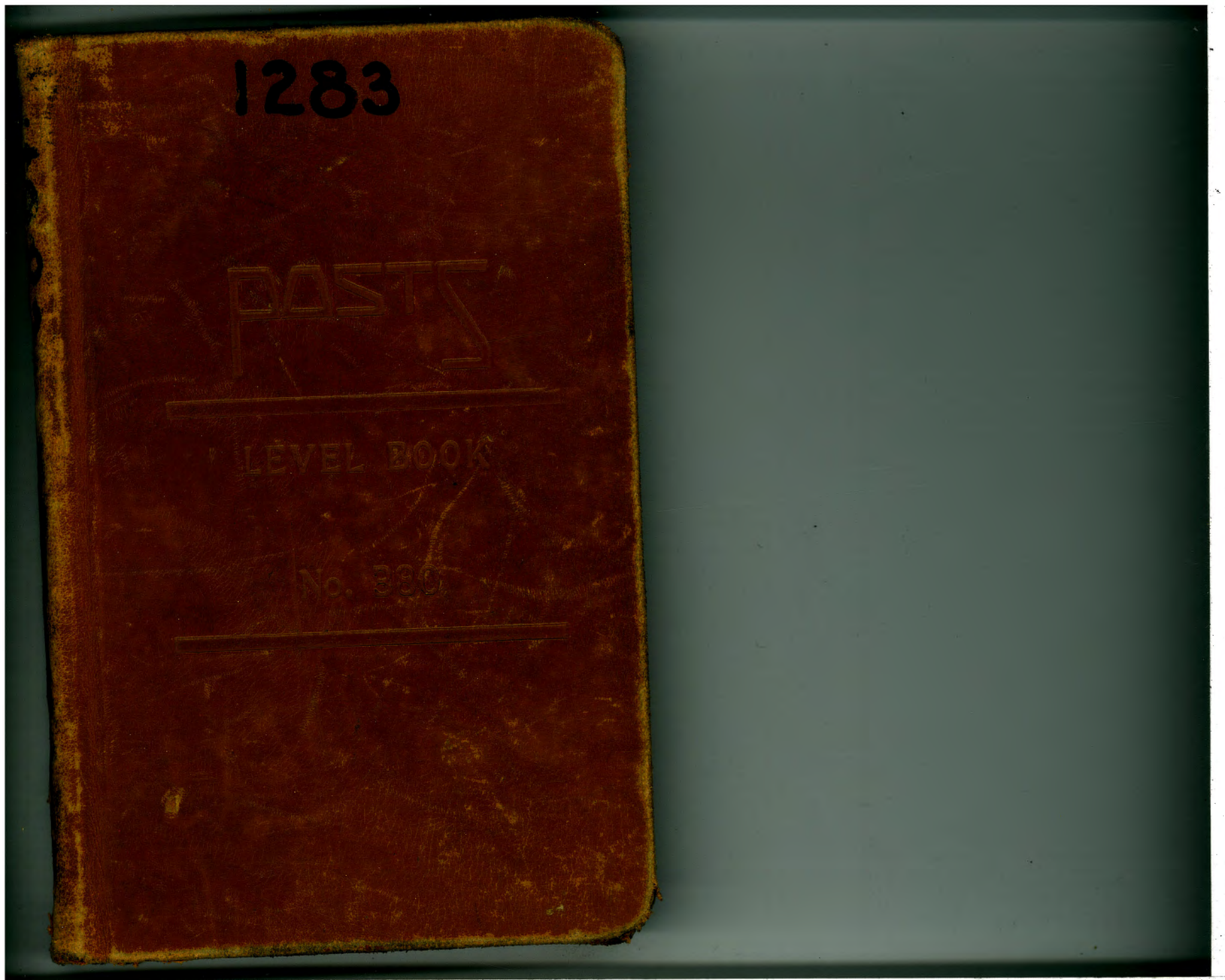
1283
PASTA
LEVEL BOOK
No. 330

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Ties indexed Pp. 79 9/2/30 H.H.

X Sec.	Warrington	from	Udal	to Tennyson	1
" "	Udal.	"	Warrington	To Villa Dr.	10
" "	"	"	"	" Catalina	19
" "	Worden	"	Udal.	Voltaire	43
" "	Wells	"	Tennyson.	"	50
"	Tennyson	"	Wells	Catalina	60

X Sec. Warrington – Udal to Tennyson
50'St. 10'cbs 30' Roadway

BP. NE.				
BM.	8.60	94.28		85.68 Tennyson & Warrington
0+00 = SL Udal				
E.L.		5.2	89.1	
cb		5.4		
¼		5.1		
+3		5.5		
℄		5.7	88.6	
+5		6.2		
¼		6.1		
+3		5.9		
cb		6.2		
w.L		6.6	87.7	
0+20				
w.L		7.9	86.4	
+7		7.7		
cb		7.2		
¼		6.9		
℄		6.8	87.5	
¼		6.7		
cb		6.6		
+2		6.2		
E.L.		6.0	88.3	

Plotted 10-10-28 GBH

Oct 1-28 Warrington
Loudon
Ispell
Morgan 94.28

0+40			
E.L.		6.1	88.2
+7		6.4	
cb		6.4	
¼		6.6	
+3		6.8	
+4		7.2	
℄		7.4	86.9
+5		7.7	
¼		7.7	
+3		7.7	
cb		7.9	
w.L		8.5	85.8
0+65			
10'w		9.4	
w.L.		9.5	84.8
cb		8.9	
+6		8.8	
¼		8.5	
℄		8.2	86.1
¼		7.7	
+5		7.1	
cb		6.9	
+3		6.6	
E.L.		6.6	87.7

Warrington

0+80	94.28		
E.L.		7.1	87.2
cb		7.5	
+3		7.4	
+5		7.9	
¼		8.0	
℄		8.6	85.7
+5		9.2	
¼		9.3	
+4		9.1	
cb		9.3	
w.L.		9.6	84.7
10'w		10.0	
1+00			
10'w		10.2	
w.L.		10.0	84.3
cb		9.6	
+5		9.4	
¼		9.4	
+3		9.4	
℄		8.9	85.4
¼		8.3	
+4		7.8	
cb		7.9	
E.L.		7.5	86.8

Warrington

1+10	94.28		
E.L.		7.3	87.0
+4		7.3	
+6		7.8	
cb		8.1	
¼		8.3	
+4		8.5	
℄		9.2	85.1
¼		9.5	
+4		9.4	
cb		9.6	
w.L.		9.8	84.5
1+00			
end garage 5.5'w		9.11	85.17
1+24			
send same garage		9.24	85.04
1+20			
w.L.		9.8	84.4
cb		9.9	
+4		9.7	
¼		9.8	
℄		9.6	84.7
¼		9.2	
cb		8.7	
+6		8.6	
E.L.		8.3	86.0

Warrington

1+35	94.28		
E.L		9.0	85.3
cb		9.5	
¼		9.8	
℄		9.9	84.4
¼		10.0	
cb		10.1	
+3		9.9	
+6		10.0	
w.l		9.5	84.8
5'w		10.0	
1+50			
5'w.		10.1	
w.l.		9.8	84.5
+5		10.1	
cb		10.0	
¼		10.3	
℄		10.2	84.1
¼		9.80	
cb		9.4	
E.L		8.8	85.5
5'E		8.7	

Warrington

1+75	94.28		
5'E		9.3	
E.L		9.5	84.8
cb		10.0	
¼		10.3	
℄		10.6	83.7
¼		10.3	
cb		10.2	
+7		10.2	
w.l.		9.9	84.4
5'w		10.3	
walk on west at 1+65		10.23	84.05
60'st, 15'cbs 30' Rdway			
2+00			
w.l		9.6	84.7
+2		9.1	
+7		9.6	
cb		10.4	
¼		10.5	
℄		10.5	83.8
¼		10.5	
cb		10.4	
+10		10.3	
E.L.		9.8	84.5

Warrington.

2+05	94.28		
E.L.		9.7	84.6
+5		10.3	
cb		10.4	
1/4		10.5	
℄		10.4	83.9
+5		10.4	
1/4		10.5	
+3		10.6	
+5		10.2	
+cb		10.0	
wL		10.6	83.7
10'w		11.0	
2+11			
10'w		10.0	
w.L.		9.7	84.6
+4		10.0	
+6		10.7	
+10		10.2	
cb		10.7	
+4		10.3	
1/4		10.1	
+4		10.5	
℄		10.4	83.9
1/4		10.4	
cb		10.5	
+4		10.5	

Warrington

	94.28		
cb+ B		10.3	
E.L.		9.6	84.7
2+25			
E.L.		10.2	84.1
+5		10.3	
cb		10.4	
+5		10.4	
1/4		10.2	
℄		10.3	84.0
1/4		10.5	
+3		10.6	
cb		10.0	
+7		10.6	
+10 garage appr.	5' in St on West (garage 5' West)	10.62	83.66
w.L ✓		10.55	83.73
2+14 N end garage appr.		10.50	83.78
2+33 S end same apprs		10.44	83.84
2+50			
5'w		10.4	
w.L.		10.2	84.1
+10		9.9	
+14		9.8	
cb		10.1	
+4		9.7	
+6		10.3	

Warrington.

2+50	94.28		
¼		10.1	
℄		10.2	84.1
+4		10.4	
¼		10.1	
cb		10.0	
+8		9.6	
+10		9.9	
+11		10.3	
+12		9.9	
E.L.		10.1	84.2
5'E		10.3	
5 E		9.8	
10 E		9.7	
2+75			
10E		9.4	
E.L.		9.6	84.7
+4		9.6	
+5		10.3	
+6		10.2	
+7		9.9	
+9		9.4	
+11		10.0	
cb		9.9	
¼		9.8	
+3		9.8	
+6		10.2	

Warrington.

2+75	94.28		
℄		10.0	84.3
+3		10.2	
¼		10.0	
+3		10.1	
cb		9.6	
+10		9.7	
w.l.		9.2	85.1
5'w		9.2	
3+00			
w.l.		8.5	85.8
+4		8.5	
+13		9.1	
cb		9.4	
+5		9.9	
¼		9.8	
+5		9.7	
℄		9.5	84.8
+3		9.5	
¼		9.4	
cb		9.3	
+5		9.2	
+9		9.6	
+9.5		10.0	
+10		10.0	
+10.5		9.4	
E.L.		9.3	85.0

Warrington

3+00	94.28		
10E		9.6	
3+25			
10E		8.1	
6E		8.1	
E.L.		8.4	85.9
+5		8.6	
+5½		9.3	
+6½		9.4	
+8		8.6	
+10		8.1	
cb		8.4	
¼		8.7	
+3		8.8	
℄		9.3	85.0
+2		9.5	
+4		9.3	
¼		9.4	
+6		9.5	
cb		9.0	
+2		8.6	
W.L.		8.1	86.2
10W		8.1	

Warrington

3+40	94.28		
W.L.		8.1	86.2
+10		8.6	
+14		9.1	
cb		9.2	
+1		9.1	
+2		8.5	
¼		8.3	
℄		8.9	85.4
¼		8.4	
cb		8.9	
+5		8.2	
+7		7.8	
+10		8.5	
+11		8.8	
+12		8.4	
+12		7.7	
E.L.		8.0	86.3
5E		7.9	
Neb line Tennyson (ret's not in)			
E.L. to cb		8.60	85.68
W.L. V.V.		8.12	86.16
Hub NE Udall & Tennyson			
BM	7.90	100.00	1.39 92.89

X Sec Warrington - Udal to Voltaire

50'sf 10'cbs 30' Rdway.

	100.79		
0+00 = N.L Udal.			
E.L.	7.9	92.9	
cb	8.0	92.8	
¼	7.9	92.9	
℄	7.9	92.9	
+5	7.9	92.9	
¼	8.2	92.6	
+2	7.9	92.9	
cb	8.3	92.5	
+4	8.2	92.6	
n.L	8.3	92.5	
0+25			
n.L.	6.5	94.3	
+7	6.3	94.5	
+8	6.8	94.0	
℄b	6.8	94.0	
+1	7.0	93.8	
+2	7.0	93.8	
+3	6.7	94.1	
+5	6.6	94.2	
+6	6.8	94.0	
+¼	6.6	94.2	
+25	6.8	94.0	
+45	6.4	94.4	

Warrington

7

0+25	100.79		
℄		6.6	93.2
¼		6.6	93.2
cb		6.6	93.2
E.L.		6.5	94.3
0+50			
E.L.		5.6	95.2
cb		5.6	95.2
¼		5.5	95.3
℄		5.5	95.3
+2		5.3	95.5
+4		5.9	94.9
¼		5.6	95.2
+1		5.8	95.0
+2		5.7	95.1
+4		5.7	95.1
+6		6.0	94.8
cb		5.9	94.9
+2		5.9	94.9
+4		5.5	95.3
n.L.		5.4	94.4

Warrington

0+75	100.79		
w.L		4.7	96.1
+7		4.7	96.1
+9		5.2	95.6
cb		5.2	95.6
+5		5.1	95.7
¼		5.3	95.5
+2		5.2	95.6
+3		5.4	95.4
+4		5.4	95.4
+6		5.0	95.8
℄		5.1	95.7
¼		5.0	95.8
cb		5.3	95.5
E.L.		5.4	95.4
1+00			
E.L.		6.1	94.7
cb		5.6	95.2
¼		5.1	95.8
℄		4.6	96.2
+5		5.5	95.3
¼		5.1	95.8
+2		4.7	96.1
cb		4.7	96.1
+2		4.9	95.9
+4		4.4	96.4
w.L		4.5	96.3

Warrington

1+25	100.79		
w.L.		4.9	95.9
+6		5.1	95.7
+7		5.3	95.5
cb		5.2	95.6
+5		5.0	95.8
¼		5.2	95.6
+2		5.2	95.6
+4		5.5	95.3
+5		5.2	95.6
℄		5.4	95.4
+6		5.6	95.2
¼		6.1	94.7
+4		6.2	94.6
cb		6.5	94.3
+2		6.5	94.3
+3		6.2	94.6
E.L.		6.7	94.1
1+50			
E.L		6.7	94.1
cb		6.1	94.7
¼		5.8	95.0
℄		5.6	95.2
+2		5.6	95.2
+4		6.0	94.8
+6		6.0	94.8

Warrington.

