Misc. X See Notes.

F.B. 46

FIELD BOOK.

No. 359 N.

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Return to City Engineers Office
City Hall, San Diego, Cal.

MICROFILMED
DEC 4 1964

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City Hall, San Diego, Cal.

Book 46

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Sept. 26. '92 Hamlin Book.
Shaw. Level.
Williams Rod.
Jan Hook Tape.

Station	West line	W. Curb	Gutter	Middle	Gutter	East side	E. Curb	H +	H O	Elev
BM		⊼ (67.3)						+ 8.90	67.34 B.M.	58.44
	9.7	9.9	9.9	10.1	10.4	10.4	10.0			
3	57.6	57.4	57.4	57.2	56.9	56.9	57.3	South line of "B" Street		
	9.9	10.0	10.0	9.8	10.2	10.2	10.7			
+14	57.4	57.3	57.3	57.5	57.1	57.1	56.6			
	9.5			9.4			9.8			
+40	57.8			57.9			57.5	Middle line of "B" Street		
	9.2	9.2	9.2	9.2	9.2	9.2	9.3			
+66	58.1	58.1	58.1	58.1	58.1	58.1	58.0			
	8.7	8.8	9.0	8.6	9.0	8.6	8.0			
0	58.6	58.5	58.3	58.7	58.3	58.7	59.3	North line of "B" Street		
	7.9	7.7	8.1	7.2	7.5	7.3	7.0			
+25	59.4	59.6	59.2	60.1	59.8	60.0	60.3			
	6.2	6.1	6.5	5.6	6.1	5.7	5.4			
+50	61.1	61.2	60.8	61.7	61.2	61.6	61.9			
	4.0	4.4	4.7	4.1	4.3	3.9	3.6			
+75	63.3	62.9	62.6	63.2	63.0	63.4	63.7			
	2.5	2.7	3.1	2.6	2.6	2.1	2.0			
1	64.8	64.6	64.2	64.7	64.7	65.2	65.3			
	0.6	0.8	1.5	0.7	0.7	0.4	0.4			
+25	66.7	66.5	65.8	66.6	66.6	66.9	66.9			
T.P.		⊼ (81.3)	(81.3)					+14.06	81.33 − 0.07 T.P.	67.27
	13.0	13.2	13.5	12.9	13.2	12.7	12.7			
+50	68.3	68.1	67.8	68.4	68.1	68.6	68.6			
	11.2	11.3	11.6	11.0	11.5	11.1	10.8			
+75	70.1	70.0	69.7	70.3	69.8	70.2	70.5			
	9.6	9.5	9.9	9.1	9.3	8.9	8.1			
2	71.7	71.8	71.4	72.2	72.0	72.4	73.2			
	8.0	7.9	8.3	7.0	7.5	6.9	5.8			
+25	73.3	73.4	73.0	74.3	73.8	74.4	75.5			
	6.1	5.9	6.2	5.2	5.8	5.1	4.4			
+50	75.2	75.4	75.1	76.1	75.5	76.2	76.9			
	4.4	4.2	4.5	3.6	4.2	3.7	3.0			
+75	76.9	77.1	76.8	77.7	77.1	78.6	78.3			
	2.9	3.0	3.6	2.0	2.9	2.6	1.4			
3	78.4	78.3	77.7	79.3	78.4	78.7	79.9	South line of "A" Street		

