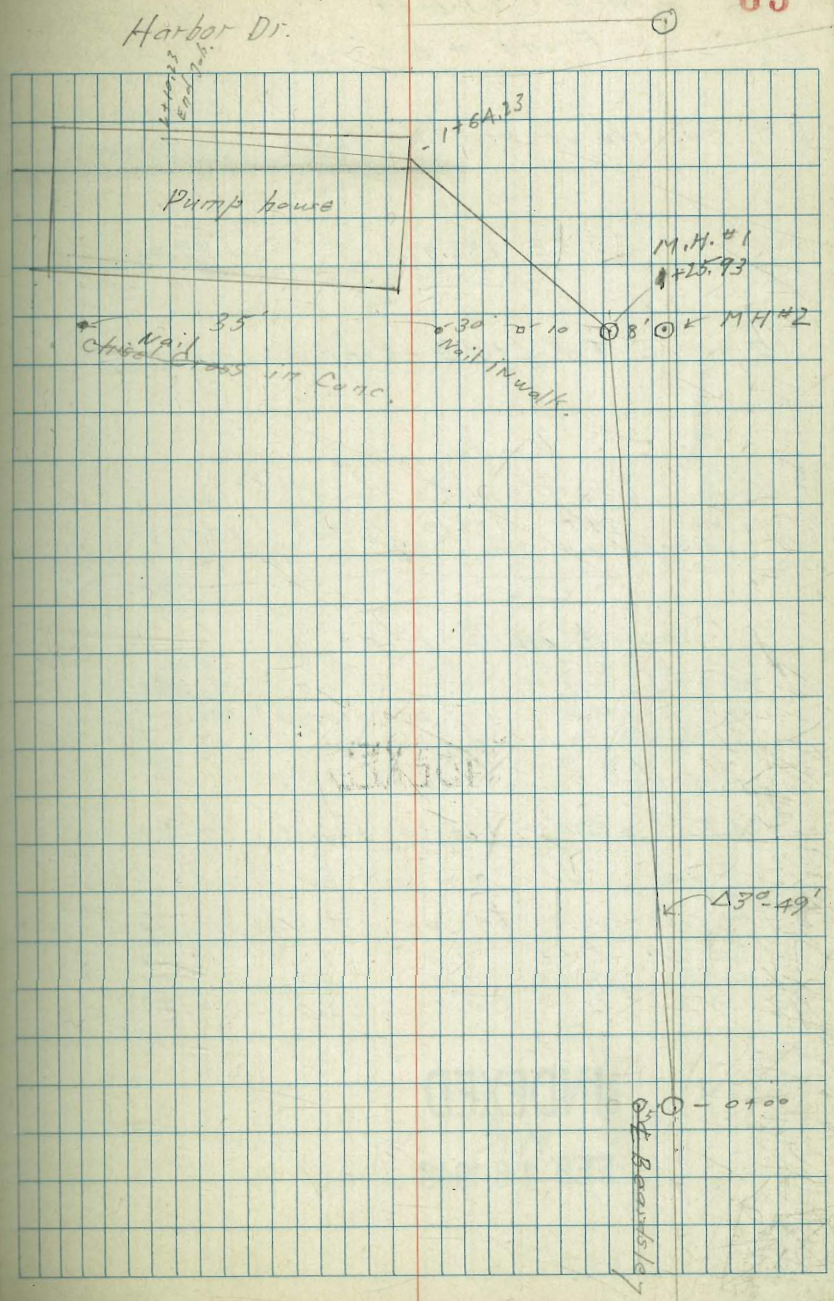
Stakes set. 10' Lt. ℄.

W.O. 90011

N.W. 7'Lt. T. Main + Beardsley	1.04	22.17	—	21.13	
	2.23	15.90	8.50	13.67	M.H. #1
	0+00	+25	+50	+75	1+00	1+25.93
	+ 0.34	+ 0.09	- 0.16	- 0.41	- 0.66	- 0.92
	15.36	15.81	16.06	16.31	16.56	16.82
	8.30	7.83	7.27	6.70	5.83	4.85
℄	7.26	℄ 7.98	℄ 8.79	℄ 9.61	℄ 10.73	℄ 11.97
		B	M.H. #2.		Cuts on 40' offset.	
	1+43.08	1+64.23			MH #1	MH #2
	- 1.30	- 1.68	- 0.38		- 0.92	- 0.38
	17.20	17.58	16.28		16.82	16.28
	4.33	3.44	4.85		3.54	3.50
	12.87	℄ 14.14	11.43		℄ 13.28	℄ 12.74

Check.
M.H. Rim
0+00 FB 1679 - 60 (EL. 7.65) 8.26 7.64 - 7.65 ok.

Harbor Dr.



Stake Culvert
Front & Quince

7-30-47
Sommermeyer
Moore
Sherman.

B.M.: Cross top of M.H. F.B. 1693 - Page 76 = 179.40

	3.52	182.92	179.40

0+00 = 54' Lt. & Improvement.