100.29

1+50			
¼		5.7	95.1
+2		5.5	95.3
cb		5.5	95.5
+2		5.6	95.2
+5		5.2	95.6
w.l		5.1	95.7
1+75			
w.l		5.2	95.6
+3		5.0	95.8
cb		5.6	95.2
¼		5.8	95.0
±		5.9	94.9
¼		6.1	94.7
cb		6.4	94.4
E.L.		7.1	93.7
1+85			
E.L.		7.3	93.5
cb		6.5	94.3
¼		6.2	94.6
±		5.9	94.9
¼		5.7	95.1
cb		5.6	95.2
+4		5.4	95.4
+6		5.0	95.8
w.l		4.8	96.0

Warrington.

100.79

2+00 = 5.4 Voltaire			
w.l		4.6	96.2
+3		4.7	96.1
+7		5.5	95.3
cb		5.6	95.2
+6		5.4	95.4
¼		5.1	95.7
+4		4.8	96.0
±		5.5	95.3
¼		6.1	94.7
cb		6.4	94.4
+4		6.8	94.0
+6		7.3	93.5
E.L		7.5	93.3
B.P. NE Voltaire 2 Villa pr. B.M.		4.45	96.34 96.26

X Sec Udal — E.L. Warrington to Village Dr.
70' St. 42' Roadway 14' cbs.

N.E Hub Udal & Warrington
BM 5.35 98.24 92.89

0+00 = E.L. Warrington			
S.L.		9.2	~~89.0~~ 88.0
+6		8.7	89.5
cb		8.7	89.5
¼		8.1	90.1
℄		7.6	91.6
¼		6.8	91.4
cb		6.3	91.9
+9		5.7	92.5
N.L.		5.4	92.8
0+25			
N.L.		5.0	93.2
+4		4.8	93.4
+9		5.5	92.7
cb		5.5	92.7
+5		6.3	91.9
¼		6.8	91.4
+6		7.3	90.9
℄		7.6	90.6
¼		8.0	90.2
+8		8.3	89.9
cb		8.2	90.0
+2		8.1	90.1
+4		8.4	89.6

Plotted 12-11-28 CBH

Oct 3-28
Loudon
Isbell
Morgan

98.24

Udal

0+25		
cb+9	8.2	90.0
+11	8.4	89.8
S.L.	8.1	90.1
0+43		
S.L.	6.6	91.6
+4	7.1	91.1
+9	7.6	90.6
+11	7.6	90.6
cb	7.9	90.3
+3	7.5	90.7
+4	7.6	90.6
¼	7.2	91.0
+3	7.3	90.9
+4	7.0	91.2
+9	6.6	91.6
℄	6.7	91.5
+3	6.8	91.4
+9	6.4	91.8
¼	6.1	92.1
+2	5.9	92.3
+3	6.0	92.2
cb	5.8	92.4
+3	5.7	92.5
+5	5.4	92.8
N.L.	5.1	93.1

Udal

0 +60	98.24		
N.L		4.7	93.5
+10		5.2	93.0
cb		5.5	92.7
+2		5.3	92.9
+8		6.0	92.2
1/4		6.1	92.1
+3		6.1	92.1
℄		6.7	91.5
1/4		6.9	91.3
cb		7.1	91.1
+10		7.4	90.8
S.L.		7.1	91.1
0 +78			
S.L.		6.0	92.2
+7		5.9	92.3
+9		6.4	91.8
cb		6.1	92.1
1/4		5.6	92.6
+8		5.1	93.1
℄		5.3	92.9
1/4		5.1	93.1
cb		5.1	93.1
N.L.		4.7	93.5

Udal

0 +89	98.24		
N.L		5.0	93.2
cb		5.1	93.1
+5		4.6	93.6
1/4		4.5	93.7
℄		4.5	93.7
1/4		5.0	93.2
cb		5.7	92.5
+7		6.0	92.2
+10		5.9	92.3
S.L		6.1	92.1
1+06			
S.L		5.9	92.3
+3		5.7	92.5
cb		5.6	92.6
1/4		5.3	92.9
℄		5.0	93.2
1/4		5.2	93.0
cb		5.5	92.7
4/8		5.7	92.5
N.L		6.0	92.2

1+20	98.24			
N.L.		6.4	91.8	
+2		6.2	92.0	
+3		6.6	91.6	
cb		6.2	92.0	
+1		6.0	92.2	
+7		5.4	92.8	
1/4		5.3	92.9	
+8		4.6	93.6	
℄		4.6	93.6	
1/4		4.8	93.4	
cb		5.2	93.0	
S.L.		5.4	92.8	
1+41				
S.L.		4.9	93.3	
+4		5.3	92.9	
cb		5.2	93.0	
1/4		5.0	93.2	
+6		5.4	92.8	
℄		5.0	93.2	
+5		5.2	93.0	
+6		4.8	93.4	
1/4		5.3	92.9	
+1		5.8	92.4	
+9		6.3	91.9	
cb		6.2	92.0	
+2		6.1	92.1	

1+41	98.24			
cb+11		7.9	90.3	
N.L.		8.3	88.9	
1+60				
N.L.		9.3	88.9	
cb		7.1	91.1	
+5		5.9	92.3	
+8		6.2	92.0	
1/4		5.9	92.3	
+2		5.8	92.4	
+3		6.0	92.2	
℄		5.4	92.8	
+4		5.0	93.2	
+9		4.8	93.4	
1/4		5.1	93.1	
+5		5.1	93.1	
+7		4.9	93.3	
cb		4.9	93.3	
+7		4.5	93.7	
+10		4.8	93.4	
S.L.		4.8	93.4	

1+85	9824		
S.L.		4.8	93.4
+2		5.1	93.1
+9		5.0	93.2
cb		5.2	93.0
+6		5.3	92.9
1/4		5.7	92.5
+8		6.1	92.1
℄		6.4	91.8
+5		6.6	91.6
1/4		6.3	91.9
+2		6.1	92.1
+5		6.1	92.1
cb		6.7	91.5
N.L.		7.3	90.9
2+00			
N.L.		7.0	91.2
+5		6.7	91.5
cb.		6.6	91.6
+6		7.2	91.0
1/4		7.3	90.9
℄		7.5	90.7
1/4		6.9	92.3
+6		7.0	91.2
cb		6.3	91.9
+2		5.8	92.4
+7		5.3	92.9

Vdal

2+00	9820		
S.L.		5.2	93.0
2+25			
S.L.		4.8	93.4
+9		5.5	92.7
cb		7.1	91.1
+4		7.7	90.5
1/4		7.8	90.4
+8		7.6	90.6
℄		7.8	90.4
1/4		8.1	90.1
+5		8.4	89.8
+8		8.3	89.9
cb		8.0	90.2
+2		7.8	90.4
N.L.		9.7	88.5
10'N		11.0	87.2
2+41			
10 N		14.1	84.1
N.L.		12.2	86.0
+9		9.8	88.4
cb		8.7	89.5
1/4		8.2	90.0
+6		7.9	90.3
℄		7.9	90.3
+5		8.0	90.2

Udal

2+41	98.24		
¼		7.9	90.3
+8		8.0	90.2
cb		7.4	90.8
+5		5.7	92.5
S.L.		4.8	93.4
2+59			
S.L.		5.4	92.8
+11		6.5	91.7
cb		7.4	90.8
+12		7.7	90.5
+7		7.6	90.6
¼		7.9	90.3
℄		7.9	90.3
¼		8.4	90.8
cb		8.9	89.3
+9		9.3	88.9
+11		9.8	88.4
N.L.		10.8	87.4
2 N		11.1	87.1
10 N		15.8	82.4
17 N		18.4	79.8

cb & Walk in on South - 2+71 to Villa Dr.

2+71 - Beginning cb on South			
10 N	98.24	15.6	82.6
N.L.		9.3	88.9
+3		7.4	90.8
+11		7.1	91.1
cb		8.5	89.7
+12		8.9	89.3
¼		8.4	89.8
℄		8.0	90.2
+3		7.8	89.4
+5		8.0	90.2
+8		7.9	90.3
¼		8.3	89.9
cb yrd.		7.1	90.5
cb to cb		6.66	91.58
+8.5	walk	6.46	91.78
+13.5	↓	6.38	91.86
S.L.		6.2	92.0
3+00			
S cb		6.97	91.27
gut		7.8	90.4
+3		8.2	90.0
¼		8.1	90.1
℄		8.1	90.1
¼		8.5	89.7
+8		9.1	89.1

	Udal				Udal			
3+00	98.24				3+50	98.24		
Nob		8.8	89.4		5.cb		7.44	90.80
+2		8.8	89.4		gut		8.6	89.6
+5		7.7	90.5		+7		8.7	89.5
+12		7.8	90.4		+9		8.5	89.7
N.L.		8.3	89.9		1/4		8.5	89.7
+1		8.5	89.7		℄		8.7	89.5
10N		14.6	84.6		1/4		9.2	89.0
3+25					+8		9.7	88.5
10N		13.8	84.4		cb		9.6	88.6
NL		8.2	90.0		+1		9.5	88.7
+5		8.1	90.1		+7		8.1	90.1
+10		8.1	90.1		+10		8.4	89.8
cb		9.1	89.1		N.L.		8.4	89.8
+2		9.4	88.8		3N		8.6	89.6
1/4		8.8	89.4		10'N		12.9	85.3
℄		8.4	89.8		3+75			
1/4		8.3	89.9		10N		14.8	83.4
gut		8.2	90.0		N.L.		8.6	89.6
5cb		7.20	91.04		+10		8.3	89.9
					cb		9.2	89.0
					+1		9.8	88.4
					1/4		9.1	89.1
					℄		89	89.3
					1/4		8.7	89.5
					+1		8.6	89.6
					+2		8.8	89.4

Udal

3+75	98.24		
gut	8.7	89.5	
Scb	7.67	90.57	
4+00			
Scb	7.91	90.33	
gut	8.8	89.4	
+8	8.8	89.4	
+9	8.6	89.6	
1/4	8.7	89.5	
℄	8.9	89.3	
1/4	9.1	89.1	
+9	9.9	88.3	
cb	9.3	88.9	
+2	8.6	89.6	
+10	8.6	89.6	
NL	9.2	89.0	
2 N	9.4	88.8	
10 N	15.2	83.0	
Cb inlet on North at 4+17.4 69' long			
top	9.20	89.04	
gutter (bottom slot)	10.23	88.01	

Udal

4+25	98.24		
10 N		16.0	82.2
NL		9.6	88.6
+4		8.6	89.6
+13		8.1	90.1
cb		8.9	89.3
+1		9.7	88.3
+3		10.0	88.2
+4		9.6	88.6
1/4		9.1	89.1
℄		8.7	89.5
1/4		8.5	89.7
gut		8.6	89.6
Scb		8.03	90.21
4+50			
Scb		7.55	90.69
gut		8.5	89.7
1/4		8.2	90.0
+1		8.1	90.1
℄		8.4	89.8
1/4		8.9	89.3
+8		9.5	88.7
cb		8.4	89.8
NL		8.7	89.5
+3		9.2	89.0
10 N		14.5	83.7

Udal

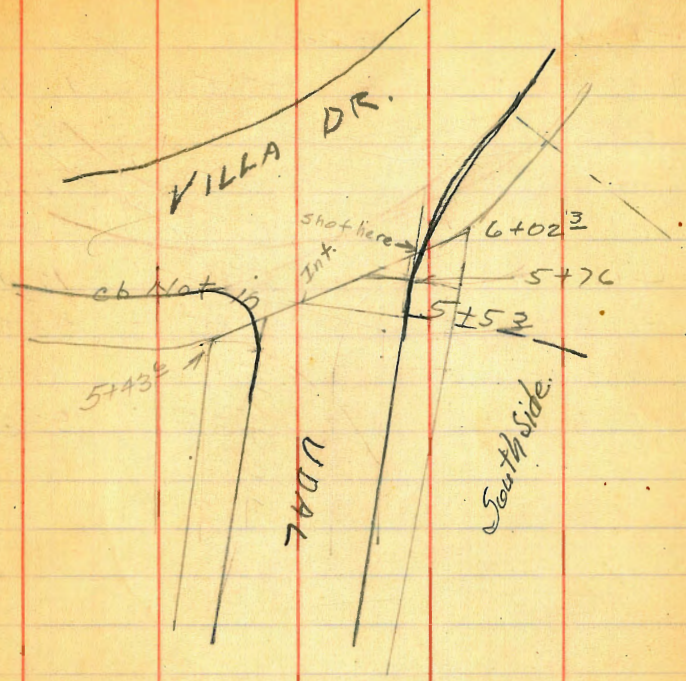
H+75	98.24		
10'N		13.8	84.4
4N		9.8	88.4
N.L.		8.4	89.8
cb		8.0	90.2
+1		8.8	89.4
+½		9.0	89.2
+5		8.5	89.7
~~+6~~			
¼		8.3	89.9
¢		8.1	90.1
¼		7.6	90.6
+9		7.9	90.3
+¼		8.3	89.9
+8		8.3	89.9
+9		8.0	90.2
gut		8.0	90.2
5cb		7.02	91.22
5+00			
5cb		6.55	91.69
gut		7.4	90.8
+½		7.7	90.5
+3		8.0	90.2
¼		7.4	90.8
+1		7.2	91.0
¢		7.6	90.6