Cross-Sections 6th Str

Station	W. Line	W. Curb	W. Gutter	Center	E. Gutter	E. Curb	E. line	+	HI	−	Elev
		↑ (81.33)						Pon 81.33		01	
	2.4	2.3	2.5	1.3	2.2	1.6	1.3				
3+14	78.9	79.0	78.8	80.0	79.1	79.7	80.0				
			2.5		2.2	1.8	1.8				
+14			78.8		79.1	79.5	79.5	Gutter			
			(92.9)								
TP								12.21	92.94	0.60	80.73
	12.5		12.7	11.4	12.3		11.3				
+40	80.4		80.2	81.5	80.6		81.6 ~~80.6~~	Center line of A St			
	12.7					11.5	11.3				
+66	80.2					81.4	81.6	Gutter			
	12.2	11.7	11.5	10.4	11.8	10.5	9.4				
+66	80.7	81.2	81.4	82.5	81.1	82.4	83.5	Curb			
	11.3	10.9	11.2	10.6	10.8	10.6	10.0				
0	81.6	82.0	81.7	82.3	82.1	82.3	82.9	North line of A St			
	9.8	9.7	10.2	8.9	9.1	8.7	8.2				
+25	83.1	83.2	82.7	84.0	83.8	84.2	84.7				
	8.8	8.7	9.2	7.8	8.6	7.5	7.1				
+50	84.1	84.2	83.7	85.1	84.3	85.4	85.8				
	8.0	8.0	8.1	6.8	6.8	6.1	5.6				
+75	84.9	84.9	84.8	86.1	86.1	86.8	87.3				
	6.4	6.6	6.7	5.6	5.4	4.7	4.3				
1	86.5	86.3	86.2	87.3	87.5	88.2	88.6				
	5.3	5.2	5.3	4.2	4.5	3.6	3.1				
+25	87.6	87.7	87.6	88.7	88.4	89.3	89.8				
	4.0	3.9	4.0	2.8	2.9	2.1	1.6				
+50	88.9	89.0	88.9	90.1	90.0	90.8	91.3				
	2.8	2.4	2.6	1.4	1.4	0.7	0.1				
+75	90.1	90.5	90.3	91.5	91.5	92.2	92.8	10.14	102.86	0.22	92.72
			(102.9)								
TP											
	10.3	10.3	10.8	9.6	9.7	8.9	8.2				
2	92.6	92.6	92.1	93.3	93.2	94.0	94.7				
	9.4	9.5	9.9	8.1	8.1	7.3	6.5				
+25	93.5	93.4	93.0	94.8	94.8	95.6	96.4				
	8.4	8.3	8.2	6.6	6.6	6.1	5.0				
+50	94.5	94.6	94.7	96.3	96.3	96.8	97.9				

Cross Sections of 6th St

Station	West	curb	Gutter	Center	Gutter	Curb	East	+	HI	−	Elev
			(102.9)								
	7.3	7.1	7.0	5.5	5.6	4.3	3.8		102.86		
2+75	96.6	95.8	95.9	97.4	97.3	98.6	99.1				
	6.4	5.5	5.9	4.1	3.8	3.0	2.3				
3	96.5	97.0	97.0	98.8	99.1	99.9	100.6				
	5.8	6.0				2.0	2.5				
+14	97.1	97.9				99.9	100.4				
	5.8	6.0	5.4	3.4	3.0	2.4	2.0				
+14	97.1	97.9	97.5	99.5	99.9	100.5	100.9				
	4.7		3.9	2.0	1.8		0.3				
+40	98.2		99.0	100.9	101.1		102.6				
			(114.3)								
BM. #											
	15.2		14.7		12.1		14.0				
+66	99.1		99.6		102.2		103.3				
	14.9	14.4	14.7	12.2	12.1	14.3	14.0				
+66	99.4	99.9	99.6	102.1	102.2	103.0	103.3				
	13.8	13.7	13.9	11.3	11.3	10.6	9.6				
6	100.5	100.6	100.4	103.0	103.0	103.7	104.7				
	12.6	12.8	12.8	10.3	10.2	9.0	7.7				
+25	101.7	101.5	101.5	104.0	104.1	105.3	105.6				
	11.6	11.8	11.7	9.4	8.9	7.9	6.9				
+50	102.7	102.5	102.6	104.9	105.4	106.4	107.4				
	10.8	10.8	11.0	8.2	8.1	6.9	6.0				
+75	103.5	103.5	103.3	106.1	106.2	107.4	108.3				
	9.9	9.8	9.9	7.1	6.8	5.9	5.0				
7	104.4	104.5	104.4	107.2	107.5	108.4	109.3				
	9.0	9.0	9.2	6.0	5.7	5.1	4.2				
+25	105.3	105.3	105.1	108.3	108.6	109.2	110.1				
	8.0	7.9	8.1	5.0	4.6	4.0	3.1				
+50	106.3	106.4	106.2	109.3	109.7	110.3	111.2				
	6.9	6.8	7.1	4.2	4.1	2.8	2.4				
+75	107.4	107.5	107.2	110.1	110.2	111.5	111.9				
	5.6	5.6	6.0	3.1	3.0	2.2	1.6				
2	108.7	108.7	108.3	111.2	111.3	112.1	112.7				
	4.5	4.4	4.9	1.9	2.4	1.3	0.8				
+25	109.8	109.9	108.4	112.4	111.9	113.0	113.5				
#								9.53	123.45	0.40	113.92

