

7

200 E

LEWIS BOOK

383

F.B.597

MICROFILMED
DEC 14 1964

P. 24

			So. Cont.	50 Cont Rods
B.M.	S.W. Cor. of VanDyke + El Cajon.		363.56	
EPL VanDyke 0+00				
BM	5.26	H.I.	363.03	5.79
0+32.5				
0+57.5				
0+82.5				
1+07.5				
2 of alley				
1+32.5				
1+65				
1+90				
2+15				
2+40				
WPL Pauly				
2+65			357.73	11.09
4 of st.				
2+95				
EPL Pauly 0+00	T.P. 213	358.21	357.2	5.5
		12.74		11.63
0+32.5				
0+57.5				
0+82.5				
1+07.5				
2 of alley				
1+32.5				
1+65				
1+90				
2+15				
2+40				
WPL Pauly				
2+65			352.0	6.22

Out.	Elv. of Ground 7 ft of pipe	Rods 4 of 7 ft of pipe	Elv. off pipe.	Rods.	Elv. No. 11 Cont.
4.1	365.3	3.50	361.21	4.33	364.5
4.1	365.00	3.80	360.85		
4.2	364.8	4.00	360.57		
3.9	364.2	4.60	360.29		
3.6	363.7	5.10	360.09		
3.9	363.00	5.80	359.73		
3.9	362.1	6.70	358.47		
3.9	361.2	7.60	357.51		
3.9	360.3	8.50	356.55		
3.8	359.3	9.50	355.61		
3.9	358.5	10.30	354.61	11.33	357.5
3.7	357.4	11.40	354.05		
3.7	356.1	12.70	353.44	12.69	356.1
2.7	354.8	3.4	352.90		
2.6	354.0	4.2	352.44		
2.6	353.4	4.8	351.95		
3.0	353.1	5.1	351.58		
3.1	352.6	5.6	351.03		
3.0	352.2	6.0	350.56		
3.7	352.2	6.0	350.11		
3.3	352.1	6.1	349.64		
3.4	352.0	6.2	349.18		
3.8	352.2	6.0	348.56	7.08	351.1

Sta.	+	HI	-	Elev.	Rods South	Elev. South	Elev. Ground	Elev. B. Ditch	Cut	Rods North	Elev. North
S.W. Cor Fmt. B.M. elajon	6.17	358.20		352.03	Curbs	South Curbs				Curbs	North Curbs
					14.05' B S.E. curb 6.20'		352.15	348.56	3.4		
EPL Fairmt						352.00					
0+00		6.25					351.95	348.56	3.4		
0+25		6.90					351.80	348.82	3.0		
0+50		6.51					351.69	349.08	2.6		
0+75		6.14					352.06	349.34	2.7		
1+00		6.03					352.17	349.59	2.6		
1+25		5.60					352.60	349.85	2.8		
1+50		5.22					352.98	350.11	2.8	N.W. curb 5.67	352.53
1+75		5.05					353.15	350.37	2.9	NE 4.78 curb	353.42
2+00		4.77					353.43	350.63	2.8		
2+25		4.50					353.70	350.89	2.9		
2+50		4.07					354.13	351.15	3.0		
W.P.L Colonial					SW curb 3.45	354.75	354.37	351.36	3.0		
2+70		3.83									
E Colonial											
3+00		3.34			SE curb 2.85	354.86	351.66	351.66	3.2		
E.P.L Colonial						355.35	355.35	352.01	3.3		
6400 B.M. SW cor											
Highland	5.53	361.67		356.14							
0+25		6.07					355.60	352.1	3.5		
0+50		5.60					356.07	352.2	3.9	N.W. of Highland 5.82	
0+75		5.65					356.02	352.3	3.7	N.E. " 5.63	
0+93		5.37					356.30	352.4	3.9		
1+25		5.31					356.36	352.5	3.9		
1+50		5.32					356.35	352.6	3.8		

N.W. curb
5.67
NE 4.78
curb
352.53
353.42
at -
Orangerwood

Sta.	+	HI	-	Elev.	Rods	Elev.	Elev.	Elev.	Cut	Rods	Elev
		361.67			So. Curbs	So. Curbs	Ground	Elev. ^{bott.} ditch		No. Curbs	No. Curbs
1+75			5.13				356.54	352.7	3.8		
2+00			5.04				356.63	352.8	3.8		
2+25			4.84				356.83	352.9	3.9		
2+50			4.61				357.06	353.0	4.0		
WPL High.											
2+73			4.59				357.08	353.1	4.1		
♀. High.											
EPL High			4.42		S.E. High.		357.25	353.2	4.0		
0+00			4.24		5.18		357.43	353.4	4.0		
					SW. 5.54						
BMSW Cor											
Cabrillo + Elyan	5.42	362.71		357.29							
0+50			5.50				357.21	353.6	3.6		
1+00			5.31				357.40	353.8	3.6		
1+50			5.40				357.31	354.0	3.3		
2+00			5.25				357.46	354.2	3.3		
2+50			5.09				357.62	354.6	3.0		
WPL Cabrillo					SW. Cabrillo						
2+73			5.14		5.42	357.29	357.57	354.7	2.8		
					SE Cabrillo						
					5.26	357.45		354.8			
EPL Cabrillo											
0+00			4.76								
0+50			4.91				357.95	354.67	3.3		
1+00			4.81				357.80	354.54	3.3		
1+50			4.71				357.90	354.41	3.5		
2+00			5.11				358.00	354.28	3.7		
2+50			5.25				357.60	354.15	3.4		
WPL Chaumone											
2+73			5.90				357.51	354.09	3.1		

NE Orchard st
437 358.34

NW 407 358.64

Sta	+	HI.	-	Elev.	Rods	Elev.	Elev.	Elev.	Cut	Rods	Elev.
					So. Curbs	So. Curbs	ground,	bottom ditch		No. Curbs	No. Curbs
BMS West Montone	563	358.63		353.00							
RPL Choumone					S.W. Curb Choumone						
0+00			1.96		2.82 SF.	356.61	356.67	353.48	3.2		
0+25					2.80	355.83					
0+50			2.65				355.98	352.93	3.1		
0+75											
1+00			3.45				355.18	352.38	2.8		
1+25											
1+50			3.87				354.76	351.83	2.9		
1+75											
2+00			4.20				354.43	351.28	3.1		
2+25											
2+50			4.79				353.84	350.73	3.1		
Wpk Montone					SW Montone						
2+73			5.15		603	352.60	353.48	350.48	3.1		
					563	353.00					

Sta.	+	H.Z.	-	Elev.	Rods	Elev.	Elev.	Elev.	Cut	Rods	Elev.
					So Curbs	So Curbs	Ground	bottom Ditch		No. Curbs	No. Curbs
EPL Montano											
0+00		358.63	5.37				353.26	350.72	2.5		
0+50			5.74				352.89	350.27	2.6		
1+00			6.02				352.61	349.82	2.8		
1+50			6.75				351.88	349.37	2.5		
2+00			7.31				351.32	348.92	2.4		
2+50			7.80				351.83	348.47	3.1		
2+75			8.02				350.61	348.24	2.4		
B.M. SW cor Sierra st.	6.18	353.38		347.20							
EPL Montano											
0+00			3.29				350.14	347.69	2.5		
0+50			3.66				349.72	347.24	2.5		
1+00			4.12				349.26	346.79	2.5		
1+50			4.70				348.68	346.34	2.4		
2+00			5.26				348.12	345.89	2.2		
2+50			5.90				347.48	345.44	2.1		
WPK Sierra 2+75			6.19		SW Sierra 6.18 SE Sierra 6.35	347.20	347.24	345.21	2.0		
						347.03					

Sta	+	HL	-	Elev	Rods	Elev.	Elev.	Elev.	Cut	Rods	Elev.
					So Curbs	So. Curbs	Ground	bottom ditch		No. Curbs	No. Curbs

353.38

E.P. Sierra
0+00

6.14

347.24 344.66 2.6

0+50

6.56

346.82 344.21 2.6

1+00

6.24

347.02 343.76 3.4

1+50

6.96

346.42 343.31 3.1

2+00

7.46

345.92 342.86 3.1

2+50
W.P. Euclid

7.98

345.90 342.41 3.5

3+73

7.12

346.26 342.2 4.0

1+00

2+00

3+00

4+00

5+00

6+00

7+00

Sta	+	HT	-	Elev. Rods	Elev. So. Curbs	Elev. Ground	Elev. bottom ditch	Cuts	Rods	Elev. No. Curbs
N.M. Swain Yon Dyke E.C. Coffin	6.33	369.89		363.56	So. Curbs S.M. Yon Dyke 6.36	363.53				N.M. Yon Dyke 5.90
0700					S.E. 6.86 Yon Dyke	363.03				
0400 M.P.L. Van Dyke			4.65	365.24		365.24	361.51	3.7		
0450			4.70	365.19		365.19	361.30	3.9		
1100			4.90	364.99		364.99	361.19	3.8		
1450			5.10	364.79		364.79	360.97	3.8		
2100			5.20	364.69		364.69	360.78	3.9		
2450 F.P.L. Copeland			4.88	365.01		365.01	360.59	4.4		
M + 65 M.P.L. Copeland			4.94	364.95		364.95	360.40	4.5		
0400			4.92	364.97	S.M. Copeland 6.86	363.13	364.97	360.35	4.6	M.F. Copeland 6.11
0450			4.95	364.94	S.E. Copeland 6.86	363.03	364.94	360.44	4.5	M.P.L. Copeland 6.26
1400			4.97	364.92			364.92	360.53	4.4	
1450			4.88	365.01			365.01	360.62	4.4	
2100 F.P.L. 5th			4.85	365.04			365.04	360.71	4.3	
M + 50 M.P.L. 5th			4.97	364.92			364.92	360.80	4.1	
0400			4.98	364.91			364.91	360.97	4.1	M.M. 5th 5.4K
	5.31	370.45		365.14	S.M. Stockton 5.37	365.13	365			364.41
M.P.L. 5th 0400			5.70	364.75	S.E. Stockton 5.61	364.84	364.75	360.47	4.4	M.E. 5th 5.87
0450			5.51				364.9	360.7	4.2	M.H. Stockton 5.08
1400			5.37				365.1	360.9	4.2	M.H. Stockton 4.81
1450			5.25				365.2	361.1	4.1	
2100			5.18				365.3	361.3	4.0	
2450 F.P.L. Stockton			5.01				365.4	361.5	3.9	
M + 65			4.92				365.5	361.6	3.9	

Sta	+	HZ	-	Elev. Rods	Elev. Si. Curbs	Elev. Ground	Elev. bottom ditch	Cuts	Rods No. Curbs	Elev. No. Curbs
M.P.L. Stockton		370.45								
0+00			4.90			365.5	361.8	3.7		
0+50			5.06			365.4	361.7	3.7		
1+00			5.25			365.2	361.5	3.7		
1+50			5.20			365.2	361.4	3.8		
2+00			5.33			365.1	361.3	3.8		
2+50			5.22			365.2	361.1	4.1		
F.P.L. Conklin			5.16			365.3	361.1	4.2		
2+65			5.41			365.0	361.1	3.9		
M.P.L. Conklin			5.28	S.W. Conklin	368.95'	365.2	361.2	4.0	N.W. Conklin	344.52
0+50			5.20	S.E. Conklin	364.45'	365.2	361.2	4.0		
1+00			5.10			365.3	361.3	4.0		
1+50			5.13			365.3	361.3	4.0		
2+00			5.08			365.4	361.3	4.1		
2+50			4.98			365.4	361.4	4.0		
F.P.L. Central										
0+65	776	372.42		364.66						
M.P.L. Central			6.77	S.W. Central	364.44	365.6	361.4	4.2	N.E. Central	365.17
0+00			6.56	7.78	364.54	365.9	361.59	4.3	7.18	365.24
0+50			6.35			366.1	361.78	4.3		
1+00			6.18			366.2	361.97	4.2		
1+50			5.95			366.5	362.16	4.4		
2+00			5.74			366.7	362.35	4.4		
2+50			5.65	S.E. 4th	365.78	366.8	362.40	4.4	N.E. 4th	366.60
F.P.L. 4th				6.64					N.W. 4th	366.27
0+65				6.29	366.13				6.15	

Sta	H.I.	-	Elev	Rods So. Curbs	Elev So. Curbs	Elev Ground	Elev Bottom Ditch	Cuts	Rods N. Curbs	Elev N. Curbs
	377.53									
2+00		4.31				373.2	369.15	4.1		
2+50		4.11				373.4	369.43	4.0		
3+00		3.91				373.8	369.71	4.1		
3+50		3.23				374.3	369.99	4.3		
4+00		2.95				374.6	370.27	4.3		
E.P.L. 3rd St		2.75				374.8	370.55	4.2		
4+46										
H.P.L. 3rd St	7.40	38090		B.M. S.W. 2nd St	373.56					
0+00		5.52		S.W. Curb 3rd	7.43	373.47	375.4	371.00	4.4	N.E. Curb 3rd 5.59 375.31
0+50		5.22		S.E. Curb 3rd	7.60	373.30	375.7	371.31	4.4	N.W. Curb 3rd 5.38 375.52
1+00		5.21				375.7	371.63	4.1		
1+50		5.06				375.8	371.95	4.0		
2+00		4.84				376.1	372.27	3.1		
2+50		4.59		S.E. Curb Cherokee	5.11	375.79	376.3	372.59	3.2	
E.P.L. Cherokee		4.64		S.W. Curb	4.72	376.18	376.3	372.63	3.2	
2+65		4.18					376.7			
H.P.L. "										
0+00	5.58	383.52		B.M. S.W. Car Storey	377.94	377.91				N.W. Curb Broad 3.93 376.97
				S.W. Storey	5.61					N.E. Curb Broad 4.31 376.59
				S.E. Storey	5.82	377.70				
H.P.L. Cherokee		6.89	376.63			376.63	373.57	3.0		
0+00		6.67	376.85			376.85	373.88	3.0		
0+50		6.32	377.20			377.20	374.20	3.0		
1+00		6.07	377.45			377.45	374.51	3.0		
1+50		5.88	377.64			377.64	374.83	2.8		
2+00		5.76				377.76	375.14	2.7		
2+50		5.60				377.92	375.23	2.7		
E.P.L. Storey										N.E. Storey 5.79 378.23
2+65										N.W. " 5.06 " 378.52

Sta	H.I.	Elev	Rods So Carbs
M.P.L. Storey 0+00	383.57	5.13	
0+50		4.76	
1+00		4.20	
1+50		3.85	
2+00		3.13	
2+50		2.77	
F.P.L. Wilson 2+65		2.59	S.W. Wilson 3.55 S.E. Wilson 3.88
M.P.L. Wilson 0+00		2.30	
0+50		2.05	
1+00		1.93	
1+50		2.08	
2+00		1.95	
2+50		1.97	
F.P.L. Pacific 2+65		1.91	B.M. Swift Pacific 380.87
5.08	385.90		S.W. Carb Pacific 5.10 S.E. Pacific 4.75
M.P.L. Pacific 0+00		4.40	
0+50		4.70	
1+00		4.98	
1+50		5.11	
2+00		5.15	
2+50		5.33	
F.P.L. Swift 2+65		5.40	S.E. Swift 6.47 S.W. Swift 6.69