Udal

5+00	98.24		
¼		7.9	90.3
+9		8.3	90.3
cb		7.4	90.8
+1		7.2	91.0
N.L.		7.5	90.7
3N		7.7	90.5
10N		11.5	86.7
5+½5			
N.L.		6.7	91.5
+10		6.6	91.6
+12		7.9	90.3
cb		7.6	90.6
~~¼~~		7.0	91.2
¢		7.0	91.2
¼		6.7	91.5
+8		7.2	91.0
+9		7.0	91.2
gut		7.0	91.2
5cb		6.05	92.29
5+34			
5cb		5.88	92.36
gut		6.9	91.3
¼		6.7	91.5
+2		6.5	91.7
¢		6.7	91.5

5+34	98.24		
℄ +5		6.8	91.4
1/4		6.5	91.7
cb		6.9	91.3
+9		7.0	91.2
+10		7.7	90.5
NL		6.2	92.0
5+43½ = ℄ Villa Dr. on North.			
NL		6.5	91.7
cb		6.4	91.8
1/4		6.2	92.0
℄		6.4	91.8
+8		6.2	92.0
1/4		6.2	92.0
gut		6.7	91.5
Scb		5.69	92.55
5+53 = B.C. ret on South.			
Scb		5.42	92.82
gut		6.3	91.9
1/4		6.1	92.1
℄		6.1	92.1
1/4		58	92.4
cb		58	92.4
+25 = Int		58	92.4

Vdal



Udal

5+76	98.24		
℄ +3 = Int.		5 5	92.7
+8		5.3	92.9
¼		5.5	92.7
S cb		6.0	92.2
+1 gut		5.8	92.4
+1 tobcb S.ret.		4.85	93.39
S. gut at n.c. Villa dr.		5.1	93.1
S. tobcb v v	v	4.38	93.86

X Sec Udal – E.L Warrington to Catalina

4½ Roadway 14 cb 5

B.P. N.E. Tennyson & Warrington

BM	12.57	98.25	85.68
0-90 = E cb Warrington			
N.L.		5.4	92.9
cb		6.2	
¼		6.8	
℄		7.5	90.8
¼		8.2	
cb.		8.7	
+10		9.1	
S.L.		9.3	89.0
0-32.5 = E ¼ Warrington			
S.L.		9.3	89.0
cb		8.8	
¼		8.3	
℄		7.6	90.7
¼		6.9	
cb		6.0	
+9		5.6	
N.L.		5.4	92.9
0-2.5 = ℄ Warrington			
N.L.		5.3	93.0
cb		6.0	
¼		7.0	
℄		7.8	90.5
¼		8.4	

Udal

0-35	98.25		
cb		9.1	
S.L.		9.7	88.6
0-17.5 = w'g Warrington			
S.L.		10.0	88.3
cb		9.3	
1/4		8.7	
℄		8.0	90.3
1/4		7.3	
cb		6.5	
N.L		5.4	92.8
0-10 = web Warrington			
N.L		5.8	92.5
cb		6.8	
1/4		7.5	
℄		8.0	90.3
1/4		8.6	
cb		9.5	
S.L.		10.2	88.1
0+00 = w.g. Warrington			
S.L.		10.6	88.7
cb		9.9	
+6		9.3	
1/4		8.9	
℄		8.5	89.8
1/4		7.7	

Udal

0+00	98.25		
1/4		6.9	
N.L.		5.9	92.4
0+25			
N.L.		5.9	92.3
cb		7.4	
1/4		8.6	
℄		9.4	88.9
1/4		10.2	
cb		10.8	
+11		11.4	
S.L.		11.3	87.0
10 S		11.4	
0+50			
10 S		13.5	
S.L.		12.8	85.5
+7		12.1	
cb		11.7	
1/4		11.2	
℄		10.6	87.7
1/4		9.5	
cb		8.4	
+6		7.6	
N.L		6.8	91.5

Udal

0+69		98.25		
N.L			8.1	90.2
cb			9.5	
1/4			10.7	
℄			11.0	87.3
+6			11.3	
1/4			11.4	
+8			12.1	
cb			12.6	
S.L			14.1	84.2
IOS			15.0	
0+86				
IOS			15.5	
S.L.			14.7	83.6
cb			13.6	
1/4			12.8	
℄			12.0	86.3
1/4			11.2	
cb			10.5	
N.L.			9.3	89.0
T.P.	0.92	87.92	11.25	87.00

Udal

1+00		87.92	
N.L		+0.5	88.4
cb		0.9	
1/4		1.5	
℄		2.2	85.7
1/4		2.6	
cb		3.2	
+4		3.3	
S.L.		4.4	83.5
IOS		5.5	
1+11			
IOS		5.7	
S.L.		5.0	82.9
+4		4.6	
+5		5.4	
cb		5.2	
+8		4.8	
1/4		3.0	
℄		2.9	85.0
1/4		2.2	
cb		1.2	
N.L		0.2	87.7

Udal

1+20	87.92		
N.L		0.5	87.4
cb		1.6	
1/4		2.5	
℄		3.5	84.4
1/4		4.1	
cb		4.6	
S.L.		5.6	82.3
20 S		6.0	
1+38			
20 S		6.3	
S.L.		6.1	81.8
cb		5.6	
1/4		4.5	
+6		3.9	
℄		3.8	84.1
1/4		3.0	
cb		2.5	
N.L.		1.2	86.7
1+65			
N.L		2.3	85.6
cb		3.8	
1/4		4.5	
℄		5.1	82.8
1/4		5.7	
cb		6.0	

1+65	87.92		
S.L.		6.5	81.4
20 S		6.8	
2+00			
20 S		7.7	
S.L.		7.2	80.7
cb		6.7	
1/4		6.4	
℄		6.0	81.9
1/4		5.1	
+6		4.3	
cb.		4.2	
+6		3.6	
N.L.		2.8	85.1
2+14			
N.L		3.3	84.6
+12		4.1	
cb		4.7	
1/4		5.7	
℄		6.4	81.5
1/4		6.9	
cb		7.3	
S.L.		7.9	80.0
7'S		8.8	
20'S		11.4	

Udal

2+24	87.92		
20 S		15.3	
S.L.		9.9	78.0
+9		8.3	
cb		8.0	
1/4		7.3	
℄		6.7	81.2
1/4		5.9	
cb		4.7	
+9		3.6	
N.L.		3.2	84.7
2+38			
N.L.		3.3	84.6
+5		3.7	
cb		5.0	
1/4		6.0	
℄		7.1	80.8
1/4		8.6	
+5		8.3	
cb		9.9	
+7		11.9	
S.L.		12.9	75.0
13'S		15.9	
30'S		15.2	

Udal

2+53	87.92		
30 S		16.2	
10 S		16.4	
S.L.		15.2	72.7
cb		12.0	
+8		9.2	
1/4		8.8	
+7		7.8	
℄		7.7	80.2
1/4		6.7	
cb		5.8	
N.L.		4.2	83.7
2+82			
N.L.		5.1	82.8
+10		5.9	
cb		6.9	
1/4		7.7	
℄		10.0	77.9
+7		11.8	
1/4		13.0	
cb		15.4	
S.L.		18.2	69.7
7'S		18.7	
15'S		18.4	
20'S		17.0	
30 S		15.5	

Udal

		87.92		
T.P.	5 27	82.48	10 71	77.21
3+00 = EL Worden				
30's			11.3	
19's			13.7	
SL			13 8	68.7
+5			12.1	
cb			10.8	
¼			8.2	
℄			5.5	77.0
+N			5.2	
+8			3 3	
¼			2 8	
cb			1.5	
+9			1.0	
N L			0.1	82.4
NE Hub Udal = Worden				
BM			0.12	82.36
3+10 = Ecb Worden.				
N.L.			0.9	81.6
cb			1.8	
¼			3.2	
+6			4.6	
+7			5.5	
℄			6.1	76.4
¼			8.8	
cb			11.4	

Udal

3+10		82.48		
S.L.			13 7	68.5
16's			14.1	
20's			13.4	
30's			11.7	
3+12.5 = E¼ Worden				
30S			11.6	
20S			12.9	
13S			14.4	
S.L.			12 9	69.6
+10			12.8	
cb			11.9	
¼			10 0	
℄			7.0	75.5
+2			6.3	
+6			5.6	
+9			5.2	
¼			4.7	
cb			2.1	
+12			1 3	
N.L.			1.3	81.2
3 + 2.5 = ℄ Worden				
N.L.			1.2	81.3
cb			2.5	
+7			5.2	
¼			5 7	

Udal.

82.48

3+25			
℄	8.2	74.3	
¼	10.9		
cb	13.0		
+6	13.8		
+10	14.9		
S.L.	15.0	67.5	
13's	14.6		
30's	11.6		
3+32.5 = w'a Worden.			
30's	9.9		
25's	12.0		
8's	15.0		
S.L.	15.1	67.4	
+10	15.2		
cb	14.2		
¼	12.3		
℄	10.0	72.5	
¼	7.0		
cb	4.0		
+7	2.5		
N.L.	1.6	80.9	

Udal

82.48

3+40 = w cb Worden.		
N.L.	2.0	80.5
+5	2.5	
cb	4.7	
+4	5.9	
¼	7.9	
℄	10.6	71.9
¼	12.6	
+2	15.0	
S.L.	15.3	67.2
8's	15.0	
23's	12.0	
30's	8.7	
3+50 = 0+00 = w.L. Worden		
30's	7.4	
5's	15.5	
S.L.	15.5	67.0
cb	15.7	
¼	13.2	
℄	11.2	71.3
¼	8.9	
cb	6.5	
+7	4.5	
+12	2.9	
N.L.	2.5	80.0

Udal

0+11		82.48		
N.L			4.8	77.7
cb			8.0	
1/4			10.3	
℄			12.7	69.8
1/4			14.7	67.8
cb			16.1	66.4
S.L			16.4	66.1
20's			11.6	
30's			7.8	
0+40				
30s			11.3	
S.L			16.7	65.8
+5			17.3	65.2
cb			17.5	65.0
+7			19.1	65.4
1/4			16.2	66.3
℄			13.9	68.6
1/4			11.7	
cb			9.2	
N.L			5.8	76.7
0+65				
N.L			8.6	73.9
cb			11.3	
1/4			13.4	
T.P	1.55	72.00	12.03	70.45

Udal

0+65	72.00		
℄		5.5	66.5
1/4		7.1	64.9
+5		7.9	64.1
cb		8.0	64.0
S.L		7.2	64.8
20s		3.9	
25s		2.7	
0+84			
30s		3.5	
10s		7.0	
S.L		8.1	63.9
cb		8.3	
1/4		8.2	
+9		7.4	
℄		6.8	65.2
1/4		4.5	
cb		2.8	
N.L		0.0	72.0
1+00			
N.L		1.7	70.3
cb		4.8	
1/4		7.2	
℄		8.3	63.7
+6		9.1	62.9
1/4		9.2	62.8

Udal

72.00

1+00			
cb	9.0	63.0	
S.L.	7.9	64.1	
30's	3.9		
1+25			
30's	3.6		
S.L.	7.5	64.5	
cb	9.5		
1/4	9.6		
℄	9.7	62.3	
1/4	8.6		
cb	6.8		
N.L	3.8	68.2	
1+50			
N.L.	6.7	65.3	
+11	8.2		
cb	8.5		
1/4	9.7		
+5	10.5		
℄	10.4	61.6	
1/4	10.3		
+3	10.2		
cb	8.3		
+5	7.9		
S.L.	5.7	66.3	
10 S	4.5		

Udal

72.00

1+75		
5'S	2.4	
S.L.	3.7	68.3
cb	6.7	
1/4	8.9	
+6	10.6	
℄	11.2	60.8
1/4	11.5	
cb	11.8	
N.L	11.0	61.0
10'N	9.7	
20'N	7.3	
2+00		
30'N	9.8	
20'N	12.0	
5'N	12.7	59.3
N.L.	12.5	
cb	12.4	
1/4	11.9	
℄	9.7	62.3
+7	6.8	
1/4	5.9	
cb	3.9	
S.L.	0.9	71.1
10'S	+3.7	

Udal.

