FINAL NOTES

PROJECT 29-98

FORT SNELLING SIDEWALK

PROJ # 29-98

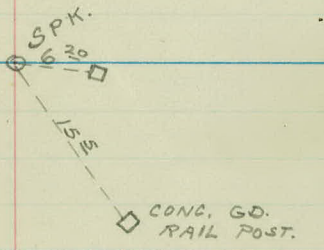
FINAL ALIGNMENT

Sta.	Pt.	∠L.	∠R.	
6+75.06	P.T.		19°-05'-30"	
+50			17°-50'	
6+00			15°-20'	
+50			12°-50'	
5+00			10°-20'	
4+91.80	P.I.			Δ· 38°-11'
+50			7°-50'	D· 10° R
4+00			5°-20'	T· 198.57
+50			2°-50'	L· 381.83
3+00			0°-20'	R· 573.69.
2+93.25	P.C.		0°-00'	

0+00 Beg. Ft. Snelling Bridge.

7-7-29

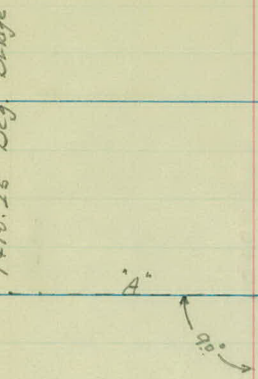
NAIL IN PAVE.



NAIL IN PAVE.

NAIL IN PAVE.

STA.	PT.	℄ L.	℄ R.	
13+00.55	℄ Mendota Pvt.			
12+82.40	End. Ramsey Co. Prt.			
11+55.16	P.T.	13°-04'-30"		
+50		12°-35'		
11+00		7°-39'		
10+90.33	P.I.			Δ. 26°-09'
+50		2°-43'		D. 19°-43' L.
10+22.52	P.C.	0°-00'		T. 67.81'
				L. 132.64'
				R. 292.04'

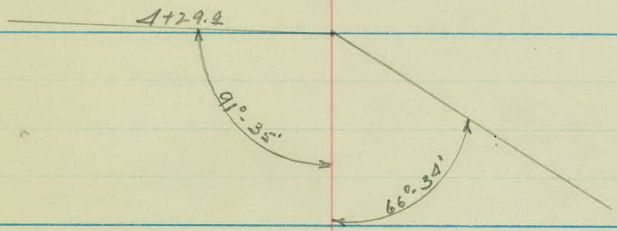


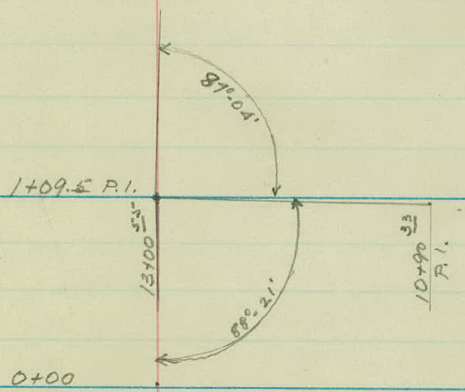
Nail in Pave.

Nail in Pave.

Nail in Pave.

7-9-29





Proj # 29-98.

FINAL TOPO.