Elev So Carbs	Elev Ground	Elev Bottom Ditch	Cuts	Rods N. Carbs	Elev N. Carbs
	378.39	375.61	2.8		
	378.76	375.92	2.9		
	379.32	376.24	3.1		
	379.67	376.55	3.2		
	380.39	376.87	3.5		
	380.75	377.18	3.2		
379.97	380.93	377.27	3.6	N.E. Wilson 2.55	380.97
379.64				M.H. Wilson 2.19	381.33
	381.22	377.65	3.6		
	381.47	377.82	3.7		
	381.59	377.99	3.6		
	381.44	378.16	3.2		
	381.57	378.33	3.3		
	381.55	378.50	3.1		
	381.61	378.55	3.0		
380.80				N.E. Swift 3.95	381.95
381.15				M.H. Swift 4.03	381.87
	381.50	378.33	3.2		
	381.20	378.10	3.1		
	380.92	377.87	3.0		
	380.79	377.64	3.2		
	380.75	377.41	3.4		
379.48	380.57	377.18	3.4	M.H. Scanlon 5.42	380.48
379.21	380.50	377.11	3.4	N.E. Scanlon 5.05	380.85

Sta	Sta	+	H.I.	-	Elev	Pods So Carbs	Elev So Carbs	Elev Ground	Elev Bottom Ditch	Cuts	Pods N. Carbs	Elev N Carbs
W.P.L.	W.P.L. Swift		385.90									
0	0+00			5.88				380.02	376.84	3.2		
0	0+50			5.97				379.93	376.80	3.1		
1	1+00			6.07				379.83	376.76	3.0		
1	1+50			6.21				379.69	376.72	3.0		
2	2+00			6.10				379.80	376.68	3.1		
2	2+50			6.18				379.72	376.64	3.1		
2	2+65			6.15				379.75	376.63	3.1		
					EM Scott							
		5.66	384.49		378.83							
W.P.L.	W.P.L. Scott					SW Scott					N.E. Perfect	
0	0+00			4.54		5.68	378.81	379.95	376.58	3.5	4.14	380.35
0	0+50			4.71		5.58	378.91	379.78	376.05	3.8	N.W. Perfect	380.10
1	1+00			5.16				379.33	375.52	3.8	4.39	
1	1+50			5.80				378.69	374.98	3.7		
2	2+00			6.47				378.02	374.45	3.6		
2	2+50			7.25				377.24	373.92	3.3		
2	2+65			7.38		SW Wabash					N.E. Prospect	
						8.84	375.65	377.11	373.76	3.3	7.03	377.46
						SE Wabash					N.W. Prospect	
		3.16	79.23			8.42	376.07				7.67	376.82
W.P.L.	W.P.L. Wabash											
0	0+00											
0	0+50											
1	1+00											
1	1+50											
1	2+00											
2	2+50											
2	E.P.L. 1st											
2	2+65											
							4.93	743.0				
W.P.L.	W.P.L. 1st										3.90	375.33

91.9 82.60

Mission Sta	+	T	-	Elev	Rod	Elev	Elev	Elev	Cuts	Rods	Elev
				37475	So. Cuts S.M. 1st 8.01 S.E. 1st 1.84	Curbs	Ground	Bottom Ditch		N. Cuts	N. Cuts
E. E. Cogan	2.00	376.25	1.55			374.41	374.70	371.32	3.4		
0+00			1.60				374.65	370.80	3.6		
+50			2.12				374.13	370.86	3.3		
1+00			2.72				373.53	370.17	3.4		
+50			3.02				373.22	369.58	3.7		
2+00			4.00				372.25	369.00	3.2		
+50			4.56				371.69	368.41	3.3		
3+00			5.11				371.14	367.83	3.3		
+50			5.73				370.52	367.24	3.3		
4+00			6.20				370.05	366.66	3.4		
+50			6.93				369.32	366.07	3.3		
5+00			7.53				368.72	365.49	3.2		
+50			8.25				368.00	364.90	3.1		
6+00			8.69		SE		367.56	364.22	3.3		
T.P.	5.04	371.72	9.57	366.68	SE						
M.P.L. Mission			8.37		SE						
E.P.L. Mission			7.85		SE						
0+50			7.22		SE						
1+00			6.36		SE						
+50			5.91		SE						
P.L. 1st Orange			5.28		SE						
2+00			5.17		SE						
+50			4.46		SE						
M.P.L. Mabash			3.80		SE						
3+00			3.03		SE						
T.P.	6.35	375.04	3.03	368.69	SE						

N.E. 1st Orange
8.73 367.82
N.W. 1st Orange
9.63 366.62

EPL Wabash +

0+00 H.I. - 375.04 6.35

0+50 5.78

1+00 4.94

1+50 4.09

2+00 3.45

+50 3.03

M.P.L. Scott

3+00 Top Paving 2.18

Rods
So Curbs

H.W. Mabash

383

N.E. Mabash

322

Elev.
South
Curbs

371.21

Elev. Elev. Elev.
Ground Pipe Cuts

368.69 368.57 3.1

369.26 366.89 3.0

370.10 367.00 3.0

370.95 367.71 3.2

371.59 368.43 3.2

372.01 369.14 3.0

372.86 369.86 3.0

Rods

North Elev.

Curbs North

Curbs

	+	HI	-	Elev	Rods	Elev.	Elev.
SW cor 5.00 + Elev B.M.	5.88	353.08		347.20	South Curbs 6.0	So. Curbs 347.08	Center Curbs 347.65 E.P.L. CHAMOS ME.
SW cor Choumone B.M.	5.75	362.33		356.58			E.P.L. CHAMOS ME. 356.86
BN SW cor Mentone	5.91	358.91		353.00	6.26	352.65	

			Rods	Elev	Rods	Elev.	Rods	Elev.	Rods	Elev
		H.L.	So. Carbs	So. Carbs	So. Park Carbs	So. Park Carbs	N. Park Carbs	N. Park Carbs	N. Carbs	N. Carbs
B.M.S. Mar Sierra	4.66	351.84		347.20						
M.P.L. Eudid										
0+00			6.7	345.2	5.5	346.4	5.0	346.9	5.4	346.5
+50			6.7	345.6	6.0	345.9	5.4	346.5	5.3	346.6
1+00			5.9	346.0	5.3	346.6	5.1	346.8	4.8	347.1
+50			6.0	345.9	5.0	346.9	E.P.L. Granada 4.9	347.0	E.P.L. Granada 4.6	347.3
2+00			5.5	346.4	5.1	346.8	M.P.L. Granada 4.6	347.3	M.P.L. Granada 4.8	347.1
E.P.L. Sierra			5.8	346.7	4.6	347.3	4.1	347.8	4.3	347.6
0+00										
M.P.L. Sierra			4.8	347.1	4.6	347.3	3.6	348.3	3.5	348.4
+50			4.6	347.3	3.9	348.0	3.2	348.7	2.8	349.1
1+00			3.9	348.0	3.2	348.7	2.8	349.1	2.8	349.1
+50			3.3	348.6	2.7	349.2	2.5	349.4	2.5	349.4
2+00			2.3	349.6	2.2	349.7	1.9	349.9	1.6	350.3
E.P.L. Menlo			1.6	350.3	1.8	350.1	1.3	350.6	E.P.L. Menlo 1.2	350.7
B.M.S. Mar Montane	5.74	358.74		353.00						
M.P. Menlo										
0+00			8.3	350.4	8.1	350.6	7.5	351.2	5.9	352.8
+50			7.8	350.9	7.8	350.9	7.1	351.6	6.8	351.9
1+00			7.1	351.6	7.1	351.6	6.7	352.0	5.6	353.1
+50			6.5	352.2	6.2	352.5	6.2	352.5	5.3	353.4
2+00			6.6	352.1	5.7	353.0	5.6	353.1	5.4	353.3
E.P.L. Montane			6.3	352.4	5.4	353.3	5.5	353.2	5.3	353.4
B.M.S. Mar Chamaone	5.75	362.33		356.58						
0+00										
M.P.L. Montane			9.7	352.6	8.8	353.5	8.8	353.5	8.5	353.8
+50			9.4	352.9	8.3	354.0	E.P.L. Montavista 8.2	354.1	E.P.L. Montavista 8.2	354.1
1+00			8.6	353.7	7.7	354.6	M.P.L. MV. 7.5	354.8	M.P.L. Montavista 7.3	355.0
+50			8.2	354.1	7.2	355.1			6.9	355.4

	H.I.	Pds So Carbs	Elev So Carbs	Pds So Park Carbs	Elev So Park Carbs	Pds N Park Carbs	Elev N Park Carbs	Pds N Carbs	Elev N Carbs
2+00	362.33	7.5	354.8	6.5	355.8	6.0	356.3	7.1	355.7
E.P.L. Chamouné		6.8	355.5	5.6	356.7	5.6	356.7	6.6	355.7
N.P.L. Chamouné 0+00		5.9	356.4	5.0	357.3	4.8	357.5	5.2	357.1
+50		5.7	356.6	4.8	357.5	4.2	358.1	4.4	357.9
1+00		5.1	357.2	4.2	358.1	3.8	358.5	3.7	358.6
+50		5.0	357.3	4.3	358.0	4.0	358.3	3.9	358.4
2+00		5.2	357.1	4.5	357.8	4.3	358.0	4.3	358.0
E.P.L. Cabrillo		5.5	356.8	4.4	357.9	4.4	357.9	4.1	358.2
B.M.S. W.G. Highland	531 361.45		BM 356.14						
N.P.L. 0+00 Cabrillo		4.7	356.7	3.9	357.5	3.5	357.9	3.4	358.0
+50		4.9	356.5	3.9	357.5	3.5	357.9	3.5	357.9
1+00		5.2	356.2	4.0	357.4	3.5	357.9	3.3	358.1
+50		5.3	356.1	4.0	357.4	3.5	357.9	3.3	358.1
2+00		5.3	356.1	4.1	357.3	3.6	357.8	3.4	358.0
E.P.L. Highland		5.5	355.9	4.0	357.4	3.9	357.5	4.3	357.1
N.P.L. Highland 0+00		5.5	355.9	4.4	357.0	4.0	357.4	4.7	356.7
+50		5.8	355.6	4.8	356.6	4.4	357.0	4.4	357.0
1+00		6.1	355.3	5.1	356.3	3.7	357.0	4.9	356.5
+50		6.4	355.9	5.0	356.4	4.6	356.8	5.3	356.1
2+00		6.6	354.8	5.3	356.1	5.0	356.4	6.0	355.4
E.P.L. Colonial		7.0	354.4	6.4	355.0	6.1	355.3	6.7	354.7

			Rods So Carbs	Elev So Carbs	Rods So Park Carbs	Elev So Park Carbs	Rods Center Street	Elev Center St	Rods N Carbs	Elev N Carbs
B.M. So Car	+	H.I.								
Colonial	3.60	358.32		354.72						
F.P.L. Colonial			3.0	355.3			3.8	354.5	4.4	353.9
0+00										
+50			4.1	354.2			4.7	353.6	5.0	353.3
1+00			4.5	353.8			5.0	353.3	5.3	353.0
+50			5.2	353.1			5.8	352.5	6.4	351.9
2+00			5.8	352.5			6.2	352.1	6.8	351.5
F.P.L. Fairmount			6.3	352.0			6.2	352.1	7.2	351.1

Grades.

W.P.L. Euclid.

0+00

0+50

1+00

1+50

1+66.6 = Granada on South.

2+00

E.P.L. Sierra

2+75

W.P.L. Sierra

0+00

0+50

1+00

1+50

2+00

E.P.L. Mioio

2+74

W.P.L.

0+00

+50

1+00

+50

2+00

+50

E.P.L. Mentone

2+75

So. Subgrade

343.97 344.74

344.37

344.77

345.17

345.24 345.78

345.57

345.77 346.44

346.08

346.36

346.98

347.60

348.22

348.84

349.77 350.54 350.69 350.69

350.07

350.35

350.63

350.90

351.20

351.47

351.62

E Grad. No.

Park Sub, Park Sub.

344.92 344.95

345.87 345.77

346.56 346.55

350.69 350.69

No.

0+00 =

0+36.79

E.P.L. Granada

2+03.09

N.P.L. Granada

0+00

1+10

W

No. See Grade

344.47

344.58

344.60

344.76

344.90

345.07

346.07

346.07

347.28

347.83

348.38

348.93

348.93

348.93

349.48

350.27

351.07

351.40

351.70

352.00

352.36

352.70

352.85

352.85

352.85

353.59

0+00

= 335.97

E.P.L. Modesto

388.5

	So Park Sub Grade	No Park Sub Grade	No. H. Sub Grade
W.P.L. Montone.			W.P.L. Montone
0+00	351.99		353.25
0+52.5V	352.53		E.P.L. of 0+52.52
1+00			Monte Vista 35359
1+12.43	353.15		W.P.L. Monte Vista.
1+50	353.53		0+00=1+12.43 354.12
2+00	354.05		0+50 354.68
2+50	354.56		1+00 355.24
E.P.L. Chamounc			1+50 355.80
2+75	354.84		E.P.L. Chamounc
W.P.L. Chamounc			161.72 355.94
0+00	355.50		W.P.L. Chamounc
0+50	355.68		12+22.6 356.62
E.P.L. Orchard.			E.P.L. Orchard
+61.68	355.72		21.68=0+00 357.32
1+00	355.85		
W.P.L. Orchard.			W.P.L. Orchard.
1+22.6	355.94		0+00=122.6 357.76
1+50	356.03		0+50 357.55
2+00	356.21		1+00 357.34
2+50	356.39		
E.P.L. Caprillo.			E.P.L. Caprillo.
2+75	356.48		151.41 357.12
W.P.L. "			W.P.L. Caprillo 356.84
0+00	356.27		2412.29=0+00
+50	356.11		2+50 356.70
1+00	355.96		3+00 356.49
1+50	355.80		3+50 356.28
2+00	355.64		4+00 356.07
2+50	355.49		4+50 355.85
E.P.L. Highland			E.P.L. Highland. So
2+75	355.41		4+86.10 355.70
0+00	355.15		W.P.L. Highland. So
W.P.L. Highland			5+52.05=0+00 355.42

So.