Grade = 1.67%

0+00	0+27	0+54	0+83	1+12
180.00	179.55	179.10	178.61	178.13

Proposed Imp. Grade is to High

Ground on ℄ Pipe

0+00	+27	+54	+83	1+12
6.8	9.7	9.5	8.9	6.~~00~~
176.1	173.2	173.4	174.0	176.9
+ 0.4	+ 3.3	+ 2.5	+ 0.7	C 2.3

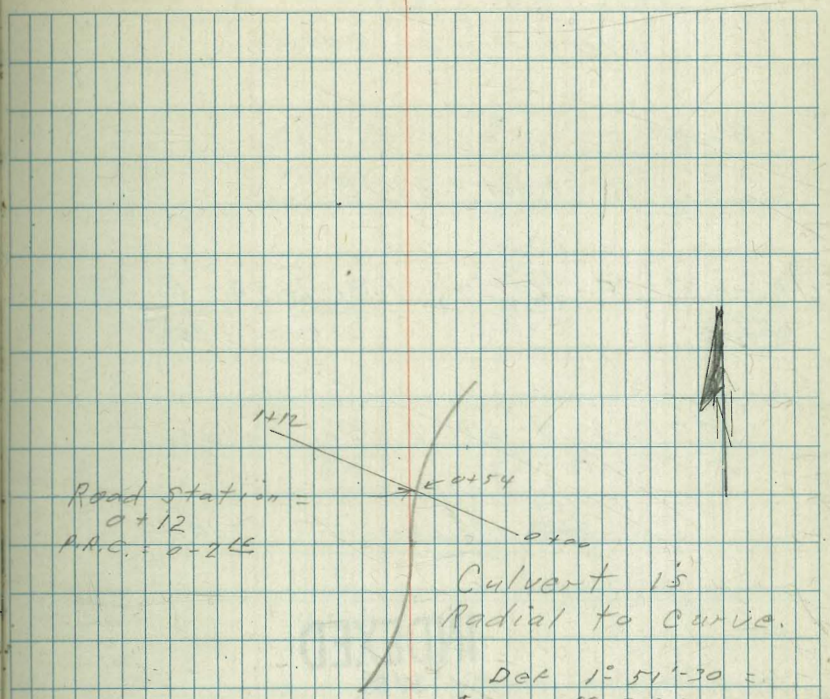
Proposed Grade Lowered 3.50.

Grade 1.67%

176.5	176.05	175.60	175.11	174.63

Figure 0.3 Camber So Grade Els. = 5ct

176.50	176.27	175.90	175.34	174.63
6.42	6.65	7.02	7.58	8.29
4.40	7.75	6.66	4.95	3.50
C 2.02	F 1.10	C 0.36	C 2.63	C 4.79



Culvert Lot #1 Blk #3
Valencia Park. 8-14-47
Work order 80059

0+00 = E. Line San Jacinto F.B. 1696-P 78
"B" sheet #3308

B.M. = 0+00 ½ Hub. F.B. 1696 - P. 79
El. = 170.17

Stakes 9' Lt. & So. Culvert.

~~151~~ 171.68 — 170.17

Δ 17°-30' Rt. Divided into 4 Parts

Start. Pipe	B.C. Rt.	#1	#2
0+08	0+20.02	0+33.76	0+47.51
164.20	164.44	164.72	165.00
7.48	7.24	6.96	6.68
Ex into	7.06	6.68	6.60
Exist Pipe	C0.18	C0.28	C0.08

#3	E.C.	E.C. Ground at &
0+61.25	0+75.00	0+75.00 IN wash.
		165.56
165.28	165.56	6.12
6.40	6.12	6.4
5.50	4.44	F0.3 O.K.
C0.90	C1.68	

Returns - cut back
32nd + Univ.

W.O. 60146 8-26-47

Sommermayer
W Moore
Sherman
Lamore

Grades taken from profiles # 885 - # 1605 and # 1606

N.E. Ret. set to walk

#1	#2	#3	#4	#5	#6
352.55	352.50	352.50	352.50	352.50	352.44
4.56	4.61	4.61	4.61	4.61	4.67
4.85 / 352.26 Exist ch	352.31			352.61	[illegible]
4	80	70	60		352.24 / 4.87

Set. at. Below to meet walk.

352.26	352.51	352.53	352.50	352.37	352.24
	4.60	4.58	4.61	4.74	
	5.24	5.30	5.39	5.23	
	F0.64	F0.78	F0.78	F0.49	

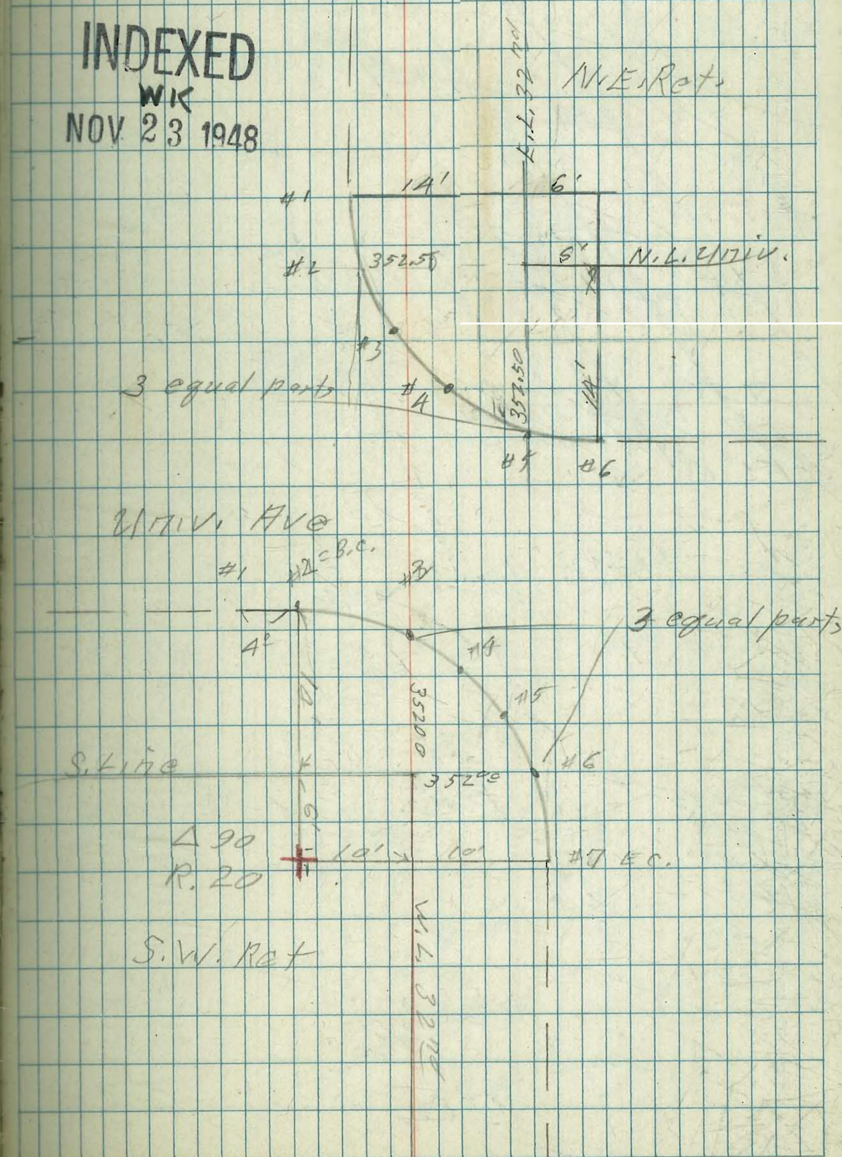
S.W. Ret. set to profile Grade.