2+11	72.00		
5'N		+2.9	
N.L.		+0.4	72.4
cb		3.0	
1/4		5.8	
℄		8.5	63.5
1/4		10.7	
cb		12.6	
N.L.		12.8	59.2
22'N		13.0	
30N		11.8	
2+26			
30'N		12.7	
22N		13.5	
N.L.		13.3	58.7
+10		12.9	
cb		12.5	
1/4		10.9	
+6		9.8	
℄		8.0	64.0
+9		5.6	
1/4		4.7	
cb		0.7	
S.L.		+3.3	75.3
10'S		+4.8	

Udal

2+50	72.00		
10'S		+1.1	
S.L.		1.7	70.3
cb		4.6	
1/4		6.9	
℄		9.1	62.9
1/4		10.3	
+4		11.4	
cb		11.9	
N.L.		12.7	59.3
30'N		14.2	
2+68			
30'N		14.6	
N.L.		12.1	59.9
cb		10.9	
1/4		10.1	
℄		8.9	63.1
+5		8.4	
1/4		7.1	
cb		4.8	
+4		4.1	
S.L.		2.8	69.2
10'S		0.0	

Udal

2+85	72.00			
15'S		+3.6		
10 S		+0 3		
S.L.		2.2	69.8	
Cb		4.5		
1/4		6.3		
℄		8.1	63.9	
1/4		9.2		
Cb		9.4		
N.L.		9.4	62.6	
6N		9.3		
15N		10.7		
20N		12.4		
30N		13.5		
3+00 = E.L. Wells				
30'N		10.0		
15'N		6.8		
10N		6.1		
NL		6.3	65.7	
Hub N.E. Udal & wells.				
B M		6.28	65.72	
Cb		6.7		
1/4		5.9		
℄		5.2	66.8	
1/4		4.6		
+9		3.7		
Cb		3.1		
T.P.	1093	82.88	0.05	71.95

Udal

3+00	82.88		
S.L.	[illegible]	7.8	75.1
6'S	[illegible]	4.7	
6+10 = Ecb Wells.			
S.L.		4.9	78.0
+3		5 3	
cb		11.2	
+3		12.9	
1/4		14.0	
℄		15.0	67.9
1/4		15.9	
cb		16.4	
NL		16.0	66.9
3+17.5 = E 1/4 wells			
NL		15 3	67.6
cb		15.8	
1/4		15.6	
℄		14.6	68.3
+9		13.4	
1/4		12.6	
+6		11.5	
cb		8 [illegible]	
+6		5.0	
+10		5.4	
S.L.		4.3	78.6

Udal

8288

B+25 = ℄ Wells

S.L	4.2	78.7
+7	4.8	
+10	5.4	
+11	5.1	
cb	5.6	
+1	5.8	
1/4	10.4	
+7	13.2	
℄	13.5	69.4
+5	14.4	
1/4	14.8	
cb	15.1	
N.L	15.6	67.3

B+32.5 = W/4 Wells

N.L.	15.7	67.2
cb	15.0	
+5	14.5	
1/4	14.5	
+6	14.0	
℄	12.9	70.0
1/4	8.0	
+5	5.6	
cb	5.2	
+10	4.4	
S.L	4.2	78.7

Udal

8288

30

B+40 = W.L Wells

S.L	4.4	78.5
+12	4.6	
cb	4.8	
+7	5.3	
1/4	6.0	
+4	7.0	
℄	10.3	72.6
1/4	14.3	
cb	15.0	
N.L	15.4	67.5

3+50 = W.L Wells = 0+00

N.L	16.2	66.7
+10	15.3	
cb	14.7	
+3	14.5	
1/4	11.2	
+8	7.0	
℄	6.4	76.5
+5	5.6	
1/4	5.2	
cb	4.7	
S.L.	4.6	78.3

Vdal.

0+20	82.88		
S.L.	4.3	78.6	
+5	4.4		
+7	4.8		
cb	5.1		
1/4	5.4		
℄	5.5	77.4	
1/4	5.9		
+5	6.1		
+9	7.2		
cb	7.5		
N.L	15.1	67.8	
20'N	18.0		
0+35			
20N	16.0		
12'N	10.8		
N.L.	8.5	74.4	
+3	7.5		
+8	6.0		
cb	6.1		
1/4	5.8		
℄	5.7	77.2	
1/4	5.5		
+3	5.4		
+6	4.7		
+9	5.1		
cb	5.1		

Vdal

0+35	82.88		
C+9	4.7		
S.L.	4.7	78.2	
0+47			
S.L.	3.0	79.9	
+2	3.2		
+10	5.1		
cb	5.2		
1/4	5.4		
+2	5.6		
+6	5.5		
+8	5.8		
℄	5.9	77.0	
1/4	6.0		
cb	6.2		
N.L	6.7	76.2	
3'N	6.6		
6'N	7.4		
0+64			
N.L.	6.6	76.3	
cb	6.4		
+7	6.3		
1/4	5.9		
+2	6.1		
℄	5.7	77.2	
+6	5.7		
+7	4.7		

Udal

0+64	82.88		
¼		4.7	78.2
+6		3.5	
cb		3.5	
S.L.		3.1	79.8
0+71			
S.L.		1.4	81.5
+½		1.8	
+4		3.2	
cb		3.6	
¼		4.0	
℄		4.9	78.0
+2		6.0	
¼		6.1	
+4		6.5	
cb		6.4	
N.L.		6.7	76.2
0+97			
N.L.		7.2	75.7
+3		7.1	
cb		6.0	
+7		5.1	
+8		4.6	
¼		4.3	
+4		4.1	
℄		4.2	78.7

0+97	82.88		
+9		4.3	
¼		3.8	
+4		2.6	
cb		2.2	
+4		1.9	
+7		2.3	
S.L.		2.5	80.4
1+12			
S.L.		1.0	81.9
+7		2.8	
cb		2.7	
+3		2.4	
¼		2.5	
+6		3.1	
℄		4.6	78.3
¼		4.5	
cb		4.5	
+9		6.3	
N.L.		6.6	76.3
10N		7.5	75.4

Udal

1+18		82.88		
10 N			7.3	
5 N			6.6	
N.L.			6.5	76.4
+12			4.8	
cb			4.7	
+6			4.7	
1/4			4.8	
+5			4.6	
℄			3.2	79.7
1/4			2.5	
+3			2.5	
cb			3.0	
+3			2.9	
+10			1.2	
S.L.			1.2	81.7
1+33				
S.L.			1.3	81.6
cb			1.4	
+6			3.2	
1/4			3.1	
+6			2.9	
℄			2.9	80.0
1/4			3.6	
+7			5.2	
cb			5.3	
+7			5.2	

Udal

1+33		82.88		
NL			5.2	77.7
10 N			7.0	
1+50				
10 N			5.4	
6 N			5.2	
N.L			4.7	78.2
+7			5.7	
+12			3.8	
cb			3.7	
1/4			3.2	
+4			3.4	
℄			3.4	79.5
+9			1.8	
1/4			1.8	
cb			2.0	
+2			1.4	
S.L.			0.9	82.0
T.P.	7.73	90.59	0.02	82.86
1+61				
S.L			8.4	82.2
cb			9.2	
+6			9.4	
+7			9.8	
1/4			9.8	
℄			9.8	80.8
+8			11.4	

Udal

1+61	90.59		
1/4		11.4	
+5		11.3	
+9		10.8	
cb		11.0	
+9		11.9	
N.L.		13.3	77.5
10'N		13.4	
1+69			
10'N		13.4	
7'N		13.0	
N.L.		11.9	78.7
+10		11.1	
cb		11.5	
+7		11.7	
1/4		10.6	
+5		9.9	
1/4		10.1	80.5
1/4		9.5	
cb		9.0	
S.L.		8.2	82.4

Udal

1+75	90.59		
S.L.		7.9	82.7
cb		8.9	
1/4		9.4	
℄		10.0	80.6
+5		10.2	
1/4		10.0	
+8		11.6	
cb		11.6	
+10		11.2	
N.L.		11.4	79.2
6N		11.9	
10N		13.6	
1+95			
10N		11.6	
N.L.		12.0	78.6
+3		11.2	
+10		10.1	
cb		10.1	
1/4		9.9	
℄		9.2	81.4
1/4		8.9	
cb		8.3	
+5		7.9	
S.L.		7.4	83.2

Udal

2+00	90.59		
S.L.	7.3	83.3	
cb	8.1		
1/4	8.7		
℄	9.1	81.5	
1/4	9.7		
cb	10.2		
+7	10.4		
N.L.	11.0	79.6	
4'N	12.0		
10'N	12.0		
2+25			
10N	10.4		
N.L.	10.4	80.2	
cb	9.6		
1/4	8.9		
℄	8.2	82.4	
1/4	7.6		
cb	6.9		
S.L.	5.9	84.7	

2+50	90.59		
S.L.	4.6	86.0	
cb	5.8		
1/4	6.4		
℄	7.1	83.5	
1/4	8.0		
cb	8.5		
N.L.	9.7	80.9	
10'N	10.2		
2+75			
10N	9.5		
N.L.	8.8	81.8	
cb	7.4		
1/4	6.7		
+5	6.0		
℄	5.6	85.0	
+8	4.8		
1/4	4.7		
cb	3.8		
+5	3.3		
S.L.	2.4	88.2	

Udal

3+00	90.59			
S.L.		0.5	90.1	
cb		0.6		
1/4		2.6		
℄		3.5	87.1	
1/4		4.4		
cb		5.4		
N.L.		7.1	83.5	
10 N		8.6		
3+25				
10 N		7.6		
N.L.		5.9	84.7	
+10		4.4		
cb		3.9		
1/4		2.8		
℄		2.0	88.6	
1/4		1.2		
cb		0.4		
T.P.	8.08	98.63	0.04	90.55
S.L.			7.2	91.4
3+50				
S.L.		5.9	92.7	
cb		7.7		
1/4		8.9		
℄		9.8	88.8	
1/4		10.6		

Udal.

3+50	98.63		
cb		11.4	
N.L.		12.8	85.8
10'N		14.5	
3+75			
10 N		13 7	
N.L.		12.8	85.8
cb		11.5	
1/4		10.6	
℄		9.7	88.9
1/4		8.5	
cb		7.0	
+9		4.5	
S.L.		3.4	95.2
4+00 = E.L San Clemente. Hub SE San Clemente			
B.M. & Udal.		0.96	97.67
N.L.		1.0	97.6
+5		1.9	
cb		3.9	
+5		5.6	
1/4		7.1	
+6		8.2	
℄		8.6	90.0
1/4		9.5	
cb		10.0	
+6		10.4	
N.L.		11.3	87.3

Udal.

4+00	+	℄	−	El.
10'N			11.7	

Isbell
Morgan
Rawner

15° Cb According to Plans.

0+00 = W.I. San Clemente (10' curbs) 60' Street

B.M. S.E. San Clemente ℄ Udal. 97.67

12.24 109.91

S.L.			4.2	105.7
cb			5.0	104.9
⅓			5.8	104.1
℄			6.7	103.2
⅓			7.9	102.0
cb			8.3	101.6
N.L.			9.1	100.8
0+25				
N.L.			8.6	101.3
cb.			7.9	102.0
⅓.			7.2.	102.7
℄			6.4	103.5

Yardage Bk 12 Pg 285 1-8-29 F.C.

Udal

0+25	+	109.91	−	El.
⅓			5.5	104.4
cb.			4.6	105.3
S.L.			3.7	106.2
0+50				
S.L.			3.3	106.6
cb.			4.0	105.9
+2			4.4	105.5
⅓			5.5	104.4
℄			6.3	103.6
¼			7.1	102.8
cb.			7.3	102.6
N.L.			8.4.	101.5
0+75				
N.L.			8.2	101.7
cb			7.2.	102.7
¼			6.7	103.2
+5			6.1	103.8
℄			5.7	104.2
¼			5.2	104.7
+5			4.6	105.3
+7			4.0	105.9
cb.			4.0	105.9
S.L.			3.2	106.7
1+00				
S.L.			3.4.	106.5

Udd.

1+00	109.91		
cb.		4.1	105.8
1/4		5.0	104.9
℄		5.5	104.4
1/4		6.7	103.2
cb.		7.2	102.7
N.L.		8.4	101.5
+10		9.3	101.5
1+25			
-10		9.4	100.5
N.L.		8.4	101.5
cb.		7.2	102.7
1/4		6.5	103.4
℄		5.5	104.4
+2		5.0	104.9
1/4		4.7	105.2
+7		4.2	105.7
cb.		3.4	106.5
S.L.		3.3	106.6
1+50			
S.L.		3.6	106.3
cb.		3.7	106.2
1/4		4.5	105.4
℄		5.4	104.5
1/4		6.5	103.4
+3		7.1	102.8

Udd.