No

WPL Highland South.
0+00

355.15

0+50

354.98

EPL Highland North
0+91.53

354.85

1+00

354.82

WPL Highland No.
1+52.4V

354.65

2+00

354.50

2+50

354.33

EPL Colonial
2+72.47

354.26

WPL "
0+00

353.76

0+50

353.76

EPL Orange Wd.
0+82.97

352.93

1+00

352.74

WPL " "
1+42.98

352.33

1+50

352.26

2+00

351.76

2+70

351.06

EPL Highland

8+13.58 355.04

WPL Highland.

0+00=1+52.42 354.85

+50 354.35

1+00 353.86

EPL Colonial So

1+20.05 353.66

WPL " 353.07

1+80.05 352.00

2+00 352.87

2+50 352.38

EPL Orange Wd.

2+63 352.25

WPL Orange

0+00=1+42.98 351.55

0+50 351.08

1+00 350.61

EPL Fair Mt.

1+27 350.36

Elizabeth St.

Turrey Pines Rd. Paving

Himali St.

Turrey Pines Rd.
Himali St. Tie pts.
Moore 1-39.

Levels P. 35

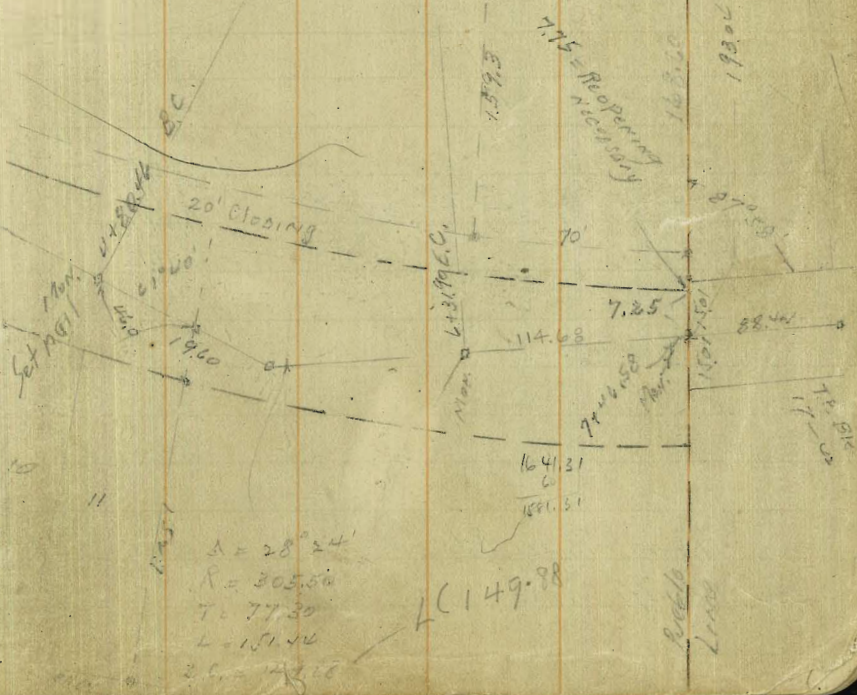
Level 47
S. 1880
H. 1105
H. 1105
Rd Cross Section
1-29-39

LC 135.43 BC

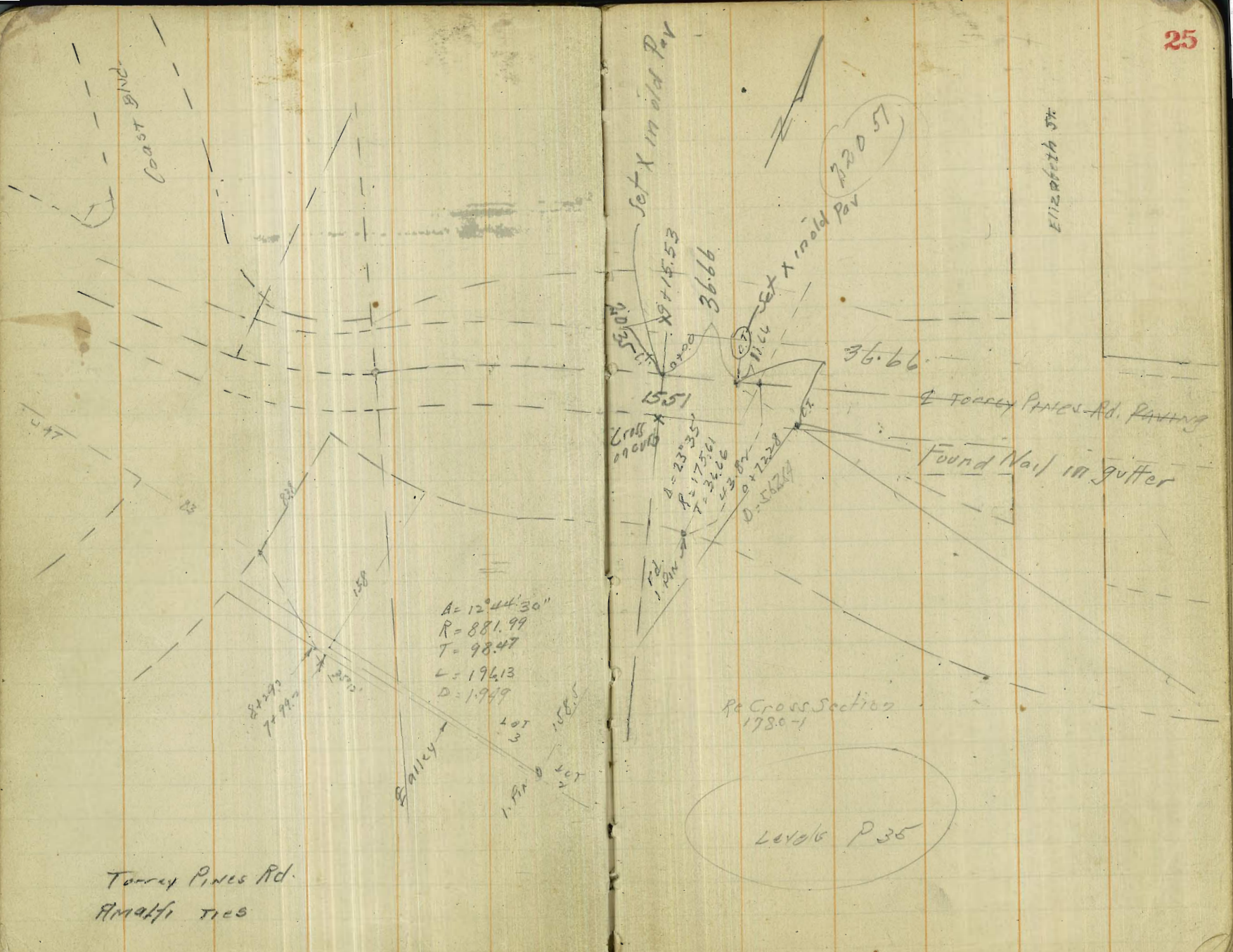
$\Delta = 20^{\circ} 52' 30''$
 $R = 959.66$
 $T = 176.78$
 $L = 349.61$

Princess St.

1st West
of Pt. in road

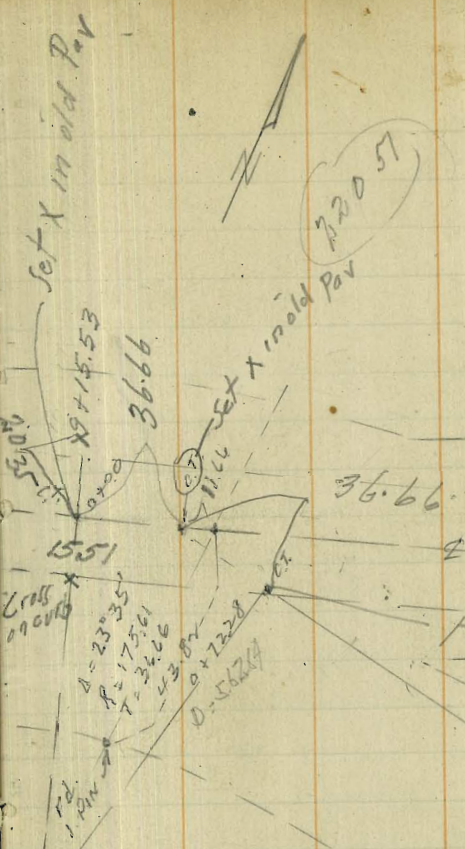


$\Delta = 28^{\circ} 24'$
 $R = 305.66$
 $T = 77.30$
 $L = 151.44$
 $L = 149.98$



Talley Pines Rd.
Amalfi Ties

A = 12°44'30"
R = 881.99
T = 98.47
L = 196.13
D = 1.949



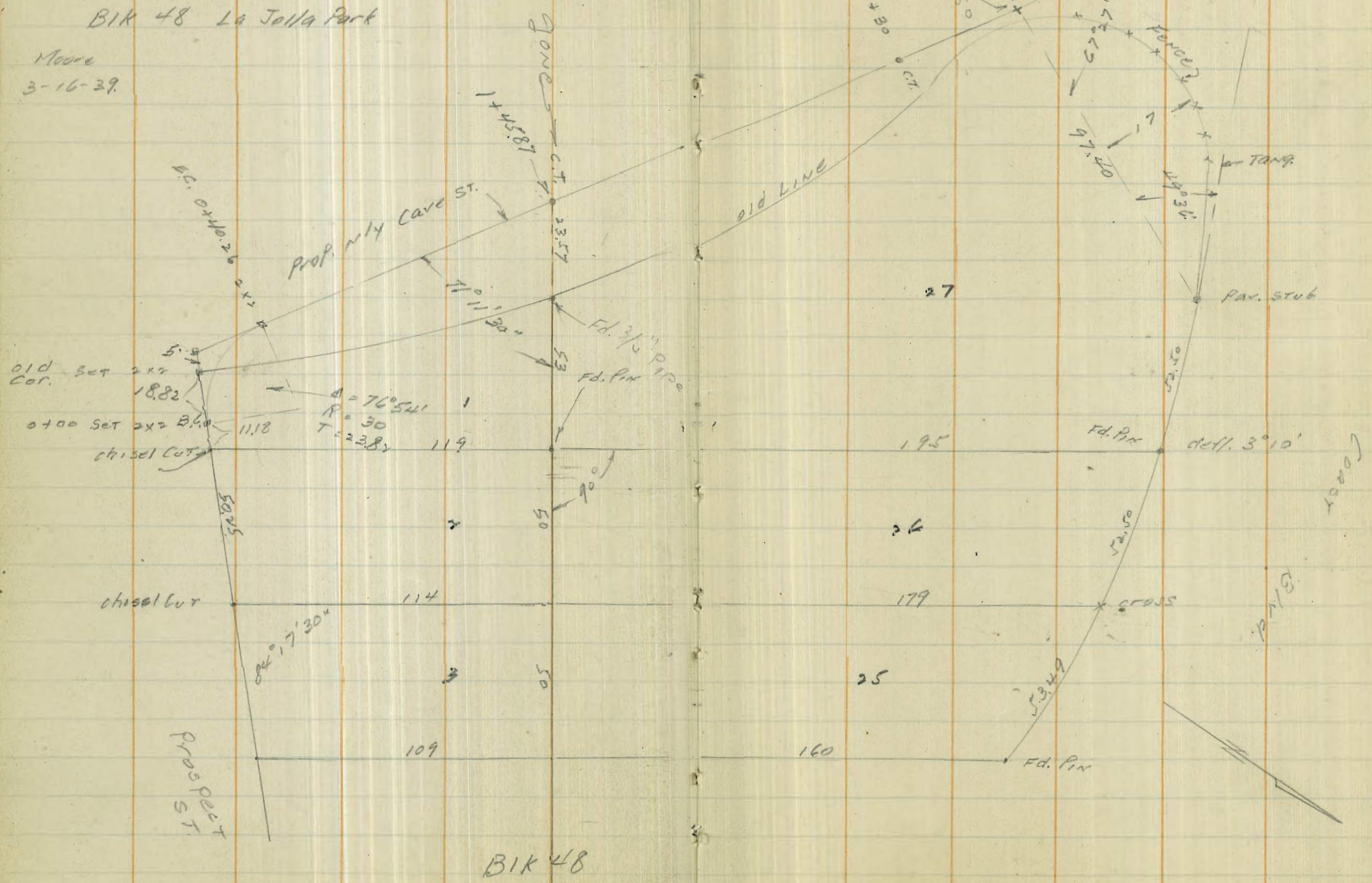
Elizabeth St

Re Cross Section
1780-1

Levels P36

Proposed Closing of Portion
of Cave St. Bet. Prospect & Coast Blvd.
BIR 48 La Jolla Park

Moore
3-16-39



BIR 48

Location & Levels
of Dam Spillway Switzer Creek Dam
Sly Balboa Park at 20th St.

Moore
Sisson
Northern 30
4-21-39.

1+67 N/W edge of 8" Cor. Caping wall

1+36 end Ret. Wall

1+28.1

1+18.1 angle of Ret. Wall.

0+86.9 int. of face of Ret. Wall

0+84 = only LINE PAINT STOP

see P.B. 1389-65

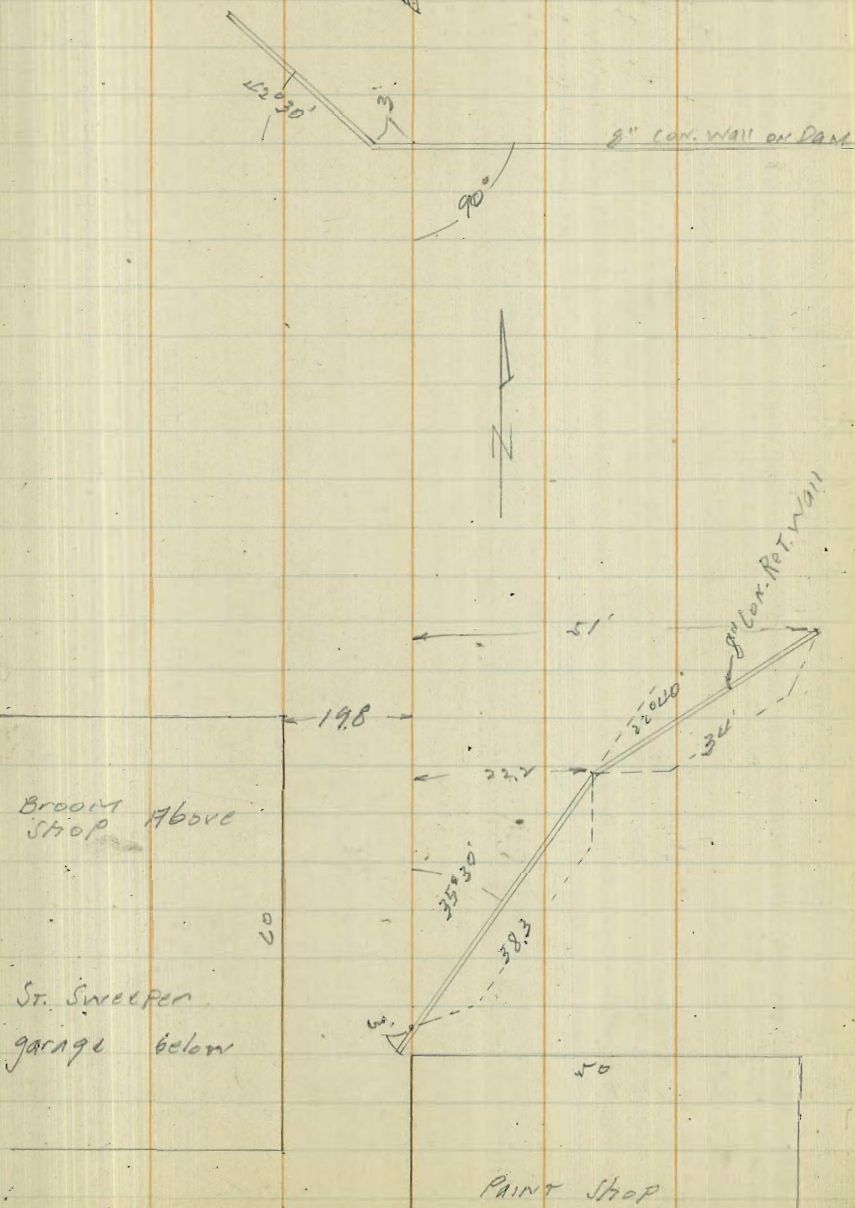
8-18-36 } = original

Miller

" " 1537-1

2-9-37 } = after washout

Flood of 2-6-37.



