

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

Sunset

PAGES 645 INDEX DAT DATE

1- AS BUILT X-SEC'S SUNSET CHIEFS EXTENSION

55 BEACH LEVELS: UNIVERSITY-CELLA DRIVE -
ROLANDO & ARAGON

AS BUILT X-SEC'S SUNSET CLIFFS BLVD
 W. PT. LOMA NLY TO MIDWAY DRIVE

W.O. 22039

0+64⁵ End A.C. Berm Rt

0+56⁷ E. End Cb & Begin A.C. Berm Rt

0+50

0+36⁸ Nose P.O.C. Rt Ret

0+28⁸ Match Paving

0+23⁸ E.C. Cb Ret Lt

0+10.5 Match Line New Pavt

0+04⁵ Curb Ret @ 90° To Sunset

New Paving
 0+03⁵ Match Paving Parallel

B.M. +3.90

28 14

2424

3-16-53

①

Ref F. Books

G-299 Alignment A Line

2151' Orig. X-Sec's

14-30-59

NOTE: Lt. &

& = Baseline unless

Stamp

Huffman

& Shorey

& Sherry

Rt.

Indicated Otherwise

Numerators denote Rods

Denominators Indicate
distances out

19.9	20.5	22.0	22.20	22.96	22.30	22.75
82	76	6.1	5.94	5.18	5.84	5.39
57	48	40.6	33.8	31.9	31.4	0

Toe Tap Gut

22.64	23.16	22.84	23.33
5.50	4.98	5.30	4.81
32.	33	34	37.4

Gut Tap Toe Edge A.C.

22.68	23.23	23.14	23.48
5.46	4.91	5.00	4.66
33.8	33.8	34.5	38.3

Gut Cb

E.A.C.

23.88	23.46	23.91
5.26	4.68	4.23
38.2	38.4	51

Gut Cb

23.46	23.36	23.94
4.68	4.78	4.20

23.62	46.2	53.2	53.2
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53.2

A.C.

23.39

22.85

4.75

5.29

34.3

34.3

cb

Gut

23.36

4.78

0

23.43

22.84

4.71

5.30

49.4

49.4

cb

Gut

23.09

5.05

47.5

Pavt.

S.W. BP. Sunset Cliffs & W. Pt. Loma,

28.14

X-SEC'S SUNSET EXTENSION CONTD.

3-16-53

2+00 End A.C. Berm Lt.

20.0	20.6	20.98	21.45	20.82	20.63	20.17	20.78	20.04	19.4	15.3
11.4	0.8	0.46	-0.09	0.62	0.81	1.27	0.66	1.40	2.0	6.1
48	25.5	23.6	22.4	21.6		21.4	22	23.5	30	36

+0.05 21.44

TP 28.14 -6.75 21.39

9.2	12.8
12.2	8.6
80	80

21.44

+5.0

13.1	12.7	20.8	21.38	21.93	21.26	21.39	21.05	21.66	21.04	20.9	17.0	15.7
15.0	15.4	7.3	6.76	6.21	6.88	6.75	7.09	6.48	7.10	7.2	11.1	12.4
80	32	27	24	23	22.2	0	22	23	24	28	38	61

Toe Top

Top Toe

10.5
17.6
80

1+00

14.8	15.2	15.4	21.1	21.46	22.34	21.71	22.08	21.93	22.54	21.94	21.7	21.0
13.3	12.9	12.7	7.0	6.68	5.88	6.48	6.06	6.21	5.60	6.20	6.4	7.1
72	67	41	30	28	26	25.3	0	26	26.8	27.8	31	32

Top

19.6	19.6
8.4	8.4
48	54

0+87 E.C. A.C. Berm Rt.

22.24	22.78
5.90	5.36
28.3	29.3

Gut Top

0+82 B.C. A.C. Berm Rt.

22.30	23.05	23.68
5.84	5.09	4.82
29.1	36	

Gut Gut Top

28.14

LT

RT

③

X-SEC'S SUNSET EXTENSION CONTD.

3-16-53

5+00

4.84

18.92

9.8	10.7	18.3	18.21	16.47	14.94	12.55	12.9	13.2
9.1	8.2	0.6	0.71	2.45	3.95	6.37	6.0	5.7
76	40	26	24	0	21.4	34	42	80
	Toe	TOP			±3'	Toe		
					Drain	Chute	date	

T.B.M. RP 100 F.B.C. 3+54.34 7.36 14.08

+50

π 18.92

9.8	10.8	18.62	17.11	15.6	16.27	15.59	15.2	13.5
11.6	10.6	2.82	4.33	5.80	5.17	5.85	6.2	7.9
76	40	25	0	21.6	22	23.4	26	31
N.G.Y	Toe	TOP			8.5	7.9		Top Toe
					12.9	13.5		
					8.5	7.9		
					37	80		

4+00

9.7	11.0	19.34	17.81	16.39	17.01	16.34	16.0	12.8
11.7	10.4	2.10	3.63	5.05	4.13	5.10	5.4	8.6
74	41	26	0	21	21.8	23	26	33
	Toe	TOP			14.3			Top Toe
					7.1			
					80			

+54.34 B.C.R.T

10.0	10.4	19.67	18.40	17.27	17.90	17.31	16.8	14.2
11.4	11.0	1.77	3.04	4.17	3.54	4.13	4.6	7.2
80	46	26	0	21.3	22	23.2	27	32
	Toe	TOP						Top Toe
					14.2			
					7.2			
					80			

3+00

10.3	10.5	20.18	19.21	18.29	18.89	18.29	17.9
11.1	10.9	1.26	2.23	3.15	2.55	3.15	3.5
80	45	26	0	21.4	22	23	27
	Toe	TOP			16.0	13.9	13.6
					5.4	7.5	7.8
					31	47	80

2+50

9.9	10.3	20.5	19.34	19.28	19.91	19.24	18.9
11.5	11.1	0.9	1.50	2.16	1.53	2.20	2.5
80	45	26	0	21.3	22	23.4	27
					15.6	12.8	
					5.8	8.6	
					33	80	

π 21.44

Lt

+

Rt

3

X-SEC'S SUNSET EXTENSION CONT'D.

3-16-53

+ 2.87 16.47

T.P. Top R/H. 5/8 8+00 -5.32 13.60

8+00

9.9	10.3	15.6	15.56	13.57	11.96	12.57	11.8	11.8	10.5
9.0	8.6	3.3	3.36	5.35	6.94	6.35	7.1	7.1	8.4
50	35	26	24	0	22.4	23	24.2	29	45
	Toe	Top							

+50

10.1	10.8	16.1	15.99	13.92	12.35	12.92	12.1	12.0	11.5
8.8	8.1	2.8	2.93	5.00	6.57	6.00	6.8	6.9	7.4
56	37	26	24	0	22.3	22.9	24.0	29	30
	Toe	Top						Top	Toe
					10.3				
					8.6				
					54				

7+00

9.3	10.6	16.4	16.40	14.47	12.78	13.37	12.5	12.4	10.6	10.0
9.6	8.3	2.5	2.52	4.45	6.14	5.55	6.4	6.5	8.3	8.9
53	36	25	24	0	22.4	23	24	27	32	66
	Toe	Top							Top	Toe

NOTE: These Sec's Will Not match originals on Toe as

This has been used as borrow area for fill of Rd. Bed

+50

10.1	10.3	16.7	16.72	14.88	13.22	13.82	12.9	12.9	10.3
8.8	8.2	2.2	2.20	4.94	5.70	5.10	6.0	6.0	8.6
60	39	26	24	0	22	22.6	23.8	26	32
	Toe	Top	ES	NDY				Top	Toe

6+00

10.3	10.2	17.2	17.06	15.39	13.67	14.26	13.3	13.2
8.6	8.7	1.7	1.86	3.53	5.25	4.66	5.6	5.7
74	41	26	24	0	21.9	22.4	23.2	26.5
	Toe		Top	ES	NDY			Top

5+50

9.6	9.6	10.8	17.7	17.69	15.90	14.32	14.88	14.0	13.8
9.3	9.3	8.1	1.2	1.23	3.02	4.60	4.04	4.9	5.1
74	66	40	26	24	0	21.6	23	23.2	27
	Toe		Top	ES	NDY			Top	
						10.5	10.8		
						8.4	8.1		
						32	60		
						7.6	7.0	7.0	
						32	62	80	
						Toe			

18.92

"A" Line As Base
X-SEC'S SUNSET EXTENSION CONTD.

3-18-53

B.M. -538 10.73 ~ 10.70

X-On Rim Sewer M.H. 190' Rt Sta 14+25

14+00

+4.64 16.11

10.6	10.7	11.58	10.46	11.26	11.55	10.7	11.50	11.29	10.81	11.42	10.6
5.5	5.4	4.53	5.15	4.85	4.56	5.4	4.61	4.82	5.36	4.69	5.3
24	21 1/2	20 1/2	19 1/2	12	0	15	29	41	49 1/2	49 1/2	51 1/2
TOP				EP	EP	\$	EP	EP			
			7.2	7.2			10.5	6.8	6.7		
			89	89			5.6	2.3	2.4		
			60	32			54	61	94		
				TOP			TOP	TOP	TOP		

+50 \$ 4" Type H Inlet 13.3' Rt.

10.7	10.8	11.64	11.00	11.22	11.51	10.5	11.49	11.62	10.6	11.45	11.26
5.4	5.3	4.47	5.11	4.89	4.60	5.6	4.62	4.62	5.5	4.66	4.85
24	21 1/2	20 1/2	19 1/2	12	0	11 1/2	11 1/2	15 1/2	26	38	
TOP				EP	EP	\$	TOP	TOP	Ditch	EP	EP
6.9	7.5						Inlet	Inlet			
9.2	8.6						Ground			7.0	6.71
60	31									10.83	11.42
										5.28	4.69
										4.62	4.62
										48	51
										TOP	TOP

T.B.M. S.W. Cor. Top Inlet 13.3' Rt = 5.00 - 11.47

13+39 \$ 4" Wide Drainage Chutes 43' Rt & 20' Lt.

10.9	10.9	11.70	11.05	11.25	11.99	10.8	11.47	11.24	10.75	11.36	10.52
5.6	5.6	4.77	5.42	5.22	4.90	5.7	5.00	5.23	5.74	5.11	5.25
24	21 1/2	20 1/2	19 1/2	12	0	12	23	35	43 1/2	43 1/2	45
TOP				EP	EP	\$	Pitch	EP	EP		
6.9	7.2										
9.6	9.3										
50	33										

13+00

+50

11.0	11.0	11.77	11.70	11.30	11.55	10.8	11.50	11.32	10.87	11.49	10.7	10.5
5.5	5.5	4.70	5.34	5.17	4.92	5.7	4.97	5.15	5.60	4.98	5.0	6.0
25	21 1/2	20 1/2	20	12	0	10	20	32	40	40 1/2	42	45
TOP				EP	EP	\$	Ditch	EP	EP			TOP
6.8	7.5											
9.7	9.0											
45	32											

12+00

11+50

6.9	11.0	11.0	11.92	11.27	11.37	11.55	11.0	11.75	11.41	11.02	11.65	10.82	
9.6	5.5	5.5	4.55	5.20	5.10	4.92	5.5	4.86	5.06	5.45	4.82	5.65	
32	24	21 1/2	20 1/2	20	12	0	9	16 1/2	29	37 1/2	37 1/2	39	
TOP	TOP			EP	EP	EP	\$	Ditch	EP	EP			
6.9													
9.2	11.2	11.4	12.19	11.53	11.68	11.66	11.1	11.68	11.50	11.01	11.61	10.9	10.7
7.3	5.3	5.1	4.28	4.94	4.79	4.81	5.4	4.79	4.97	5.16	4.86	5.6	5.8
30	24	21 1/2	20 1/2	20	12	0	7	14	26	34	34 1/2	35 1/2	39
TOP	TOP												TOP
8.8													
7.7													
43													

16.47

16.47

"A" Line As Base

X-SECS. - SUNSET EXTENSION CONT'D.