+50

2+00

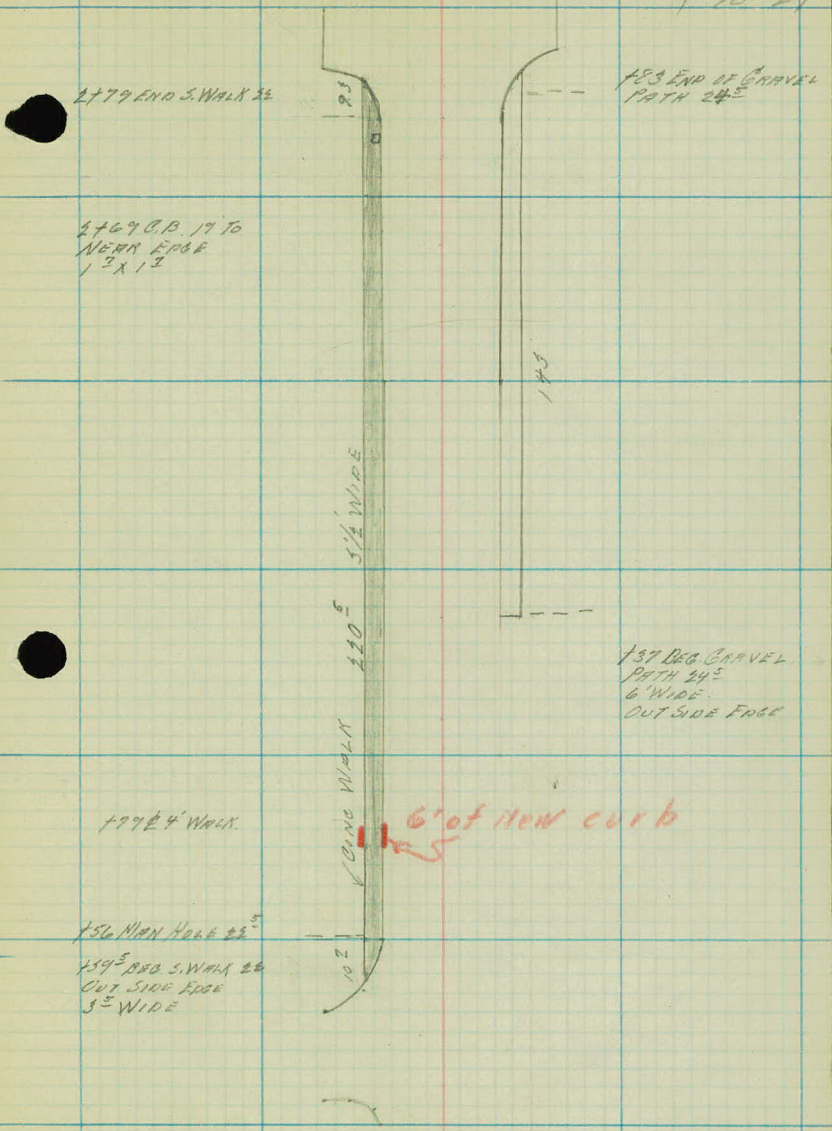
+50

1+00

+50

0+00

7-10-27


2779 END S. WALK 22
2769 C.B. 17 TO NEAR EDGE 1' X 1'
+83 END OF GRAVEL PATH 24±
145'
5'½' WIDE
220.5
137 DEG GRAVEL PATH 24± 6' WIDE OUT SIDE EDGE
+77 E 4' WALK.
6' of New curb
11.5
156 MAN HOLE 22.5
+59.5 DEG S. WALK 22 OUT SIDE EDGE 3± WIDE
10'2"