Spillway Levels

4-21-39 = Present & Original = 8418.36

T.P. ^{Top} Dam Spillway 11.05 84.96 0.96 73.91 30' RT of 1+67

1+28.1 original

544/30 6.98/19.8 Pav 6.25/70 5.23 4.93/15 3.61/30 1.85/38 Pav + 1.0/38 Top Wall

1+18.1

8.94/22 8.65/50 7.74/73 6.79 6.17/10 5.07/22.4 Pav 3.10/22.2 Top Wall angle

1+07 original

8.86/20 7.48 6.09/14.7 Pav 4.10/14.2 Top Wall

1+00

9.11/20 Pav 7.80 Pav 6.69/7.3 Pav 4.98/9.3 Top Wall

0+86.9

9.36/30 9.04/6 Pav 7.74/0.85 Pav 5.31 Top Wall 8.0/1 ground 6.7/2.5

0+84

9.47/30 Pav 8.91/4 Pav 8.06/2 Pav 8.78 Pav 8.7/5.5

T.P. 9.43 74.87 6.20 65.44

SE. B.M. B.P. 1.41 71.64 70.23 20th & B St. City Datum 74.87

Note! Rods taken RT. & LT. at 90° unless shown otherwise

LT.

Baseline

RT.

31

1+79

$\frac{4.1}{50}$ $\frac{48}{28}$ $\frac{7.46}{16}$ $\frac{11.05}{18}$ 154 DAM APPROX
 Top Subbank
 Top Wall
 Bot Wall
 Baseline
 Pt.

1+70

$\frac{7.5}{50}$ $\frac{84}{50}$ $\frac{9.45}{17}$ $\frac{11.16}{17}$ 123 DAM APPROX
 Top Wall
 Bot Wall

1+67

original
Nly edge Caping wall of DAM.

$\frac{6.64}{50}$ $\frac{78.2}{40}$ $\frac{10.03}{20}$ $\frac{11.33}{30}$ $\frac{11.10}{30}$ $\frac{11.05}{35}$ $\frac{9.4}{74}$ TOP WALL
 P P P P P P P

1+63

original

$\frac{4.93}{50}$ $\frac{8.19}{40}$ $\frac{10.76}{30}$ $\frac{11.33}{30}$ $\frac{11.05}{30}$ $\frac{11.03}{55}$ $\frac{8.7}{75}$ $\frac{7.0}{100}$
 P P P P P P P P

$\frac{4.7}{80}$ $\frac{6.2}{100}$ TOP DAM
 ↘

1+55

original

$\frac{8.85}{40}$ $\frac{10.26}{30}$ $\frac{11.34}{20}$ $\frac{11.78}{30}$ $\frac{11.66}{35}$ $\frac{11.46}{35}$ $\frac{11.24}{45}$ $\frac{10.60}{55}$ $\frac{9.38}{65}$ $\frac{7.4}{75}$
 P P P P P P P P P P

1+41

original

$\frac{10.08}{50}$ $\frac{13.03}{20}$ $\frac{13.35}{30}$ $\frac{13.13}{15}$ $\frac{13.51}{35}$ $\frac{11.54}{45}$ $\frac{6.44}{61}$ $\frac{6.6}{80}$ GROUND
 P P P P P P P P TOP DAM

1+36

$\frac{13.64}{28}$ $\frac{14.38}{20}$ $\frac{14.21}{30}$ $\frac{13.86}{15}$ $\frac{12.77}{35}$ $\frac{11.17}{45}$ $\frac{8.78}{51}$ $\frac{5.74}{51}$ TOP WALL
 P P P P P P P P

84.96

84.96

0.45 74.36

73.91 T.P.

TOP DAM 30' RT 1+47 P 21

14.27 60.09 CITY DAM F.L. 5' CON. PIPE AT INLET ON DAM

check to BM.

2.14 70.23 70.23

T.P. 4.94

72.37

8.80

65.45

T.P. TOP DAM
SPILLWAY

0.34

74.25

11.05

73.91

1+98

84.96

TOP OF BANK
1+47

4.3

1+47

TOP END
WALL

9.0

1+38

15.0

1+20

20.9 - DAM APRON

84.96

?

17000
5-1-39

Levels on HMAIFI, Torrey Road Ely
to 30' St. in Rose Prop. Princess St. closed

0 + 54.21

0 + 36.14

0 + 18.07

0 + 00 x P.C.C. = 9 + 15.53 E.C. Torrey Road Sta.

0 - 18.07

T.P.	7.84	103.03	10.08	95.19
NW 8P	8.95	105.27		96.34

Viking
Torrey Rd.

LT ♀ RT 35

6.07 3.4 2.6	6.89 5.4 1.49	6.77 PAV	6.37 7.1 9.47	5.89 7.1 1.28	5.1 1.8	11 2.3
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2.96 18.6 15.6	5.37 18.6 13.23	5.00 PAV	5.07 11.6 9.47	4.70 11.4 6.7	6.7 7.8	1.4 2.2
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3.58 15.7 12.1	3.97 15.7 11.73	3.60 PAV	3.77 14.4 9.47	2.46 14.4 11.94	2.0 2.0
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2.48 1.5 9.47	3.37 CT. PAV	100.11	2.67 1.5 9.47	2.28 1.5 6.6	4.2 1.7	30 1. PAV E.C.
---------------------	--------------------	--------	---------------------	--------------------	------------	----------------------

1.41 9.47 1.5	1.17 PAV	1.45 1.5 9.47 PAV	1.15 1.5 1.6
---------------------	-------------	----------------------------	--------------------

103.03
7

2 + 75

2 + 50

2 + 00

T.P.

0.17

91.01

12.19

90.84

1 + 50

1 + 00

0 + 72.38 E.C. C.T.

103.03

LT

RT

RT

36

$\frac{10.1}{25}$ $\frac{10.1}{20}$ $\frac{7.0}{15}$ $\frac{6.0}{12}$ $\frac{7.0}{10}$ 6.5 $\frac{5.6}{12}$ $\frac{4.3}{16}$ $\frac{4.5}{23}$ approx. E.C.

$\frac{2.6}{30}$ $\frac{2.4}{22}$ $\frac{4.4}{18}$ 4.5 $\frac{4.2}{11}$ $\frac{+1.5}{16}$ $\frac{+3.3}{25}$

$\frac{2.6}{20}$ 2.5 $\frac{2.4}{7}$ $\frac{+2.4}{16}$ $\frac{+4.9}{33}$ approx. E.C.

$\frac{91.01}{3}$

$\frac{12.0}{27}$ $\frac{12.6}{17}$ 12.0 $\frac{12.0}{4}$ $\frac{7.2}{9}$ $\frac{4.6}{20}$

$\frac{985}{25}$ $\frac{943}{11.6}$ 86 $\frac{7.8}{3}$ $\frac{4.0}{8}$ $\frac{+1.3}{29}$ approx. E.C.
Par. Torrey Rd Par.

$\frac{776}{75.5}$ 755 $\frac{7.55}{84}$ $\frac{7.18}{0.4}$ $\frac{5.2}{12}$ $\frac{3.3}{22}$
Par. Torrey Rd Par. 907 66

$\frac{103.03}{3}$

4+50

T.P. 12.27 101.38 1.90 8911

4+00

3+50

3+18.5 16" C.V.N.

3+00

LT

Z

RT

37

$\frac{8.1}{34}$

$\frac{12.6}{27}$

$\frac{13.0}{13}$

12.5

$\frac{11.0}{13}$

$\frac{10.5}{30}$

$\frac{101.38}{2}$

$\frac{0.0}{30}$

$\frac{2.1}{25}$

$\frac{4.4}{13}$

6.4

$\frac{5.6}{15}$

$\frac{4.5}{30}$

$\frac{7.0}{25}$

$\frac{8.6}{10}$

8.4

$\frac{8.8}{12}$

$\frac{12.4}{20}$

$\frac{12.6}{30}$

$\frac{8.3}{9}$

Embank

8.5

$\frac{8.2}{9}$

$\frac{16.7}{21}$

FL INLET

$\frac{18.6}{29}$
FL. outlet
16" Wood
Stave Pipe
C.V.N.

$\frac{17.4}{25}$

$\frac{8.7}{10}$

8.1

$\frac{8.0}{10}$

$\frac{11.5}{20}$

$\frac{10.4}{25}$

6 + 20

 $9.1 \quad \frac{9.1}{12} \quad \frac{3.5}{17} \quad \frac{0.0}{29}$ approx E.L.

5 + 94.06

 $\frac{16.1}{30} \quad \frac{11.5}{15} \quad 11.7 \quad \frac{11.5}{5} \quad \frac{3.4}{11} \quad \frac{0.0}{25}$

T.P. 12.10 113.23 0.25 101.13

 $\frac{113.23}{9}$

5 + 56.18

 $\frac{3.4}{35} \quad \frac{3.1}{20} \quad 3.4 \quad \frac{3.4}{4} \quad \frac{+3.7}{9} \quad \frac{+7.1}{22}$ approx E.L.

5 + 18.32

 $\frac{6.4}{34} \quad \frac{6.5}{20} \quad 7.0 \quad \frac{7.0}{5} \quad \frac{2.2}{7} \quad \frac{+0.8}{20} \quad \frac{+4.0}{30}$

4 + 80.46 B.C. LT.

 $\frac{10.4}{32} \quad \frac{18.2}{17} \quad 9.9 \quad \frac{9.4}{11} \quad \frac{7.1}{15} \quad \frac{1.2}{32}$ approx E.L.

101.38

 $\frac{101.38}{9}$

12498
 483
 120.15
 0.54
 120.72
 12.98
 107.76
 65
 108.41
 12.08
 121.33
 96.32
 25.01

7 + 78.5

7 + 46.58 Sly edge ^{wide} 24" oil rock Pav.
 3"

T.P. 12.40 12498 0.45 112.58

7 + 00

6 + 50 16" Wood Stave Pipe Culv. ^{outlet}
 Covered
 with trash

6 + 31.90 F.C.

113.23

39

LT ♀ RT

94m → 4.65
 cont. fl. 75

4.93
 12
 109.20

4.65
Pav.

5.05
 15 Pav.

5.4
 9 Pav.

5.0
Pav.

5.5
 17 Pav.

S. edge is
 Cor. wait

7.80
 15

7.86
 12.6

8.6

9.0
 15

12498
 7

9.7
 28

3.1
 7

2.0

2.3
 25

17.3
 30

16.3
 20

7.4
 3

7.0

7.0
 21

4.1
 23

7.5
 30

9.2
 37

in lot
FL.

10.0
 25

8.3

7.8
 15

5.0
 25

113.23

0+40

71.9 ^v	74.4 ^v	74.9 ^v	73.3 ^v	73.2 ^v	75.0 ^v	77.4 ^v
3.2	0.9	2.2	1.5	0.3	+2.1	
Top DAM 60	50	25	20	20	30	25

41

0+29.75 Sect. at 90° with Spillway

78.4 ^v	74.9 ^v	73.80	73.53	73.7 ^v	75.7 ^v	80.4 ^v
+3.10	0.2	1.5 ^v		1.60	+0.40	+5.10
Top DAM 70	55	30	1.79	1.3	17 Top 8" wall	33 Top DAM

0+29.75 SECTION to left on line of 8" coping wall

73.88	73.88	73.53
1.44	1.44	1.79
Top wall 25	27	

← CITY 5' EL.
 This should have been used on P. 43
 See P. 43

0+11.7 Top Headwall 5.8 wide & 24°58'

65.7 ^v	66.46	65.8 ^v
DAM 9.6		DAM 9.5
OK APRON 6	8.86	25 Bot. edge APRON

0+11.7 Top inlet Pipe Headwall Δ 24°58' LT.

65.61	60.09	65.61
9.71	15.23	9.71
TOPWING 2.5	FL. 5' APRON	2.5 TOPWING

0+03.3 edge inlet Con. APRON

61.99	60.96	60.9	61.06	62.06
13.33	14.36	14.44	14.26	13.26
TOPWING WALL 7.7	7.7	APRON 7.7	7.7	7.7 TOPWING WALL

T.P. TOP DAM 1.41 75.34 73.91

75.37

P 33

LT

S
SPRINTWAY

RT

42

1715

	65.74	65.41	65.41
N.W. Cor Paint Shop	$\frac{9.6}{13}$	9.91	$\frac{9.91}{9}$ gar. floor

0795

	69.86	68.8	66.65	65.70
Top wing wall	$\frac{5.46}{17.5}$	$\frac{7.26}{17.5}$	8.67	$\frac{9.67}{13}$ gar. floor

0775

	71.77	69.84	68.28	67.74	66.10
Top wall at angle	$\frac{3.55}{26.5}$	$\frac{5.50}{26.5}$ Bottom wall	7.04	$\frac{7.60}{17}$	$\frac{9.27}{17}$ gar. floor

0755

	77.74	74.24	71.74	71.75	72.94	74.74	77.34
	$\frac{+2.4}{44}$	$\frac{1.1}{44}$	$\frac{3.6}{30}$	3.57	$\frac{2.4}{20}$	$\frac{0.4}{35}$	$\frac{+2.0}{50}$
TOP WING WALL				75.34			

SWITZER DAM Looking Down Stream
 Profile across 1939 Spillway

Williams May 18, 1939
 Miller.