3-18-53

+ 5.12 17.53

T.P. Top R.H. Sta. 17+00 - 3.70 12.41

17+00

11.6	11.6	12.44	11.81	12.21	12.41	11.6	12.30	11.84	11.48	12.11	11.3
4.5	4.5	3.67	4.30	3.90	3.70	4.5	3.81	4.27	4.63	4.00	4.8
24	21 3/4	20	19 1/2	12	0	24	47	71	78 3/4	78 1/2	80 1/2
TOP				EP	EP	♀	EP	EP			
			8.2		8.4						
			7.9		7.7		11.2	6.8		6.7	
			61		30		4.9	9.3		9.4	
					700			91			
							83	700		130	

+ 50

11.4	11.4	12.25	11.62	11.94	12.18	11.5	12.11	11.84	11.45	12.07	11.3
4.7	4.7	3.86	4.49	4.17	3.93	4.6	4.00	4.27	4.66	4.04	4.8
24	21 3/4	20	19 1/2	12	0	23	43 1/2	62	70.5	71	72 1/2
TOP				EP	EP	♀	EP	EP			
			8.1		8.4						
			8.0		7.7		11.4	7.2		6.8	
			60		30		4.7	8.9		9.3	
					700			83		120	
							75	700			

16+00

11.1	11.2	11.98	11.37	11.70	11.99	11.3	11.96	11.79	11.56	12.20	11.4
5.0	4.9	4.13	4.74	4.41	4.12	4.8	4.15	4.32	4.55	3.91	4.7
24	21 3/4	20	19 1/2	12	0	21	41	53	61 1/2	61 1/2	63
TOP				EP	EP	♀	EP	EP			
			7.8		8.1						
			8.3		8.0		11.2	7.1		6.6	
			57		30		4.9	2.0		9.5	
					700			77		108	
							63	700			

+ 50

10.9	10.9	11.77	11.14	11.51	11.76	11.2	11.76	11.64	11.29	11.90	11.1
5.2	5.2	4.34	4.97	4.60	4.35	4.9	4.35	4.47	4.82	4.21	5.0
24	21 3/4	20	19 1/2	11.5	0	20	38	50	58 1/2	59	60 1/2
TOP				EP	EP	♀	EP	EP			
			7.4		7.9						
			8.7		8.2		11.0	9.2		6.9	6.4
			59		30		5.1	7.1		9.7	
					700			71		102	
							64	700			

15+00

10.8	10.8	11.65	11.03	11.39	11.65	11.1	11.68	11.44	11.09	11.51	10.9
5.3	5.3	4.46	5.08	4.72	4.46	5.0	4.43	4.67	5.07	4.50	5.2
24	21 3/4	20 3/4	19 1/2	12	0	18	35	47	55 1/2	55 1/2	57
TOP				EP	EP	♀	EP	EP			
			7.4		7.7						
			8.7		8.4		10.8	6.5		6.5	
			57		31		5.3	9.6		9.6	
					700			67		9.6	
							60	700		93	

14+50

10.7	10.7	11.59	10.96	11.36	11.58	10.9	11.58	11.29	10.82	11.43	10.7
5.4	5.4	4.52	5.15	4.75	4.53	5.2	4.53	4.82	5.29	4.68	5.4
24	21 3/4	20 3/4	19 1/2	12	0	16	32	44	52 1/2	52 1/2	54
TOP				EP	EP	♀	EP	EP			
			7.2		7.4						
			8.9		8.7		10.5	6.6		6.6	
			62		31		5.6	9.5		9.5	
					700			63		95	
							57	700			

16.11

16.11

"A" Line As Base
X-SEC'S SUNSET EXTENSION CONTD.

3-18-53

20+00

12.0	12.1	13.03	12.41	12.67	13.06	12.9	13.53	13.19	12.7	12.99	12.84	12.7
5.5	5.4	4.50	5.12	4.86	4.47	4.6	4.00	4.34	4.8	4.54	4.69	4.80
23	21 $\frac{1}{2}$	192	193	18	0	13	19	55	60	65	80	87 $\frac{1}{2}$
TOP				EP	EP	£	Ditch	EP	EP	£	EP	EP

7.4	7.5									6.3	6.0
10.1	10.0					12.41	12.7	12.6		11.2	11.5
62	32					9.12	9.8	4.9		113	148
	700					9.98	9.92	102		700	148

+50

11.9	12.0	12.95	12.33	12.83	13.07	12.4	13.33	13.07	12.71	12.35	12.98
5.6	5.5	4.58	5.20	4.70	4.46	5.1	4.20	4.49	4.82	5.18	4.53
24	21 $\frac{1}{2}$	20	193	11 $\frac{1}{2}$	0	25	47	62	86	94 $\frac{1}{2}$	95 $\frac{1}{2}$
TOP				EP	EP	£	EP	Par.	EP		

7.6	7.9									6.5	6.4
9.9	9.6					12.1	12.0	11.0		11.1	
70	700					5.4	5.5	1.08		145	
						9.62	9.9				

19+00

11.9	12.1	12.96	12.34	12.76	12.99	12.3	12.99	12.47	12.07	12.71	11.9
5.6	5.4	4.57	5.19	4.77	4.54	5.2	4.54	5.06	5.46	4.82	5.6
24	21 $\frac{1}{2}$	20	192	12	0	31	59	83	91 $\frac{1}{2}$	92 $\frac{1}{2}$	93 $\frac{1}{2}$
TOP				EP	EP	£	EP	EP			

8.2	8.3									10.5	11.0
9.3	9.2					5.7		10.3		141	
62	700					9.5		700			

+50

11.8	12.0	12.91	12.31	12.69	12.93	12.1	12.84	12.34	11.83	12.45	11.6
5.7	5.5	4.62	5.22	4.84	4.60	5.4	4.69	5.19	5.70	5.08	5.9
24	21 $\frac{1}{2}$	20	194	12	0	30	56	80	88 $\frac{1}{2}$	89 $\frac{1}{2}$	90 $\frac{1}{2}$
TOP				EP	EP	£	EP	EP			

8.5	8.5									6.9	6.7
9.0	9.0					11.5		10.6		10.8	
65	700					6.0		101		135	

18+00

11.7	11.9	12.78	12.17	12.58	12.78	12.0	12.56	12.17	11.62	12.23	11.4
5.8	5.6	4.75	5.36	4.95	4.75	5.5	4.97	5.36	5.91	5.30	6.1
24	21 $\frac{1}{2}$	20	194	12	0	27	53	77	85 $\frac{1}{2}$	86	87 $\frac{1}{2}$
TOP				EP	EP	£	EP	EP			

8.6	8.5									6.8	6.6
8.9	9.0					11.3		10.7		10.9	
61	700					6.2		98		136	

17+50

11.6	11.8	12.62	12.00	12.43	12.65	11.8	12.43	11.99	11.47	12.09	11.3
5.9	5.7	4.91	5.53	5.10	4.88	5.7	5.10	5.54	6.06	5.44	6.2
24	21 $\frac{1}{2}$	195	192	11.5	0	25	50	74	82 $\frac{1}{2}$	82 $\frac{1}{2}$	84 $\frac{1}{2}$
TOP				EP	EP	£	EP	EP			

8.6	8.6									11.1	7.0	6.7
8.9	8.9					11.3		10.7		10.9		
70	700					6.2		98		136		

17.53

17.53

"A" LINE AS BASE
CROSS SECTIONS SUNSET EXT. CONTD.

23+00

10.4	10.48	11.34	10.74	11.44	12.39	14.02	9.6	10.8	13.00	13.8	14.1
62	612	526	586	516	421	258	7.0	5.80	3.60	2.80	2.5
24	212	202	192	12	0	24	56	672	92	101	104
Top				EP		EP	EP	EP	EP		Top
		6.7		7.6		5.8		5.1			
		9.0		9.0		10.8		11.5			
		62		31		120		150			

+50

10.8	10.7	11.60	11.00	11.64	12.53	14.00	9.5	10.87	12.94	13.70	14.0
5.8	5.9	5.00	5.60	4.96	4.07	2.60	7.1	5.73	3.66	2.90	2.6
232	212	202	192	12	0	24	59	71	95	105	108
Top				EP		EP	EP	EP	EP		Top
		6.9		7.6		5.7		5.3			
		9.7		9.0		10.9		11.3			
		68		30		123		155			

22+00

10.9	10.9	11.88	11.30	11.94	12.70	14.05	10.0	11.24	13.00	13.70
5.7	5.7	4.72	5.30	4.66	3.90	2.55	6.6	5.36	3.60	2.90
24	213	20	193	12	0	24.6	60	71.5	96	106
Top				EP		EP	EP	EP	EP	
		6.6		6.8		13.9		5.6		5.4
		10.0		9.8		2.7		11.0		11.2
		61		31		103		123		153

+50

11.0	11.2	12.00	11.40	12.13	12.90	13.57	10.8	11.66	12.93	13.50	13.7
5.6	5.4	4.60	5.20	4.47	3.70	2.73	5.8	4.24	3.67	3.10	2.9
24	212	202	198	12	0	26	60	71	95.5	106	108.5
Top				EP		EP	EP	EP	EP		Top
		7.3		7.1		5.5		5.6			
		9.3		9.5		11.1		11.0			
		60		31		122		156			

+3.66

16.60

21+00

11.2	11.4	12.37	11.78	11.38	12.94	13.01	13.69	13.16	13.81	11.3	12.14
6.3	6.1	5.16	5.25	5.15	4.59	4.52	3.84	4.37	3.72	6.2	5.39
24	212	20	195	12	0	1.5	2	32	30	60	69.5
Top				EP		EP	EP	EP	EP	EP	Top
		7.1		7.1		12.97		13.23		13.3	11.8
		10.4		10.4		4.56		4.30		4.2	120
		60		33		94		105		108	700

T.P. Top R.H. Sta 21+00

-4.59

12.94

20+52.68 B.C. Lt.

17.53

11.6	11.7	12.70	12.07	12.57	13.06	13.30	13.97	13.78	13.51	11.8	12.47
5.9	5.8	4.83	5.46	4.96	4.47	4.23	3.56	4.24	4.02	5.7	5.06
232	214	202	12.5	12	0	4	4.6	6	37	60	67.5
Top				EP		EP	EP	EP	EP	EP	Top
		7.5		7.4		12.94		12.90		12.9	5.8
		10.0		10.1		4.52		4.63		4.6	11.7
		69		32		92		101		105	117

3-18-53

Lt.

±

Rt.

②

"A" Line As Base
X-SEC'S SUNSET EXTENSION CONTO.

3-19-53

26+00

9.7	9.9	10.78	10.20	11.00	11.98	13.52	13.2	13.53	13.63	13.32	12.91
7.7	7.5	6.60	7.18	6.38	5.40	3.86	4.2	3.85	3.75	4.06	4.47
26	223	21	203	12	0	22	25	28	49	66	74
TOP				EP		EP	±	EP	Crown	EP	

8.1	8.3	13.55	12.7	12.6	7.1	6.2
9.3	9.1	3.83	4.7	4.8	10.3	11.2
59	30	751	764	80	89	130

+50

9.8	10.4	10.72	10.12	10.71	11.75	13.39	12.5	13.14	13.5	13.26	12.85
7.6	7.4	6.66	7.26	6.67	5.63	3.99	4.9	4.21	3.90	4.12	4.53
26	223	21	203	12	0	23	30	33	53	75	84
TOP				EP		EP	±	EP	Crown	EP	

+6.90 17.38

Sta 22+60 ±

T.B.M. Top N.W. Cor Inlet 52 ± RT-6.12 10.48

7.8	8.5	13.5	12.6	12.4	6.1	5.3
9.6	8.9	3.90	4.8	5.0	11.3	12.1
55	31	842	86	89	100	145

25+00

± Wide Drain Chute 20' to 33' Lt

7.1	8.04	10.12	10.80	12.72	13.48	12.0	12.60	13.38	13.10	12.63
10.3	9.34	7.26	6.58	5.66	3.90	5.4	4.78	4.00	4.28	4.25
70	33	20	12	0	24	34	40	62	86	94
	Toe		EP		EP	±	EP	Crown	EP	

+50

9.7	9.8	10.72	10.84	11.88	13.68	11.3	11.99	13.99	13.06	12.70
6.9	6.8	5.88	6.49	5.76	4.72	2.92	5.3	4.61	3.21	3.34
24	22	203	203	12	0	24	40	47	73	99
TOP				EP		EP	±	EP	EP	

17.38

6.9	7.9	13.34	12.45	12.4	5.3	4.9
9.7	8.7	3.26	4.15	4.2	11.3	11.7
66	32	1073	1086	112	124	146

24+00

9.9	10.1	10.90	10.31	11.12	12.03	13.85	10.60	11.41	13.17	13.30
6.7	6.5	5.70	6.29	5.48	4.57	2.75	6.00	5.19	3.33	3.30
24	22	203	203	12	0	24	46	54.5	79	82
TOP				EP		EP	±	EP	EP	

6.9	8.0	2.56	3.32	3.62	3.65	4.0	11.4	11.7
9.7	8.6	827	843	112	119	126	142	170
62	31							

23+50

16.60

10.1	10.3	11.17	10.59	11.31	12.17	14.01	10.1	10.99	13.10	13.47
6.5	6.3	5.43	6.01	5.29	4.43	2.59	6.5	5.62	3.20	3.13
24	22	203	203	12	0	24	52	62	86	93
TOP				EP		EP	±	EP	EP	

6.7	7.7	14.18	13.6	13.4	5.4	4.9
9.9	8.9	2.48	3.0	3.2	11.2	11.7
61	32	932	95	102	120	145