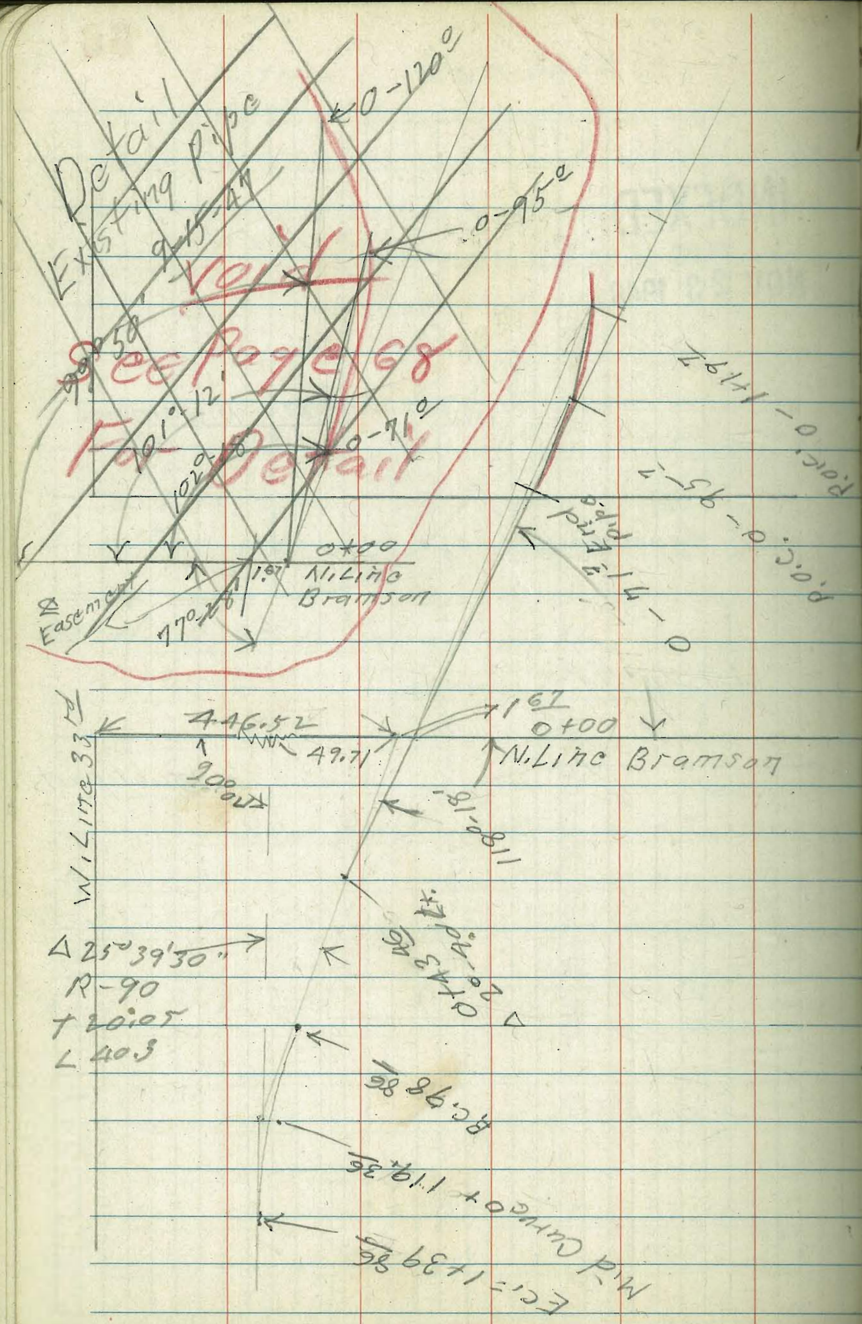
#1	#2	#3	#4	#5	#6	#7
352.10	352.07	352.00	352.00	352.00	352.00	351.90
5.01	5.04	5.11	5.11	5.11	5.11	5.21
5.18	5.21	5.47	5.59	5.68	5.64	
F0.17	F0.17	F0.36	F0.48	F0.57	F0.53	

Set. B.P. B.M. N.C. Cor. Univ + 32nd			5.00	352.20	
T.P.	5.90	357.20	5.81	351.30	
32nd & Univ	5.20	357.11		351.91	S.W. B.P.

357.11
5.81
351.30 = Temp. B.M.

590





9-15-47

Sommermeyer
W Moore
Sherman
Allen

Sw B.P. 33rd + El. Cajon.

374.32
1.48
375.80
8.36
367.44
3.79
371.23 ?

Moved curb stake
N. Line Bramson (C 2.82)
Set stake 10'
East. at old stake
C 2.82
2.96
5.78 Rod + Grade

5.78 Grd Rod
4.61
C 1.17

stakes 6' Left.