43

B.M. 0+29.75
 73.53.

5.95 74.48

0+70 E	0.98	78.50	Top DAM
+60	5.14	74.29	
+50	6.28	73.40	
+40	6.23	73.25	
+30	6.00	73.48	
+20	5.90	73.58	
+10	5.99	73.49	
0+00	5.92	73.56	1.85 of B.L.
+05 W	5.86	73.62	
+10 W	3.26	76.22	
+17.95 W	0.98	78.50	West wing Wall of Dam oiled.

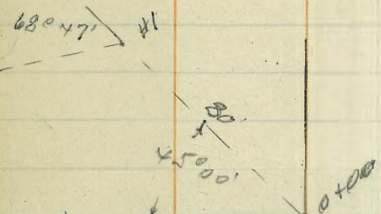
Total length 87.95

Stadia Survey of Drainage
Area of 18th + C St Basin

Moore Notes
Sisson Inst
Northern Rod
7-11-39

H.I. City Datum, 8th
SWBP 10.98 95.18 84.20 Bdry
5.10 94.45 583 89.35 NWly

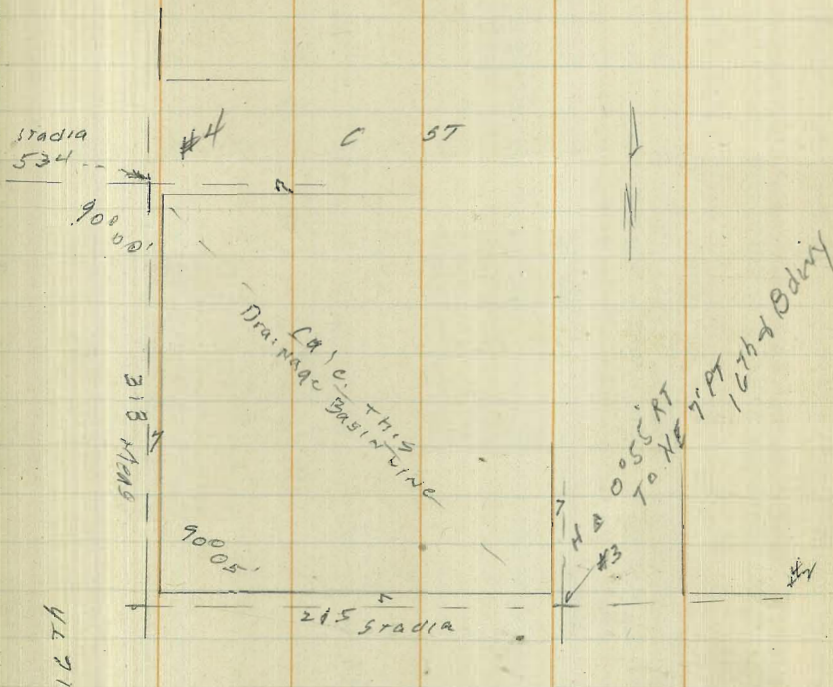
Com. Top Cont. Return 19th + Bdry.



Broadway

19th St
Rod
5.10
CONSTANT

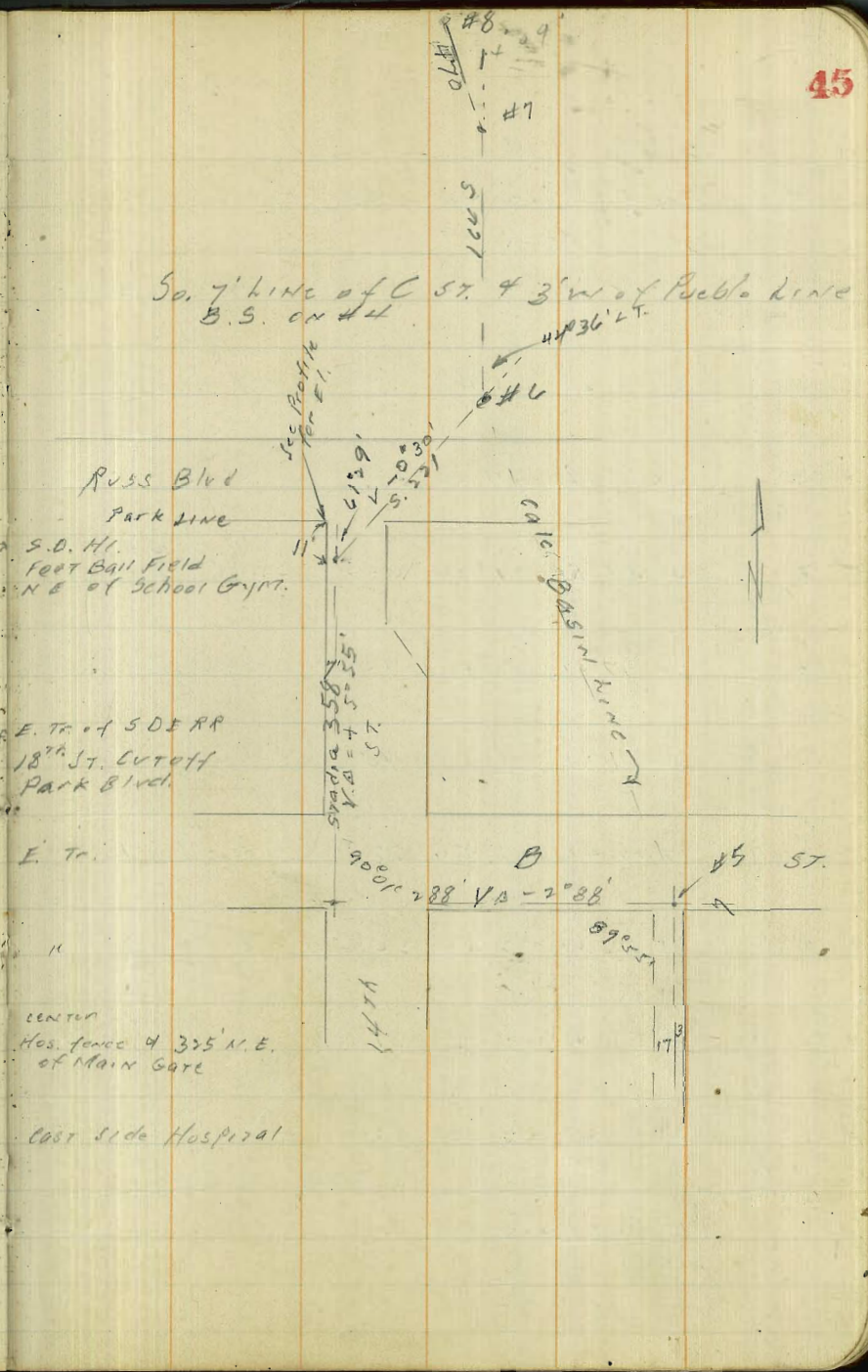
	H A	V A	Stadia	Diff. Eleo	Hor. Dist.
0+00	45° 00'	-1° 10'	80	-1.63	79.97
#1	68° 47' Lt.	-0° 35'	147	-1.51	145.0
#2	22° 51' Rt.	-3° 35'	361	-22.5	359.7
#3	0° 55' Rt.	-2° 05'	215	-7.81	214.7



NW 7' PT. 17th + Bdry

M A V A Sradia

#4	See P 44	+2°40'	534	+24.8	532.8
#5		90°04' RT + 4°53'	383	+32.4	377.3
#6	See sketch	0°00'	164		164.0
#7		14°09' LT + 2°42'	470	+22.12	469.0
#8 OUT	67°47' RT + 0°44'	404		5.16	403.9
#8	13°00' RT + 1°40'	407		747.6	601.5
P.O.T.		+1°25'	748	+18.5	747.6
#9	35°19' RT + 1°59'	352		351.6	10' E of E. Tr.
#10	11°13' RT + 2°02'	563		562.3	" " "
#11	108°12' RT - 0°30'	303		303.0	center Hos. fence 4 325' N.E. of Main Gate
#12	2°11' RT - 2°10'	371		370.5	slightly Drive East side Hospital
#13	6°50' RT - 0°45'	715		714.9	
#14	79°43' LT - 1°55'	355		354.6	



cont'd. P 48

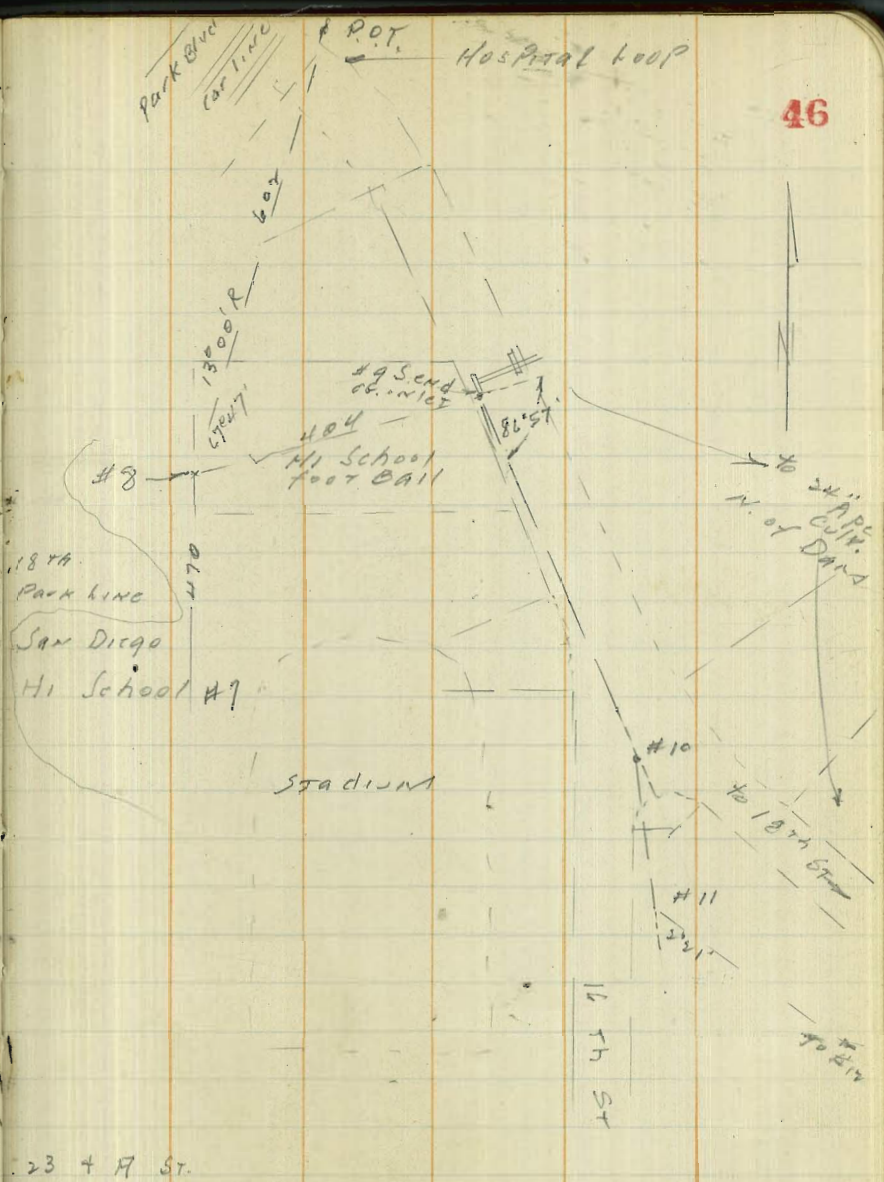
H & V C Stadia

# 9	86° 57' RT - 2° 40'	243	- 11.30	242.9
# 10	1° 48' RT - 2° 12'	477	- 18.3	476.3
# 11	2° 21' LT - 1° 50'	344	- 10.0	343.7
# 12	46° 26' LT - 9° 00'	333	- 51.46	324.9
# 13	3° 35' RT - 1° 30'	442	- 11.56	441.7
# 14	24° 17' LT + 2° 15'	740	+ 29.0	738.9
# 15	104° 19' RT + 13° 15'	75	+ 16.7	71.1
# 16	17° 22' LT + 7° 50'	77	+ 10.40	75.57
# 17	81° 10' LT + 4° 50'	244	+ 20.5	242.3
# 18	33° 57' RT + 5° 03'	37	+ 3.24	36.72
# 19	39° 43' LT + 3° 00'	164	+ 8.6	163.5

20 = SW 7' Pt 24 76 4 Ft 57

Thence contd. P 47

S 14 to # 21

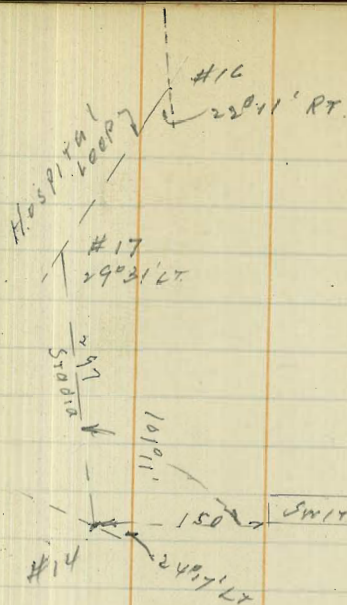


from ^{pts} H A V A stadia

#15	76°10' RT	-0°45'	557	-7.2	549.9
#16	22°11' RT	-7°54'	490	-93.9	677.2
#17	29°31' LT	-5°02'	497	-25.8	294.8

→ to #14 150 W of DAM

#13



Cross Section Alleys Blk 121 Chain Hts
 Howard - El Cajon - Utah - Idaho
 East & West Alley

Indexed
 C.S.K.