16.60

"B" line As Base

X-SEC'S SUNSET EXTENSION CONT'D

B.M. 4.91 14.57 11.10 3.47 3.456

+46° S. End of East Gutter

T.P. 10.16 9.66

+36° S. End of E. W. Wall

+28° S. End Bridge & "B" line

30+06.76 W Gut. Line @ S. End of Bridge

30+00 West Gut. Line @ S. End of Bridge

+86.14 NOTE: Use This Sec as Zero End Area for
S. End of West W. Wall Pay in fill
Wing Wall

29+50

19.82

Lt £ Rt. (12)

3-19-53

Chis/□

Top W. End Culv. Hdwall Approx 100' Ely Bridge

S. End on Flood Channel
Levee

2.4

E.P. @

S. End Br.

NOTE: Use This Section as

Zero End Area To North outside of Wingwall For Pay Quantity

17.19	17.10	16.93	17.58	16.8	16.4
2.63	2.72	2.89	2.24	3.0	3.4
0	10	253	258	262	30
2.72			11.2	10.4	
17.10			8.6	9.4	
2.72			4.4	6.4	
0					

17.34 10.56 16.89

2.48 3.26 2.93

29 29 0

cb Gut

17.23	16.7	16.7	17.16	16.49	16.77	16.52	16.42	17.10	16.2	16.1
2.59	3.1	3.1	2.66	3.33	3.05	3.30	3.40	2.72	3.6	3.7
322	322	296	284	272	0	232	297	304	318	35
Top W. Wall						E.P. TOP				

11.1

9.6

8.7

10.2

4.6

7.0

Toe

15.6	16.2	16.95	16.29	16.59
4.2	3.6	2.87	3.53	3.23
35	31	292	29	0
TOP				

10.7

9.1

4.6

Toe

15.1	15.3	16.06	15.42	15.61	16.07	15.78	15.56	16.20	15.4	15.2
4.7	4.5	3.76	4.40	4.21	3.75	4.04	4.26	3.62	4.4	4.6
40	35L	338	333	28	0	24	322	33	343	37
TOP						E.P. TOP				

18.7 11.5

9.1 8.3

8.0 7.8

19.82

9.3

9.0

10.5

10.8

4.7

8.3

7.9

Lt

¢

Rt

(13)

X-SEC'S SUNSET EXTENSION CONTD

3-19-53

BRIDGE TO MIDWAY & AS BASE 2151
30

NOTE: Use This Sec. as Zero End to South

42+02.4 N. End East W. Wall

≡ For Pay of

Area	
Area in Shldg. Outside Wingwall	16.45 16.19 16.82 16.1 15.5
	3.70 3.96 3.33 4.0 4.6
	27.8 28.4 29.6 38
	Top Top Top

42+00

15.8	15.8	16.61	15.98	16.31	16.50	16.24	16.88	16.19	16.3	17.08
4.3	4.3	3.54	4.17	3.84	3.65	3.91	3.27	3.96	3.8	3.07
38	35.8	34.8	34	26	0	27.4	28	29.2	30.2	39.6
Top				EP					gut	Top
										W. Wall

5.5	6.6
14.6	13.5
82	61
	Top

41+81.4 Rt. 26' Gut @ N. End

16.77	16.58
3.38	3.57
0	26
	Gut

41+61.45 End Bridge @ ¢

17.13
3.02
0

32 outside

41+51.85 Lt. 32' N. End W. Wall (outside face)

9.3	16.3	17.0	17.54	16.87	17.13
10.8	3.8	3.1	2.61	3.28	3.02
48	37	29.4	28.2	27.5	13
Top	Top	Top	Top	gut.	Edge b. L
Level	beam	beam			

NOTE: Use This Sta as zero
≡ End Area Shldg Sec. Outside Wingwall

8.9
11.2
80
TOP Level

41+41.20 Lt. 26' Gut @ N. End Bridge

B.M. + 2.46 20.15 17.69

2138	6297	17.20
59	74	2.95
		26
		Gut.

20.15

Lt.

±

Rt.

9

3-19-53

X-SECTIONS
SUNSET EXTENSION BRIDGE TO MIDWAY CONT'D

44+00.

11.9	12.2	12.91	12.27	12.57	12.84	12.51	12.19	12.83	12.1	12.1
5.2	4.9	4.20	4.84	4.54	4.27	4.60	4.92	4.28	5.0	5.0
38	36	34.2	34.4	26	0	26	33.2	34.2	35.8	38
Top			EP		EP		Top			Top
			1.0		2.8					
			1.61		1.43		0.9		0.0	
			70		59		16.2		17.1	
			70		59		59		85	

+50

13.1	13.1	13.83	13.22	13.61	13.89	13.57	13.23	13.87	13.1	13.8
4.0	4.0	3.28	3.89	3.50	3.32	3.54	3.88	3.24	4.0	4.1
38	36	34.8	34.2	26	0	25.2	33.2	34.2	35.8	38
Top			EP		EP		Top			Top
			2.0		2.4					
			13.1		14.7		2.4		2.0	
			71		61		14.1		15.1	
			71		61		57		80	

+25

13.6	13.6	14.41	13.78	14.07	14.37	14.11	13.70	14.43	13.7	13.5
3.5	3.5	2.70	3.33	3.04	2.74	3.00	3.31	2.68	3.4	3.6
38	35	34.1	34	26	0	26	33.2	34.2	35.2	38
Top			EP		EP		Top			Top
			2.9		2.9		3.9		4.1	
			14.2		14.2		13.2		13.0	
			70		61		57		80	
			70		61		57		80	

43+00

14.0	14.2	14.92	14.27	14.59	14.88	14.66	14.27	14.89	14.17	13.9
3.1	2.9	2.19	2.84	2.52	2.23	2.45	2.84	2.22	2.94	3.2
37	35.2	34.2	34.1	26	0	26	33.2	34.2	35.1	39
Top			EP		EP		Top			Top
			2.9		2.9		6.4		6.6	
			14.2		14.2		10.7		10.5	
			75		65		52		80	
			75		65		52		80	

+75

14.6	14.5	15.25	14.62	15.05	15.34	15.11	14.75	15.37	14.6	14.4
2.5	2.6	1.86	2.49	2.06	1.77	2.00	2.36	1.74	2.5	2.7
37	35.2	34.0	34.1	26	0	26	33.4	34.2	35.2	39
Top			EP		EP		Top			Top
			-2.7		1.6		8.1		8.5	
			12.8		15.5		3.0		3.0	
			93		75		50		80	
			93		75		50		80	

42+50

15.1	15.0	15.73	15.09	15.48	15.70	15.49	15.26	15.90	15.2	15.1
5.0	5.1	4.42	5.06	4.67	4.45	4.66	4.89	4.25	4.9	5.0
37.2	36.2	34.8	34.2	26	0	26	32.1	33.7	34.6	37
Top			EP		EP		Top			Top
			-2.0		1.7		8.8		8.5	
			Excav. 22.1		13.4		11.3		11.6	
			Here 93		61		47		80	
			93		61		47		80	

TP Top R.H. 5/4 43+25 -5.78

14.37

20.15

20.15

X-SEC'S SUNSET EXT. BRIDGE TO MIDWAY CONTD

3-19-53

47+00

6.8	6.9	7.46	6.88	7.21	7.60	6.25	5.75	6.36	5.8	5.8
7.1	7.0	6.42	7.00	6.67	6.28	7.63	8.13	7.52	8.1	8.1
37	35L	34E	34E	26	0	26	36E	37E	38E	42
Top				EP		EP				Top
				-1.5	0.0		0.8	0.3		
				15.4	13.9		13.1	13.6		
				83	50		51	79		

+50

7.5	7.6	8.25	7.59	7.99	8.31	7.11	6.62	7.24	6.5	6.5
6.4	6.3	5.63	6.29	5.99	5.57	6.77	7.26	6.64	7.4	7.4
37	35E	34E	33E	26	0	26	34E	35E	36E	38
Top				EP		EP				Top
				-1.1	0.1		1.4	0.5		
				15.0	13.8		12.5	13.4		
				85	52		50	73		

46+00

8.1	8.4	8.98	8.36	8.72	9.07	8.13	7.74	8.38	7.8	7.8
5.8	5.5	4.90	5.52	5.16	4.81	5.75	6.14	5.50	6.1	6.1
37	35E	34E	34E	26	0	26	33E	34E	35L	37
Top				EP		EP				Top
				-0.8	0.8		0.9	0.4		
				14.7	13.1		13.0	13.5		
				79	54		52	76		

+50

9.2	9.3	9.86	9.28	9.62	9.97	9.23	8.98	9.54	9.0	9.0
4.7	4.6	4.02	4.60	4.26	3.91	4.65	4.95	4.34	4.9	4.9
38	36E	34E	34E	26	0	26	34E	34E	35E	38
Top				EP		EP				Top
				-1.5	0.2		1.1	-0.2		
				15.4	13.7		12.8	14.1		
				74	55		52	80		

45+00

3.8	3.6	3.0	3.62	3.26	3.91	3.50	3.71	3.07	3.6	3.7
10.1	10.3	10.90	10.26	10.62	10.97	10.38	10.17	10.81	10.3	10.2
37	36E	34E	34E	26	0	26	34E	34E	36E	37
Top				EP		EP				Top
				-1.6	-0.2		-0.3	-0.5		
				13.5	14.1		14.2	14.4		
				77	55		56	85		

44+50

2.7	2.6	1.94	2.60	2.24	1.85	2.42	2.61	1.97	2.7	2.8
38	36E	34E	34E	26	0	26	33E	34E	35E	37
Top				EP		EP				Top
				-1.1	-0.4		0.3	0.0		
				15.0	14.3		13.6	13.9		
				68	58		56	85		

T.P. Top R.H. Sta 45+50 7/4 9.97

T.P. 17.11

13.88

Lt.

£

Rt.

X-5FC'S SUNSET EXT. BRIDGE TO MIDWAY CONTD.

+50

52+00

+50

51+00

+50

50+00

X-SEC'S SUNSET EXT BRIDGE TO MIDWAY CONTD.

+22

54+00

+75

+50

53+00

Lt.