0+00
357.34
13.89
12.82
C 1.07
Ctr. stake

0-25
356.96
14.27
12.12
C 2.15

0-50
356.59
14.67
11.94
C 2.70

0-71
356.28
14.95 New
14.92 "
C. 0.03

0+21.73
357.66
13.57
12.33
C 1.24

0+43.46
357.98
13.25
11.19
C 2.06

0+68.46
358.35
12.88
11.67
C 1.21

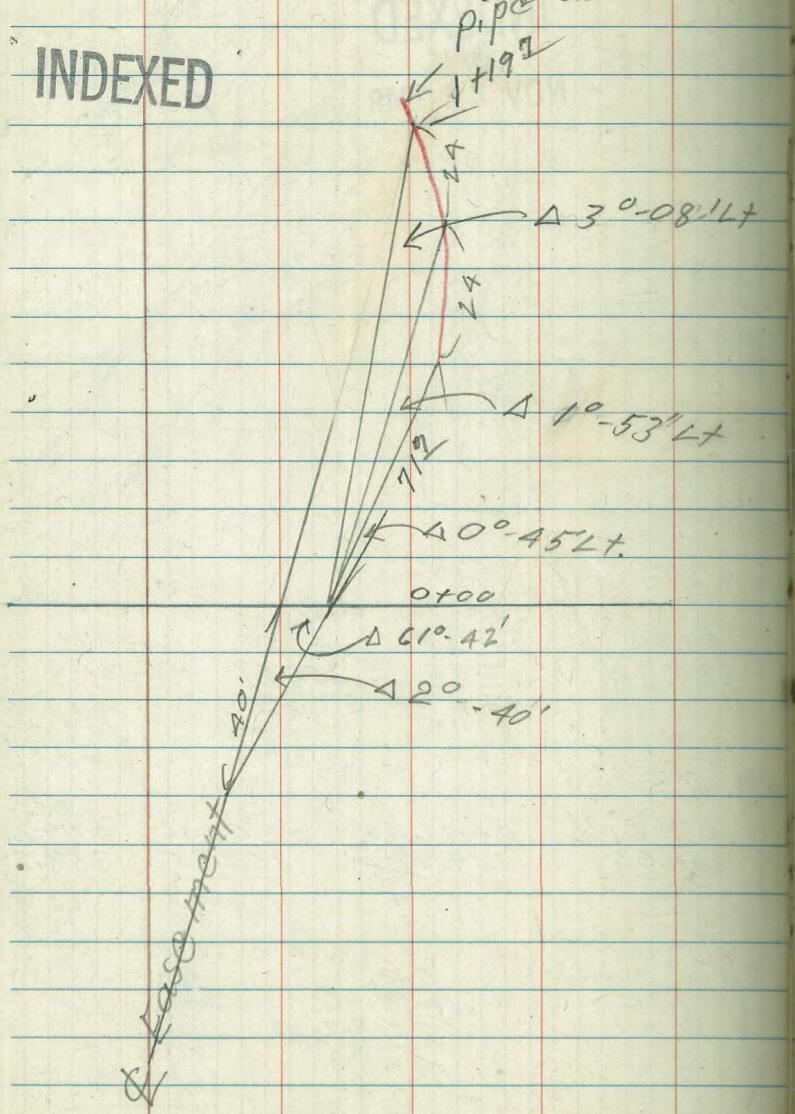
P.C
0+98.86
358.79
12.44
11.65
C 0.79

Mid Curve
1+19.36
359.09
12.14
9.82
C 2.32

E.C.
1+39.86
359.39
11.84
9.32
C 2.52

0+00 6' Rt
357.34
13.89
12.02
C 1.87

Bramson Place
Storm Drain Change as now in pipe



Sewer Grades Bangor St.
From Lucinda - 174.88 South

9-26-47

W.O. # 60161

Sommermeyer
W Moore
E Sherman

F.B. 1569-P 70 + "B" sheet # 3347-B

0+00 = ℄s Lucinda & Bangor { sec. F.B. 1759 page 70

Rate = .7%

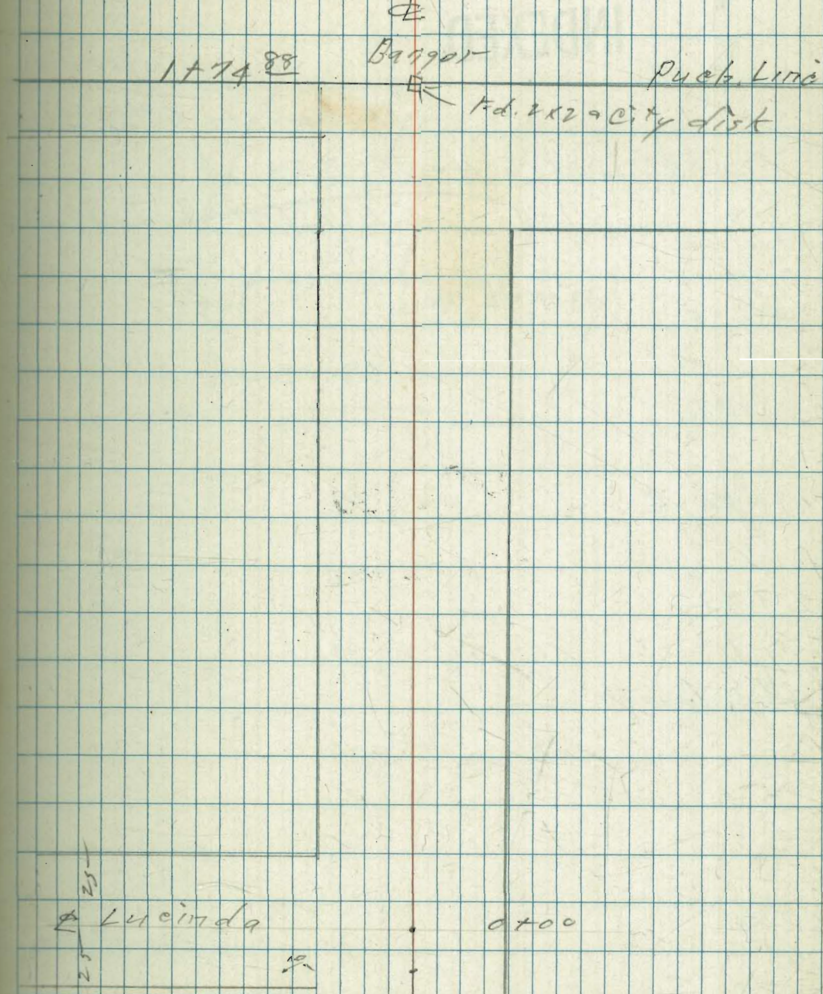
0+00	+35	+70	1+05	1+40	1+74.88
265.68	265.93	266.17	266.42	266.66	266.91
9.10	8.85	8.61	8.36	8.12	7.87
4.58	4.96	4.54	4.23	3.17	3.02
C 4.52	C 3.89	C 4.07	C 4.13	C 4.95	C 4.85

chc

B.M. = N.E. 10' tie back on 7' Line Lot.
FB 1659 p. 70 5.30 274.78 — 269.48

check. B.M. 5.30 269.48 ✓

stakes set 4' west of ℄



Stake Culvert Front + Quince

INDEXED

6-6-47 Sommermeyer W Moore Metten Sherman

Drawing 6922 L

Stakes set 6' North ℄.