Dec 7-39
 Sisson
 Osborn
 Chapman

49

BM	4.15	379.12	374.97	N.E.B.P. El Cajon/Idaho
TP	5.38	379.91	4.57	374.53

0-14 = 1/2 Cb of Utah

H-5.5 = Alley Ret B C Top	6.48	373.43
Gutter on Pav	7.07	372.84
H	7.04	372.87
L	6.92	372.99
+9.2 = Ret E.C. Top	6.31	373.60
Gutter on Pav	6.93	372.98
S	6.93	372.98

0+0 = 1/2 Utah

S	6.1	373.8
+2.8 Top Existing Cb	6.23	373.68
Gutter on Pav	6.35	373.56
L	6.54	373.37
H	6.40	373.51
+2.5 Top Existing Cb	6.24	373.67
Gutter on Pav	6.32	373.59

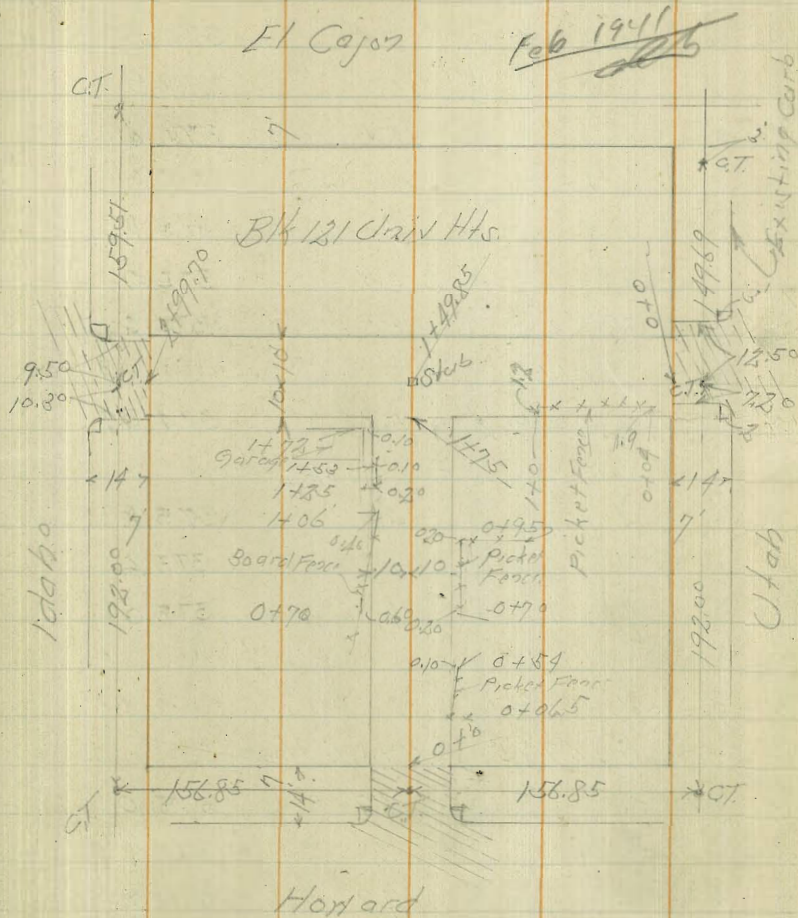
0+0.4

S +2.6 = Sty Corner Pole

0+1.5

H	5.6	374.3
S	5.6	374.3
S	5.7	374.2

Red. & Plot. Dec. 7-39 C.B.M.



37991		
	0+5°	
S	5.4	374.5
Z	5.0	374.9
N	5.1	374.8
	1+0	
N	4.8	375.1
Z	4.9	375.0
S	5.0	374.9
	1+16	
N-2 = Fly Conc Slab	5.34	374.57 ✓
	1+39.85 = Fly N+S Alley	
S	4.8	375.1
Z	4.7	375.2
N	4.9	375.0
	1+41	
N-2 = Fly Tol. Pole		
	1+49.85 = Fly N+S Alley	
N	4.9	375.0
Z	4.8	375.1
S	4.9	375.0
	1+59.85 = Fly N+S Alley	
S	4.9	375.0
Z	4.9	375.0
N	5.1	374.8

37991		
	1+6°	
S+0.5 = Fly Paper Pole		
	1+76	
S-2.3 = Fly Garage Conc Floor	4.68	375.23 ✓
	1+95	
-0.3 = Fly Garage Dirt Floor	4.8	375.1 ✓
N	4.8	375.1
Z	4.8	375.1
S	4.6	375.3
	2+0	
N-0.3 = Fly 4 Car Garage	4.7	375.2 ✓
	2+28	
S-3.7 = Fly Garage Conc Floor	3.85	376.06 ✓
S	0.7 Conc Apron	4.19
S+1.5 = Fly " "	4.30	375.61 ✓
	2+33	
N-0.5 = Fly 4 Car Garage D.F.	4.4	375.5 ✓
N-0.5 = Fly Edge 3 Conc	4.17	375.74 ✓
	2+47	
S = Fly Conc Apron	4.24	375.67 ✓
+1.5 = Fly " "	4.27	375.62 ✓
Z	4.3	375.6
N	4.6	375.3

379.91

2+57

N-02 = 1/2 Garage D.F. 4.4 375.5 ✓

-13 = Nly Top Polc

N 4.6 3753

L 4.6 3753

S 4.2 3757

2+9970 = E L Idabo

S-03 Top Cb 5.33 374.59 ✓

Gutter 5.48 374.43 ✓

L on Paving 5.72 374.19 ✓

Gutter " 5.88 374.03 ✓

+9.50 = N Alley Ret 5.58 374.33 ✓

3+13,70 = E Cb Idabo

N on Paving 6.18 373.73 ✓

L " " 6.16 373.75 ✓

S " " 6.29 373.62 ✓

379.91

0-14 = N Cb Hayward

E on Paving 6.58 373.33 ✓

L " " 6.67 373.24 ✓

N " " 6.75 373.16 ✓

0+0 = N L Hayward

N Top Cb 6.26 373.65 ✓

Gutter on Paving 6.62 373.29 ✓

L " " 6.69 373.22 ✓

Gutter " " 6.46 373.45 ✓

E Top Cb 5.95 373.96 ✓

0+11

F 5.4 374.5

+1.5 = Ely Top Polc

L 5.7 374.2

N 5.3 374.6

0+30

N 4.9 375.0

L 4.7 375.2

E 5.0 374.9

0+61

-6 = 1/2 Garage Conc Floor 4.54 375.37 ✓

-3 = Nly Conc Approx 4.66 375.29 ✓

E 4.6 375.3

L 4.6 375.3

N 4.8 375.1

Redy Plot Dec-8-39 COH

37991

0+76

W + 1.0 = Wly Pole - Pole

1716

-1.8 = 2 Du. Garage Dirt	4.2	375.7	✓
	Foot		
W	4.2	375.7	
Z	4.5	375.4	
F	4.6	375.3	

1753

F	5.0	374.9	
---	-----	-------	--

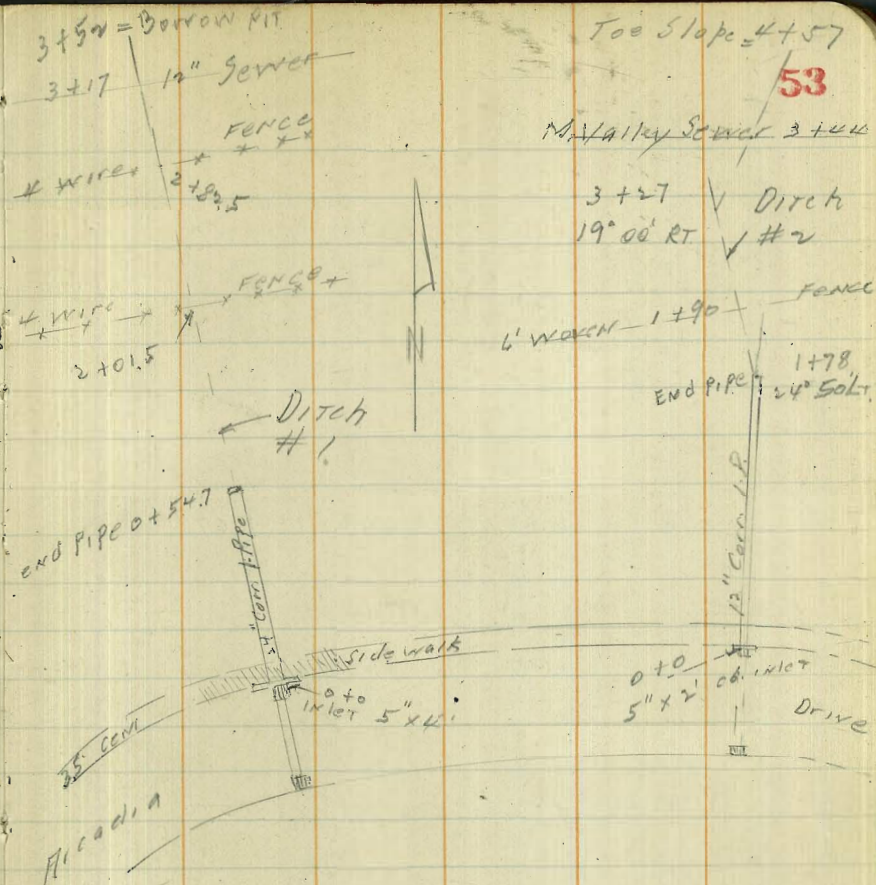
+1.5 = Fly Tvl. Pole

Z	4.7	375.2	
W	4.7	375.2	

INDEXED
EF 3

Xsec of storm ditches at
end of pipe drains N
of Arcadia Dr.

Moore
2-9-40



Xsec of Ditch #1

T.P. 0.15 137.54[✓] 12.71 137.39

1 + 00

0 + 90

T.P. 0.43 150.10[✓] 12.69 149.67

0 + 81

0 + 60

T.P. 0.09 162.39⁶ 12.89 162.27

0 + 54.7 outlet 24" pipe

T.P. 0.43 175.16[✓] 12.79 174.53

T.P. 0.41 187.32[✓] 12.79 186.91[✓]

0 + 03.5

0 + 00 5" x 4" curb inlet on Arcadia Dr

2 6" inlet 0.70 199.70[✓] 199.0 Top curb

L.T.

ROSEHILL

R.T.

136.5 [✓]	135.1 [✓]	136.2 [✓]	136.1 [✓]	136.9 [✓]
$\frac{11.6}{5}$	$\frac{15.0}{4}$	13.9	$\frac{14.0}{1}$	$\frac{11.2}{3}$
5.4 [✓]	142.5 [✓]	142.5 [✓]	142.5 [✓]	145.0 [✓]
$\frac{5.4}{6}$	$\frac{7.6}{4}$	7.6	$\frac{7.6}{1}$	$\frac{5.1}{3}$

150.0 [✓]	144.8	150.10 [✓]	142.8	150.0 [✓]
$\frac{12.6}{4}$	$\frac{17.6}{1}$	17.6	17.6	$\frac{12.6}{5}$
159.2	154.9	154.9	155.0	159.8 [✓]
$\frac{3.7}{6}$	$\frac{7.5}{2}$	7.5	$\frac{7.4}{1}$	$\frac{2.6}{4}$

162.7 [✓]	162.36 [✓]	162.0 [✓]
$\frac{12.5}{5}$	12.1	$\frac{11.2}{5}$

175.16[✓]

199.0[✓]
0.70 edge walk

1.24[✓] or iron grate 199.3[✓] 647 Bot. Box

199.70[✓]

T.P. 0.30 86.98 12.81 86.68

2 + 10

2 + 00

T.P. 0.12 99.49 12.44 99.37

1 + 80

1 + 70

1 + 60

T.P. 0.17 112.03 12.99 111.86

1 + 50

T.P. 0.14 124.85 12.83 124.71

1 + 33

1 + 20

137.54

LT

D.I

PT

87.3 ✓ 80.1 ✓ 80.1 ✓ 87.3 ✓
 $\frac{12.2}{9}$ $\frac{19.4}{5}$ 19.4 $\frac{12.2}{5}$

92.3 ✓ 83.3 ✓ 63.3 ✓ 89.9 ✓ 93.3 ✓
 $\frac{7.2}{15}$ $\frac{16.2}{10}$ $\frac{14.2}{7}$ 9.6 $\frac{4.2}{5}$

99.49 ✓

98.9 ✓ 90.0 ✓ 95.0 ✓ 99.8 ✓ 99.8 ✓
 $\frac{13.1}{25}$ $\frac{22.0}{13}$ $\frac{17.0}{4}$ 12.2 $\frac{12.2}{5}$

104.4 ✓ 100.0 ✓ 93.9 ✓ 99.1 ✓ 101.3 ✓ 104.0 ✓
 $\frac{7.4}{25}$ $\frac{12.0}{20}$ $\frac{18.1}{18}$ $\frac{12.9}{13}$ 10.7 $\frac{9.0}{5}$
 106.7 ✓ 98.8 ✓ 100.6 ✓ 102.3 ✓ 108.0 ✓ 108.5 ✓
 $\frac{3.3}{25}$ $\frac{13.2}{17}$ $\frac{11.4}{11}$ $\frac{9.2}{16}$ 4.0 $\frac{3.5}{5}$

112.1 ✓ 107.8 ✓ 107.8 ✓ 111.8 ✓ 112.03 ✓ 112.2 ✓
 $\frac{12.7}{16}$ $\frac{17.0}{15}$ $\frac{17.0}{14}$ $\frac{13.0}{13}$ $\frac{112.6}{12}$ $\frac{12.6}{5}$

124.4 ✓ 117.3 ✓ 117.1 ✓ 124.85 ✓ 124.3 ✓ 124.3 ✓
 $\frac{13.1}{14}$ $\frac{20.2}{11}$ $\frac{20.4}{9}$ $\frac{16.9}{8}$ 15.2 $\frac{15.4}{5}$

128.7 ✓ 125.8 ✓ 125.8 ✓ 125.9 ✓ 130.0 ✓
 $\frac{8.8}{4}$ $\frac{11.7}{2}$ 11.6 $\frac{11.6}{1}$ $\frac{2.5}{3}$

137.54

3+54 Bot. Borrow Pit

T.P. 1.07 51.03 12.74 49.96

3+60 Top Borrow Pit

3+54

3+17 INT. of M.V. Sewer 12" P

T.P. 0.68 62.68 14.87 62.00

2+90

2+72

T.P. 0.70 74.87 12.81 74.17

2+60

2+30

86.98

LT

RT

RT

34.8
14.2
20

34.6
16.4

34.5
14.5
20

51.03

55.0
7.7
6

50.3
12.4

41.3
21.4
8

43.3
19.4
15

50.1
8.6
16

56.0
6.7
5

55.5
7.2

41.1
21.6
5

41.9
21.5
10

55.4
7.5
13

59.0
3.7
5

59.0
3.7

58.7
4.0
7

53.7
9.0
8

53.7
9.0
10

58.7
4.0
11

TOP
SEWER

62.68

66.4
8.7
3

66.0
8.9

65.7
9.7
10

63.1
4.8
11

65.3
9.6
12

70.7
4.2
2

69.3
5.6

70.2
4.7
4

74.87

73.8
13.2
5

71.9
15.1
4

71.9
15.1
3

73.1
13.9
2

73.6
13.4

73.6
13.4
5

82.5
4.5
7

77.5
9.5
1

77.5
9.5

77.5
9.5
3

82.5
4.5
5

86.98

Ditch #2 Levels backed up

3 + 55

T.P. 12.45 62.43 1.05 49.98

3 + 85

4 + 10

4 + 20 Bench out section

4 + 30

4 + 50

4 + 57 Toe slope of M.V.