+50

5+00

+50

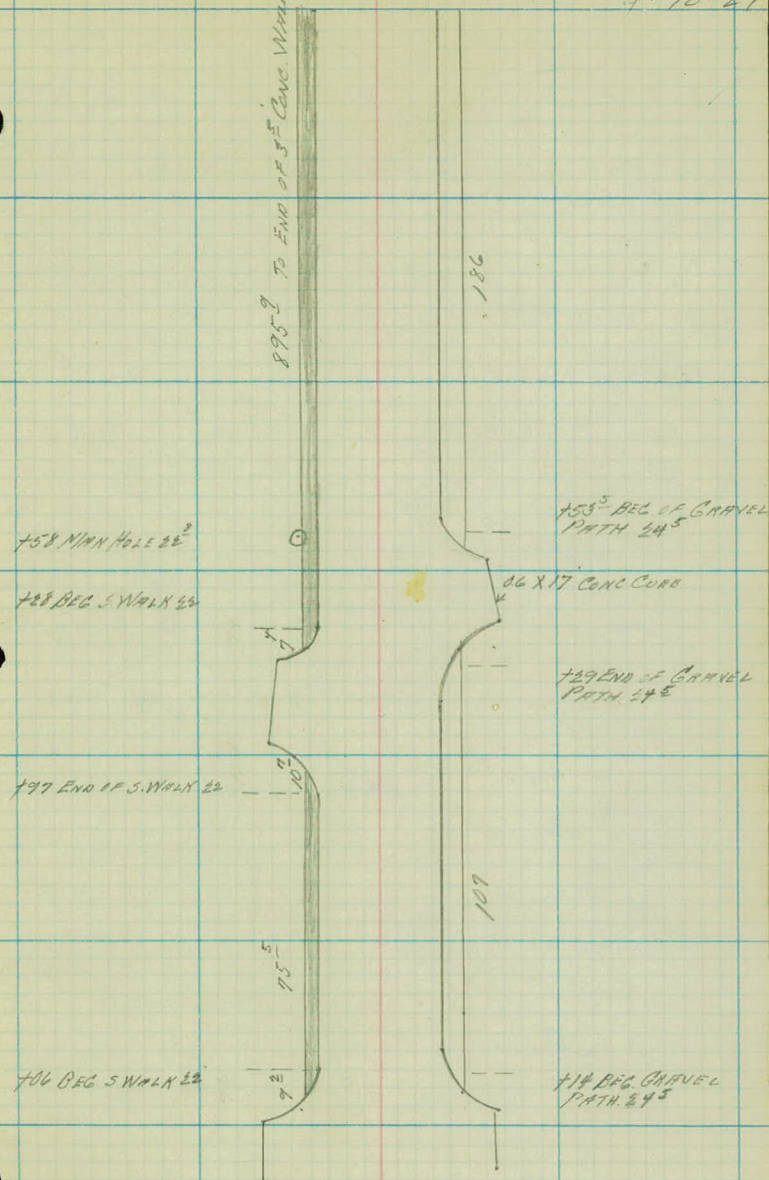
4+00

+50

3+00

2+50

7-10-29


895-9 To End of 5' Conc Walk
186
+53 Man Hole 22
+53 Beg of Gravel Path 24
+28 Beg S Walk 22
16 X 17 Conc Curb
+89 End of Gravel Path 24
+97 End of S Walk 22
107
+06 Beg S Walk 22
+14 Beg Gravel Path 24