±

Rt

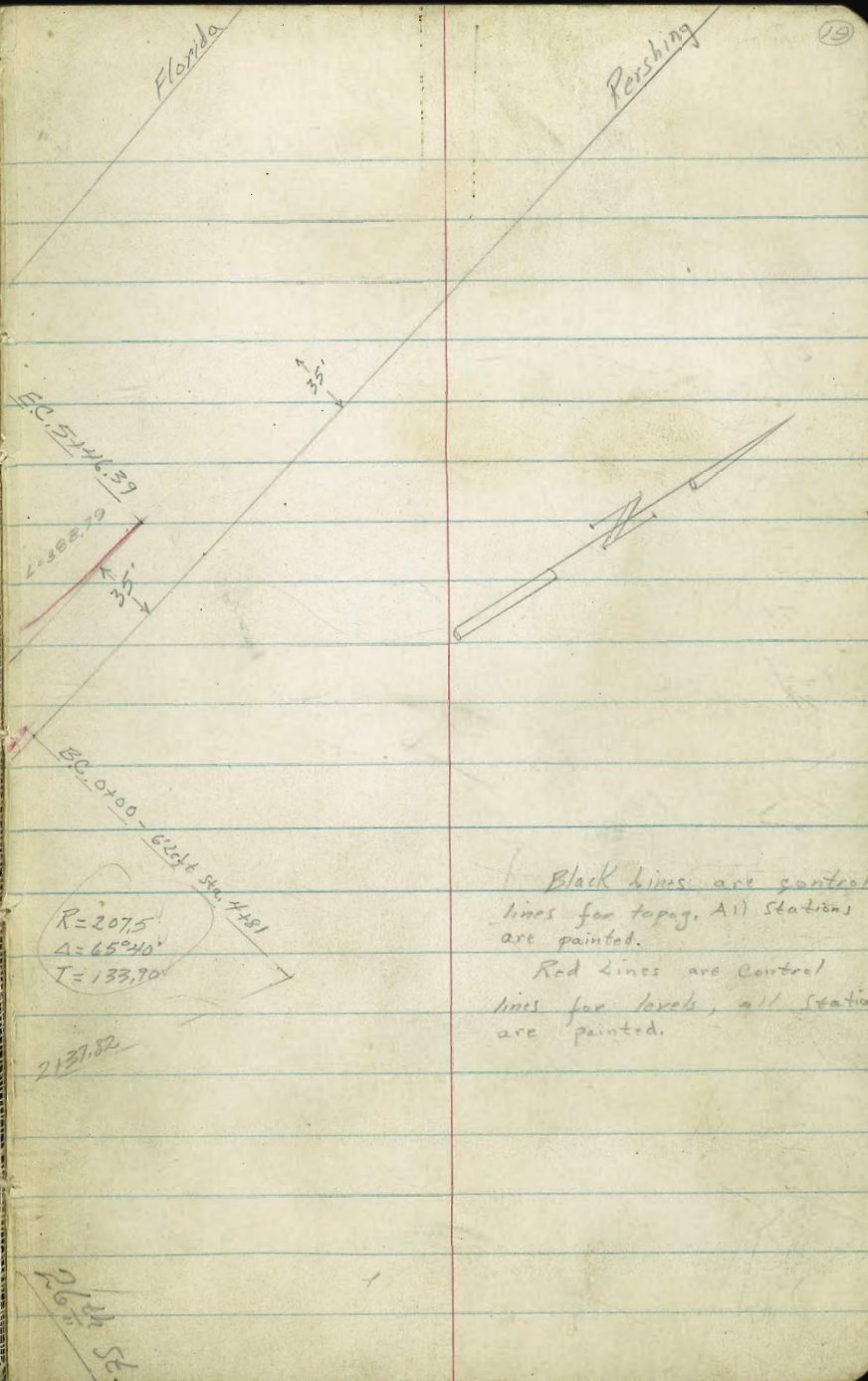
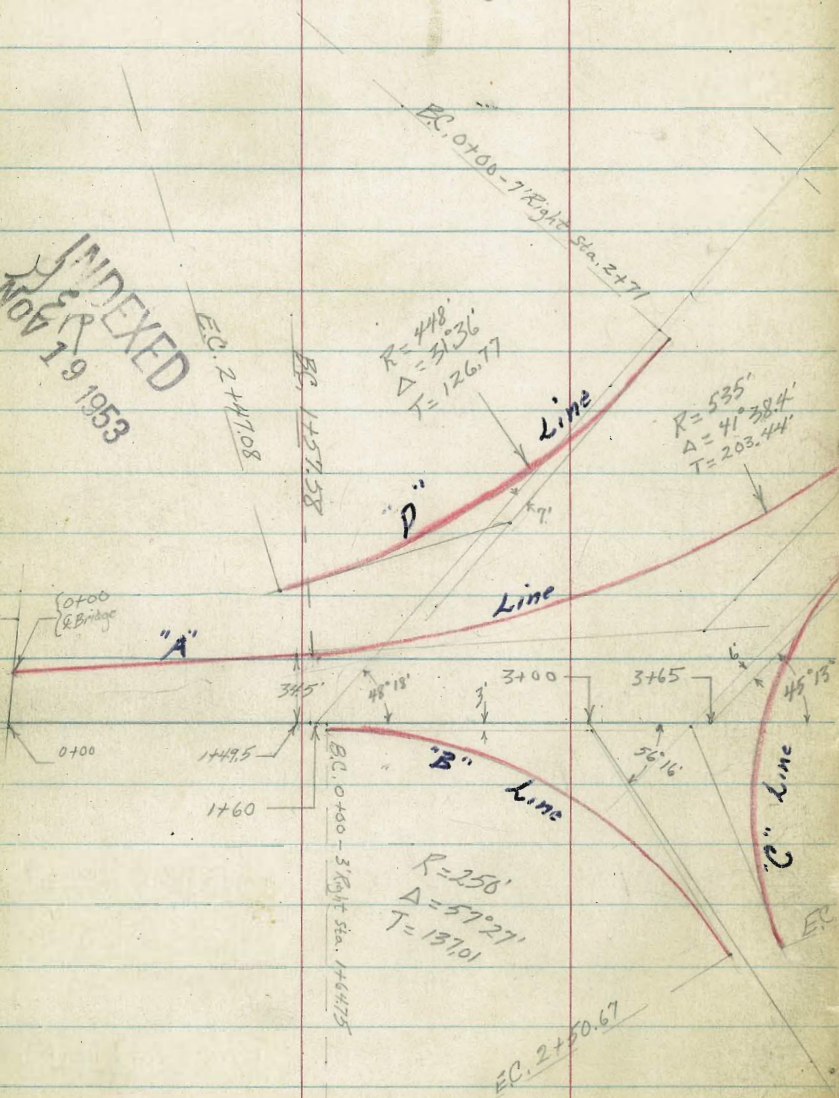
(18)

Roberts
Cota
Moore
Morales
11-18-53
W.O. # 20347

X-Section Intersection of
Florida, 26th and Pershing Dr.

See Hard Copy # 332-M

INDEXED
NOV 19 1953



Black lines are control lines for topog. All stations are painted.
Red lines are control lines for levels, all stations are painted.

26th St.

Contd From Page 19

"A" Line (Pershing)

Lt

Q

Rt (20)

T.P. 9.78 99.01 π 3.07 89.23

2+50

87.69 88.36 89.24 90.27 90.52
4.6 3.74 3.06 2.03 1.78
41 22 25 38

2+00

86.85 87.50 88.17 88.60 87.56
5.45 4.80 4.13 3.50 4.72
38 21 22 35

1+57.58 BC

87.12 87.49 87.71 87.10
5.18 4.81 4.59 5.20
19 20 48

1+00

85.88 86.72 86.88 86.81 86.25
6.42 5.58 5.42 5.49 6.05
33 14 16 42

0+50

86.76 86.56 86.72 86.58 85.80
6.04 5.74 5.58 5.72 6.50
28 13 13 37

0+00

Q Bridge & Ely Edge Bridge

86.17 86.42 86.49 86.27 85.99
6.13 5.88 5.81 6.03 6.31
26 13 13 26

BM

2.42 92.30 π

89.88 ^{BP in} Cobblestone Bridge

Pershing Drive

92.30 π

Cont'd From Page 20

T.P. 445 110.93 \nearrow 1.20 106.48

5+00

104.58	105.76	106.44	106.48	106.48	106.09
3.10	1.92	1.24	1.20	1.20	1.59
37	18	4		25	37

4+50

100.50	102.28	103.10	103.44	103.55	102.86
7.18	5.40	4.58	4.24	4.13	4.82
36	16		18	28	42

4+00

97.68	98.33	99.17	99.98	100.39
10.68	9.35	8.51	7.70	7.29
34	16		21	39

T.P. 9.51 107.68 \nearrow 0.84 98.17

107.68 \nearrow

3+50

92.23	94.12	95.06	96.23	96.74
6.78	4.89	3.95	2.78	2.27
36	18		24	39

3+00

89.13	90.41	91.45	92.46	93.03
9.88	8.60	7.56	6.55	5.98
39	21		22	39

99.01 \nearrow

99.01 \nearrow

Lt

£

Rt (2)

Contd From Page 21

"A" Line

Lt

£

Rt (22)

5746.39 F.C.

106.01	108.90	109.43	109.36
2.92	2.03	1.50	1.57
36	19	6	

109.29	108.89
1.64	2.04
24	37

110.937

110.937

Cont'd From Page 22
"C" Line (26¹/₂ st.)

Lt

Q

Rt

(23)

2+37.82 EC

90.52	91.20	91.44	91.25	91.01
8.31	7.63	7.39	7.58	7.82
20	14	11.5		19
cut				

2+00

91.28	91.89	92.14	92.27	92.18
7.55	6.94	6.69	6.56	6.65
18	12	7		16
cut				

1+50

92.43	93.06	93.62	93.72	93.80	93.94
6.40	5.77	5.21	5.11	5.03	4.89
16	12		7	14	20
cut					

1+00

94.78	95.58	96.17	96.13	96.32
4.05	3.25	2.66	2.70	2.51
17	12		14	20
cut				

T.P. 0.87 98.83A 12.97 97.96

98.83

0+50

98.08	98.69	99.22	99.22	99.04
12.85	12.24	11.71	11.71	11.89
17	11		8	19
cut				

0+00 BC "C" Line

101.12	101.75	101.96	102.13
9.81	9.18	8.97	8.50
11	6		9
cut			

110.93A

110.93A

Contd From Page 23
 "B" Line (26th St)

Lt

£

Rt

(24)

T.P. 435 93.57 π 9.61 89.22

2450.67 ES.

92.18 92.07 91.92 92.73 92.73
 6.65 6.76 6.91 6.1 6.1
 10 8 8.5 12
 Dirt

2400

92.65 92.06 91.45 91.22 92.23 92.23
 6.18 6.77 7.38 7.61 6.6 6.6
 20 10 5 9 12
 Dirt

1450

92.67 91.48 90.91 90.44 90.06 91.33 91.33
 6.16 7.35 7.92 8.39 8.77 7.5 7.5
 36 20 10 6 9 12
 Dirt

1400

90.59 90.01 89.55 89.18 90.73
 8.24 8.82 9.28 9.65 8.1
 25 10 8 12
 Dirt

0450

88.90 88.51 87.94
 9.93 10.32 10.89
 11 11

0400 BC "B" Line

87.38 87.04
 11.45 11.79
 11

98.83 π

98.83 π

Cont'd From Page 24

"D" Line (Florida)

Lt

Q

Rt 25

check

3.69 89.88 = 89.88

2+47.08 EC

86.33	85.91	85.37
7.24	7.66	8.2
	6	14
		Dirt

2+00

86.77	86.26	85.88	85.67
6.8	7.31	7.69	7.9
9		6	14
			Dirt

1+50

87.59	87.31	86.94	86.42	86.07
5.98	6.26	6.63	7.15	7.5
19	9		7	13
				Dirt

1+00

89.29	88.84	88.13	87.75	87.11	86.97
4.28	4.73	5.44	5.82	6.46	6.6
37	24	6		8	13
					Dirt

0+50

89.31	89.55	89.41	88.93	88.63	88.22	88.17
4.26	4.02	4.16	4.64	4.94	5.35	5.4
35	21	11		5	9	14
						Dirt

0+00 BC. "D" Line

89.83	90.22	90.35	89.99	89.65	89.25
3.74	3.33	3.22	3.58	3.92	4.32
37	23	10		5	10

93.57A

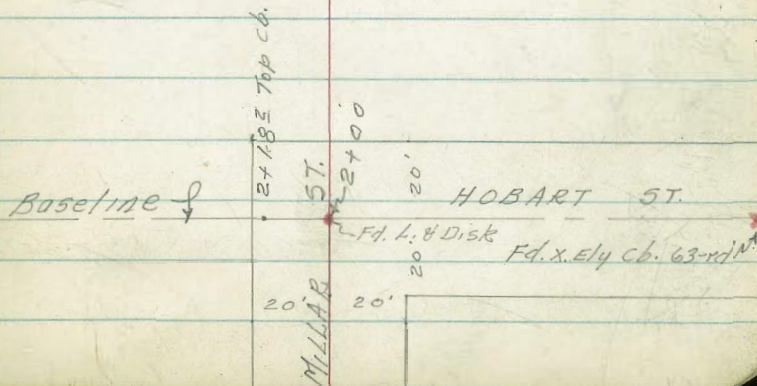
93.57A

Ref F.B. 2226-2018
DWG 1007B-Lr. 2008

Stampel
Allen
Huffman
Nordahl

(20)

CROSS SECTIONS OF CANYON AREA
NLY. OF HOBART & MILLAR ST. COLLWOOD
PARK AREA. W.O. 20006



CROSS SEC'S OF CANYON AREA NLY OF
HOBART ST. FOR FILL REQ'D.

± El.

1+25

458.15 458.2 458.0 449.3 447.9 447.1 457.1 457.9
2.92 2.9 3.1 11.8 13.7 14.0 4.0 3.2
18 20 26 40 50 69 83 100
T.C.B. Top Top

1+00

458.40 458.5 458.2 446.8 447.0 456.2 457.4 459.2
2.67 2.6 2.9 14.3 14.1 4.9 3.7 1.9
18 20 26 50 60 74 82 100
Top Top Top
CB Bank

0+75

458.62 458.8 458.6 449.3 458.2 459.4
2.45 2.3 2.5 11.8 2.9 1.7
18 20 30 48 66 75
T.C.B. Top Bank

0+60 = Top of Bank Sec.

458.75 458.8 458.5 459.7 460.2
2.32 2.3 2.6 1.4 0.9
18 20 47 57 75
T.C.B.

+2.57 461.07

± 461.07

T.P.

-7.63 458.50

Set PK. P.P. N° 276 B03 N1/4 Side Hobart

B.M. +1.73 466.13

464.70

Top FH 63.1 rd Hobart. (2228-45)

X- SEC'S CANYON AREA CONT'D.

2+16 - E Grate (Top) @ cb.

2+10⁴ = B.C. N/4 Cb. Habart St. - 18² Rt. 10-Opening

2+00

+75

1+50

E

456.36
 471 13.52
 15° 15°
 Top Grate F.L.
 @ cb

457.93 457.84 457.4 440.3 440.3 455.6 456.2
 3.64 3.7 3.7 20.8 20.8 5.5 4.9
 18 20 27 55 63 86 100
 T.cb Top Toe Toe Top

457.47 457.6 457.9 441.0 441.0 455.9 456.3
 3.60 3.5 3.2 20.1 20.1 5.2 4.8
 18 20 27 54 60 84 100
 T.cb Top Toe Toe Top

457.70 458.0 457.9 446.7 444.6 445.7 445.9 454.2 456.1
 3.37 3.1 3.2 19.4 16.5 15.4 15.2 6.9 5.0
 18 20 26 46 55 62 72 84 100
 T.cb Top Toe Top

457.95 458.0 457.9 449.2 446.5 446.9 456.1 457.3
 3.12 3.1 3.2 11.9 14.6 14.2 5.0 3.8
 18 20 27 40 53 71 85 100
 T.cb Top Top

461.07

Lt.