8 line of Ash St

Center line of Ash St 100.14

14.14 114.32 2.68 100.18

North line of Ash St

Cross Sections of 6th St

Sta	West	Curb	Gutter	Center	Gutter	Curb	East	+	HI	−	Elev
			(123.5)						123.45		
	12.5	12.4	12.6	2.8	10.3	2.4	8.4				
+50	111.0	111.1	110.9	113.7	113.2	114.1	115.1				
	11.5	11.0	11.3	8.8	9.2	8.0	7.3				
+75	112.0	112.5	112.2	114.7	114.3	115.5	116.2				
	10.2	9.8	10.5	7.8	8.2	7.1	6.2				
3	113.3	113.7	113.0	115.7	115.3	116.4	117.3	South line of Beech St			
	113.6		113.4		116.4		117.0				
+14	9.9		10.1		7.1		6.5	Curb			
	113.6	113.8	113.4	116.3	116.4	116.8	117.6				
+14	9.9	9.7	10.1	7.2	7.1	6.7	5.9	Gutter			
	114.5		114.6	116.9	117.1	116.4	118.8				
+40	9.0		8.9	6.6	6.4		4.7	Center line of Beech St			
	114.7	115.5	115.0		117.6		118.6				
+66	8.8	8.0	8.5		5.9		4.9	Gutter			
	115.0	115.5	115.0	117.6	117.6	118.3	118.9				
+66	8.5	8.0	8.5	5.9	5.9	5.2	4.6	Curb			
	8.0	7.5	7.9	5.5	5.2	4.8	4.0				
0	115.5	116.0	115.6	118.0	118.3	118.7	119.5	North line of Beech St			
	7.5	7.2	7.4	4.8	4.9	4.2	3.4				
+25	116.0	116.3	116.1	118.7	118.6	119.3	120.1				
	6.6	6.4	6.8	4.1	4.2	3.2	2.9				
+50	116.9	117.1	116.7	119.4	119.3	120.3	120.6				
	5.8	5.6	6.0	3.1	3.3	2.2	1.9				
+75	117.7	117.9	117.5	120.4	120.2	121.3	121.6				
	5.2	4.6	5.3	2.4	2.4	1.8	1.1				
1	118.3	118.9	118.2	121.1	121.1	121.7	122.4				
	4.5	3.8	4.5	1.5	1.7	0.9	0.3				
+25	119.0	119.7	119.0	122.0	121.8	122.6	123.2				
#			(129.9)					6.93	129.91	0.47	122.98
	10.1	9.8	10.3	7.2	7.7	6.7	6.0				
+50	120.8	120.1	120.6	122.7	122.2	123.2	123.9				
	9.5	9.0	9.5	6.6	7.0	6.1	5.5				
+75	120.4	120.9	120.4	123.3	122.9	123.8	124.4				
	9.0	8.6	8.9	6.1	6.1	5.5	4.7				
2	120.9	121.3	121.0	123.8	123.8	124.4	125.2				