+50

8+00

+50

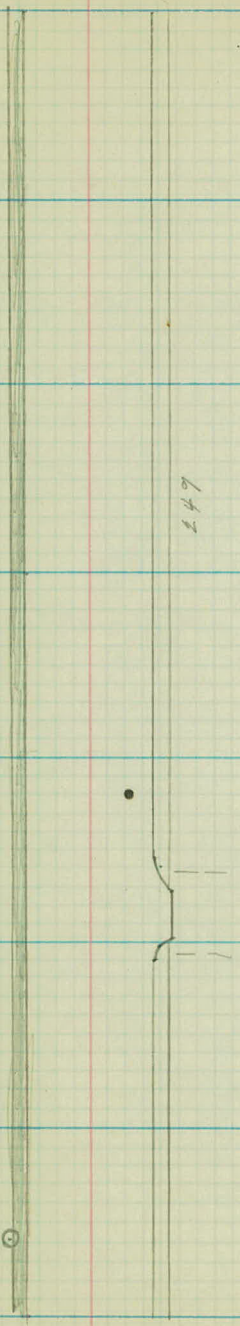
7+00

+50

6+00

+50

7-10-27



+50

11+00

+50

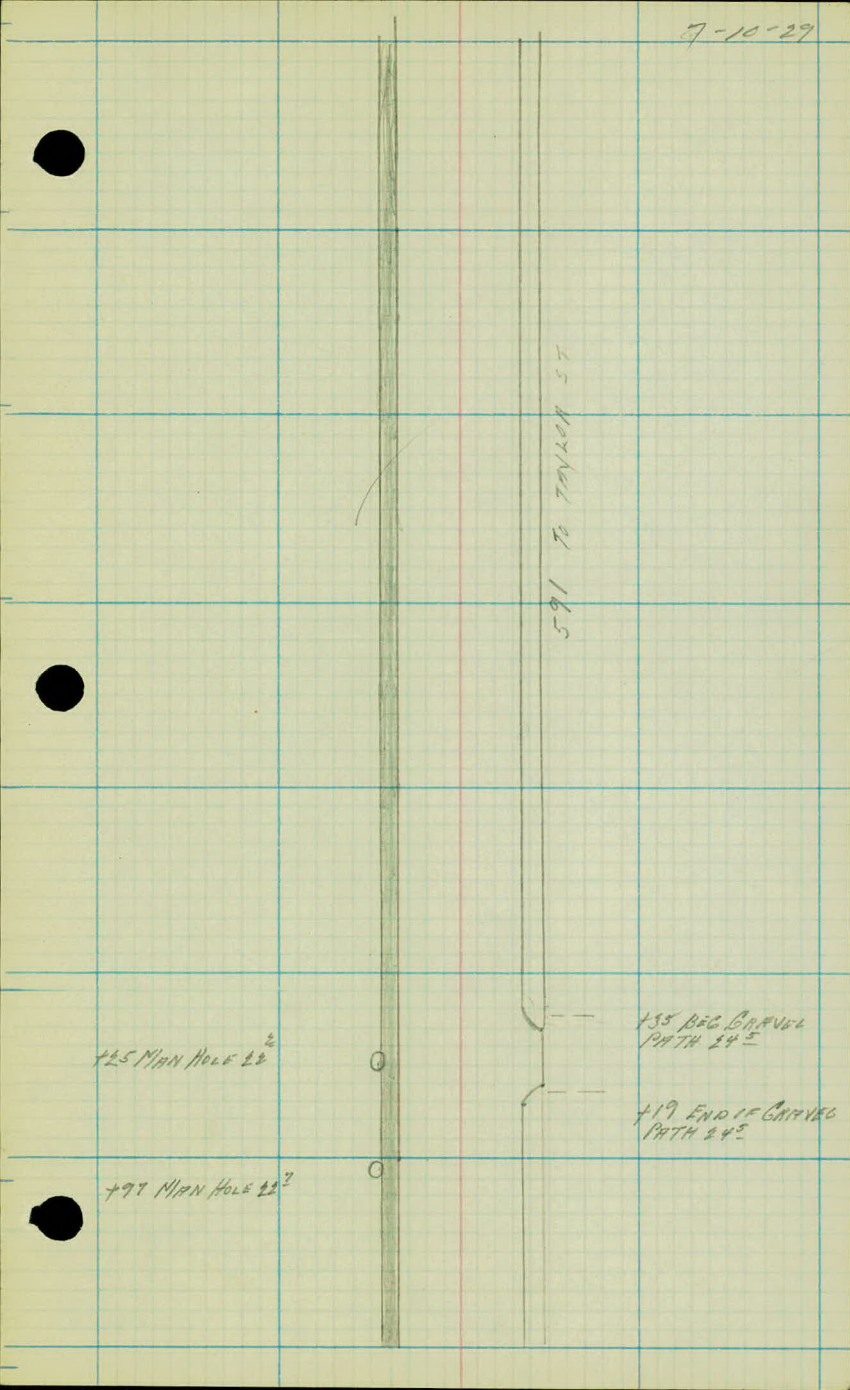
10+00

+50

9+00

+50

7-10-29


591 TO MAIN ST
+35 BEG GRAVEL PATH 24"
+19 END OF GRAVEL PATH 24"
+25 MAN HOLE 22"
+97 MAN HOLE 22"

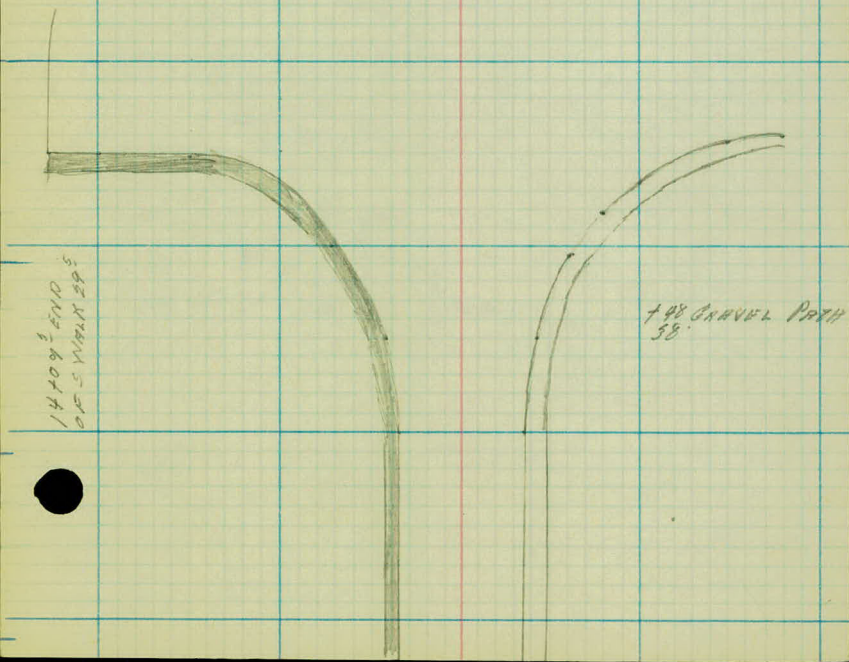
13 feet

50

12 feet

50

7-10-29



1450

2400

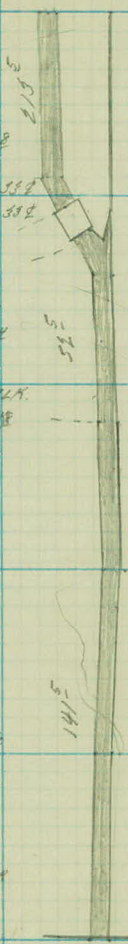
450

1400

450

0400

7-10-29



2+10 & S. WALK 37 8 4 WIDE
+77 BEG 4' S. WALK 33 4
+77 END OF STEPS 33 4 5 2 WIDE 9' LONG
+70 BEG OF STEPS
+92 S. WALK 26
+99 5 S. WALK 5 29 2
+98 CURB 19 2
+98 BEG CURB 22 7
+79 S. WALK 23 4 & 19 7
+41 BEG OF 4' WALK.
+41 END OF 3 5 WALK