±

Rt.

2+46.8 47' R/L ± 18" R.C.P. Hd. Wall 4 R/L
for Elev See Constr. Plans.

2+37

+244

457.48

456.85
455.0
454.9
450.8
-0.63 2.5 2.66
12 12.80
T. Wall

445.5 440.8 437.6 437.8 455.9 456.3
12.0 16.7 ~~22.3~~ 19.9 19.7 1.6 1.2
13 27 ~~40~~ 50 57 85 100
Toe Toe Top

T.P.

-6.03

455.04

457.48

2+25-Top Bank Sec.

458.09 456.8 456.1 457.4
2.98 4.3 3.0 3.7
12 12 10 0
Top Place
R/L Wall

456.6 454.9 453.7 438.6 455.5 456.2
4.5 6.2 7.4 22.5 5.6 4.9
13 20 25 60 85 100

2+20 wly Line Millar St.

457.6
3 5
0

457.1 438.8 438.8 455.7 456.3
4.0 22.3 22.3 5.4 4.8
20 52 60 85 100
Top Toe Toe Top

2+18 = Wly Curbing Millar St.

457.53
3 5
0

457.1
4.0
20

461.07

Lt

E

B.M. - 0.17 464.38 = 464.40

+ 9.51 464.55

T.P. - 2.44 453.04

3+00	455.0	451.4	450.3	438.9
	25	6.1	11.7	18.6
	24	14	0	20
	Top			

28.0	429.5	437.9	454.1	454.5
	19.6	34	3.0	
	50	70	90	100
	Top			

2+75 - 18' Lt & P.P.N. 276809

2+75

Ground & End	453.4	453.0	449.0	442.2
	4.1	4.5	8.5	15.3
	12	8	0	18
	Top			

Top	434.7	433.4	437.4	453.8	454.6
	22.8	24.1	20.1	3.7	2.9
	36	43	60	90	100
	Top				

2+50

End (ok, Wall & Base) Stucco House	454.5	454.0	450.9	443.3
	3.0	3.5	7.1	14.2
	12	8	0	20
	Top			

Top	437.1	435.0	438.6	455.5	456.2
	20.4	22.5	18.9	2.0	1.3
	37	50	62	86	100
	Top				

457.48

X-sec Morrell - Pacific Beach Drive
TO Grand Ave

LT=NY

Morrell
To NY

RT=city-

33

27.7
1-
100

18.9
99
100

48 RT= of Sewer Manhole

0-30 = of Pacific Beach Drive

25.6	25.1	24.3	23.5	23.53	22.6	21.7	21.3
32	37	45	53	527	62	71	75
50	40	20	20	48	20	40	50
			NY	Rim SMH			

25.8	24.4	24.03	22.69	22.90	22.7	22.4
30	44	47	61	590	61	64
30	49.82	199	30.8	394	40	50
		NY edge	TOP CB	edge of NY's walk		

106 LT= NY add at wly curb Morrell (Low Return)

308 RT= NY end of ELY curb MORRELL ST (6' RT)
NY edge h.c. paving to sly.

0-60 = sly line Pacific Beach Drive

23.74	23.76	23.30	23.47	23.36	22.95	22.44	22.24
506	554	550	537	544	585	636	656
106	106	782	775	1014	192	282	308
T.C	90T		NY	NY		90T	90T
			2880	X			

Drive + wly 5' Line Morrell

TP4 4.86 28.80 4.30 23.94

on L+city disk 3' tie back of sly line + Pacific Beach

TP3 13.25 28.24 7.18 14.99

on Hub & Morrell + Oliver

TP2 5.72 22.17 12.24 16.45

TP1 0.33 28.69 13.24 28.36

BNI 1.25 41.60^v 40.35

NEWT Lamont + Oliver

X-sec Morrell cont

WM = water meter

LT = W14

2
Morrell
To W14

RT = cly.

24

1+00

22.71	21.99	20.5	19.8	19.6	19.3	18.0	17.6
6 ⁰ ₉	6 ¹ ₈	8 ³	9 ⁰	9 ²	9 ⁵	10 ⁸	11 ²
50 ON DRIVE	40 ON DRIVE	25	16		23	40	50

0+84- 26° LT = 8' W14

0+75

22.7	22.1	20.5	20.1	19.9	19.0
6 ¹	6 ⁷	8 ³	8 ⁷	8 ⁹	9 ⁸
40	29	16		25	40

0+52- 39° LT = 8' wide conc drive

24.92	24.26
3 ⁸⁸	4 ⁵⁴
51 ⁰ ON DRIVE	39 ⁵ ON DRIVE

0+50

24.90	24.29	21.2	21.0	20.6	19.7	19.3
3 ⁹⁰	4 ⁵¹	7 ⁶	7 ⁸	8 ²	9 ¹	9 ⁵
50 ON DRIVE	40 ON DRIVE	14		25	40	50

0+25

24.6	22.3	21.9	21.5	20.1
4 ²	6 ⁵	6 ⁹	7 ³	8 ⁷
40	16		25	40

26° RT = 8' water meter

0+00 = N1/4 Line Pacific Beach Drive

25.0	24.4	24.0	23.1	22.7	22.0	21.1	20.6	18.9
0 ⁸	3 ⁸	4 ⁴	4 ⁸	5 ⁷	6 ¹	6 ⁸	7 ⁷	8 ²
100	50	40	28	16		26	40	50

28.80 ↑

X-sec Macrell cont

LT = W.N.I.

Macrell

RT = ELY

35

1464 26^E LT = ϕ W.N.I.

1450

21.0	20.4	18.9	18.4	18.1	18.0
78	84	99	104	107	108
50	40	18		40	50

1443-40^E LT = ϕ 4" wide conc walk

21.09	20.52
77 ^L	82 ^B
50 ^E walk	40 ^E walk

1435¹² = Nly Line E+W Alley

20.6	19.3	18.8	18.4
8 ^Z	9 ^E	10 ^E	10.4
40	16		40

1425¹² = ϕ E+W Alley
0.5' LT = ϕ SMH

25.7	21.2	20.6	19.5	19.04	19.0	18.7	18.4	16.8
3 ^L	7 ^E	8 ^Z	9 ^E	9 ^E	9 ^E	10 ^L	10.4	12 ^E
100	50	40	16	0.5' SMH		22	40	100

1415¹² = Sky Line of E+W Alley

20.8	20.6	19.6	19.2	19.1	17.9
8 ^E	8 ^Z	9 ^Z	9 ^E	9 ^Z	10 ^E
40	25	16		21	40

1414 - 23^Z LT = ϕ 14" power pole # J4148.

1405 - 29^E LT = ϕ 12' wide conc drive

22.89	21.88
59 ^L	69 ^Z
53 ^L floor	39 ^E drive

28.80 T

X-sec Makrell cont.

2+50²⁵ = 514 Line Oliver Ave

2+50-40² LT= end 8" conc block wall

2+26-40² LT= begin 8" conc block wall

2+25-26² LT= ♀ W.M.

TP5 6.58 22.28 13.10 15.70

2+00

1+75

LT= W.M.				♀	RT= aly			36
21.4	17.1	16.0	15.8	15.6	15.3	15.7	15.2	
0 ⁹	5 ²	6 ³	6 ²	6 ⁷	7 ⁰	6 ⁶	7 ¹	
100	40	30	20		20	40	100	

19.82	16.6	17.1
246	57	5 ²
40 ²	40 ²	40 ²
TOP WALL	FOOT	9 ²

19.85	18.7	19.8
243	3 ⁶	2 ⁵
40 ²	40 ²	40 ²
TOP WALL	FOOT	9 ²

19.7	18.4	16.6	16.1	16.1
26	39	57	6 ²	6 ²
40	23	15		40

22.28 π

20.1	19.6	18.4	17.7	17.0	16.9	16.8
87	9 ²	10 ⁴	11 ¹	11 ⁸	11 ⁹	12 ⁰
50	40	18	16		40	50

19.9	18.5	17.7	17.5
89	10 ³	11 ¹	11 ³
40	16		40

28.80 π

X-sec Morrill cont

0+44-42⁸ RT = 8 wide conc walk

0+31-26¹ RT = 4 W.M.

41⁵ LT = eiy of Stucco House
0+25-42⁸ RT = Wly of Stucco house

0+05

0+03-33 RT = 4 5 W.M.S.

3+30²⁵ } = Nly line Oliver Ave
Back = 0+00 Ahead

3+20

2+90²⁵ = 4 Oliver Ave

2+68-50³ LT = 4 1/2" power pole # 1999

2+53-28⁰ LT = 4 W.M.S.

LT = wly

4 Morrill

RT = oiy

31

20.19
20.9
42⁸
walk

19.9	19.8	17.1	17.5	17.5	14.6	20.4	20.4
24	25	52	48	48	27	12	19
41 ⁵ eiy of Stucco House	40	33	27	17	30	40	42 ⁸ grat wly of Stucco House

19.8	19.6	19.6	16.8	16.7	16.4	16.6	16.4	17.5	19.2	19.5	19.7
25	27	27	55	56	59	57	59	48	31	28	26
50	40	39	32	26	22		20	32	37	40	50

19.1	16.9	16.7	16.7	16.3	16.4	15.6	15.7	16.4	16.8	14.1	17.3
32	54	56	56	60	59	62	61	59	35	32	50
100	50	40	28	24		20	27	33	40	50	100

17.1	16.3	16.1	16.1	15.8	15.4	15.3
52	60	62	62	65	69	70
50	40	20		20	40	50

19.6	16.7	16.4	15.8	15.4	15.1	14.8	14.7	14.7
27	56	59	65	69	72	75	76	76
100	50	40	20	20	40	50	100	

22.28

X-sec Marcell cont.

LT = W14

Marcell

RT = c14

38

0+58-40° RT = 2 8° wide conc Drive

21.77	21.26
+0.51	+1.02
40° Dr	58° 90° Block

0+52

20.97	20.44	19.4	18.8	19.0	14.5	21.7	21.7	20.7
131	184	29	31	33	28	0.6	+0.6	+1.6
41.5	37.5	24	18		16	28	40	50
51.2 in Drive	21.4 at Dr.							

20.78	19.9	20.4	19.9
150	24	12	24
40° Top Walk Foot	40° Foot	40° 90	32° Foot

Wall Perpendicular to 4 Marcell
 28° LT = 4 end of 6" conc Block
 27° LT = 4 10" Tel pole # 577576H

20.1	20.73	18.9	19.4
22	155	34	29
32 90	28° Top Wall	28° Foot	28° 90

0+50

20.32	20.21	19.1	18.5	18.9	19.2	20.6	20.4	20.4
196	207	32	38	34	31	12	19	19
40 in Walk	32 in Walk	27	18		16	32	40	50

0+49-27° LT = 4 3' wide conc walk with

Steps

0+48-25° LT = 4 W.M.

20.32	20.21	19.06
196	207	322
40 in Walk	32° Top Step	278 Walk

22.28 A

X-sec MORRELL CONT

0 0+91

0

0+90

0+89

0+75 - 43° RT = wly of stucco House

TPc 9.64 31.40 0.52 21.96

0+72 - 25° LT = ϕ W.M.I.

0+69 - 25° RT = ϕ W.M.I.

0+58 - 37° LT = ϕ 9' wide conc drive

LT = W.M.I.

ϕ
MORRELL

RT = 014

39

23.0	23.0	22.2	21.6	21.2	21.4	21.9	22.9	23.8	24.3
8 ⁴	8 ⁴	9 ²	9 ⁸	10 ²	10 ²	9 ⁵	8 ⁵	7 ⁶	7 ¹
40	31 grat wly of Wall	30 ³ grat Ely of Wall	28	16		17	20	27	40

Parallel to ϕ
begin 8" Conc Block Wall
SELY
CORNER
Wall

23.0	23.62	20.8	21.7
8 ⁴	7 ⁸	10 ⁶	9 ⁷
31 ² grat wly wall	30 ² Top Wall	30 ³ Foot	30 ³ grat Ely of wall

21.1	21.1	21.2	21.4	21.7	22.7	23.6	24.0
10 ³	10 ³	10 ³	10 ²	9 ⁷	8 ⁷	7 ⁸	7 ⁴
40	30	16		17	20	27	40

21.1	21.1	20.7	20.2	20.5	20.8	22.9	23.5	23.5
10 ³	10 ³	10 ⁷	11 ²	10 ⁹	10 ⁶	8 ⁵	7 ⁹	7 ⁹
41 ² grat House	40	30	20		16	25	40	43 ² grat wly of stucco House

31.40 T

21.05	21.03	20.85	20.97
12 ³	12 ⁵	14 ³	18 ¹
51 ² on Drive	41 ⁵ Brk	40 ² Dr	37 ² Drive

22.22 T

X-see MacRoll ST
 W.M. = Water Meter

1+24⁹² = Sly Line ESW Alley-

1+23-24⁵ RT = 2 W.M.