Cross Sections of 6th St

Station	West	Curb	Grade	Center	Gutter	Curb	East	+	H.I.	—	Elev.
			(129.8)						129.91		
	8.1	7.9	8.3	5.8	5.7	4.7	4.1				
2+25	121.8	122.0	121.6	124.6	124.2	125.2	125.8				
	7.5	7.0	7.4	4.8	5.0	4.2	3.5				
+50	122.4	122.9	122.5	125.1	124.9	125.7	126.4				
	6.6	6.4	6.8	4.3	4.5	3.7	3.2				
+75	123.3	123.5	123.1	125.6	125.4	126.2	126.7				
	6.0	5.7	6.0	3.8	3.8	3.0	2.4				
3	123.9	124.2	123.9	126.1	126.1	126.9	127.5		South line of Cedar St.		
	123.7		124.3		126.5		2.6				
+14	6.2		5.6		3.4		127.3		Gutter		
	124.2	124.6	124.3	126.7	126.5		2.2				
+14	5.7	5.3	5.6	3.2	3.4	2.5	127.7		Curb		
	125.5		125.5	127.3	127.3	127.4	128.7				
+40	4.4		4.4	2.6	2.6		1.2		Center line of Cedar St		
#			(135.7)				~~128.9~~ ~~122.9~~				
	125.4		125.9		128.1		6.8				
+66	10.3		9.8		7.6		128.9		Gutter		
	125.8	126.5	125.9	7.7	7.6	6.7	5.7				
+66	9.9	9.2	9.8	128.0	128.1	129.0	130.0		Curb		
	9.1	8.8	9.2	7.5	7.2	6.4	5.3				
0	126.6	126.9	126.5	128.2	128.5	129.3	130.4		North line of Cedar St		
	7.0	7.5	7.7	6.8	6.4	5.6	4.7				
+25	128.7	128.2	128.0	128.9	129.3	130.1	131.0				
	6.0	6.3	6.9	5.9	5.8	4.8	4.1				
+50	129.7	129.4	128.8	129.8	129.9	130.9	131.6				
	5.3	5.5	5.9	4.8	5.0	4.3	3.6				
+75	130.4	130.2	129.8	130.9	130.7	131.4	132.1				
	3.6	4.2	4.6	3.8	4.3	3.5	2.8				
1	132.1	131.5	131.1	131.9	131.4	132.2	132.9				
	2.4	2.9	3.5	2.8	3.4	2.5	2.2				
+25	133.3	132.8	132.2	132.9	132.3	133.2	133.5				
#			(146.4)						12.43	146.43	1.66	134.0
	12.1	12.8	13.5	12.5	13.2	12.3	11.7				
+50	134.3	133.6	132.9	133.9	133.2	134.1	124.0				

Cross Sections of 6th St

Sta	West	Curb	Gutter	Center	Gutter	Curb	East	+	HI	–	Elev.
			146.4						146.43		
	11.0	11.5	12.2	11.3	12.1	11.2	10.6				
1+75	135.4	134.9	134.2	135.1	134.3	135.2	135.8				
	9.8	10.2	11.0	10.1	10.8	10.1	9.6				
2	136.6	136.2	135.4	136.3	135.6	136.3	136.8				
	8.7	9.1	9.7	8.8	9.7	8.9	8.5				
+25	137.7	137.3	136.7	137.6	136.7	137.5	137.9				
	7.3	7.8	8.7	7.1	8.3	7.4	7.4				
+50	139.1	138.6	137.7	139.3	138.1	139.0	139.0				
	5.6	6.1	6.7	5.5	6.6	5.9	6.0				
+82.5	140.8	140.3	139.7	140.9	139.8	140.5	140.4	South line of City Park.			
									8.26		141.17
									12.71		133.72
BM.	6th & Lafate										