+41 END OF CURB 18
+41 S. WALK 22 8 & 18 2
CURB 18 4
+50 S. WALK 24 9
+08 C.B. 22 6 NEAR EDGE 1 2 X 1 2
+00 BEG OF S. WALK 26 6 TO OUT SIDE EDGE 3 5 WIDE.

+00 GRAVEL PATH. 23
+52 GRAVEL PATH 48 6 WIDE. OUT SIDE EDGE

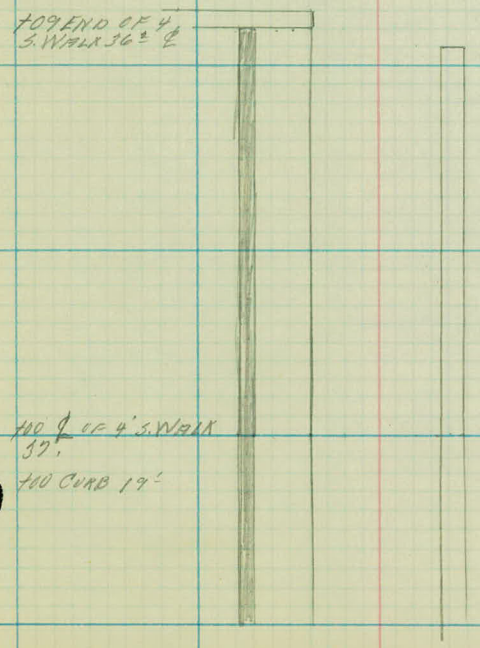
4700

750

3700

750

7-10-29


+09 END OF 4' S. WALK 36 ℄
+04 END OF GRAVEL PATH 24 ℄ 6' WIDE OUT SIDE EDGE
+00 ℄ OF 4' S. WALK 37'
+00 CURB 19'
+10 GRAVEL PATH 23 ℄ OUT SIDE EDGE

PROJ #29-98

FINAL X SECTIONS

B.M.	2.36	112.14		109.78
0+50			107.75 2.36 112.14 7.41	
1+00			104.73 3.22 107.95	
1+37				
1+50				
2+00				
2+50				
3+00				
3+50				
4+00				
	3.22	107.95	7.41	104.73
4+50				
5+00				
5+50				
6+00				