0+00 = inlet - 54' Ely From ℄ Improvement

Chisel cross M.H. ~~F.G. 1693-96~~ Ground Stkd. 179.40

0+00

+27

+54 · ℄

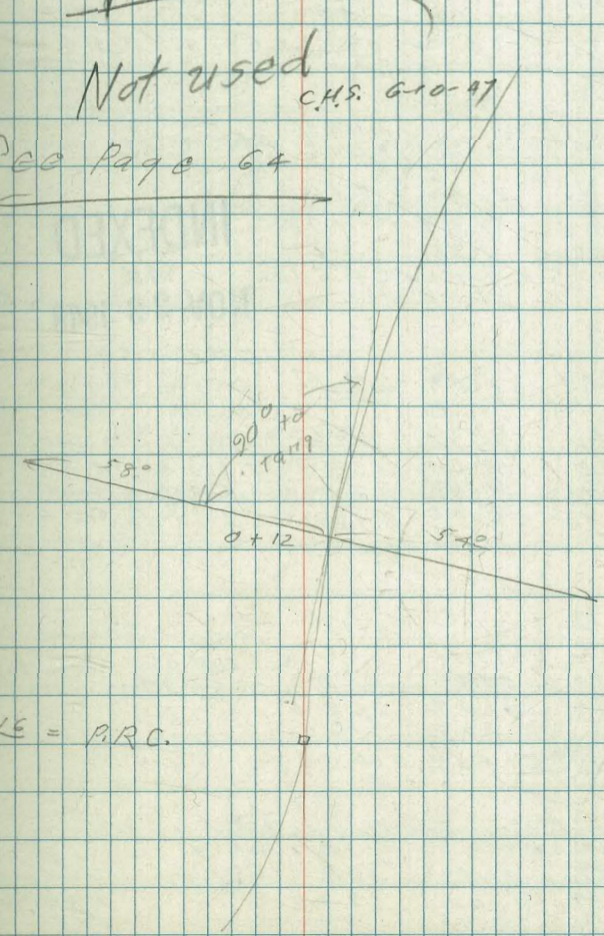
+83

1+12 = outlet

Void

Not used C.H.S. 6-10-47

See Page 64



0-2 1/2 = P.R.C.

9-24-46 Sewer Grades: Blks 345 Nettleship - Tye Tract #1
W.O. 80004 (Pacific Beach)
F.B. 1690 P27 + L sheet 6691-L

Exist M.H. 0+00	+50	1+00	D.M.H. 1+43.4 South+East	1+43.4 North Only	
28.60	29.05	29.50	29.89	32.53	⊼ 42.13
13.53	13.08	12.63	12.24	9.60	
13.52	4.58	4.02	4.12	4.12	
C 0.01 OK.	C 8.50	C 8.61	C 8.12	C 5.48	

2+00	+50	MH#2 2+70.51	Δ22°-35' Rt.
33.61	34.56	34.95	
8.52	7.57	7.18	
3.40	1.85	2.57	
C 5.12	C 5.72	C 4.61	

⊼ 42.13
0.28
41.85
12.24
54.09 ⊼

3+20.51	3+70.51	4+20.51	DMH. #4 4+70.51 North	4+70.51 East
35.90	36.85	37.80	38.75	41.00
18.19	17.24	16.29	15.34	13.09
11.30	9.28	7.01	6.45	6.45
C 6.89	C 7.96	C 9.28	C 8.89	C 6.64

5+20.51	5+70.51	6+20.51	Connect to Exist Sewer M.H. Rim
⊼ 54.09	⊼ 57.54		54.72
39.70	40.65	41.60	2.82
14.39	16.89	15.94	2.80
0.80	2.20	1.77	0.02 OK
C 13.59	C 14.69	C 14.17	

0.55
53.54
4.00
⊼ 57.54

Line East from DMH #1

0+00	0+38.86	0+77.72	Con. to Exist Sewer
29.89	31.09	32.28	
12.24	11.04	9.85	
4.12	2.70	3.00	
C 8.12	C 8.34	C 6.85	

⊼ 42.13

⊼ 57.54

East from D.M.H. #4

0+02.61 Man Hole	0+50	1+00	1+50.18	⊼ 61.24 2+01.29 2+02.78
41.00	41.79	42.60	43.40	44.22
	15.75	14.94	14.14	17.02
	7.80	7.16	7.04	5.70
	C 7.95	C 7.78	C 7.10	C 11.32

⊼ 61.24

2+55.29 ~~2+52.29~~ DMH #5 East West +50	North	3+07.29	3+62.29
45.04	51.50	47.95	50.87
16.20	9.74	13.29	10.37
3.91	3.91	2.24	1.57
C 12.29 ✕	C 5.83	C 11.05	C 8.80

North from DMH #5

DMH #5 0+00	0+40	0+80	⊼ 62.73 1+20
51.50	52.50	53.50	54.50
9.74	8.74	7.74	8.23
3.91	1.62	0.68	1.38
C 5.83	C 7.12	C 7.06	C 6.85