Final x sect of 5th St from N line of Spruce to S of Winn Ave

Oct 11 1892 Hamlin & Smem

Sta	West	Curb	Gutter	10' W of C	10' E of C	Gutter	Curb	East	+	HI	−	Elev
B.M.	Spruce & 5th			(286.1)					2.61	286.07		283.46
	5.6	5.4	6.0	5.5	4.8	5.3	4.7	4.4				
0	280.5	280.7	280.1	280.6	281.3	280.8	281.4	281.7	North line of Spruce St			
	6.3	6.2	6.6	5.5	5.0	5.6	5.1	5.4				
+50	279.8	279.9	279.5	280.6	281.1	280.5	281.0	280.7				
	6.3	6.2	6.6	5.3	5.1	5.7	5.3	5.1				
1	279.8	279.9	279.5	280.8	281.0	280.4	280.8	281.0				
	6.6	6.5	6.5	5.1	4.8	6.3	5.7	[illegible]				
+50	279.5	279.6	279.6	281.0	281.3	279.8	280.4	280.5				
	6.6	6.5	6.5	5.0	4.7	5.7	5.7	5.9				
2	279.5	279.6	279.6	281.1	281.4	280.4	280.4	280.2				
	6.6	6.3	6.3	4.9	4.4	6.1	6.1	5.8				
+50	279.5	279.8	279.8	281.2	281.7	280.0	280.0	280.3				
	6.8	6.4	6.4	4.5	5.0	6.1	6.1	6.0				
3	279.3	279.7	279.7	281.6	281.1	280.0	280.0	280.1				
	6.5	6.1	6.1	4.3	4.8	6.3	5.9	5.9				
+14	279.6	280.0	280.0	281.8	281.3	279.8	280.2	280.2				
	6.0	6.1	6.1	4.1	4.8	5.6	5.3	5.1				
+40	280.1	280.0	280.0	282.0	281.3	280.5	280.8	281.0	Thorn St			
	6.0	5.9	5.9	4.2	4.0	5.4	5.0	5.1				
+66	280.1	280.2	280.2	281.9	282.1	280.7	281.1	281.0				
	5.9	5.8	5.8	4.6	3.8	5.4	5.0	4.7				
0	280.2	280.3	280.3	282.1	282.3	280.7	281.1	281.4				
	4.9	4.7	5.3	3.5	3.5	4.3	4.1	4.1				
+50	281.2	281.4	280.8	281.6	282.6	281.8	282.0	282.0				
	4.0	3.8	4.3	2.8	2.8	4.1	3.2	3.1				
1	282.1	282.3	281.8	283.3	283.3	282.0	282.9	283.0				
	2.7	2.5	3.0	2.2	1.8	2.4	2.6	1.7				
+50	283.4	283.6	283.1	283.9	284.3	283.7	284.1	284.4				
	1.6	1.6	2.0	1.4	0.8	1.6	1.0	0.9				
2	284.5	284.5	284.1	284.7	285.3	284.5	285.1	285.2				
#				(291.9)					7.36	291.93	1.50	284.57
	6.7	6.6	7.0	6.5	5.9	6.4	5.9	5.9				
+50	285.2	285.3	284.9	285.4	286.0	285.5	286.0	286.0				

X secn of 5th St from Spruce to Univ

Sta	West	Curb	Gutter	10' W of C	10' E of C	Gutter	Curb	East	+	HI	–	Elev.
				(291.9)						291.93		
	6.0	5.9	6.3	5.8	5.2	5.6	5.0	4.9				
3	285.9	286.0	285.6	286.1	286.7	286.3	286.9	287.0				
	6.0	6.0	6.3	5.7	5.2	5.2	5.2	4.7				
+14	285.9	285.9	285.6	286.2	286.7	286.7	286.7	287.2				
	6.1	5.8	6.5	5.7	5.0	5.5	4.9	4.7				
+40	285.8	286.1	285.4	286.2	286.9	286.4	287.0	287.2	Aspen Street			
	5.9	5.8	6.3	5.5	5.0	5.4	4.9	4.8				
+66	286.0	286.1	285.6	286.4	286.9	286.5	287.0	287.1				
	6.0	5.6	6.1	5.2	4.7	5.5	4.8	4.4				
0	285.9	286.3	285.8	286.7	287.2	286.4	287.1	287.5				
BM.	5th & Aspen		Sta									
	5.5	5.2	5.7	5.0	4.6	4.9	4.6	4.5		3.96		287.97
+50	286.4	286.7	286.2	286.9	287.3	287.0	287.3	287.4				
	5.0	5.2	5.6	5.4	4.8	5.0	4.6	4.3				
1	286.9	286.7	286.3	286.5	287.1	286.9	287.3	287.6				
	5.6	5.3	5.3	5.1	4.8	5.0	4.3	4.2				
+50	286.3	286.6	286.6	286.8	287.1	286.9	287.6	287.7				
	5.8	5.5		5.1	4.9		4.8	4.2				
+68	286.1	286.4		286.8	287.0		287.1	287.7	South line of Walnut			
	5.8	5.5		5.4	5.0		5.0	4.6				
+82	286.1	286.4		286.5	286.9		286.9	287.3				
	5.7	5.6		5.7	5.7		5.7	5.9				
2+08	286.2	286.3		286.2	286.2		286.2	286.0	Walnut St			
	5.8	5.8		6.1	5.7		5.9	6.1				
+34	286.1	286.1		285.8	286.2		286.0	285.8				
	5.7	6.0		6.4	6.0		6.6	6.8				
0	286.2	285.9		285.5	285.9		285.9	285.1	North line of Walnut			
	6.8	7.4		7.8	6.3		8.3	9.0				
+50	285.1	284.5		284.1	285.6		283.6	282.9				
	8.1	8.2		8.6	7.0		8.7	8.7				
1	283.8	283.7		283.5	284.9		283.2	283.2				
	8.7	8.9		9.2	7.5		9.5	9.4				
+50	283.2	283.0		282.7	284.4		282.4	282.5				
#										2.09	285.07	8.95 282.98