51.03

LT = W

RT = E

56.7	53.6	53.6	53.9	56.3
$\frac{5.7}{5}$	$\frac{88}{2}$	88	$\frac{2.5}{4}$	$\frac{4.1}{4}$

57

62.43

46.8	45.6	45.7	46.6
$\frac{4.2}{3}$	5.4	$\frac{5.3}{6}$	$\frac{4.4}{7}$

40.0	39.8	40.2
$\frac{11.0}{5}$	11.2	$\frac{10.8}{5}$

36.0	36.0	36.0
$\frac{15.0}{10}$	15.0	$\frac{15.0}{10}$

36.2	36.2	36.2
$\frac{14.8}{10}$	14.8	$\frac{14.8}{10}$

29.3	29.2	29.4
$\frac{21.7}{10}$	21.8	$\frac{21.8}{10}$

24.0	24.0	24.0
$\frac{27.0}{10}$	27.0	$\frac{27.0}{10}$

51.03

2 + 40

T.P. 12.7^v 99.65^v 0.94 86.93^v

2 + 45

T.P. 13.05 87.87^v 0.49 74.82^v

2 + 90

3 + 27 Δ ditchT.P. 13.06 75.31^v 0.18 62.25^v

3 + 44 Int. M.V. Sewer

62.43^v

L.T.

D
2

P.T.

100.6 ^v	91.8 ^v	87.3 ^v	88.2 ^v	102.0 ^v
+ 1.0		12.3	11.4	+ 2.4
13	78	8	13	16

99.65^v
5

90.9 ^v	80.9 ^v	78.7 ^v	79.7 ^v	85.2 ^v	90.9 ^v
+ 3.0	7.0		2.2	2.7	+ 3.0
14	4	9.2	4	10	20

87.87^v
2

80.4 ^v	70.3 ^v	71.3 ^v	71.3 ^v	71.3 ^v	80.3 ^v
+ 4.8	5.0		4.0	3.0	+ 5.0
13	2	40	2	4	9

66.1	60.1	60.7 ^v	60.7 ^v	66.2 ^v
9.2	15.4		14.6	9.1
8	3	14.6	3	5

75.31^v
2

60.0 ^v	57.9 ^v	55.6 ^v	55.1 ^v	58.8 ^v
2.4	4.5	6.8	6.7	3.6
2			2	9

62.43^v
2Top Cem Slab
on Top Sewer

T.P. 1201 135.40 0.46 123.39

1 + 90

2 + 00

T.P. 1227 123.85 0.22 111.58

2 + 11

T.P. 1271 111.80 0.56 99.09

2 + 22

2 + 28

99.65

LT.

0
2

PT.

59

123.3 ^v	122.3 ^v	117.8 ^v	117.8 ^v	123.8 ^v
$\frac{0.5}{3}$	1.5	$\frac{6.0}{2}$	$\frac{6.0}{2}$	$\frac{0.0}{8}$

119.3 ^v	115.0 ^v	112.8 ^v	120.1 ^v
$\frac{4.5}{5}$	8.9	$\frac{9.0}{2}$	$\frac{3.7}{8}$

123.85^v
5

114.4 ^v	103.4 ^v	103.4 ^v	103.4 ^v	114.4 ^v
$\frac{+2.6}{7}$	$\frac{8.4}{2}$	8.4	$\frac{8.4}{2}$	$\frac{+2.6}{8}$

111.80^v
5

108.8 ^v	95.4 ^v	95.4 ^v	95.4 ^v	109.0 ^v
$\frac{+9.2}{12}$	$\frac{4.2}{2}$	4.2	$\frac{4.2}{2}$	$\frac{+9.4}{5}$

105.8 ^v	98.3 ^v	93.4 ^v	93.3 ^v	107.4 ^v
$\frac{+6.2}{12}$	$\frac{1.2}{7}$	6.2	$\frac{6.3}{7}$	$\frac{+7.7}{17}$

99.65^v
2

orig. S.M.

10.50 199.04 199.0

0 + 00

0 + 03.5 Hedge walk

T.P.	11.45	209.56	0.21	198.11
T.P.	12.99	198.34	0.41	185.33
T.P.	12.35	185.24	0.21	173.39
T.P.	13.02	173.60	0.31	160.58
T.P.	13.00	140.89	0.16	147.89
T.P.	12.85	148.05	0.20	135.20

1 + 78 outlet of 12" corr. l.p.

135.40

LT

RT

60

205.58

3.98 top cb

205.58

3.98

209.56

201.76

4.80 grate

201.6

8.0

FL
INLET
PIPE

128.8
6.4
5

126.9
8.5 = FL

130.9
4.5
7

135.40

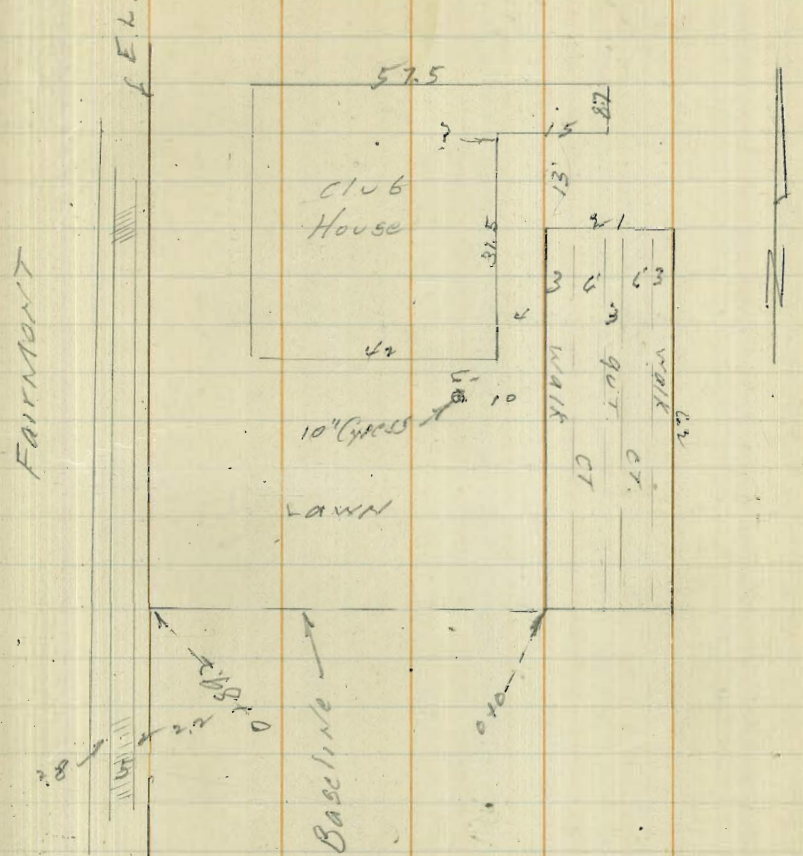
Moore
4-24-40

Spec for proposed Shuttle
Bd. Courts
S.E.ly Cor. Polk & Fairmont

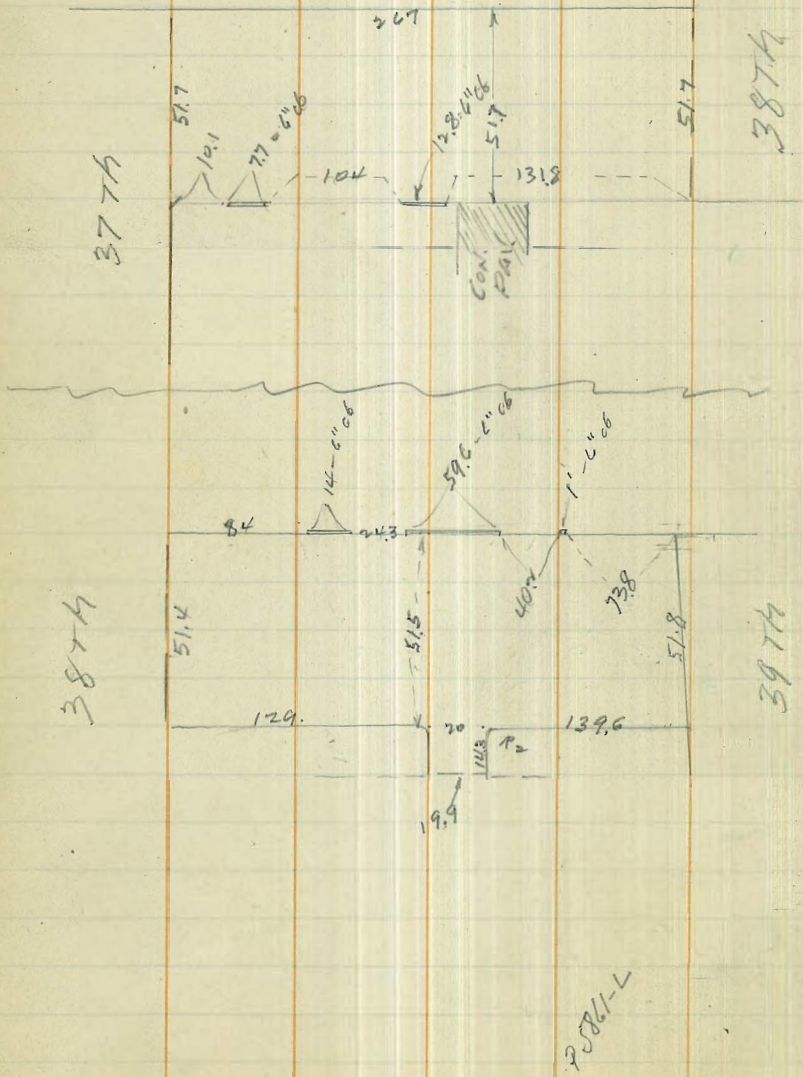
	Baseline	PT.	
0 + 91.4 Edge Walk	359.13 48.4	359.18 4.77 21	359.28 4.67 43
0 + 89.2 EL. Fairmont	359.05 4.9	359.15 4.8 21	359.25 4.7 43
0 + 44.6	358.75 5.2	358.95 5.0 21	359.05 4.9 43
0 + 00 SW Cor. Court	358.29 5.66	358.23 5.72 21 ON CT.	358.24 5.71 43 ON CT.
NW Cor Ret.	421 363.95	359.74	V.N.V. FAIRMONT

INDEXED
E.F.B.

Polk



Final Meas.
Orange Ave. 37th to 40th

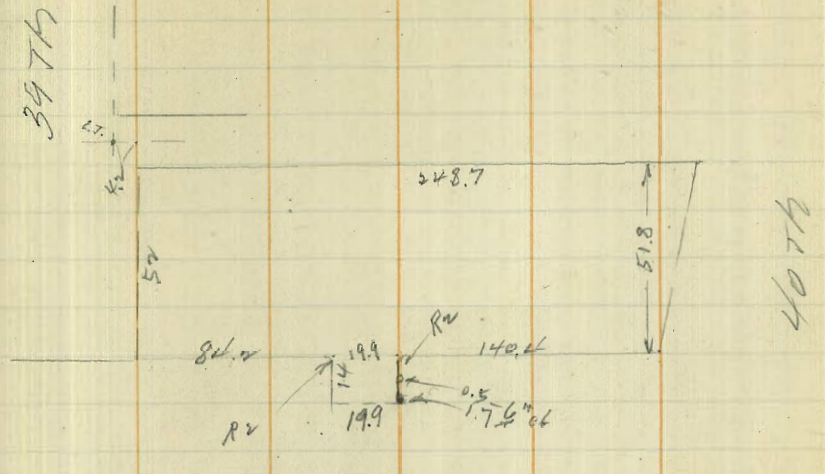


25861-L

INDEXED
EFB

Moore
7-29-40

62



All Meas. to alley return P.I.
alley Ret. Radii = 2

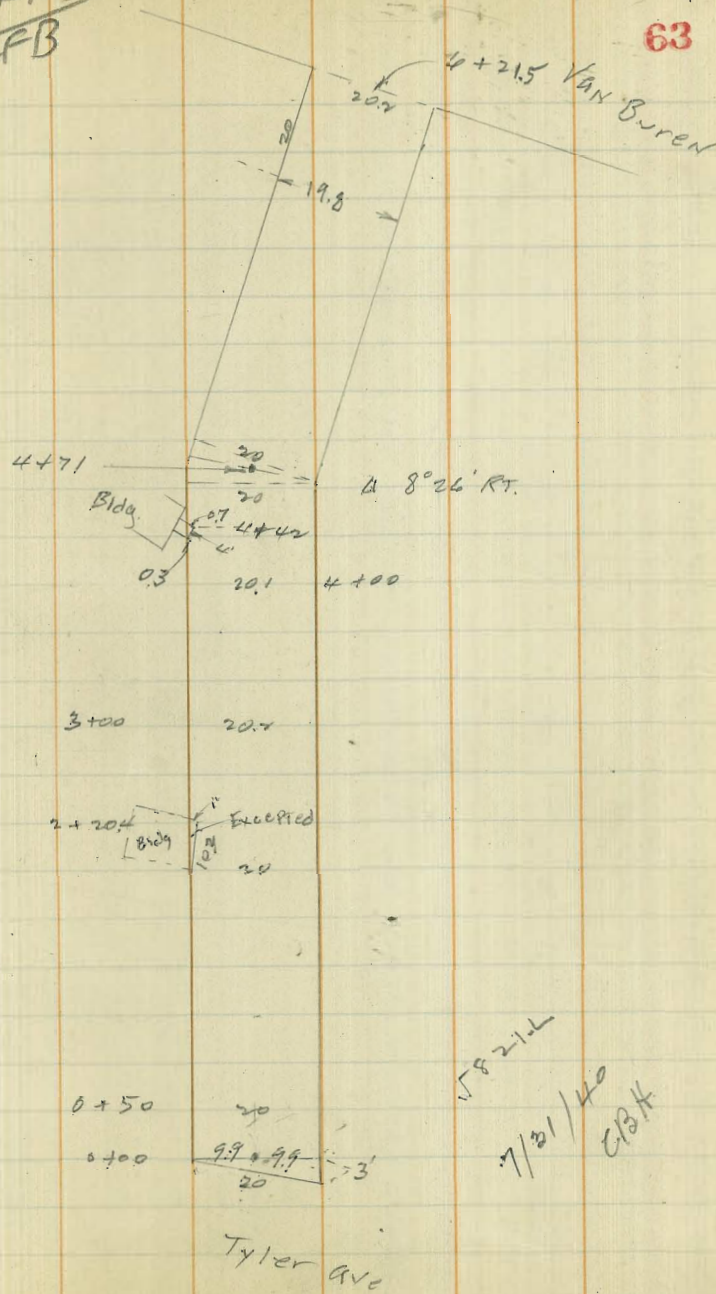
7/31/40 C.B.H.

FINAL MEAS.
of alley Bk. 133 V.H.

Moore
7-29-40.

INDEXED
EFB

63



Final Paving Alley Block 8. Palatka
 Polk to Orange
 Between Wilson 736651

INDEXED
 EFB

Nov 12-40 64
 S. J. J. J.
 Fort 5000
 W. Moore

Orange

Palatka

577102 18.05

5750 17.95

570 17.95

4750 18.0

470 18.0

3750 18.0

370 18.0

2750 18.10

270 18.0

1750 18.05

1714.5

170 17.95

0736 17.95

0708 18.0

0702 18.6

Polk.