61.24
0.68
60.56
2.17
62.73 ⊼

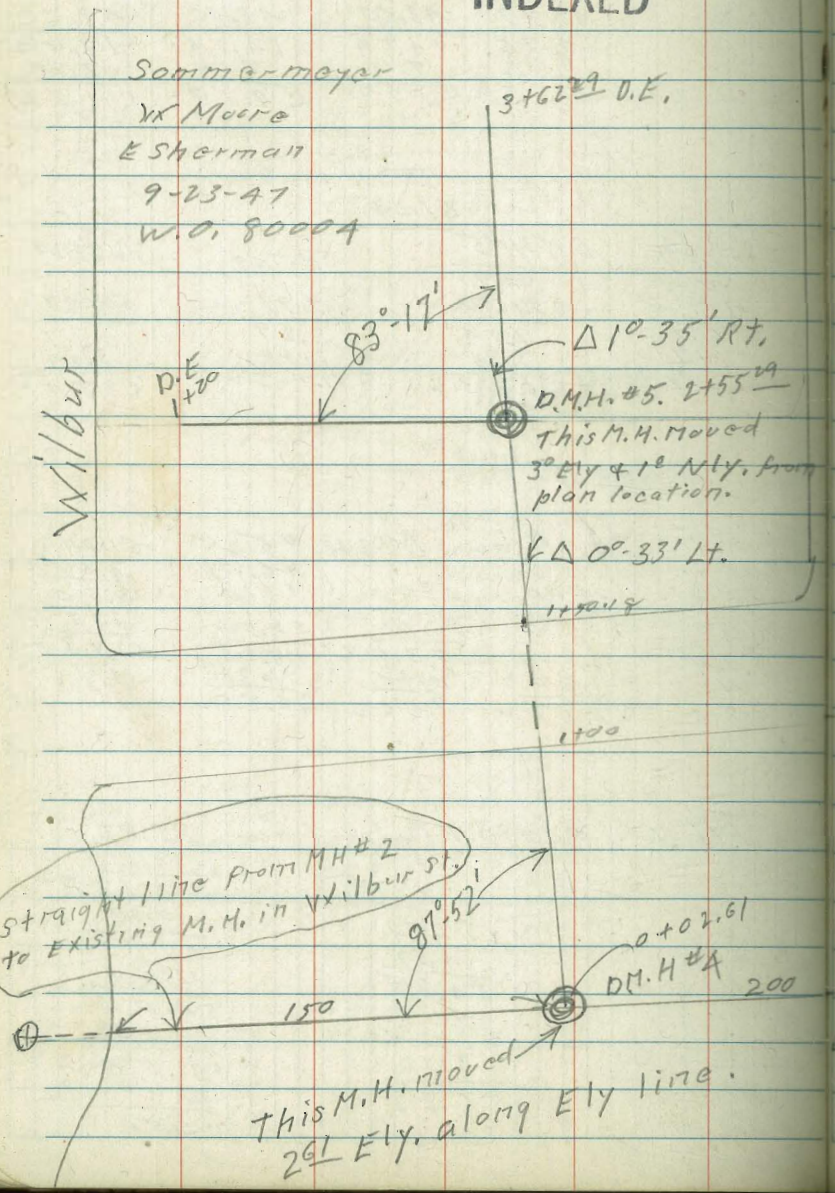
B.M. N.E. Ocean Blvd & Law 33.82
8.31
42.13 ⊼
0.28
41.85
12.24
54.09
0.55
53.54
4.00
57.54

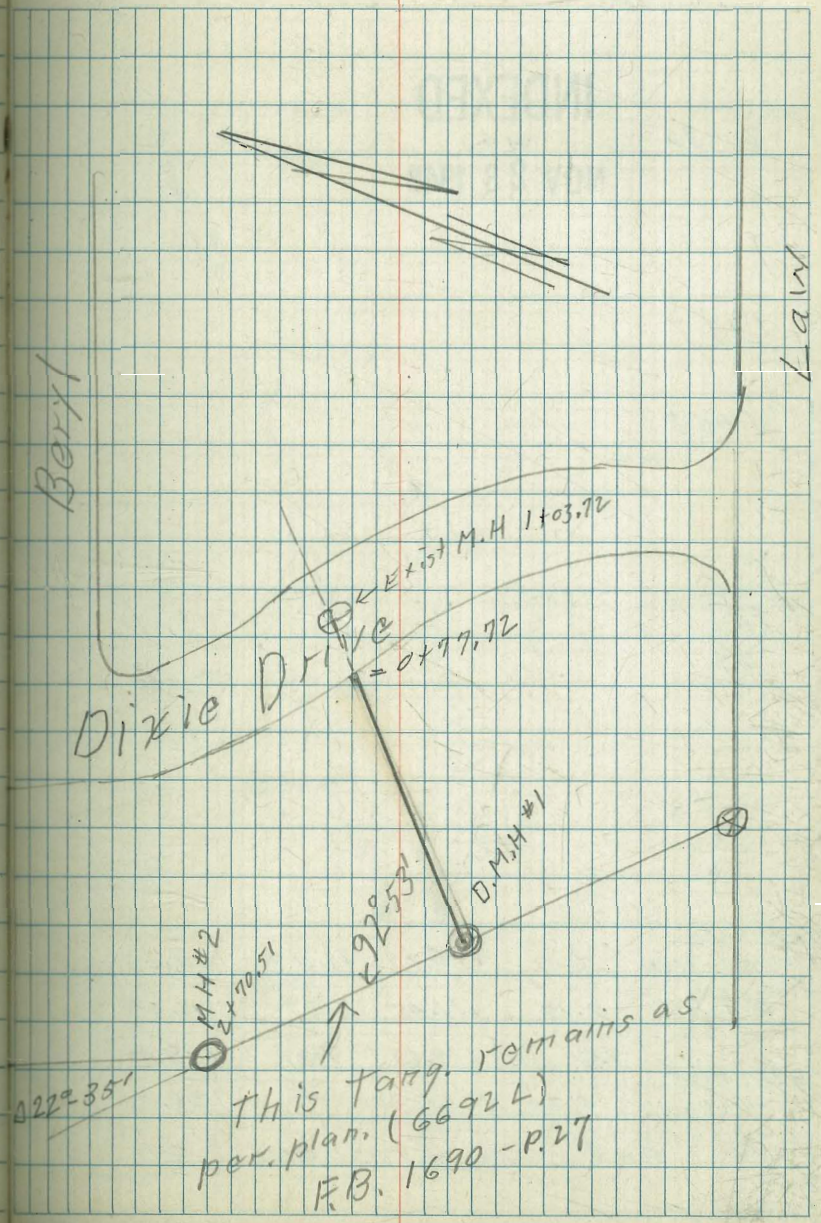
57.54
2.69
54.85
6.39
61.24
3.36
57.88

old, Δ 2+52.29
FB 1690 P29
57.91
0.03 OK

Line change
Blks. 3 + 5 Northeship Tye
Tract #1.

Sommermeyer
Wx Moore
E Sherman
9-23-47
W.O. 80004





Law. St. Gresham to Ingraham
Water Meter Box Grades

2+35

1+57

1+53

1+35

0+88

Stakes set 2' East & 2' West of ctr. Meter Box. Stakes 1.67 back of curb face. Fire Hydt. in place

NE. 11' rack Gresham + Law	6.41	106.77	11.09	100.36
0+35	0.17	111.45	8.35	111.28
	1.61	119.63	7.81	118.02
S.W. 11' rack Ingraham + Beryl	0.75	125.83	—	125.08

0+00 = East line Gresham.