1+50	109.91		
cb		7.4	102.5
+4		8.0	101.9
N.L.		8.6	101.3
+10		9.7	100.2
1+54	Garage on South Line Con. Floor.		✓
		3.29.	106.62 ✓
1+71	Floor of House on North, 13' N. of N.L.		
		9.58	100.33
1+75			
-10		9.9	100.0
N.L.		9.0	100.9
cb		7.8	102.1
+6		7.2	102.7
1/4		6.4	103.5
℄		5.5	104.4
1/4		4.4	105.5
+5		4.2	105.7
+8		2.8	107.1
cb		2.8	107.1
+8		3.1	106.8
S.L.		1.6.	108.3
2+00			
S.L.		0.5	109.4
+3		2.6	107.3
cb.		2.9	107.0

		Vdal.		
2+00		109.91		
cb. +2			3.0	106.9
+5			3.8	106.1
1/4			4.3	105.6
+5			4.6	105.3
℄			5.3	104.6
+7			5.6	104.3
1/4			6.9	103.0
+5			8.0	101.9
cb.			8.4	101.5
N.L.			9.6	100 3
+10			10.4	99.5
2+20	Floor of House on North, 13' Back of N.L.			✓
[illegible]			11.15	98.76
2+25			[illegible]	
-10			12.0	97.9
-5'			11.9	98.0
N.L.			10.0	99.9
cb.			8.6	101.3
+7			8.0	101.9
1/4			7.3	102.6
℄			6.0	103 9
+5			5.2	104.7
1/4			4.9	105.0
+5			4.6	105.3
+8			2.8	107.1

	+	Vdal ↑	-	El.
2+25		109.91		
cb.			2.8	107.1
+7			3.1	106.8
S.L.			0.3	109.6
T.P.	1.17	103.65	7.43	102.48
2+50				
S.L.	+2.9			106.5
cb.	2.5			106.1
+4	0.9			1045
1/4	0.3			103 9
℄			0.0	103.6
1/4			1.1	102.5
+2			2.0	101.6
cb.			2.6	101.0
N.L.			4.2	99.4
+3			4.7	98.9
+5			5.7	97.9
+10			5.8	97.6
2+75				
-10			6.8	96.8
-3			5.9	97.7
N.L.			5.0	98.6
cb			2.2	101 4
1/4			2.0	101.6
+2			1.4	102.2
℄			0.9	102.7

		Vdd		
2+75		103.65		
1/4			0.2	103.4
+5	+0.1			103.7
cb	1.1			104.8
S.L.	1.5			105.1
2+90	Garage on South Line			✓
	+0.50			104.15
3+00				
S.L.			0.0	103.6
cb.			0.2	103.4
+5			1.5	102.1
1/4			1.8	101.8
℄			2.1	101.5
1/4			2.6	101.0
cb.			3.0	100.6
+5			4.8	98.8
N.L.			4.9	98.7
+5			6.4	97.2
+10			7.3	96.3
3+25				
-10			7.5	96.1
-5			6.6	97.0
N.L.			5.0	99.7
cb.			4.3	99.3
1/4			4.2	99.4
℄			3.7	100.0

		Vdd.		
3+25		103.65		
1/4			3.4	100.2
+8			2.9	100.7
cb.			2.2	101.4
S.L.			2.0	101.7
3+50				
S.L.			5.5	98.2
cb.			5.0	98.6
+5			6.2	97.4
1/4			6.5	97.1
℄			6.9	96.8
1/4			6.5	97.1
+2			7.2	96.4
+6			7.0	96.6
cb.			7.8	95.8
N.L.			8.4	95.3
+10			9.2	94.4
3+75				
-10			10.0	93.6
N.L.			9.8	93.9
cb.			10.6	93.0
1/4			11.0	92.6
℄			11.1	92.6
+5			9.6	94.0
1/4			9.3	94.3
cb.			8.7	94.9

	+	π	−	El.
		Vdl		
3+75		103.65		
S.L.			8.1	95.6
4+00				
S.L.			11.4	92.3
cb.			12.0	91.7
1/4			13.0	90.7
+5			13.4	90.3
℄			14.0	89.6
1/4			14.1	89.6
cb.			14.1	89.6
N.L.			13.5	90.2
+10			14.0	89.7
3+83	sidewalk on North Line 3' wide			
			10.20	93.45
T.P.	0.17	90.84	12.98	90.67
4+25				
−10			7.1	83.7
N.L.			6.1	84.7 ~~83.7~~
cb.			6.0	84.8
1/4			5.6	85.2
℄			5.4	85.4
+3			4.1	86.7
1/4			3.9	86.9
+8			3.6	87.2
cb			2.8	88.0
S.L.			2.0	88.8

	+	π	−	El.
		Vdl		
4+50		90.84		
S.L.			5.4	85.4
cb.			6.4	84.4
1/4			7.4	83.4
℄			9.0	81.8
1/4			9.0	81.8
cb.			9.3	81.5
+5			10.1	80.7
N.L.			10.2	80.6
+10			10.8	80.0
4+75				
−10			14.2	76.6
N.L.			13.3	77.5
cb.			12.9	77.9
+5			12.9	77.9
1/4			13.0	77.8
℄			11.7	79.1
1/4			11.0	79.8
+8			9.5	81.3
cb.			9.1	81.7
+5			8.2	82.6
S.L.			7.7	83.1
4+90				
S.L.			9.6	81.2
+5			10.0	80.8
cb.			11.8	79.0

	+	Vdl. ✕	−	E.L.
4+90		90.84		
T.P.	2.57	81.29	12.12	78.72
¼			4.1	77.2
+1			5.2	76.1
+5			5.1	76.2
℄			5.9	75.4
¼			6.4	74.9
cb.			6.5	74.8
+4			5.6	75.7
+8			5.8	75.5
N.L.			5.4.	75.9
4+95				
N.L.			6.7	74.6
+5			7.7	73.6
cb.			8.3	73.0
¼			7.4	73.9
℄			7.4	73.9
+8			6.9.	74.4
¼			5.5.	75.8
+8			4.0	77.3
cb.			2.6	78.7
+6			0.8	80.5
S.L.			0.4	80.9
4+96.7 = E.L. of datalina.				
S.L.			6.99	74.3
S.L.+9 Top of curb.			7.16	74.13

	+	Vdl. ✕	−	El.
4+96.7 S.L.+9 Gutter.		81.29	7.79	73.50
¼			7.76	73.53
℄			7.93	73.36
¼			8.32	72.97
cb.+1 Gutter			8.99	72.30
cb.+1 Top of curb			8.38	72.91
N.L.			8.32	72.97
T.P.	4.96	73.30	12.95	68.34
T.P.	7.57	79.07	1.80	71.50
T.P.	11.38	90.29	0.16	78.91
T.P.	3.33	89.16	4.46	85.83
B.M.			3.46	85.70

B.P. N.E. B.P. Warrington, Tennessee.

X section. Worden N.L. Udal
To S.L. Voltaire 50' st. 10' cbs.

	+	✕	−	El.	
B.M.	7.90	90.26		82.36	N.E. Hub. Worden ✕ Udal
0+00 S = N.L. Udal.					
E.L.			7.9	82.4	
cb.			7.7	82.6	
1/4			8.9	81.4	
℄			9.1	81.2	
1/4			9.3	81.0	
cb.			9.8	80.5	
W.L.			10.2	80.1	
0+25					
W.L.			8.7	81.6	
cb.			7.9	82.4	
1/4			7.5	82.8	
℄			6.9	83.4	
1/4			6.4	83.9	
cb.			6.1	84.2	
+5			5.5	84.8	
E.L.			5.8	84.5	
0+50					
E.L.			3.0	87.3	
cb.			3.5	86.8	
1/4			4.3	86.0	
℄			4.9	85.4	
1/4			5.5	84.8	
cb.			6.0	84.3	

Worden.

	+	✕	−	El.
0+50		90.26		
W.L.			6.4	83.9
0+75				
W.L.			3.5	86.8
cb.			2.5	87.8
1/4			2.3	88.0
℄			1.6	88.7
1/4			1.1	89.2
cb.			0.7	89.6
T.P.	12.28	102.31	0.23	90.03
E.L.			12.0	90.3
1+00				
E.L.			8.7	93.6
cb.			9.4	92.9
1/4			10.5	91.8
℄			11.2	91.1
1/4			11.8	90.5
+5			11.2	91.1
cb.			11.8	90.5
W.L.			13.2	89.1
1+25				
W.L.			10.6	91.7
cb.			9.0	93.3
1/4			8.9	93.4
+3			7.4	94.9
℄			7.0	95.3

Worden

1+25	102.31		
¼		6.2	96.1
cb.		5.7	96.6
E.L.		5.4.	96.9
1+39			
E.L.		3.9	98.4
cb.		4.3	98.0
¼		4.6	97.7
℄		5.2	97.1
¼		5.6	96.7
+5		9.6	92.7
cb.		9.4	92.9
W.L.		10.8	91.5
1+50			
W.L.		11.1	91.2
cb.		10.6	91.7
+5		10.5	91.8
¼		8.3	94.0
℄		3.4	98.9
¼		3.4	98.9
cb.		2.6	99.7
E.L.		2.9	99.4
1+75			
E.L.		1.6	100.7
cb.		1.7	100.6
¼		2.1	100.2

Worden -

1+75	102.31		
¼ +2		1.9	100.4
℄		5.8	96.5
+5		9.4	92.9
¼		9.7	92.6
cb.		10.2	92.1
W.L.		10.9	91.4
1+84			
W.L.		10.9	91.4
cb.		10.1	92.2
¼		9.5	92.8
+3		9.2	93.1
℄		6.7	95.6
¼		1.7	100.6
cb		1.5	100.8
E.L.		1.2	101.1
1+95			
E.L.		0.2	102.1
cb.		0.3	102.0
¼		5.2	97.1
℄		8.8	93.5
¼		9.6	92.7
cb		9.8	92.5
W.L.		10.6	91.7
2+00 = S.L. Voltaire			
W.L.		10.8	91.5

Worden.

	+	X.	−	El.	
2+00		102.31			
cb.			10.0	92.3	
1/4			9.8	92.5	
℄			9.4	92.9	
1/4			8.4	93.9	
cb.	+0.5			102.8	
E.L.			0.0	102.3	
T.P.	0.47	90.07	12.71	89.60	
B.M.			7.72	82.35	N.E. Hub, Worden Udal.

X. Section Worden S.L. Udal. To N.L. Tenneson 50' st. 10' curbs

B.M.	0.16	82.52		82.36	N.E. Hub. worden + Udal.
0+00 = S.L. Udal.					
W.L.			15.7	66.8	
cb.			15.4		
1/4			15.2		
℄			15.0	67.5	
1/4			14.9		
cb.			14.3		
E.L.			13.7	68.8	
0+06					
E.L.			14.0	68.5	
cb.			15.0		

Worden.

45

0+06	82.52		
1/4		14.9	
℄		14.9	67.6
1/4		15.2	
cb.		15.4	
W.L.		15.5	67.0
+20		16.4	
0+19			
−15		11.4	
W.L.		11.8	70.7
cb.		12.3	
1/4		13.1	
℄		13.4	69.1
1/4		13.1	
cb.		13.5	
E.L.		13.9	68.6
+10		13.1	
0+30			
−10		11.2	
E.L.		11.2	71.3
cb.		11.8	
1/4		11.6	
℄		11.6	70.9
1/4		10.5	
cb.		9.2	
W.L.		7.5	75.0

Worden.

0+30	82.52		
W.L. +10		6.1	
0+40			
-10		4.0	
W.L.		3.6	78.9
cb.		5.8	
¼		7.9	
℄		9.3	73.2
¼		10.2	
cb.		10.5	
E.L.		10.3	72.2
+10		10.0	
0+45			
-10		9.0	
E.L.		9.4	73.1
cb.		9.1	
¼		9.0	
℄		7.7	74.8
¼		5.4	
cb.		4.0	
W.L.		3.0	79.5
+10		3.4	
0+70			
-10		2.6	
W.L.		1.8	80.7
cb.		0.9	

WORDEN

	+	↑	−	El.
0+70		82.52		
¼			1.2	
℄			1.2	81.3
¼			1.7	
cb.			2.2	
E.L.			2.5	80.0
+10			2.4	
T.P.	8.33	90.15	0.70	81.82
0+90				
E.L.			8.3	81.9
cb.			8.3	
¼			8.3	
℄			8.5	81.7
¼			8.6	
cb.			8.8	
W.L.			8.9	81.3
1+06				
W.L.			8.9	81.3
cb.			9.0	
¼			9.1	
℄			9.0	81.2
¼			9.2	
cb.			9.2	
E.L.			9.1	81.1
1+16				
E.L.			8.1	82.1

Worden

1+16	90.15		
cb.		8.0	
1/4		7.9	
℄		8.0	82.2
1/4		8.0	
cb.		8.2	
W.L.		8.2	82.0
1+50			
W.L.		6.0	84.2
cb.		6.0	
1/4		6.2.	
℄		6.5	83.7
1/4		6.0	
+2		6.8	
cb.		6.9	
E.L.		6.8	83.4
1+64			
E.L.		5.2	85.0
cb.		5.8	
1/4		5.9	
℄		5.6	84.6
1/4		5.7	
cb.		6.4	
W.L.		6.5	83.7
1+90			
W.L.		5.4	84.8

Worden

1+90	90.15		
cb.		5.5	
1/4		5.3	
℄		5.2	85.0
1/4		5.4	
cb.		6.1	
E.L.		7.3	82.9
2+00 = 60' street. 15' curbs.			
E.L.		6.6	83.6
cb.		5.4.	
1/4		4.9	
℄		4.7	85.5
1/4		4.5	
cb.		4.8	
W.L.		5.0	85.2
℄+25			
W.L.		3.5	86.7
cb.		3.2	
1/4		2.9	
℄		3.4	86.8
1/4		3.2.	
cb.		3.4	
E.L.		3.5.	86.7
2+50			
E.L.		2.1	88.1
cb.		2.4	

Worden

2+50		90.15		
¼			2.4	
℄			2.7	87.5
¼			2.5	
cb.			2.7	
W.L.			2.7	87.5
2+75				
W.L.			2.3	87.9
+12			2.4	
cb.			1.6	
¼			2.0	
℄			1.5	88.7
¼			1.4	
cb.			1.4	
E.L.			0.9	89.3
T.P.	6.05	95.12	0.98	89.17
2+96				
W.L.			6.0	89.2
+5			6.6	
cb			6.7	
¼			6.8	
℄			7.0	88.2
¼			7.0	
cb			7.0	
+2			7.0	
+5			6.4	
+10			6.1	

2+96	95.22		
E.L.		6.1	89.1
3+00			
E.L		6.2	89.0
+4		6.4	
+5		7.0	
cb		6.9	
¼		6.9	
℄		6.8	88.4
¼		6.7	
cb		6.5	
+2		6.6	
+5		6.3	
+10		5.5	
W.L.		5.1	90.1
3+07			
W.L.		4.0	91.2
+5		4.3	
+9		5.1	
+12		5.3	
cb		5.4	
+2		6.3	
¼		5.9	
+2		6.3	
℄		6.4	88.8
¼		6.5	
cb		6.6	

Worden ST.