1+20-26² RT = 2 W.M.

1+19-28⁵ LT = 2 4" tree

TPq 4.40 31.39 4.41 26.99

1+10-34² LT = 2 4⁵ conc walk

1+02-30³ LT = end 8" conc block wall

422 LT = ELY of Frame + Stucco House
 1+00 - 43² RT = WLY of Stucco House

0+99-28⁴ LT = 2 4" Tree

LT = WLY

2
 MacRoll

RT = ELY

40

23.8	23.6	23.5	23.7	25.1	24.8
7 ⁶	7 ⁸	7 ⁹	7 ⁷	6 ²	6 ⁶
40	18		16	24	40

31.39

on SW BP Reed + MacRoll

23.46	23.43
7 ⁹	7 ⁹
40 ²	34 ²
WALK	WALK

23.3	23.65	22.8	23.2
8 ¹	7 ⁵	8 ⁶	8 ²
31 grat WlyWall	30 ³ Top Wall	30 ³ Foot	30 ³ grat ELY

23.3	23.3	23.3	22.9	22.0	22.0	22.3	23.3	24.0	24.3	24.3
8 ¹	8 ¹	8 ¹	8 ¹	9 ⁴	9 ⁴	9 ¹	8 ¹	7 ⁴	7 ¹	7 ¹
422	40	31	30	17		18, 20	27	40	43 ²	

31.40

opening thro fence
2+05-40⁰ RT=φ 13 wide conc drive

2+00

1+98-27⁰ LT=φ 10" pepper tree

1+75

1+48⁴ 40³ LT=end conc block wall

Wall is 3⁵ in length along street

1+44⁹² } 40³ LT = begin 8" conc block wall
 } 40³ RT = begin 4' high picket fence
 = Nly Line EDW Alley.

1+34⁹² } 4⁵ RT = φ Sewer Manhole
 } 0² RT = φ Sewer Manhole
 = φ E.W. Alley.

1+26 30⁵ RT = φ 10" Power Pole JP4215

26.2	26.5	27.0	26.9	26.8	27.9	28.0	27.8
5 ²	4 ⁹	4 ⁴	4 ⁵	4 ⁶	3 ⁵	3 ⁴	3 ⁶
50	40	16		18	26	40	50

25.5	25.6	26.0	25.8	27.3	27.3
5 ⁹	5 ⁸	5 ⁴	5 ⁶	4 ¹	4 ¹
40	18		18	26	40

29.10	24.1	24.7
2 ²⁹	7 ³	6 ⁷
40 ³ Top Wall	40 ³ Foot	40 ³ 9 ²

29.10	24.1	24.7	24.7	24.3	24.6	24.6	24.9	25.8	26.1
2 ²⁹	7 ³	6 ²	6 ²	7 ¹	6 ⁸	6 ⁸	6 ⁵	5 ⁶	5 ³
40 ³ Top Wall	40 ³ Foot	40 ³ 9 ² Wall	40	20		18	24	28	40

23.1	24.0	23.9	23.9	24.10	24.27	24.2	24.8	25.3	23.3
0 ³	7 ⁴	7 ⁵	7 ⁵	7 ³⁰	7 ¹²	7 ²	6 ⁶	6 ¹	0 ¹
100	50	40	18	0 N. E/W 5' 11" SMH	45 E/W 5' 11" SMH	20	22	40	100

40^e RT = end 4' high picket fence
 X-see Morrell cont
 21² RT = sly end curb Ret sly Ret
 21³ RT = sly end curb Return SW Ret
 = sly edge Portland Conc
 2+69⁸⁴ = sly line Reed Ave

39⁵ RT = end 8' high Row of shrubs
 2+65-28¹ RT = Fire Hyd

TP8 7.27 34.26 4.40 26.99

2+60

2+46-27⁵ RT = 10" pepper tree

2+40

2+39-39⁸ RT = 3' wide Conc. Walk

2+20

2+16-39⁵ RT = shrubs
 & beginning 8' tall Row of

LT = wly
 RT = e ly
 6² 28.0
 26.66
 26.46
 25.74
 25.78
 25.79
 25.59
 25.35
 25.05
 26.07
 28.7
 760
 780
 852
 848
 847
 867
 891
 831
 819
 56
 40
 31³
 21²
 21²
 10
 10
 10
 21²
 21²
 30¹
 40
 Back
 Tic.
 90T
 Conc.
 90T
 Tic.
 Back
 Walk

~~3426~~

SW BP Reed + Morrell

28.7
 27.9
 27.0
 26.3
 26.1
 25.8
 26.6
 28.2
 28.9
 3¹
 3⁵
 4⁴
 5¹
 5³
 5⁶
 4⁸
 3²
 2⁵
 40
 30
 19
 17
 19
 26
 27
 40

28.3
 27.8
 27.0
 26.8
 26.7
 28.6
 28.4
 28.3
 3¹
 3⁶
 4⁴
 4⁶
 4⁷
 2⁸
 3⁰
 3¹
 40
 18
 15
 18
 28
 40
 50

28.39
 28.36
 28.36
 30⁰
 30³
 30³
 50⁰
 40⁰
 39⁸
 Walk
 Walk
 Walk

27.2
 27.7
 27.4
 27.1
 27.1
 28.4
 28.3
 4²
 3⁷
 4⁰
 4³
 4³
 3⁰
 3¹
 40
 17
 16
 19
 25
 40

~~3139~~

= Nly Line Reed Ave

21^E LT = Nly end of NWly Return

21^W RT = Nly end of NEly Return

= Nly edge Portland Conc

3+49.84 back = 0+00 ahead

L = 38'

Mid points of NWly + NEly Returns - 30' Rad

31.2	31.0	28.36	28.36	27.67	27.65	27.51	27.35	27.11	27.78	27.84	30.1	30.3
3'	3'	5 ²⁰	5 ⁹⁰	6 ⁵⁹	6 ⁶¹	7 ⁵	6 ⁹¹	7 ¹⁵	6 ⁴⁸	6 ⁴²	4 ³⁰	4 ³⁰
40'	35'	29 ⁵ Back of walk	21 ⁵ T.C.	21 ⁵ 90T	10	10	21 ⁷ 90T	21 ⁷ T.C.	29 ⁴ Back of walk	34 ⁴⁰		

27.96	27.25	26.66	27.27
6 ³⁰	7 ⁰¹	7 ⁶⁰	6 ⁹⁹
Top cb Midpoint	GUTTER Midpoint	GUTTER Midpoint	Top cb Midpoint

3+29⁸⁴ = Nly Curb Line Reed Ave

27.97	27.42	27.70	27.11	26.90	27.10	27.02	26.26	26.94	24.56	25.16
6 ²⁹	6 ⁸⁴	6 ⁵⁶	7 ¹⁵	7 ³⁶	7 ¹⁶	7 ²⁴	8 ⁰⁰	7 ³²	9 ⁷⁰	9 ¹⁰
100 T.C.	100 90T	50 T.C. BC	50 90T BC	20	20	20	50 90T BC	50 T.C. BC	100 90T T.C.	100 T.C.

3+09⁸⁴ = L Reed Ave - Portland Conc.

27.39	27.04	26.85	26.58	26.75	26.70	26.39	26.19	24.54
6 ⁸⁷	7 ²²	7 ⁴¹	7 ⁶⁸	7 ⁵¹	7 ⁵⁶	7 ⁸⁷	8 ⁰⁷	9 ⁷²
100	50	40	20		20	40	50	100

2+89⁸⁴ = Sly Curb Line Reed Ave

27.22	26.65	26.99	26.36	26.12	26.35	26.25	25.54	26.16	23.75	24.36
7 ⁰⁴	7 ⁶¹	7 ²⁷	7 ⁹⁰	8 ¹⁴	7 ⁹¹	8 ⁰¹	8 ⁷²	8 ¹⁰	10 ⁵¹	9 ⁹⁰
100 T.C.	100 90T	50 T.C. BC	50 90T BC	20	20	20	50 90T BC	50 T.C. BC	100 90T T.C.	100 T.C.

Mid points of SWly + SEly Returns 30' Radius

26.79	26.11	25.63	26.29
7 ⁴⁷	8 ¹⁵	8 ⁶³	7 ⁹⁷
Top cb Midpt.	GUTTER Midpoint	GUTTER Midpoint	Top cb Midpoint

34.26 A

X-sec Marrell

LT=wlly

Marrell

RT=ely.

44

0+46 - 40° LT = begin conc slab - patio

32.63
16³
40°
SELY
COR patio

0+45 - 35° LT = end 1' high eugenia Hedge

32.3 32.2 32.0 31.5 30.2 29.9 30.2 30.9 31.2 31.2
2° 2¹ 2³ 2⁸ 4¹ 4⁴ 4¹ 3⁴ 3¹ 3¹
40 35 22 10 16 13 18 40 41³
at
stucco
court

0+40

0+30 - 31° RT = 3° wide conc walk

30.90 31.06
3³ 3²
31° Walk 40° Walk

0+20 - } 41³ RT = SWly cor stucco courts
40⁵ RT = end conc block wall

31.8 31.7 31.4 29.5 28.8 28.7 28.8 29.5 30.7 31.0 31.0 30.8
2⁵ 2⁶ 3² 4⁸ 5⁵ 5⁶ 5⁵ 4⁸ 3⁶ 3³ 3³ 3⁵
40 36 28 17 16 13 14 23 40 40⁵ 40⁵
9⁵ feet

0+02 - } 37° LT = 2 W.M.
35° LT = 1' high begin Row eugenia Hedge

0+01 - 38° RT = 2 W.M.

0+00¹ - 40° RT = begin conc block wall

30.4 30.2 31.39
3⁹ 4¹ 2⁸
40⁵ 40⁵ 40⁵
TR FOOT Topwall.

34.26 T

X-sec. Morrell cont

LT = wly

Morrell

RT = ehy

45

TP9 4.66 38.73 0.19 34.07

0+89-37^E LT = 4° wide conc walk

33.68	33.61	33.60
0.58	0.65	0.66
50	40	37.5
Walk	Walk	Walk

38.73

0+87-31^E RT = 3° wide conc walk

31.46	31.13
2.80	31.3
31.2	40
Walk	Walk

0+85^S 41^L RT = NWly cor stucco counts

0+80

33.0	32.3	32.1	32.3	31.5	31.3
13	20	22	20	28	30
40	18	✓	16	23	40

0+75-31^E RT = 3° wide conc walk

31.08	31.08
3.18	3.18
31.2	40
Walk	conc
	Walk

0+63. 40° LT = end conc slab
NELY cor Patio

32.61
160
40°
NELY cor
Patio

0+60

32.61	32.3	31.5	31.1	31.5	31.2
165	20	28	32	28	31
40	20	17		15	40
ehy of					
slab					

34.26 T

X-sec MORRELL Cont

1+55- 40° LT = 2 9° wide conc drive

1+46- 27° LT = 2 10" power pole 4276

1+45⁰⁷

1+35⁰⁷ = 2 E W Alley = 2 Sewer Manhole

40° LT = 2 10" Tel Pole # 523682H

41° RT = 2 8" Tel Pole # 448809

40° RT = end 7' high Myrtle hedge

1+25⁰⁷ = Sky Line Edw Alley

2-2 Ribbons

1+08-39° LT = 2 Ribbon Drive - 7° wide

1+00

0+92- 40° RT = 2 begin 7' high hedge (myrtle)

LT = wly

2
MORRELL

RT = rly 46

35.10

35.00

36³

37³

50°
Drive

40°
Drive

34.9

34.9

34.1

33.9

33.3

33.2

38

38

46

48

54

55

40

26

18

20

40

34.6

34.8

33.9

34.08

33.5

33.0

33.2

4L

39

48

46.5

52

57

75

100

40

18

Ribbon
Drive

20

40

100

34.6

34.4

33.5

33.7

33.2

33.2

41

43

52

50

55

55

40

23

18

20

40

34.23

34.15

33.94

450

458

479

50

40

390

Dr

Dr

Ribbon
Drive

34.1

34.1

33.0

32.8

32.8

32.4

32.2

46

46

57

59

59

63

65

50

40

19

20

20

40

50

38,737

X-sec Morrell cont

on Lt Disk & Thomas Ave + W 7 Line MORRELL ST

LT= NW 1/4

2 Morrell

RT= E 1/4

47

TP₁₀ 5.25 36.96 7.02 31.71

2404-39³ RT = dirt floor NW 1/4 cor Lath House

2402-35¹ LT = end conc slab

2400

1498-40⁸ LT = Ramp carries through & single garage floor

1481-40⁴ RT = dirt floor SW 1/4 cor Lath house

1480 28° LT & 3' cluster Olive trees

1475

1473-35¹ LT = begin conc slab

36.96 x

35.15 35.15

358 358

402 NW 1/4 cor slab

35-1 NE 1/4 cor slab

35.16 35.16 34.9 34.5 33.9 33.6 34.2 34.0 33.7

35.7 35.7 38 42 48 51 45 42 50

40 on slab 35.2 Elyot slab 18 16 21 26 40 50

35.17

386

408 gar floor

35.31 35.16 34.7 34.2 33.8 33.7 33.9 33.5 33.3

342 357 40 45 48 50 48 52 54

40 on slab 35.2 Elyot slab 18 16 21 25 40 50

35.31 35.24

342 349

422 SW 1/4 cor slab

35-1 SE 1/4 cor slab

38.73 x

X-sec MaxRoll cont

Z+68⁶ = Sly edge A.C.