North

South

73

101.50 C 1.00 | 101.52 | 100.72 C 1.00 | 100.74

101.03 C 1.00 | 101.05

Rake

100.16 C 0.50 | 100.18

100.90 C 0.50 | 100.92 | 100.04 6.73 6.23 C 0.50 | 100.06 6.71 6.21 C 0.50

100.63 C 0.50 | 100.65

100.11 6.66 6.16 C 0.50 | 100.13 6.64 6.14 C 0.50

106.77

C with Gr. 100.12

Temp.
B.M. 4+85
East stake North side = 4.75 103.98

4+85 W. L. Haines

5.96 108.73 4.00 102.77

4+25

4+12

3+93

3+85

3+06.5

3+05

2+85

North South

	west stake	East stake		west stake	East stake
	102.96	102.98		102.44	102.46
	5.77	5.75	108.73	6.29	6.27
	4.77	4.75		5.79	5.77
	C 1.00	C 1.00		C 0.50	C 0.50
				102.03 Grade	102.05
	102.53 C 1.00	102.55			
				101.80 Grade	101.82
	102.37 C 1.00	102.38			
	101.97 C 1.00	101.94			
				101.20 C 0.50	101.22
	101.79 C 1.00	101.81		101.06 C 0.50	101.08

Rake

North

South

	West stake	East stake	West stake	East stake
	Stakes 1 67 back of curb line			
1+21	103.98 3.98 3.98 x	104.00 3.96 3.96 v x		
1+10	1 stake only		103.46 4.50 5.50 F 1.00	
0+85			103.35 4.61 5.61 F 1.00	103.37 4.59 5.59 F 1.00
0+60	103.73 4.23 3.73 C 0.50	103.75 4.21 3.71 C 0.50 v		
0+05 = Fire Hydt. stub in place set grade on our line for Hydt.		6.99	103.01 4.95 4.45 C 0.05	103.03 4.93 4.43 C 0.50
0+00 = E. Line Haines	3.98 107.96	107.96		
	103.98			

Law St. Haines to Ingraham.

2+86

2+85

2+21

2+15

1+85

T.P. 5.82 110.02 3.76 104.20

1+71

107.96

North

South

	West stake	East stake	West stake	East stake
2+86	104.64 5.38 5.38 X	104.66 5.36 5.36 X		
2+85			104.18 5.84 7.34 F 1.50	104.19 5.83 7.33 F 1.50
2+21	104.38 5.64	104.40 5.62		
2+15			103.89 6.13 7.13 F 1.00	103.91 6.11 7.11 F 1.00
1+85			103.77 6.25 7.25 F 1.00	103.79 6.23 7.23 F 1.00
T.P.			110.02	
1+71	104.18 3.78 3.78 X	104.20 - T.P. 3.76 3.76 X		

107.96

North

	West stake	East stake
4+36	106.98 3.04 3.54 F 0.50	107.10 2.92 3.42 F 0.50
4+35		
3+96	106.00 4.02 4.02 ✓	106.08 3.94 ✓ 3.94½ ✗
3+85		
3+47	105.18 4.84 4.84 ✗	105.24 4.78 4.78½ ✗
3+35		

110.02

South

	West stake	East stake
4+36		
4+35	106.39 3.63 3.63 ✗	106.49 3.53 ✓ 3.53 ✓ ✓
3+96		
3+85	105.29 4.73 5.23 F 0.50 ✓	105.36 4.66 5.16 F 0.50 ✓
3+47		
3+35	104.54 5.48 5.98 F 0.50	104.55 5.47 5.97 F 0.50

110.02

SW. 7' Lot Beryl & Ingraham			2.60	125.05	(125.08)
T. P.	10.60	127.65	1.49	117.05	
T. P.	11.04	118.54	2.52	107.50	
4+85					

110.02

South

West stake East stake

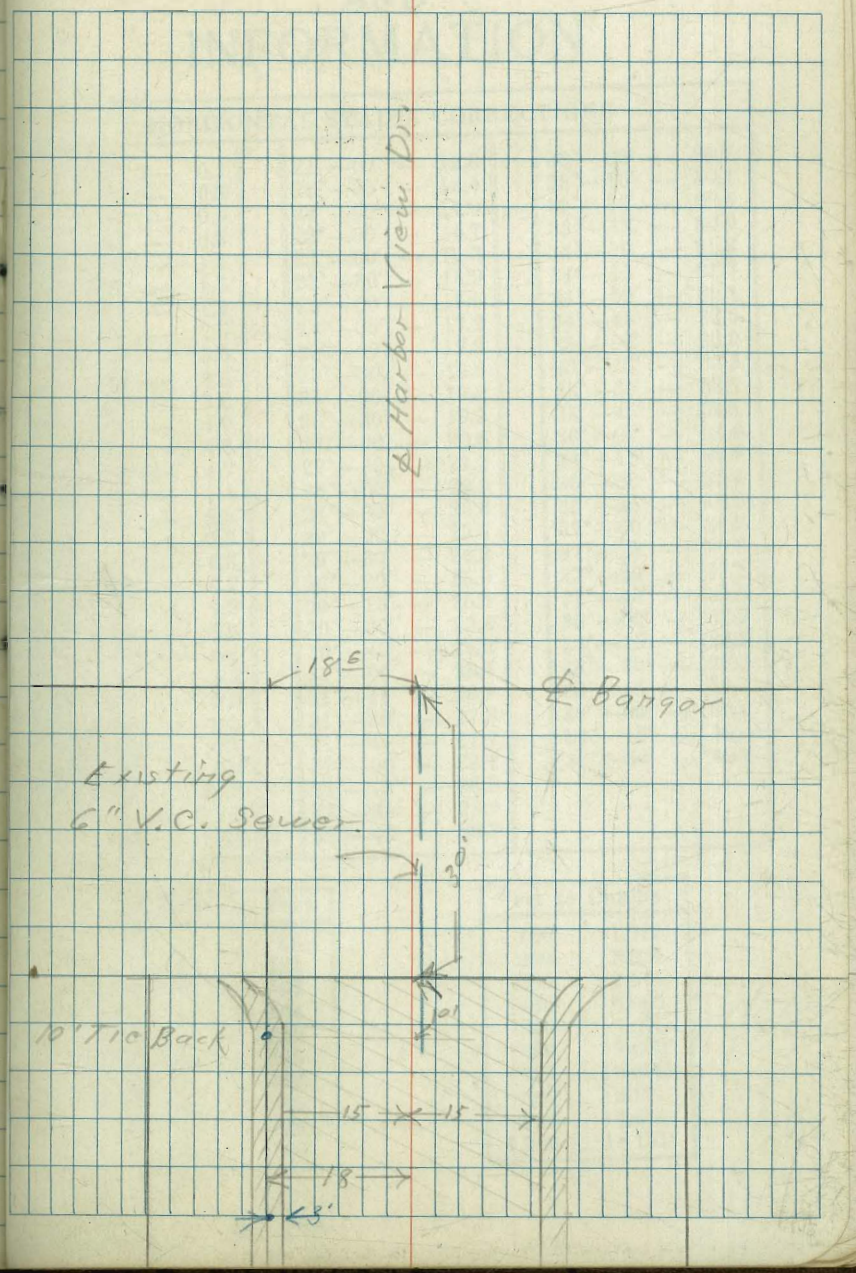
T.P.