6-7-27

Top of Hill 47 57 AR 3.90
3.4 3.2 2.94 2.90 2.51
27 24 22 18 18 2.98

3.7 3.7 3.4 3.29 3.33 3.74
27 25 24 22 18 18 3.52

3.9 3.9 3.7 3.61 3.68 4.29 (3.7) 4.29 3.65 3.52 3.5 3.7
27 25 24 22 18 18 3.78 18 18 22.7 24.5 27

3.8 3.8 3.70 3.78 4.40 4.40 3.78 4.0 3.7
27 24 22 18 18 3.98 18 18 24.5 27

4.0 4.2 4.22 4.26 4.38 (4.4) 4.85 4.24 4.3 3.9
27 24 22 18 18 4.55 18 18 24.5 27

4.3 4.6 4.58 4.70 5.31 4.7 5.33 4.70 4.6 4.2
27 24 22 18 18 4.75 18 18 24.5 27

4.87 5.05 5.09 5.0 5.02 4.92 4.62
27 18 9 5.04 9 18 38

6.0 5.8 5.94 6.97 6.57 (6.0) 6.54 5.98 5.9 5.8 5.8
27 23 22 18 18 6.02 18 18 24.5 25 27

7.3 7.07 7.52 6.6 7.40 6.80 6.7 6.6 6.6
27 22 22 6.84 18 18 24.5 25 27

Top of Curve

3.6 3.4 3.20 3.44 4.05 3.4 3.49 3.20 2.76 2.76 3.1 3.22
27 24 22 18 18 3.42 18 31 31 31.5 32 42

4.3 4.3 4.16 4.18 4.76 4.3 4.74 4.14 4.1 3.6 3.48
30 27 22 18 18 4.26 18 18 24.5 25.5 37

5.6 4.8 4.8 4.82 4.87 5.48 4.7 5.17 4.58 4.3 3.7 6.5 3.38
36 30 27 22 18 18 4.72 18 18 24.5 26 32 33.5

8.1 6.0 4.7 4.64 4.77 5.37 4.8 5.16 4.54 4.4 3.5 36 3.70
33 30 27 24 18 18 4.79 18 18 24.5 26 31 32

6+50		107.95			
7+00			107.95 2.71 105.24 8.11 113.35		
7+50					
8+00					
8+50	8.11	113.35	2.71	105.24	
9+00					
9+50					
10+00					
10+50					
11+00					
11+50					
12+00					
12+20					

6-9-29

7.1	6.1	4.9	4.26	4.52	5.11	(4.5)	4.86	4.30	4.1	3.6	3.6
34	32	27	22	18	18	4.46	18	23	245	24	33

8.8	4.5	4.2	4.07	4.10	4.67	(4.1)	4.50	3.91	3.60	2.5	2.71
35	30	27	22	18	18	4.05	18	18	245	26.5	33

7.4	4.0	3.7	3.75	3.80	4.57	3.6	4.05	3.44	3.30	2.6	2.3	2.14
34	29	25	24.5	18	18	3.58	18	18	245	26	32	33

7.7	3.5	3.3	3.29	3.36	3.96	3.3	3.58	2.96	2.8	2.4	1.97
34	28	29	22	18	18	3.26	18	18	245	26	33

4.6	4.7	2.7	2.68	2.72	3.32	2.4	3.28	2.67	2.5	2.3	1.90
33	29	27	22	18	18	2.82	18	18	245	25	33

9.2	8.8	7.6	7.42	7.52	8.16	1.1	8.25	7.64	7.5	7.4	7.27
33	29	27	22	18	18	7.73	18	18	245	26	33

7.0	7.1	6.88	6.95	7.60	1.3	7.64	7.01	7.0	6.8	7.2	7.2	7.05
32	27	22	18	18	7.30	18	18	245	26	28.5	31	33

7.4	6.4	6.26	6.36	6.94	6.7	6.95	6.13	6.1	6.1	6.4	6.6	6.45
29	27	22	18	18	6.47	18.7	18.7	25.2	26	30	32	33

		5.7	5.66	5.76	6.36	5.7	5.76	5.16	5.0	5.0	5.6	5.34
		26	22	18	18	5.53	18.7	18.7	25.3	26	29	30

5.6	4.9	4.86	4.95	5.54	4.6	4.73	4.14	4.0	4.0	3.97	
37	24	22	18	18	4.58	19	19	25	27	28.5	