3+07		95.22			3+33	95.22	
E.L			6.7	88.5	E.L	4.3	90.9
3+24					3+40 = N.L. Tennyson		
E.L			6.1	89.1	E.L	4.3	90.9
+5			6.0		+5	3.8	
+9			5.2		cb	3.6	
cb			5.3		+2	3.8	
+2			5.0		+5	3.4	
1/4			5.1		1/4	3.9	
+8			4.5		+4	3.4	
℄			4.0	91.2	℄	3.3	91.9
1/4			3.5		1/4	3.1	
cb			4.0		cb	2.8	
+9			3.1		+4	2.4	
N.L.			3.1	92.1	+10	2.5	
3+33					W.L	2.5	92.7
N.L.			2.8	92.4	BP NE Tennyson x Warrington		
+6			3.1		BM	9.2	85.75
cb			3.2				
1/4			3.5				
+4			3.4				
℄			3.6	91.6			
1/4			3.9				
+3			4.1				
+6			4.7				
cb			4.2				
+8			3.9				

X Sec. Wells – NL Tennyson to Voltaire 60'st to 1+40 80' Roadway 15' cbs

top F.H. S.E. wells x Tennyson

B.M.	0.24	107.31		107.07
0+00 = N.L Tennyson				
5'E			4.6	
E.L.			4.4	102.9
cb			4.1	
1/4			4.0	
℄			3.6	103.7
1/4			3.1	
cb			2.8	
+5			2.5	
+13			1.9	
W.L.			1.9	105.4
0+11				
W.L.			2.0	105.3
+8			2.8	
cb			3.2	
1/4			3.5	
℄			4.0	103.3
1/4			4.3	
cb			4.5	
+6			4.5	
+7			5.0	
+8			4.5	
E.L.			4.7	102.6
5.E			5.0	

0+25		107.31		
5E			5.6	
E.L.			5.6	101.7
+6			5.5	
+8			5.9	
+9			5.4	
cb			5.2	
+3			5.2	
1/4			5.0	
+3			4.9	
℄			5.2	102.1
+3			4.4	
1/4			4.3	
cb			3.7	
+			3.6	
W.L			0.8	106.5
0+35				
W.L			2.6	104.7
+4			3.5	
+10			4.3	
+12			4.7	
cb			4.4	
1/4			4.9	
℄			5.4	101.9
1/4			5.9	
+1			6.3	

		107.31							
0+35						0+75	107.31		
cb			6.1			w.L.		7.5	99.8
+1			6.3			+10		8.3	
+5			5.9			+13		9.0	
+7			6.7			cb		8.5	
+9			5.9			1/4		8.8	
E.L.			6.0	101.3		+4		9.1	
5E			6.2			℄		9.1	98.2
0+50						1/4		9.1	
5E			7.4			cb		9.1	
E.L.			7.3	100.0		+1		9.7	
+6			7.3			+1.5		9.1	
+7			7.9			+4		9.0	
+8			7.3			+6		9.2	
+12			7.2			+8		9.8	
cb			7.4			+9		9.0	
+1			7.9			E.L.		9.1	~~98~~.2
+5			7.3			5E		9.1	
1/4			7.0			1+00			
℄			6.7	100.6		5E		11.7	95.6
1/4			6.3			E.L.		11.7	
+6			5.8			+6		11.8	
cb			5.8			+6.5E		12.7	
+3			6.1			+7		12.0	
+4			5.6			cb		11.5	
+10			5.3			1/4		11.4	
w.L.			4.8	102.5					

Plotted from 0+50 ahead 107.28 GBM

1+00		107.31			
℄			11.3	96.0	
¼			10.6		
+3			10.2		
cb			10.2		
+3			10.3		
+4			10.9		
+5			9.9		
w.L.			9.2	98.1	
1+20					
w.L			10.6	96.7	
+10			11.4		
+12			12.6		
+13			12.2		
cb			12.0		
+5			12.2		
¼			12.5		
℄			12.6	94.5	
¼			12.8		
cb			13.1		
+7			13.4		
+10			14.1		
+11			12.7		
E.L			13.5	93.8	
5E			14.0		
T.P.	0.42	94.70	13.03	94.28	

1+40		94.70		
5E			2.1	
E.L			2.0	92.7
+4			1.8	
+5			2.5	
+7			2.0	
cb			1.6	
¼			1.4	
℄			1.6	93.1
¼			1.8	
cb			1.6	
+3			1.8	
+6			1.2	
w.L			1.1	93.6
50' St		30 Rdway		10' cbs
1+70				
w.L.			3.7	91.0
+6			3.6	
+9			4.2	
cb			4.1	
¼			3.9	
℄			3.9	90.8
¼			3.7	
+5			3.7	
cb			3.6	
+8			3.8	
E.L			4.0	90.7

94.70

1+70		
2E	4.6	
2 5E	4.0	
5E	4.0	
2 +00		
5E	6.1	
9E	6.1	
2E	6.8	
1E	6.2	
E.L.	6.1	88.6
cb	5.7	
+3	6.0	
1/4	6.0	
+4	5.9	
℄	6.0	88.7
+1	5.8	
+6	6.0	
1/4	6.7	
+3	6.4	
cb	6.1	
+3	6.0	
+4	5.11	
w.L.	5.3	89.4

94.70

2+25		
w.L	7.0	87.7
+8	7.4	
+9	8.0	
cb	8.0	
+3	8.1	
+5	8.8	
1/4	8.0	
℄	8.1	86.6
+3	8.0	
1/4	7.9	
+3	7.9	
cb	7.3	
E.L	7.7	87.0
2+35		
E.L	8.4	86.3
cb	8.2	
+3	8.7	
1/4	8.7	
+4	8.8	
℄	9.4	85.3
+5	8.7	
+6	10.4	
1/4	10.2	
+3	8.7	
cb	8.8	
+1	8.7	

94.70

2+35		
Cb+3	8.0	
+8	7.8	
W.L.	7.9	86.8
2+50		
W.L.	8.9	85.8
+6	9.0	
Cb	9.7	
+5	9.9	
+6	10.6	
1/4	10.1	
+3	11.7	
+4	11.7	
+5	10.9	
+6	11.8	
℄	10.8	83.9
+1	10.0	
+5	9.8	
1/4	10.0	
+4	9.8	
Cb	9.1	
+5	9.4	
E.L.	9.5	85.2

94.70

2+56		
E.L.	10.4	84.3
+5	9.9	
+6	9.6	
+9	9.5	
Cb	9.8	
1/4	10.6	
+6	10.6	
℄	11.4	83.3
+12	12.5	
+6	12.3	
1/4	10.8	
+1	11.2	
+3	10.4	
Cb	10.2	
+2	10.1	
+3	9.6	
W.L	9.4	85.3
2+66		
W.L	9.9	84.8
+5	10.2	
+9	10.8	
Cb	10.7	
+3	10.7	
+6	12.5	
1/4	12.7	

2+66		94.70			
4+3			12.7		
℄			12.5	82.2	
+5			12.4		
¼			11.9		
+05			10.9		
cb			10.5		
+5			10.9		
E.L			11.9	83.8	
2+81					
E.L			13.6	81.1	
cb			13.7		
¼			13.9		
+3			13.8		
℄			12.1	82.6	
+5			12.1		
¼			13.4		
+5			13.1		
cb			12.1		
+3			11.5		
W.L.			10.8	83.9	
T.P	0.82	82.56	12.96	81.74	

2+88	82.56			
W.L		0.2	82.4	
+3		0.3		
cb		0.8		
¼		1.5		
+4		1.4		
℄		1.5	81.1	
¼		1.7		
cb		2.1		
+4		2.4		
E.L		2.4	80.2	
2+75				
E.L		2.5	80.1	
cb		2.6		
+3		2.5		
¼		2.2		
℄		2.0	80.6	
+5		1.6		
¼		1.6		
+5		2.2		
cb		1.8		
+3		1.7		
+5		1.1		
+8		0.9		
W.L.		0.4	82.2	

Wells

82.56

3+00			
W.L.	1.9	80.7	
+6	2.0		
+9	2.5		
cb	2.3		
+2	1.8		
¼	2.0		
+6	2.0		
℄	2.4	80.2	
¼	2.7		
cb	2.8		
E.L.	2.7	79.9	
3+20			
E.L.	2.9	79.7	
+4	3.1		
cb	3.2		
¼	3.4		
℄	3.6	79.0	
¼	3.6		
cb	3.4		
+1	3.2		
+5	3.3		
W.L.	3.1	79.5	

Wells

82.56

3+33			
W.L.	4.0	78.6	
cb	4.1		
¼	4.0		
℄	3.7	78.9	
¼	3.7		
+4	3.8		
+5	3.7		
cb	3.8		
+2	4.4		
+3	4.5		
E.L.	4.5	78.1	
5 E.	6.2		
3+40 = 5 L Vdal.			
E.L.	7.6	75.0	
+6	5.2		
cb	4.6		
+5	5.2		
¼	4.2		
+1	4.0		
+4	4.2		
℄	4.0	78.6	
¼	4.0		
cb	4.2		
W.L.	4.4	78.2	
B.M. Ñ5 Vdal & Norden.	0.24	82.32	82.36

Wells

HUB NE
Vdal & Wells

B.M.	230	68.02		65.72
0+00 = NL		Vdal		
E.L.			2.2	65.9
+5			1.5	
cb			0.7	
1/4			0.4	
℄			0.8	67.2
1/4			1.0	
cb			1.4	
W.L.			1.2	66.8
0+15				
W.L.			2.8	65.2
+8			2.7	
cb			2.4	
1/4			1.5	
℄			0.3	67.7
+5			0.1	
1/4			0.1	
cb			1.0	
+6			2.0	
E.L.			3.1	64.9
20'E			8.3	
30'E			9.7	

Wells

0+37	68.02		
30'E		10.9	
25'E		10.8	
10'E		9.0	
E.L.		7.0	61.0
cb		3.9	
1/4		2.4	
+5		1.5	
℄		1.6	66.4
+3		1.8	
1/4		2.8	
cb		4.2	
+5		5.4	
W.L.		5.3	62.7
20'W		5.8	
0+61			
20'W		9.4	
W.L.		9.6	58.4
+6		9.4	
cb		9.0	
1/4		7.4	
℄		6.0	62.0
+5		5.4	
1/4		5.7	
+3		6.4	
cb		7.2	
E.L.		10.0	58.0

Wells

0+61	680.2			
15'E		12.5		
27'E		12.4		
30'E		11.6		
0+85				
20'E		11.7		
6'E		13.8		
E.L.		14.3	53.7	
cb		13.9		
1/4		13.9		
℄		13.8	54.2	
1/4		13.2		
cb		12.9		
w.l.		12.7	55.3	
17'w		12.6		
20'w		11.6		
0+97				
20w		14.2		
15w		14.3		
w.l.		14.0	54.0	
cb		14.2		
1/4		14.4		
℄		14.9	53.1	
1/4		15.0		
cb		14.7		
E.L.		14.2	53.8	

0+97	680.2			
10E		12.1		
20E		10.5		
1+12				
10E		3.3		
E.L.		9.8	58.2	
+4		12.4		
cb		13.8		
1/4		14.7		
℄		15.7	52.3	
1/4		16.1		
cb		16.6		
w.l.		16.6	51.4	
13w		16.0		
20w		15.6		
30w		15.6		
1+22				
30w		16.4		
19w		17.2		
7w		17.1		
w.l.		16.5	51.5	
cb		15.3		
1/4		14.5		
℄		14.2	53.8	
1/4		13.7		
+5		13.1		
cb		12.8		

1+22	68.02		
cb+6		11.5	
E.L.		9.1	58.9
10E		2.0	
1+37			
10E		2.7	
E.L.		8.3	59.7
+4		11.2	
cb		11.9	
1/4		12.4	
℄		12.6	55.4
1/4		13.1	
cb		13.6	
w.L.		14.4	53.6
10w		15.7	
20w		17.0	
30w		17.8	
1+54			
30w		16.0	
16w		14.4	
w.L.		13.2	54.8
cb		12.4	
1/4		11.5	
℄		10.6	57.4
+3		10.2	
1/4		9.7	

1+54	68.02		
cb		8.8	
+6		8.1	
E.L.		5.8	62.2
10E		0.0	
1+79			
10E		+2.4	
E.L.		2.7	65.3
+3		4.0	
cb		4.6	
1/4		5.3	
℄		5.7	62.3
1/4		6.4	
cb		7.2	
w.L.		8.3	59.7
20w		11.7	
2+00 = S.L. Voltaire.			
20w		7.2	
8w		5.7	
w.L.		5.5	62.5
+6		5.4	
cb		5.5	
1/4		5.0	
℄		4.4	63.6
1/4		3.5	
cb		3.3	
E.L.		2.4	65.6