107.85	108.00
2.17	2.02
2.67	2.52
F 0.50	F 0.50

110.02

Locate Dead End
Bangor & Harbor View Dr.

Orig B.M.			5.58	269.47 (0.01)	OK
T.P.	12.19	275.05	0.33	262.86	
Spike 51 Sq. of D.E.			6.61	256.58	C 7.88 Top of pipe.
D.E. & Bangor & Harbor Dr. →					
Top C"V.C. Sewer pipe			14.49	248.70	
T.P.	0.68	263.19	12.40	262.51	
N.E. 10' T to Back Lucinda & Bangor.	5.43	274.94	—	269.48	



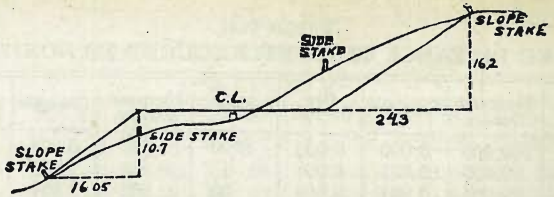
IMPROVED TABLES AND INFORMATION

HORIZONTAL STADIA CORRECTIONS

2°—00′	—	0.1	21°—00′	—	12.8	33°—00′	—	29.7
3°—00′	—	0.3	21°—30′	—	13.4	33°—15′	—	30.1
4°—00′	—	0.5	22°—00′	—	14.0	33°—30′	—	30.5
5°—00′	—	0.8	22°—30′	—	14.7	33°—45′	—	30.9
6°—00′	—	1.1	23°—00′	—	15.3	34°—00′	—	31.3
7°—00′	—	1.5	23°—30′	—	15.9	34°—15′	—	31.7
8°—00′	—	1.9	24°—00′	—	16.5	34°—30′	—	32.1
9°—00′	—	2.5	24°—30′	—	17.2	34°—45′	—	32.5
10°—00′	—	3.0	25°—00′	—	17.9	35°—00′	—	32.9
10°—30′	—	3.3	25°—30′	—	18.6	35°—15′	—	33.3
11°—00′	—	3.6	26°—00′	—	19.2	35°—30′	—	33.7
11°—30′	—	4.0	26°—30′	—	19.9	35°—45′	—	34.1
12°—00′	—	4.3	27°—00′	—	20.6	36°—00′	—	34.6
12°—30′	—	4.7	27°—30′	—	21.3	36°—15′	—	35.0
13°—00′	—	5.1	28°—00′	—	22.0	36°—30′	—	35.4
13°—30′	—	5.5	28°—30′	—	22.8	36°—45′	—	35.8
14°—00′	—	5.9	29°—00′	—	23.5	37°—00′	—	36.2
14°—30′	—	6.3	29°—30′	—	24.3	37°—15′	—	36.6
15°—00′	—	6.7	30°—00′	—	25.0	37°—30′	—	37.1
15°—30′	—	7.2	30°—15′	—	25.4	37°—45′	—	37.5
16°—00′	—	7.6	30°—30′	—	25.8	38°—00′	—	37.9
16°—30′	—	8.1	30°—45′	—	26.2	38°—15′	—	38.3
17°—00′	—	8.5	31°—00′	—	26.5	38°—30′	—	38.7
17°—30′	—	9.0	31°—15′	—	26.9	38°—45′	—	39.1
18°—00′	—	9.5	31°—30′	—	27.3	39°—00′	—	39.6
18°—30′	—	10.1	31°—45′	—	27.7	39°—15′	—	40.0
19°—00′	—	10.6	32°—00′	—	28.1	39°—30′	—	40.5
19°—30′	—	11.2	32°—15′	—	28.5			
20°—00′	—	11.7	32°—30′	—	28.9			
20°—30′	—	12.3	32°—45′	—	29.3			

Chains to Feet	
1	66
2	132
3	198
4	264
5	330
6	396
7	462
8	528
9	594
10	660

Feet to Chains	
100	1.515
200	3.030
300	4.545
400	6.060
500	7.575
600	9.090
700	10.606
800	12.121
900	13.636
1,000	15.151



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.

Cut. stakes So. End Poe

2/14/47

Lat # 30 59.09
9.86 = ~~Cut~~
68.95
1.60 Rod
70.55

15' Back East Cb. End
8+17.33

64.0
6.55
1.37
C 5.18 = 5.2

3' Back West Curb End
7+94.6

62.75
7.80
8.20
F 0.40

7+41.9 - Start Curb
7+48.4 " Walk
7+94.6 End Curb & Walk

3.87.47
NW Wilson

5.98

3.16
.45
.61
.30
.66

5.84
1.50
7.34

10.02
3.37
6.65

5.10
+ .50
5.60
- 1.00
4.60 ~~Rd~~ 5.60 Rod.

103.98
6.05
110.03