Z+65

Z+40-44° RT = wly of stucco house

Z+26 - 40° RT = end 2' high wood fence

Z+25 - 41° LT = end conc slab for carport

Z+20

Z+15 - 40° RT = begin 2' high wood fence

Z+05 - 41° LT = begin conc slab for car port

LT = wly

MaxRoll

RT = edly 48

31.57	31.59	31.49	31.34	31.15
5 ³⁹	5 ³⁷	5 ⁴²	5 ⁶²	5 ⁸¹
21	10	A.C.	10	21
A.C.	A.C.		A.C.	A.C.

36.4	36.2	36.3	35.5	32.6	31.9	31.7	31.4	32.0	32.5
0 ⁶	0 ⁸	0 ⁷	1 ⁵	4 ⁴	5 ¹	5 ³	5 ⁶	5 ⁹	4 ⁴
50	40	30	23	21	17		20	30	40

36.0	35.1	34.8	33.6	33.0	32.8	33.3	33.6	33.6
1 ⁰	1 ³	2 ²	3 ⁴	4 ⁰	4 ²	3 ⁶	3 ⁴	3 ⁴
40	26	18	16		20	30	40	44 ⁰
								what wly house

35.83

1³

41⁰
e/w of
concrete

35.7	35.6	34.4	33.7	33.5	33.8	33.6
1 ³	1 ⁴	2 ⁶	3 ³	3 ⁵	3 ²	3 ⁴
40	26	15		20	26	40

35.54

1⁴²

41⁰
e/w of
slab

36.96 x

X-sec Morrell

3+30¹⁵ = Nly curb line Thomas Ave

2

3+10¹⁵ = $\frac{1}{2}$ Thomas Ave

2

2+90¹⁵ = Sly curb line Thomas Ave

2

$L = 38^\circ$ $R = 30'$
Mid point of SWly + SELy Curb Returns

2

2+70¹⁵ = Sly line Thomas Ave

2

2+67-23³ LT = $\frac{1}{2}$ 10" Power pole # 4298

LT = Wly

RT = Sly 47

32.34 462 100 T.C.	31.89 507 100 9UT	32.06 490 502 T.C. BC	31.54 542 502 9UT BC	31.42 554 20	31.21 575 20	31.01 592 20	30.29 667 502 9UT BC	30.74 622 502 T.C. BC	28.91 815 100 9UT	28.87 809 100 T.C.
32.15 481 100	31.81 515 50	31.64 532 20	31.46 552 A.C.	31.19 577 20	30.47 649 50	28.60 836 100 A.C.				
31.89 507 100 T.C.	31.94 502 100 9UT	31.59 537 502 T.C. BC	31.09 587 502 9UT BC	30.91 605 20	30.73 623 20	30.56 640 20	29.80 716 502 9UT BC	30.20 666 502 T.C. BC	27.89 907 100 9UT	28.34 862 100 T.C.
31.61 538 Top cb SWly	31.14 582 9UT SWly	30.58 638 9UT SELy	31.04 592 Top cb SELy							
32.3 47 50	32.4 46 40	31.8 52 40								
32.20 476 316 Back at work	32.02 494 213 T.C.	31.56 540 213 9UT	31.55 541 10 A.C.	31.46 550 A.C.	31.30 566 10 A.C.	31.07 588 216 9UT	31.47 549 216 T.C.	31.52 544 316 Back at work		

36.96 π

X-sec Morrell cont

0+50

0+25

excess paving on Thomas ST
 0+01^S = Nly edge A.C. Pave Thomas Ave

TP₁₁ 7.71 41.14 3⁵³ 33.43

3+50¹⁵

21^S LT = Nly end of NWly cb Ret

21^S RT = Nly end of NEly cb Ret

3+50¹⁵ = Nly Line Thomas = 0+00 Ahead

3+41 - To show yardage on west

Mid points of NWly + NEly curb Returns
 L = 38' - Rad = 30'

LT = NWly

RT = NEly
 Morrell

RT = 011 50

36.5	36.4	35.6	34.3	33.4	33.4	33.2	32.7	34.0	34.1	32.5	32.4
46	47	55	68	77	77	79	84	77	70	86	87
50	42	40	20	17		10	18	23	34	46	50

37.1	36.0	34.7	32.6	32.7	32.2	33.1	32.1	31.9
40	51	64	85	84	89	80	90	92
50	40	23	16		19	27	40	50

32.12	32.14	32.06	31.93	31.57
90 ^S	90 ^S	90 ^S	92 ^S	95 ^S
21 ^S	10		10	21 ^S

41.14 ↑

36.90	36.89	32.7	32.56	32.45	31.96	31.13	32.03	31.88	31.51	31.99	32.05	31.8
40	39	33	31.5	21.5	21.5	10	49.3	50.8	54.5	49.7	42	52
			Back of Walk	T.C.	90 ^S		10	26.5	26.5	21.5	31.5	40
								90 ^S	90 ^S	T.C.	Back of Walk	

32.3	32.2	32.20	31.73	31.61	31.27	31.72	31.56
47	48	47	52.3	52.1	56.9	52.4	54.0
50	40	27.0	27.0	26.5	26.5	20	
32.10	31.58	30.05	31.50				
48	53.8	6.91	54.6				
T.C. NWly	90 ^S T.C. NWly Ret	90 ^S T.C. NEly Ret	T.C. NEly				

36.96 ↑

X-sec MORRELL COURT

LT=414

MORRELL

RT=014 51

1+34⁹³ = Sewer Manhole
ETW Alley

1³ 0⁵
200 150

39.1	37.3	36.8	36.1	35.7	34.95	34.6	34.1	34.2	34.8	34.8	34.3
1 ⁴	3 ⁸	4 ³	5 ⁰	5 ⁴	6 ¹	6 ⁵	7 ⁰	6 ⁹	6 ³	6 ³	6 ⁰
100	50	40	25	20	15	11	17	29	40	50	100

1+24⁹³ = Sky Line ETW Alley

37.1	36.4	35.3	35.2	34.8	34.4	33.9	33.9	35.0	34.8
4 ⁰	4 ⁷	5 ⁸	5 ²	6 ³	6 ⁷	7 ²	7 ²	6 ¹	6 ¹
40	23	21	10	12	18	28	36	40	

1+23-22 LT = 12" Power pole # P4348

38.09	37.29
30 ⁵	38 ⁵
45 ³ Floor	40 ³ Drive

1+22-40³ LT = end Conc drive

38.09	37.18
30 ⁵	39 ⁶
45 ³ gar Floor	40 ³ Drive

1+05 40³ LT = begin conc drive - 2 car garage
APT over gar

37.9	36.6	35.5	34.8	34.3	33.7	33.7	34.4	34.1	33.5	33.5
3 ²	4 ⁵	5 ⁶	6 ³	6 ⁸	7 ⁴	7 ⁴	6 ⁷	7 ⁰	7 ⁶	7 ⁶
50	40	28	18	13	22	23	36	40	50	50

1+00

37.8	36.8	35.9	34.5	34.0	33.7	33.4	34.0	33.9	32.9	32.9
3 ³	4 ³	5 ²	6 ⁶	7 ¹	7 ⁴	7 ⁷	7 ¹	7 ⁰	8 ²	8 ²
50	42	40	19	17	20	23	34	40	50	50

0+75

41.14

X-sec MORRELL

1+95-41² LT= S ELY COR
begin Stucco Court

1+85-40² LT= between Courts
2 4° Wide Conc Walk

1+75-41⁵ LT= N ELY COR
end Stucco Court

1+62 } forms Wly of Porch for 4 unit Court
40° RT= begin conc block wall.
garage
40° RT= end Conc Ramp for 2 car

41° LT= end Fence S ELY COR House
1+55-41° LT= begin Stucco Court

1+45° } 41° LT= begin 4' high wood fence
conc garage
40° RT= begin Ramp for two car

1+44⁹³ = Nly Line of Edw. Alley

LT= w. 1.1

RT= e. 1.1
MORRELL

52

39.74 39.1
140 20
4 1/2 4 1/2
Floor 5r

39.34 39.28
180 186
50° 40°
Walk Walk

38.9 38.9 38.8 36.7 35.9 35.0 34.8 35.2 35.5
22 22 23 44 52 61 63 59 56
4 1/2 40 36 25 18 25 28 40°
stat. wly of Wall & Porch

35.53 35.5 35.0 30.0 35.71
56 56 61 214 537
40° 40° 40° 40° 45°
Conc ground Foot Top wall garage
Ramp & Top Floor
Porch

39.29 38.6
185 25
4 1/2 4 1/2
Floor gr at
ELY of House

35.44 35.74
570 540
40° 45°
conc garage
Ramp Floor

37.5 36.9 36.0 35.1 34.3 30.4 30.9
36 42 51 60 68 62 62
40 35 20 16 30 40

41.14 x

X-sec MORRELL COURT

LT=July

MORRELL

RT=July 53

39.21
39.92
193 + 122
40° Top 5/4 Wall
40° Top 1/4 Wall

40° RT = begin conc Block wall for yard
for 115 Wly of Porch for courts
2+50 - 40° RT = end of conc Block wall + hot

40.3	40.0	39.3	37.3	37.7	37.8	37.1	38.0	38.5	38.0
08	11	18	38	34	33	40	31	26	31
40	31	28	25		14	27	29	40° ground	40° Footing Both walls

SELY COR
2+35 - 41° LT = begin stucco court

40.48
066 / 09
4 1/2 Floor
4 1/2 ground

2+25

40.0	39.7	39.7	39.0	37.2	36.3	36.7	36.9	36.7	36.0	36.7	37.3
11	14	21	31	39	48	44	43	44	51	44	38
40	34	28	27	22	20	12		15	27	29	grat Wly Wall + Porch

NELY COR
2+15 - 41° LT = end stucco court

39.4
17
4 1/2 gr-

2+00

39.1	39.1	36.2	35.8	35.9	35.4	36.0	36.3
20	20	49	53	53	57	51	48
40	35	20	12		26	28	40° grat Wly of wall + Porch

41.14 T

X-sec Morrell cont.

LT=only

2
Morrell

RT=ely 54

TP ₁₄ -Starting	B.M.	5.41	(40.35) ✓	40.33
TP ₁₃	5.63	45.74	0.07	40.11
TP ₁₂	8.47	40.18	9.43	31.71

X-sections stopped at Property

Grand Ave under Const. 11-29-54-

This Section will be changed by Grading

Z+69⁸⁶ = Sly Line Grand Ave

40.7	40.5	40.0	39.8	39.0	38.3	38.9	39.4	40.4	40.4
0 ⁴	0 ⁶	1 ¹	2 ³	3 ¹	2 ⁸	2 ²	1 ⁷	0 ⁷	0 ⁷
50	40	28	24	13		18	29	40	50

Z769- 40° RT = end conc block wall for yard

39.8	39.1	39.5
1 ³	2 ⁰	+1 ⁶
40 ^{4r}	40 ⁰	40
	Foot	Top wall

Z+55- 41² LT = end Stucco House (count) NELY COR

40.4
0⁷
4 1/2
ground

41.14

Clark
BRUNER
OWELL
4-21-55
W.O. 32510

BENCH LEVELS: UNIVERSITY -
ROLANDO - CELIA DRIVE - + ARAGON

Posted in Bench Books - 4-22-55

T.P.#9 3.63 366.98 6.53 363.35

T.P.#8 5.98 369.88 6.53 363.90 = Ch □ CB.B.C. N'wly Ret. University + ARAGON

T.P.#7 5.75 370.43 3.89 364.68

T.P.#6 7.79 368.57 0.67 360.78

T.P.#5 3.70 361.45 5.29 357.75 = Ch □ CB.B.C. - N'wly Return - University + Rolando Blvd.