Wells

2+00	68.02		
10.E.		+1.8	
X Sec. Tennyson – E.L. Wells			
to E.L. Catalina.			
60' st 10' cbs		Oct 6-28	
40' Rdway		Houdon Hebell Morgan	
F.H. SE Tennyson & Wells.			
BM	10.18	117.25	107.07
0-60 = E.L. Wells			
N.L.		14.3	103.0
+6.5		14.6	
+8		15.4	
cb		15.8	101.5
+6		14.8	
¼		14.5	
℄		14.1	103.2
¼		13.4	
g.t		13.3	
tub s cb		12.66	104.59

Plotted – 10-11-28 – CBH

Tennyson

117.25

0-50 = Ecb Wells		
S.L. top	12.00	105.25
S.L. g.t	12.5	104.8
+6	12.9	
cb	13.0	
+4	12.8	
¼	13.1	
℄	13.5	103.8
¼	14.3	
+5	14.6	
cb	15.3	102.0
℄	15.3	
+4	14.6	
N.L.	14.1	103.2
0-40 = E¼ Wells		
N.L.	14.2	103.1
+5	14.2	
+9	15.0	
cb	15.0	
+5	14.1	
¼	13.8	
℄	13.1	104.2
¼	12.7	
cb	12.2	
S.L.	11.7	105.6

Tennyson

11725

0-30 = ℄ wells			
S.L.	11.1	106.2	
cb	11.8		
1/4	12.2		
℄	12.6	104.7	
+5	12.8		
1/4	13.2		
+6	13.5		
cb	14.5	102.8	
+2	14.5		
+5	13.6		
N.L.	13.4	103.9	
0-20 = w/4 wells			
N.L.	12.9	104.4	
+7	12.8		
cb	13.5		
+8	13.8		
+5	12.9		
1/4	12.7		
+8	12.2		
℄	12.1	105.2	
+7	11.9		
1/4	11.6		
cb	11.3		
+5	11.0		
S.L.	10.9	106.4	

Tennyson

11725

61

0-10 = wcb wells			
S.L.	10.6	106.7	
cb	11.0		
+7	11.3		
1/4	11.2		
+6	11.4		
℄	11.6	105.7	
1/4	12.1		
+4	12.2		
cb	12.7	104.6	
+1	13.3		
+3	13.4		
+4	12.6		
N.L.	12.5	104.8	
0+00 = w.L. wells			
N.L.	11.8	105.5	
+4	11.7		
+6	12.6		
+9	13.1		
cb	13.2	104.1	
+15	13.2		
+2	12.2		
+6	11.8		
1/4	11.5		
℄	11.0	105.3	
1/4	10.7		
+6	10.9		

Tennyson

0+00	117.25		
eb		10.6	
+1		10.6	
+3		10.0	
+5		10.0	
+6		10.3	
+9		10.0	
S.L.		9.6	107.7
0+25			
S.L.		8.6	108.7
+3		9.1	
+4		8.7	
+8.5		8.7	
+9		9.6	
eb		9.7	
+3		9.8	
¼		9.5	
℄		9.7	107.6
¼		10.2	
+9		11.1	
eb		11.6	
+0.5		12.2	
+1.5		12.2	
+2		11.6	
+5		10.6	
N.L		10.5	106.8

Tennyson

0+50	117.25		
N.L		8.7	108.6
+6		8.7	
eb		9.6	
+1		9.7	
+1.5		10.7	
+2.5		10.7	
+3		9.5	
+6		9.1	
¼		8.8	
+5		8.4	
℄		8.3	109.0
¼		8.1	
+5		8.3	
+7		8.5	
eb		8.4	
+3		8.3	
+4		7.7	
+7		7.5	
+8		7.7	
S.L.		7.3	110.0

Tennyson

0+75	117.25		
B.L.		6.1	111.2
+1		6.5	
+2.5		6.6	
+3		6.0	
+4		6.1	
cb		6.7	
+2		6.8	
1/4		6.7	
℄		6.8	110.5
+1		7.1	
1/4		7.5	
+1		8.4	
+1		8.4	
cb		8.3	
+2		7.6	
N.L.		7.8	109.5
1+00			
N.L.		6.4	110.9
+1		6.4	
cb		7.2	
+2		7.2	
+3		6.5	
+2		6.1	
1/4		5.9	
℄		5.5	111.8

Tennyson

1+00	117.25		
1/4		5.2	
+4		5.2	
+1		5.3	
cb		5.2	
+3		4.7	
+2		4.8	
+1		5.2	
S.L.		5.2	112.1
1+25			
S.L.		3.1	114.2
+3		3.3	
+1		3.3	
cb		3.7	
1/4		3.8	
℄		4.2	113.1
1/4		4.7	
+3		4.8	
+1		5.2	
+1		6.2	
cb		6.1	
+2		6.1	
+4		5.3	
N.L.		5.3	112.0

Tennyson

1+5 0	117.25		
N.L		3.8	113.5
+5		3.6	
+7		4.1	
+8		5.0	
+9		5.0	
cb		4.5	
+3		3.8	
¼		3.3	
+8		2.7	
℄		2.6	114.7
+3		2.7	
¼		2.3	
cb		2.0	
+5		1.7	
+7		1.8	
S.L.		1.2	116.1
1+05			
S.L.		+0.4	117.7
cb		0.7	
¼		1.0	
℄		1.3	116.0
¼		2.0	
+8		2.7	
cb		3.2	
+1		3.9	
+2		3.9	

Tennyson

1+7 5	117.25		
cb+3		3.5	
+8		2.6	
N.L.		2.6	114.7
TP. 13.07	130.11	0.21	117.04
2+0.0			
N.L		14.4	115.7
+7		14.0	
+9		15.3	
cb		14.8	
+5		14.1	
¼		13.4	
℄		12.8	117.3
¼		12.5	
+9		12.2	
cb		12.4	
+2		12.3	
+2.5		11.9	
+7		11.7	
S.L		11.0	119.1
2+2 5			
S.L		10.0	120.1
+3		10.5	
+8		10.7	
+7		11.0	
cb		10.9	

Tennyson

2+25	130.11		
1/4		11.0	
℄		11.4	118.7
1/4		12.1	
+9		12.9	
cb		13.2	
+1		14.6	
+2		13.0	
+4		12.0	
N.L.		12.5	117.6
2+50			
N.L.		11.0	119.1
+5		11.1	
+8		12.0	
+8½		13.3	
+9½		13.3	
cb		12.0	
+3		11.3	
1/4		10.7	
℄		10.1	120.0
1/4		9.7	
cb		9.5	
+4		89	
S.L.		9.0	121.1

Tennyson

65

2+75	130.11		
S.L.		7.3	122.8
+3		7.6	
+6		7.8	
cb		8.2	
1/4		8.4	
℄		8.5	121.6
1/4		9.2	
+5		9.6	
+9		9.9	
+9½		10.3	
cb		11.8	
+1		11.3	
+1½		10.5	
+4		9.7	
N.L.		9.7	120.4
3+00			
N.L.		8.3	121.8
+6		8.2	
+7½		8.4	
+8		10.6	
+9		10.8	
cb		8.5	
+4		8.4	
1/4		8.0	
℄		7.3	122.8

Tennyson

3+00	130.11		
1/4		7.0	
cb		6.9	
+2		6.5	
S.L.		5.6	124.5
3+20			
S.L.		4.7	125.4
+2		5.1	
+7		5.3	
cb		5.8	
1/4		6.0	
℄		6.2	123.9
1/4		6.7	
+5		7.1	
+7		7.4	
+8		9.4	
+9		7.7	
cb		7.7	
+15		8.4	
+2		7.5	
+5		7.0	
N.L.		7.2	122.9

Tennyson

3+30	130.11		
N.L		6.8	123.3
+7		6.8	
cb		7.6	
+1		7.6	
+3		6.7	
1/4		6.5	
+05		8.1	
+2		8.0	
+3		6.2	
℄		5.9	124.2
1/4		5.6	
+9		5.4	
cb		5.3	
+4		4.6	
+7		4.5	
S.L.		4.4	125.7
3+50			
S.L.		3.2	126.9
+3		3.3	
cb		4.4	
1/4		4.7	
+6		5.1	
℄		6.3	123.8
+1		6.2	
+2		5.0	

Tennyson

3+50	130.11		
1/4		5.4	
+5		5.7	
cb		6.5	
+1 5		6.8	
+2 5		5.9	
+5		5.7	
NL		5.9	124.2
3+70			
N.L.		5.1	125.0
+6		5.0	
+7		5.8	
cb		5.8	
+3		5.3	
1/4		4.5	
℄		4.3	125.8
+5		4.4	
1/4		4.1	
+8		3.9	
cb		3.6	
S.L.		3.0	127.1

Tennyson

130.11

3+95 = E.L. San Clemente.

S.L.	2.3	127.8
+5	2.5	
cb	3.1	
+7	3.0	
1/4	3.2	
℄	3.6	126.5
1/4	4.0	
+3	4.0	
+9	4.9	
cb	5.3	
+2	5.1	
+4	4.6	
N.L.	4.6	125.5
4/+95 = ℄ San Clemente		
N.L.	4.2	125.9
+2	4.4	
cb	4.2	
+5	3.7	
1/4	3.5	
+4	3.3	
℄	3.2	126.9
1/4	2.7	
+9	2.7	
cb	2.6	
+4	2.2	
S.L.	1.8	128.3

Tennyson

130.11

4+55 = W.L	San elemente.	
S.L	1.8	128.3
+7	2.1	
eb	2.3	
+3	2.5	
1/4	2.6	
℄	2.9	127.2
+7	3.2	
1/4	3.6	
+2	3.6	
eb	4.1	
+2	4.2	
+3	4.0	
+5	4.1	
N.L	3.5	126.6
4+75		
N.L.	3.4	126.7
+4	4.0	
+8 5	3.9	
eb	4.1	
+9	3.7	
1/4	3.6	
℄	2.8	127.3
1/4	2.4	
eb	2.4	
+1	2.2	
+3	1.9	

Tennyson

4+75	130.11	
SL	1.8	128.3
5+00		
S.L	1.6	128.5
+8	1.9	
eb	2.3	
+3	2.4	
1/4	2.3	
+5	2.5	
℄	2.8	127.3
1/4	3.6	
+9	4.1	
eb	4.0	
+2	3.6	
N.L	3.5	126.6
5+30		
N.L	3.5	126.6
+3	3.7	
+8	3.4	
eb	3.9	
+1	4.1	
+8	3.9	
1/4	3.7	
℄	3.0	127.1
1/4	2.5	
+6	2.6	

Tennyson

5+30	130.11			
cb		2.5		
+2		2.3		
+4		1.9		
S.L.		1.8	128.3	S. side
S. cb stake 1+75				
B.M.	0.64	128.82	1.93	128.18 Tennyson
5+50				
S.L.		1.1	127.7	
+7		1.1		
cb		1.7		
+1		1.9		
+2		1.8		
+2.5		1.6		
1/4		1.6		
+3		1.6		
4		2.1	126.7	
1/4		2.7		
+4		3.0		
+8		3.4		
cb		2.7		
+5		2.8		
N.L.		2.0	126.8	

Tennyson

128.82			
5+40			
N.L.	2.7	126.1	
+3	3.6		
+4	3.4		
+9	3.3		
cb	3.5		
+2.5	4.3		
+5	4.0		
+6	3.7		
1/4	3.5		
4	2.8	126.0	
1/4	2.3		
+7	2.3		
+9	2.9		
cb	2.3		
+3	1.7		
S.L.	1.7	127.1	
5+90			
S.L.	3.3	125.5	
+1	3.3		
+3	3.4		
+3.5	3.2		
+6	3.2		
+9	3.7		
cb	4.5		
+1	4.7		

Tennyson

5+90	128.82		
cb +2		3.8	
1/4		3.9	
℄		4.4	124.4
1/4		4.8	
+1		5.0	
+1.5		5.3	
2		5.3	
+3		4.8	
+3.5		5.0	
+6		5.8	
+7.5		5.9	
+8		5.0	
cb		4.7	
+3		4.7	
+3.5		5.0	
+4.5		5.1	
+5		4.7	
N.L.		4.0	124.8

Tennyson

6+00	128.82		
N.L.		5.0	123.8
+3		5.4	
+3.5		6.1	
+4		6.1	
+5		5.6	
cb		5.5	
+3		6.1	
+3.5		7.3	
+4.5		5.7	
+6.5		5.5	
+7.5		5.8	
+8		6.3	
+8.5		6.3	
1/4		5.7	
+2		5.6	
+2.5		5.9	
+4		5.6	
℄		5.1	123.7
1/4		4.6	
+8		4.7	
+9		5.4	
cb		4.8	
+4		4.0	
S.L.		4.1	124.7

Tennyson

6+10	128.82		
S.L.		5.0	123.8
+7		5.2	
+9		6.5	
cb		6.6	
+1		5.7	
1/4		5.7	
℄		6.0	122.8
+8		6.7	
1/4		8.5	
+1		8.7	
+3		7.0	
+4		9.1	
+5		8.5	
+7		8.2	
cb		6.7	
+1		6.7	
+2		7.3	
+3		6.8	
+4		7.5	
+5		8.6	
+6		7.0	
+7		6.6	
N.L.		6.2	122.6

Tenny son

71

6+25	128.86		
N.L		7.8	121.0
+7.5		8.1	
cb		10.7	
+6		10.7	
+7		10.0	
1/4		7.9	
℄		7.7	121.1
+4		7.6	
1/4		7.2	
+7		7.4	
+8		7.1	
cb		8.2	
+1		8.2	
+3		6.9	
+4		6.6	
+6		6.8	
S.L.		6.4	122.5
6+50			
S.L.		9.3	19.6
+2		9.4	
+3		9.9	
+4		9.9	
+5		9.5	
+9		10.0	
cb		10.9	