4.1	3.7	4.05	4.15	4.76	3.8	3.68	3.09	3.0	3.3	3.02	
36	24	22	18	18	3.75	18.7	18.7	25	30	31	

3.9	3.5	3.4	3.51	4.13	3.0	2.67	2.10	2.1	2.5	2.25	
35	24	22	18	18	2.97	19	19	25.6	31	33	

2.6	2.35	1.75	2.0	2.4	1.98	
2.61	20	20	26.5	31	33	

		113.35				
12+48						
12+50						
	6.55	116.98	2.92	110.43		
B.M.	3.71	116.99	3.71	113.27	113.28	
13+00			110.43			
			6.55			
			116.98			
			3.71			
13+50			113.28			
			3.71			
			116.99			
14+00						
14+10.75						
B.M.			3.71	113.28		

6-9-27

LEFT.

L.5° 1.99 1.81 1.80 1.78
2.47 18 30 33 38

3.0 3.0 2.90 2.92 3.55 2.92 2.64
45 42 37.0 33.5 33.5 18 9 2.45

6.24

6.4 6.4 6.39 6.42 7.05 6.47 6.27
50 47 41.5 37 37 18 9 6.24

6.6 6.1 6.10 6.19 7.01 6.90 6.78
38 32 29 25 25 18 9 6.78

6.00 6.02 6.04 6.94 6.75 6.61
33 29 25 25 18 9 6.61

PROJ # 29-98

FINAL X SECTIONS

B.M.	3.71	116.99		113.28
0+00			113.28 3.71 116.99	
0+50			2.90 114.09 7.68	114.21 113.28 0.93
1+00			121.77 7.68 114.09	
			2.17 116.21	
1+41				
1+52				
1+92				
2+00				
2+29				
	7.68	121.77	2.90	114.09
2+50				
3+00				
3+50				
4+00				
4+09				
	2.17	116.21	7.68	114.09
B.M.			2.93	113.28

6-9-27

6.01 6.05 6.10 7.02
295 266 22.6 22.6 6.60

6.4 6.2 6.15 6.07 6.88
30 28 27.6 20.6 20.6 6.54

5.7 5.7 6.71 5.74 6.34
32 25 22.4 18.4 18.4 5.86

5.6 5.10 4.83 4.70 5.27
30 28.5 23 17 19 5.26

5.0 5.20 5.26 (5.2) 5.31 4.70 5.1 5.2
30 22.5 18.8 5.14 39 39 48 50

1.7 2.6 3.7 3.98 4.59 (4.3) 4.48 3.85 3.7 3.5 3.5
50 33 25 19.7 19.7 4.55 17 17 23.5 24 33
Top of S.Walk

.88 1.18 1.32 3.0 3.6 3.78 4.38 (4.1) 4.37 3.71 3.7 3.5 3.3
50 37 32.2 25 24 20 20 4.08 16.4 16.4 23 24 33

0.4 0.35 0.37 0.5 3.0 3.07 3.77 (3.5) 3.80 3.12 3.1 1.8 2.3
40 37.0 34.5 30 21 19.6 19.6 3.47 16.6 16.6 23 24.6 33

4.8 4.67 4.70 5.0 7.6 7.51 8.15 (7.9) 8.27 7.56 7.5 6.8 7.1 7.3
40 33.3 35.5 27 20.5 17.5 19.5 7.90 16.5 16.5 23 25 31 35

3.7 3.82 3.86 3.8 6.3 6.28 6.96 6.7 7.04 6.30 6.2 5.6 6.0 6.2
40 39 35 26 20 19.2 19.2 6.66 17 17 23.3 26 31 33

3.7 3.65 3.73 3.9 5.1 5.12 5.80 5.5 5.82 5.11 4.9 4.8 5.2 5.6
40 37 35 24 20 18.8 18.8 5.50 17.4 17.4 24 24.5 30 35

3.3
(40 3.60 3.61 3.5 3.6 4.1 4.15 4.86 4.6 4.84 4.30 4.4 4.2 4.2
38 34.2 34 21 20 18.2 18.2 4.64 17.8 17.8 24.3 24 27
3.67 3.74 3.97 4.63
38.4 37.4 18.6 18.4 4.47