T.P.#4 8.09 363.04 0.66 354.95

T.P.#3 9.86 355.61 1.18 345.75

T.P.#2 8.05 346.93 1.33 338.88

T.P.#1 10.07 340.21 0.64 330.14

B.M. 8.56 330.78 322.22 = Ch □ IN W'ly
OF N.W'ly CB. INLET - College
+ UNIVERSITY (Ow: 101 24-L) (1685-7A)

(Cont. Pg 57) - Celia- Drive

Tot + Rods = 82.94

82.92 = Tot - Rods

82.94 +
82.92 -
0.02 +

T.P. #16

9.95 322.24 = 322.22 =

Ch. □ wby end Nwly CB into University + College =
Stg B.M.

T.P. #14

1.83 332.19 12.27 330.36

T.P. #13

2.33 342.63 11.05 340.30

T.P. #12

0.19 351.35 10.37 351.16

T.P. #11

3.78 461.53 3.42 357.75 = 357.75 =

Ch. □ CB. B.C. N'wly Ret. UNIV. + Rolando

T.P. #10

3.33 361.17 9.14 357.84

CHELSEA - DY.

(cont Pg. 58)

T.P.#9 0.60 440.78 2.98 440.18 = ch \square

= [445.80

DWG: 11455-L]

W'ly END OF SLY-CB INLET 3' Ely OF Ely LINE OF COSGROVE HTS

T.P.#8 8.02 443.16 1.90 435.14

T.P.#7 10.89 437.04 0.29 426.15

T.P.#6 13.03 426.44 0.03 413.41

T.P.#5 12.72 413.44 0.80 400.72

T.P.#4 12.51 401.52 0.29 389.01

T.P.#3 13.09 389.30 0.20 376.21

T.P.#2 12.54 376.41 0.94 363.87

T.P.#1 11.96 364.81 6.30 352.85

B.M. 1.40 359.15 357.75 =

ch \square CB.A.C N'wly Ret. UNITY POLANDO

Note: This pt. ch'd through twice on circuit
see T.P.#5-11 Pg 55-56

Celia Dr.

TOT + Rods 104.70
 TOT - Rods 104.75
 .05-

Posted in Bench Books - 4-22-55 M^cQ

58

Note: The Terrain on this circuit was very steep - had time permitted it should have been double-rodged on run through on another ch. circuit. For greater accuracy -

A LINE OF LEVELS WAS RUN AGAIN TO INLET AT Celia Dr. From UNIV. of Rolando & resulted in an Elev. of 440.17 For the ch. in wly end inlet

T.P.#6 2.92 357.70 = 357.75

= ch. CB. 136 NWly Ret. University & Rolando

T.P.#16 6.18 360.62 12.91 354.44

T.P.#15 0.11 367.35 12.49 367.24

T.P.#14 0.33 379.73 12.74 379.40

T.P.#13 0.18 392.14 11.97 391.96

T.P.#12 0.17 403.93 12.37 403.76

T.P.#11 0.87 416.13 12.92 415.26

T.P.#10 0.10 428.18 12.70 428.08

Roberts
Rorer
Moore
Morales
8-12-55
I.N.O.#31226

Additional Notes on Broadway
Madera to 69th

See FB 1850 pg 59
(Used same stationing as FB 1850)

INDEXED

MEK
AUG 15 1955

0+34 6² Rt end barricade ✓

0+27 6³ Rt angle point in barricade ✓

0+11 23¹ Rt Angle in barricade ✓

0+02 22³ Rt to deadman ✓

0+00 & Madera

0-13 { 24⁸ Rt Angle pt in barricade ✓
21³ Rt to Near Edge T. Pole #427423A ✓

0-21 28² Rt angle pt in barricade ✓

0-26 34² Rt begin barricade ✓

BM 433 21 4.19 \bar{N} 269.86 Madera Hwy. \bar{N}

274.19 \bar{N}

Cont'd. From Page 59

Lt

♀

Rt

60

1477

²⁷⁵² +1.0	²⁷⁵² +1.0	²⁷³¹ 1.1	²⁷⁰⁰ 7.2	²⁶⁷¹ 7.1	²⁶⁷¹ 7.1	²⁶⁸⁰ 6.2	²⁶⁸⁶ 5.6	²⁷¹¹ 3.1	²⁷³⁸ 0.4
60	36	30	21	8	12	30	33	60	

1450

²⁷³⁹ 0.3	²⁷³⁶ 0.6	²⁷⁰⁹ 3.3	²⁶⁶² 8.0	²⁶⁵⁷ 8.5	²⁶⁵² 9.0	²⁶⁶⁹ 7.3	²⁶⁶⁷ 7.5	²⁶⁵⁵ 8.7	²⁷⁰⁰ 7.2	²⁷¹⁰ 3.2
60	35	30	22	15	20	30	42	50	60	

1425

²⁷³¹ 1.1	²⁷³¹ 1.1	²⁷⁰⁷ 3.5	²⁶⁵⁷ 8.5	²⁶⁴⁹ 9.3	²⁶⁴¹ 10.1	²⁶⁶⁴ 7.8	²⁶⁶⁰ 8.2	²⁶⁴⁷ 9.5	²⁶⁴⁶ 9.6	²⁶⁶⁸ 7.4	²⁶⁷⁹ 6.3
60	36	30	20	20	24	30	36	48	56	65	

1404

21° Lt. N.E. T. Pole # 519507H
(N.E. = Near Edge)

1400

²⁷¹⁸ 2.4	²⁷²⁵ 4.7	²⁶⁸⁹ 5.3	²⁶⁶⁰ 8.3	²⁶⁵⁷ 8.5	²⁶⁵⁷ 8.5	²⁶⁵⁷ 9.0	²⁶⁵⁷ 9.6	²⁶⁴⁶ 10.7	²⁶³⁵ 9.0	²⁶⁵² 9.0	²⁶⁵² 10.2	²⁶⁴² 8.5
60	37	30	23	18	8	6	24	28	30	46	55	

0485 22° Lt to deadman

²⁶⁴¹ 10.1	²⁶³⁵ 10.7
38	60

0460

Believe there is change on left.

²⁷⁰⁹ 3.3	²⁷¹⁰ 3.2	²⁷⁰⁶ 3.6	²⁶⁸⁴ 5.8	²⁶⁸³ 5.9	²⁶⁷⁶ 6.6	²⁶⁷¹ 7.1	²⁶⁴⁹ 6.4	²⁶⁵⁰ 9.2	²⁶⁴¹ 10.1	²⁶²³ 11.9	²⁶²³ 11.9	²⁶²⁵ 11.7
40	30	24	20	10	3	5	15	24	28	30	35	

27419X

27419X

Cont'd From Page 60

Lt

Rt

Rt 61

2763 23^S Lt begin wire fence ✓

2755 22^I Rt to NE 12" Euc. Tree ✓

2750

267.5	269.7	270.3	275.0	274.5	275.3	275.3	279.8	282.1	282.7
15.1	12.9	12.3	7.6	8.1	7.3	7.3	2.8	0.5	+0.5
60	30	25	16	13		8	16	30	40

2741 22^E Rt to NE 10" Euc. Tree ✓

2725 22^S Rt to NE 16" Euc. Tree ✓

267.6	268.5	269.2	271.6	270.8	271.7	271.9	276.2	277.3	278.3
15.0	14.1	13.4	11.0	11.8	10.9	10.7	6.4	5.3	4.3
60	30	22	16	14		7	17	30	40

2715 21^E Rt to NE 16" Euc. Tree ✓

2710 21^S Rt to NE P. Pal. # 76602 ✓

266.8	266.9	268.6	268.7	269.2	269.9	270.0	274.6	275.4	275.8
15.8	15.7	14.0	13.9	13.4	12.7	12.6	8.0	7.2	6.8
70	60	50	30	14		7	16	30	40

T.P. 10.80 28263A 2.36 271.83 ✓

282.63A

2704 21^E Rt to NE 16" Euc. Tree ✓

1790

2742	2740	267.6	267.7	268.1	268.0	269.0	269.9	272.1	2742
+0.2	0.2	6.6	6.5	6.1	6.2	5.2	4.3	6.1	+0.3
70	60	30	15		8	10	22	30	40

274.19A

274.19A

3+50 21⁴ Lt to fence ✓

3+29 20⁷ Rt to NE, 36" Euc. Tree ✓

3+16 21³ Rt to NE, 24" Euc. Tree ✓

3+12 19⁵ Lt to NE, T. Pole #414504H ✓

3+05 21⁴ Rt to NE, 12" Euc. Tree ✓

2+80 21⁴ Rt to NE, 16" Euc. Tree ✓

check 12.77 269.86 = 269.86

Believe this covers change and area.

2+75 for the location of a culvert.

2+67 21⁶ Rt to NE, 24" Euc. Tree ✓

282.63X

270.1	270.8	273.0	270.0	278.5	279.1	279.2	284.6	290.0	294.1
12.5	11.8	9.6	2.7	4.1	3.5	3.4	72.0	+37.4	+7.5
60	42	30	16	13		8	18	30	40

292.63X

5+60 20^e Lt to NE. Pepper Tree ✓

5+41 20^e Lt to NE. T. Pole # 519493H

5+34 20^E Lt to NE. 8" Pepper Tree ✓

5+13 21^E Rt to NE. 24" Euc. Tree ✓

5+09 21^E Lt to NE. 10" Pepper Tree ✓

5+03.5 21^o Rt to NE. Fire hydrant ✓

4+75 21^E Rt to NE. P. Pole # P 76603 ✓

4+72 27^E Rt to deadman ✓

4+40 30 Lt to fence ✓

4+00 30^E Lt begin of curve in fence ✓

11+73 21⁶ Rt to NE Fire hydrant ✓

9+97 28^E Rt to deadman ✓

9+85 28^E Rt to NE, P. Pole # 373026 ✓

9+68 18⁶ Lt to deadman ✓

9+50 18^E Lt to NE, T. Pole # 414505H ✓

8+89 26^E Lt End fence ✓

8+00 27^E Lt to fence ✓

7+82 18^E Lt to NE, T. Pole # 519474H ✓

7+27 30⁴ Rt to NE, P. Pole # 170859 ✓

7+13 ^{11.02} 20⁴ Lt to NE Pepper tree 14" ✓

7+31 29^E Lt to fence ✓

Cont'd From Page 64

65

11+87 29° R_t to N.E. P. Pole # 370486 ✓

Roberts
Torer
Moore
Moreles
8-12-55
No. #31526

INDEXED

AUG 15 1955

Additional Notes on Evelyn St.
Broadway to 69th

See FB. 1850 pg 59.

(Used same Stationing as FB 1850)

2+12 21 $\frac{1}{2}$ Rt to NE P. Pole #76604 ✓

1+90 20 $\frac{1}{2}$ Rt to NE 24" Pepper Tree ✓

1+54 29' Lt to fence (wire)

0+93 20 $\frac{1}{2}$ Rt to N.E. 24" Pepper Tree ✓

0+84 21 $\frac{3}{4}$ Rt to NE P. Pole #JP76883 ✓

0+68 21 $\frac{1}{2}$ Rt to NE. 10" Pepper Tree ✓

0+67 30' Lt to fence ✓
22 $\frac{3}{4}$ Rt to deadman ✓

0+00 @ Broadway

Contd From Page 66

5+73 { 21⁸ Rt to NE P. Pole # 76606 ✓
28⁹ Lt to NE P. Pole # P473956 ✓

4+27 21² Rt to NE P. Pole # P76605 ✓

4+01 20² Lt to NE 12" Pepper Tree ✓

3+70 24⁶ Rt to NE 14" Pepper Tree ✓

3+60 25³ Rt to NE 10" Pepper Tree ✓

3+28 29² Lt to NE 6" Pepper Tree ✓

3+19 22⁴ Rt to NE Pepper Tree (12") ✓

2+83 21⁹ Rt to NE 6" Pepper Tree ✓

2+82 27² Lt End fence ✓

2+40 20² Rt to NE 20" Pepper Tree ✓

10+44. 31° R to NE. Euc. Tree ✓

10+28 30° R to NE 18" Euc. Tree ✓

10+12 30° R to NE 20" Euc. Tree ✓

8+78 22° R to deadman ✓

8+62 21° R to NE P. Pole #76607 ✓

6+92 5° R to NE Pepper Tree (16" dump) ✓

6+57 63 R to NE Pepper Tree 12" ✓

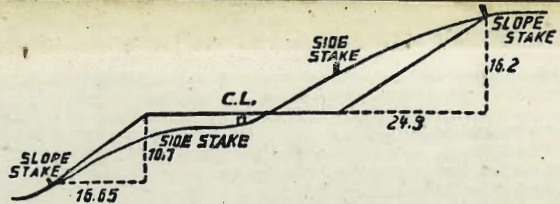
6+46 24° R to N.E. Fire Hydrant ✓

B.P. N. Cor. Culv. Hdwall
E. Side New Rd opp Sta 38400

4+6500
11+8216

24.73
14.27

1927
1477
3400



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.
SLOPE 1 1/2 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

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