Patch

1027000

11/13-40
 EFB

4' Paved Around
 Tree

26.500

Palatka

Curb Level 47th St. & T St

~~INDEXED~~
EFB

Nov 13-10

Sides

North 47th

W Moore

65

BM 11.26 127.75 - 116.49 SWRP
Ocean View
47th St

East Curb Line 47th St

50' N of N.L. T St Cb 3.74 125.01

Gutter on Pav 3.32 124.43

N.L. T St Curb Top 2.00 125.75

Gutter 2.53 125.22

2 T St Cb 2.00 125.75

Gutter 2.49 125.26

S.L. T St Cb 2.01 125.74

Gutter on Pav 2.56 125.19

50' S of S.L. T 2.58 125.17

Gutter on Pav 3.18 124.57

BM 0.0 127.75 SWRP
Ocean View
47th St

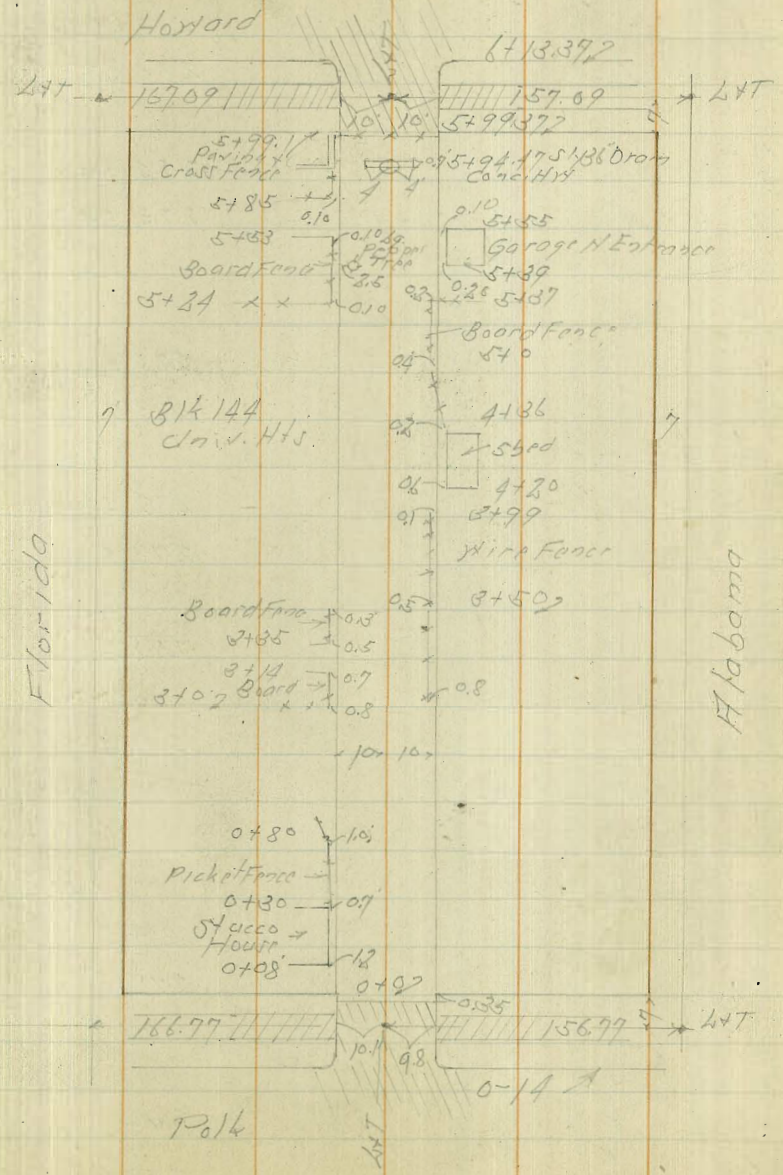
Cross Section Alley Block 144 East W. Hts
 From Polk to Howard
 Between Florida + Alabama

Indexed
 L.M.

Feb 18-41
 S.W. Moore
 Northern 66
 W. Moore

BM	1.29	290.43	-	289.14	NW 7' Tack Polk + Alabama
TP	4.71	283.95	11.69	278.74	024' Tack Ally
					0-14 = N.C. Polk
F 0.2 Paving		4.33		279.12	
L		4.78		278.67	
H		5.15		278.30	
					0+0 = N.L. Polk
H Top Cb		4.47		278.98	
Gutter on Pav		4.68		278.77	
L		4.61		278.84	
Gutter " "		4.03		279.42	
E Top Cb		3.47		279.98	
					0+0.8'
E		3.5		280.0	
+0.5'		4.2		279.3	
+0.5 = Fly T Polk					
L		4.5		279.0	
H		4.4		279.1	
+1.2 S.E. Cor House		4.3		279.2	
					0+3.6
-5		4.4		279.1	
H		4.6		278.9	
L		4.8		278.7	
+8		4.3		279.2	
+9.6 = Sky Conc Apront Polk		3.67		279.78	

Red. Plot on 1952 2-19-64 B.H.



283.45		
E	2.63	279.82
+6.6 = Brk Apron	290	280.55
0+52		
E-6.4 = 1/4 Garage Conc	295	280.50
E-0.4 = 1/4 Conc Apron	291	279.54
E-0.4 = Sky Wire Fence		
0+80		
-10	2.5	280.0
E	4.3	279.2
+0.1 = Wire Fence		
+3	49	278.6
2	50	278.5
W	48	278.7
+10	49	278.6
0+93		
W-6.4 = 1/4 Garage Conc	465	278.80
0+99		
W+0.1 = 1/4 P Pall		
1+0		
-10	49	278.6
W	50	278.5
2	50	278.5
+9.1 = Wire Fence		
E	4.5	279.0
+10	4.1	279.4

283.45		
1+49		
E+1.3 = Fly T Pall	✓	
1+50		
-10	3.8	279.7
E	4.2	279.3
+1.0 = Wire Fence		
2	4.8	278.7
W = Sky Wire Fence	5.4	278.1
+1.0	5.5	278.0
2+0		
-10	6.0	277.5
W	6.2	277.3
+0.5 = Wire Fence		
+5	5.3	278.2
2	5.1	278.4
+9.7 = 1/4 Wire Fence		
E	4.9	278.6
+0.2 = Sky Shrd		
+1.0	4.3	279.2
TP	6.30	278.54
2+10		
E+0.4 = Sky Lath Fence		
E-0.2 = 1/4 Shrd		

28474

2+25

-10	5.5	279.2
F	6.3	278.4
♂	6.8	277.9
W	7.0	277.7
+10	6.8	277.9

2+50

-10	5.6	279.1
W = Wly Wire Fence	5.6	279.1
♂	6.2	278.5
+5	6.6	278.1
+89 = Fence	6.1	278.6
F	6.1	278.6
+10	5.8	278.9

2+52

W +0.5 = Wly Post Pole ✓

3+0

-10	5.4	279.3
-E	5.4	279.3
+0.8 = Wire Fence		
+1.2 = Fly Tel Pole		
♂	5.1	279.6
W	5.2	279.5
+0.8 = Wly Conc Apron	4.7	280.00
+10	5.3	279.4

28474

3+14

W-0.7 = Wly Open Garage 4.47 280.27
Conc Floor

3+15

W-2.3 = Wly Conc Apron 5.17 279.57

W-7.6 = Wly Do. Gar. Conc Floor 4.58 280.16

3+24

W-7.2 = Wly Do. Gar. Conc F. 4.45 280.29

W-2.0 = Wly Conc Apron 5.01 279.73

W 5.0 279.7

♂ 5.0 279.7

+6 4.7 280.0

F 4.2 280.5

+10 4.0 280.7

3+50

-10 4.0 280.7

F 4.3 280.4

♂ 4.5 280.1

W 4.0 280.7

+5 1.2 283.5

3+97

W = Wly Post Pole

TP 9.08 289.89 293 280.81

3+99

E+0.7 = Fly Tel Pole

289.89

4+0

-10	6.0	283.9
X	7.5	282.4
+5	8.8	281.1
d	9.0	280.9
Δ	8.9	281.0
F	8.0	281.9
+10	7.7	282.2

4+36

F	7.2	282.7
+5	7.6	282.3
d	7.9	282.0
X	7.4	282.5
+10	5.9	283.0

4+60

-10	5.9	284.0
X	5.8	284.1
+4	6.1	283.8
d	7.7	282.2
+2	7.7	282.2
F	6.4	283.5
+5	5.8	284.1

4+65

X - 40.0 = $\frac{1}{2}$ Garage Conct	5.28	284.61
11.5 X 21		

289.89

5+0

-10	5.0	284.9
F	5.2	284.7
+2	5.9	284.0
d	6.0	283.9
X	5.0	284.9
+10	4.9	285.0

5+24

X + 1.1 = X by Post Pole ✓

5+25

-10	4.6	285.3
X	4.6	285.3
d	4.8	285.1
+5	6.0	283.9
F	4.9	285.0
+10	4.6	285.3

5+37

-10 = 40.0 per Ditch	4.6	285.3
F = " " "	5.0	284.9
+0.6 = 5.5 TCI Pak ✓		

+6 = 6	5.6	284.3
d	5.0	284.9
+2	4.4	285.5
X	4.3	285.6

5+39

X + 2.5 = 3.5 diam Popper TFC ✓

289.89

5+55

-3.2 = S.F. Cor. Frame Ho.	4.2	285.7
H	4.2	285.7
+7	4.1	285.8
+	5.1	284.8
+3	5.1	284.8
+7	3.8	286.1
F	4.4	285.5
+3.5 = Wly Conc Ribboz	4.35	285.54

5+85

-3.2 = Wly Conc Ribboz	2.13	287.76
F	2.2	287.7
+4	2.2	287.7
+	4.9	285.0
+4	2.9	287.0
H	2.7	287.2
+2.8 = Fly Frame House	2.9	287.0

5+94.47 = Fly 36" Conc Storm Drain

-0.1 = Fly 3' Conc Wall	2.10	287.79
-0.1 = Top of Conc Wall	0.27	289.62
H	1.4	288.5
+6 = Fly ^{TOP} 0.7 Conc Head Wall	1.95	287.94
+	5.96	283.93
+4 = Fly ^{TOP} 0.7 Conc Head Wall	2.00	287.89
F	1.1	288.8

289.89

+3.3 = Wly Conc Ribboz	1.37	288.52
JP	5.27	294.23
	0.93	288.96
	5+99.1 = Fly Black Paving	
F Topcb	5.04	289.19
F Gutter on Paving	5.08	289.15
+	" "	4.97
H Gutter " "	4.60	289.63
H Topcb	4.48	289.75
	6+43.37 = S.C.B. Howard	

H on Paving	5.57	288.66
+	" "	5.53
F " "	5.46	288.77
B.M.	3.63	290.60

W. B. P.
Howard
Florida
290.59

TABLE X.
MIDDLE ORDINATES OF RAILS
Length of Rail (feet)

C o /	R Feet	30 Inch	28 Inch	26 Inch	24 Inch	22 Inch	20 Inch	C o	R Feet	30 Inch	28 Inch	26 Inch	24 Inch	22 Inch	20 Inch
0-20	17189	.08	.07	.06	.05	.04	.03	8	716.8	1.88	1.64	1.42	1.20	1.01	.84
0-40	8594	.16	.14	.12	.10	.08	.07	9	637.3	2.12	1.84	1.60	1.35	1.14	.94
1-0	5730	.24	.20	.18	.15	.13	.10	10	573.7	2.36	2.05	1.78	1.50	1.27	1.04
1-20	4297	.31	.27	.23	.20	.17	.13	11	521.7	2.59	2.26	1.95	1.65	1.39	1.15
1-40	3438	.39	.34	.29	.25	.21	.17	12	478.3	3.83	2.47	2.15	1.81	1.54	1.26
2-0	2865	.47	.41	.35	.30	.25	.20	13	441.7	3.05	2.66	2.30	1.96	1.66	1.36
2-20	2456	.55	.48	.41	.35	.29	.23	14	410.3	3.30	2.87	2.48	2.10	1.78	1.46
2-40	2149	.63	.55	.47	.40	.33	.27	15	383.1	3.54	3.08	2.68	2.26	1.91	1.57
3-0	1910	.71	.62	.53	.45	.38	.31	16	359.3	3.76	3.28	2.83	2.40	2.04	1.67
3-20	1719	.78	.68	.59	.50	.42	.35	17	338.3	4.00	3.48	3.02	2.57	2.16	1.78
3-40	1563	.86	.75	.65	.55	.46	.38	18	319.6	4.21	3.67	3.18	2.70	2.28	1.87
4-0	1433	.94	.82	.71	.60	.50	.42	19	302.9	4.45	3.89	3.36	2.86	2.41	1.98
4-20	1323	1.02	.89	.77	.65	.55	.45	20	287.9	4.70	4.09	3.55	3.00	2.54	2.09
4-40	1228	1.10	.96	.83	.70	.59	.48	22	262.0	5.16	4.44	3.84	3.30	2.80	2.29
5	1146	1.18	1.03	.89	.75	.63	.52	24	240.5	5.64	4.92	4.20	3.59	3.04	2.50
6	955.3	1.41	1.23	1.06	.90	.76	.62	26	222.3	6.07	5.29	4.58	3.88	3.29	2.70
7	819.0	1.65	1.44	1.24	1.05	.89	.73								

2065
2055
376.25
9.57
356.68
179.60
78.49
101.11

TABLE XI.
SHORT RADIUS CURVES

Radius Feet	Chord Feet	Central Angle	Deflection Angle	Deflection for 1 Foot
35	10	16-26	8-13	49.3
45	10	12-46	6-23	38.3
50	15	17-16	8-38	34.5
60	15	14-22	7-11	28.8
75	15	11-30	5-45	23.0
100	20	11-30	5-45	17.3
120	20	9-34	4-47	14.3
150	20	7-39	3-49	11.5
190	25	7-32	3-46	9.15
200	25	7-10	3-35	8.6
225	25	6-25	3-12	7.7
240	25	5-58	2-59	7.2
250	25	5-44	2-52	6.9
275	25	5-12	2-36	6.2
288	50	9-58	4-59	6.0
300	50	9-32	4-46	5.7
350	50	8-12	4-06	4.9
376	50	7-40	3-50	4.6
400	50	7-10	3-35	4.3
410	50	7-00	3-30	4.2

70°
16
20
30
40
50
To find length of curve divide angle from P. C. to P. T. by central angle of chord, and multiply by length of chord.

✓ 85.80
42.9
90
✓ 2.9

24.5
32.5
297.5

99.2
10
✓ 89.2
44.6

2 + 01.5 4 wire Fence
2 + 82.5 " " "

1 + 90 6' WOVEN WIRE