Tennyson

6+50	128.86		
cb +1		10.6	
+3		10.0	
+5		10.1	
1/4		10.1	
+9		10.4	
℄		10.7	118.2
+1		10.8	
+2		10.4	
1/4		10.7	
+1		10.9	
+1.5		11.5	
+2.5		11.4	
+3.5		10.8	
+4.5		11.1	
+5.5		12.6	
cb		13.0	
+0.5		13.0	
+1.5		11.0	
+5		11.0	
NL		10.6	118.3

Tennyson

72

6+75		128.82		
NL			13.1	115.7
+2			13.6	
+8.5			11.7	
cb			15.3	
+4			15.0	
+5			13.8	
+6			13.5	
+7			14.4	
+8			14.4	
+8.5			13.6	
1/4			13.3	
+5			13.3	
℄			12.9	115.9
+5			12.8	
1/4			12.9	
+5.5			12.7	
+6			13.0	
+7			12.9	
+9			12.5	
cb			12.9	
+1.5			13.4	
+3			12.1	
S.L.			11.9	116.9
TP	0.12	116.31	12.63	116.19

7+00	116.31			7+25	11631		
3.6		2.0	114.3	N.C.		6.5	109.8
+3		2.8		cb		6.4	
+4		2.2		+0.5		7.9	
+5		2.2		+2.5		7.9	
+7		2.5		+3		6.6	
cb		3.9		+4		6.5	
+1		2.8		+6		7.0	
1/4		3.0		+7		6.2	
+1		3.1		+8.5		6.3	
+2		3.0		+9		7.0	
E		3.2	113.1	+9.5		6.2	
+4		3.2		1/4		6.2	
+9		3.7		E		6.0	110.3
1/4		3.7		+7		5.6	
+1.5		3.7		+9.5		6.0	
+2		3.5		+8.5		5.7	
+5		3.9		1/4		5.6	
+7		3.7		+4		5.6	
+8		3.8		+6		5.3	
cb		4.8		+8		6.8	
+1		4.8		cb		6.8	
+2		3.5		+1		5.5	
N.C.		3.7	112.6	+3		5.0	
				+7		5.1	
				+8		5.3	
				+9		5.0	

7+25	116.31						116.31		
S.L.		4.9	111.4		cb +8		10.7		
7+50					+9		9.5		
S.L.		7.8	108.5		N.L.		9.3	107.0	
+3		7.6			7+75				
+9		8.0			N.L.		12.8	103.5	
cb		9.7			+15		13.1		
+2		10.0			+25		12.5		
+5		9.0			+6		12.3		
+6		8.4			+95		14.4		
1/4		8.5			cb		14.4		
+85		8.6			+2		14.4		
+4		9.0			+3		12.5		
+55		9.0			+6		12.1		
+6		8.7			1/4		11.9		
℄		8.7	107.6		℄		11.5	104.8	
1/4		9.1			+5		11.4		
+2		9.6			+6		11.7		
+3		10.6			+7		11.4		
+4		9.3			1/4		11.3		
+7		9.5			+35		11.2		
+85		12.2			+4		12.2		
cb		12.3			+7		12.1		
+1		12.2			+8		11.0		
+2		9.3			cb		11.0		
+6		9.5			+5		10.2		
+65		10.6			S.L.		10.5	105.8	

		116.31			8+05	106.41			
TP	0.56	106.41	10.46	105.85	N.L.		4.3	102.1	
7+87					+4		5.9		
S.L.			1.6	104.8	+9		5.6		
+05			2.0		cb		7.2		
+15			1.7		+3		7.2		
+7			1.8		+6		5.4		
cb			2.4		1/4		5.2		
+05			2.7		℄		5.0	101.4	
+25			2.5		+4		4.8		
+35			3.5		+5		5.0		
+6			3.4		+7		5.0		
+65			2.7		+8		4.8		
1/4			2.8		1/4		4.8		
+3			3.0		+6		4.6		
+6			2.8		+9		5.0		
℄			2.9	103.5	cb		6.2		
1/4			3.4		+2		5.8		
+35			3.7		+5		4.1		
+4			4.1		+7		3.7		
+5			3.6		+9		4.2		
+9			4.0		S.L.		4.1	102.3	
cb			5.4						
+4			5.3						
+7			4.3						
N.L.			3.5	102.9					

8+25		106.41					106.41		
S.L.			5.9	100.5		eb		9.0	
+1			5.9			+0.5		9.0	
+2			6.3			+2.5		7.7	
+4			6.5			+5		7.6	
+5			5.9			+5.5		7.9	
+8			6.4			+8.5		7.9	
+9			7.5			N.L.		7.5	98.9
eb			7.7			8+50			
+3			8.0			N.L.		9.7	97.7
+3.5			7.0			+4		10.7	
+7			6.9			+6		10.8	
1/4			6.9			+7		10.4	
+1			7.0			+8		10.4	
+2			7.1			+9		11.0	
+3			6.7			eb		11.0	
℄			6.9	99.5		+2		11.0	
+9			7.3			+3.5		10.6	
1/4			7.6			+4		10.9	
+1			7.2			+7		10.7	
+2			7.3			+8		9.9	
+2.5			7.7			1/4		10.0	
+3.5			7.8			℄		9.6	96.8
+4			7.4			+7		9.4	
+5			7.2			+8		9.5	
+8			7.7			1/4		9.5	
+9			8.9			+5.5		9.3	

8+50		106.41			9+00		96.47		
+6			9.9		NL			4.9	91.6
+9			9.6		+5			4.6	
cb			9.3		cb			4.6	
+4			8.5		+3			4.4	
+9			8.6		+5			5.3	
S.L.			9.0	97.4	+7			5.3	
8+75					14			5.1	
S.L.			11.1	95.3	℄			4.8	91.7
+3			11.0		14			4.4	
cb			11.7		cb			3.8	
+2			12.1		+2			3.6	
+7			11.7		+5			3.0	
14			11.9		+6.5			3.1	
+2			12.1		+7.5			4.0	
+5			11.9		+9			3.9	
℄			12.2	94.2	S.L.			3.3	93 ✓
14			12.7		9+10				
+3			13.2		S.L.			4.6	91.9
+5			12.9		+4			4.7	
cb			12.9		+5			4.1	
+8			13.1		cb			4.5	
NL			12.4	94.0	+1.5			4.7	
T.P.	2.92	96.47	12.86	93.55	+3			5.5	
					14			5.5	
					℄			5.8	90.7

Tennyson

9+10	96.47		
1/4		6.1	
+3		6.3	
+5		5.7	
+8		6.0	
ob		5.9	
+4		5.6	
+9		5.6	
NL		4.7	91.8
9+17			
NL		5.8	90.7
+1		6.1	
cb		6.7	
+6		6.6	
1/4		6.9	
+5		6.9	
+7		6.7	
℄		6.6	89.9
1/4		6.3	
+5		6.4	
cb		6.2	
+4		6.2	
+5		5.4	
+7		5.3	
S.L.		4.5	92.0

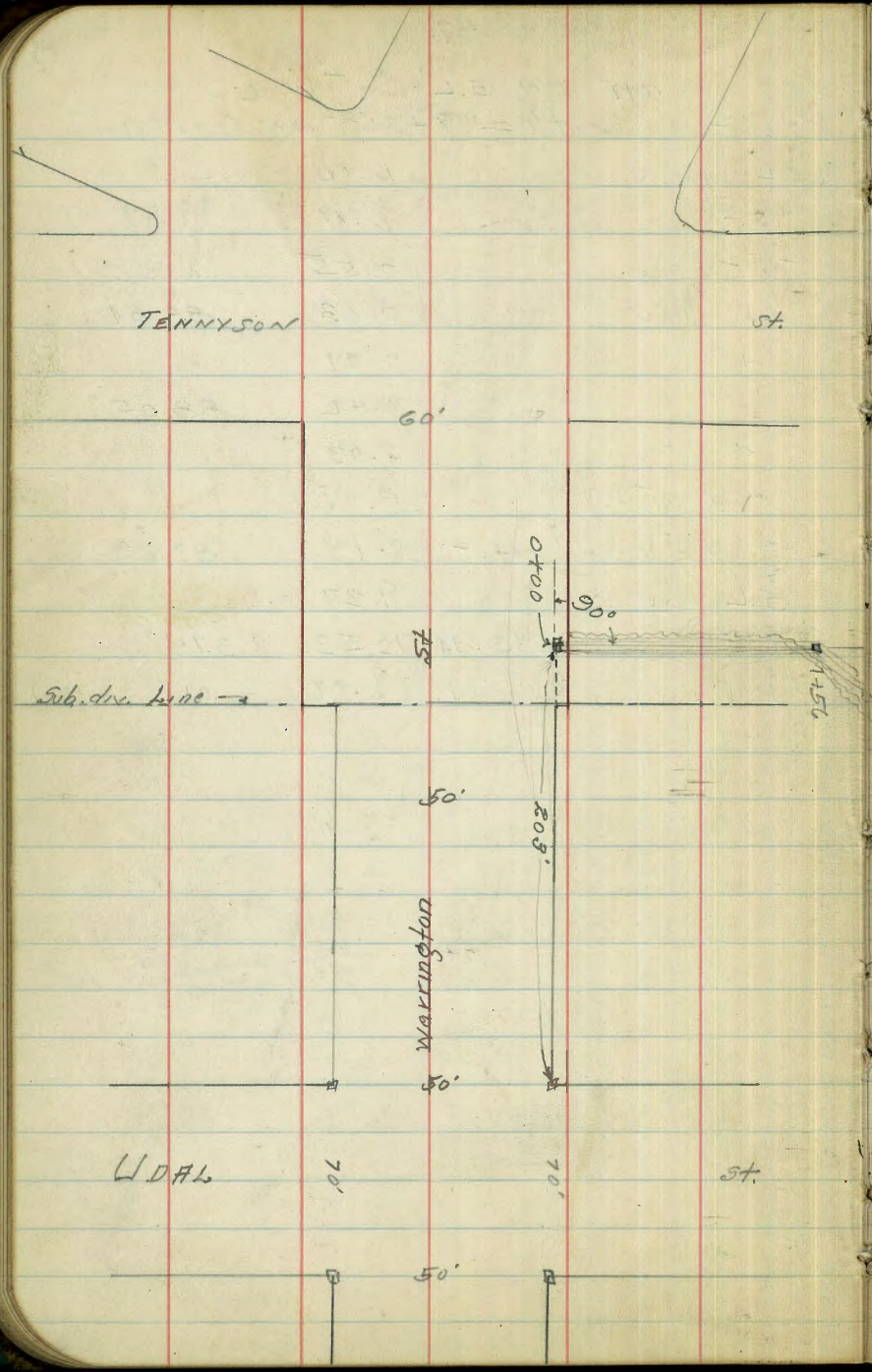
96.47

End Section on E.L. Catalina.
9+18 3/4 on South = 9+35 1/2 on North

9 S.L. walk		6.80	
+5 5/5 top cb and ret.		6.89	89.58
+5 5/5 gut pav.		7.55	
cb pav.		7.63	88.84
1/4 ✓		7.91	
℄ ✓		8.42	88.05
1/4 ✓		9.03	
cb (gut.)		9.76	
top cb and ret.		9.18	87.29
~~S.L.~~ N.L.		9.27	
T.P.	0.00	12.53	83.94
top cb S. Vidals Catalina.		9.86	74.08 (74.13)

935.2 − 455.0 = 480.2

918.2 − 455 = 463.3



Walker
Leeky
Mathoon
11-23-28

LEVELS FOR PROPOSED DRAIN
As Located on opp. Page

9

	3.21	88.89		85.68	NE. BP Tennyson & Washington
				84.69	1.5' Lt.
0+00			4.20	on stub.	= 83.2 = ditch
+25 in Bottom ditch			5.9	83.0	1' Rt. = 84.4 = Nat. Ground
+50 on Nat. Ground			5.5	83.4	1' Lt. = Bottom ditch 82.0
+75 " " "			6.2	82.7	1' Lt. = ditch 81.4
1+00 " " "			6.3	82.6	1.5' Lt. = " 80.9
+25 " " "			6.4	82.5	2' Lt. 80.7
+48 " " "			7.0	81.9	2' Lt. = ditch 80.5
+50 in Bottom ditch			8.4	80.5	
+53 " " "			8.4	80.5	
1+55 on top Bank			6.4	82.5	
TP	1.79				
+56 on stub		84.33 ✓	6.35	87.54 ✓	
1+60 " Nat. Ground			2.6	81.7	3' Rt. = ditch 80.4
2+00 " " "			3.3	81.0	5' Rt. = " 79.9
+50 " " "			4.5	79.8	10' Rt. = " 78.9
+75 " " "			4.7	79.6	3' Rt. = " 78.2
+87 " " " = Bottom ditch.			5.9	78.4	
3+00			7.8	76.5	
+35 = End of Line			10.61	73.77	on stub.
chk. 84 1465 on Page 22			2.9	81.4	
				81.4 ✓	

IMPROVED TABLES AND INFORMATION

78.91
11.34
90.25
7.90
82.35

38.03
43.83
58.14
250.00
500
890.00

6140
.66

550
129.47
82.14
130.38
892.01

8433
29
81.4

395
60
491.06
946.06