X secs of 5th St from Spruce to Univ

Sta	West	Curb	10' W of C	10' E of C	Curb	East	+	HI	=	Elev
			(285.1)					285.07		
					3.1	2.9				
1+70					282.0	282.2	South line of Dry Lane			
					3.2	3.2				
+80					281.9	281.9				
					3.5	4.0				
+95					281.6	281.1	Center line of Dry Lane			
	3.6	3.1	3.1	0.9	4.0	4.0				
2	281.5	282.0	282.0	284.2	281.1	281.1				
			(Sta 2+0	283.8 / 20)	4.3	5.9				
+60					280.8	279.2				
					5.5	6.2				
+20					279.6	278.9	North line of Dry Lane.			
	2.2	2.7	3.1	1.9	6.9	7.3				
+50	282.9	282.4	282.0	283.2	278.2	277.8				
			(Sta 2+50	282.0 / 20.0)						
	1.1	1.5	3.4	1.9	7.6	8.6				
3	284.0	283.6	281.7	283.2	277.5	276.5				
	(Sta 3+0	282.4 / 26	X	283.0 / 19)						
	281.0	281.7	281.0	282.8	276.9	275.2				
+50	4.1	3.4	4.1	2.3	8.2	9.9				
	(Sta 3+50	280.4 / 28	280.0 / 20	281.6 / 18)						
	5.5	3.9	4.1	3.5	9.5	10.8				
4	279.6	281.2	281.0	281.6	275.6	274.3				
	(Sta 4	278.7 / 31		281.7 / 18						
	4.4	4.0	4.1	3.4	5.7	6.0				
4+50	280.7	281.1	280.0	281.7	279.4	279.1				
	2.2	3.3	4.0	3.9	3.8	4.9				
5	282.9	281.8	281.1	281.2	281.3	280.2				
	(Sta 5	283.4 / 26)								
	1.7	3.5	4.2	4.5	4.0	4.6				
+50	283.4	281.6	280.9	280.6	281.1	280.5				
		(283.0 / 30)								

X sect of 6th St from Spruce to Univ

Sta	West	Curb	10' W of center of ⊙	10' E of ⊙	Curb	East	+	HI	−	Elev
			(285.1)					285.07		
	2.1	3.7	4.3	5.1	3.8	4.9				
6	283.0	281.4	280.8	280.0	281.3	280.2	South line of Brooker St			
							5th & Brooker		4.86	280.21
BM										
(Sta 6)		281.3 / 30			280.3 / 24					
	3.2	4.2	4.4	5.1	4.2	5.3				
6+10	281.9	280.9	280.7	280.0	280.9	279.8				
	3.5	3.5	4.8	5.2	4.7	5.6				
+30	281.6	281.6	280.3	279.9	280.4	279.5	center	"	"	"
	3.7	4.4	4.9	5.4	6.3	6.9				
+50	281.4	280.7	280.2	279.7	278.8	278.2				
	4.2	4.7	4.9	5.3	7.0	7.4				
0	280.9	280.4	280.2	279.8	278.1	277.7	North	"	"	"
	6.0	5.9	5.4	5.1	10.2	10.6				
+50	279.1	278.3	279.7	280.0	274.9	274.5				
0+50		278.3 / 33.0	X	279.4 / 16						
	8.0	8.1	5.9	5.4	12.7	13.7				
+86	277.1	277.0	279.2	279.7	272.4	271.4				
		278.8 / 24			278.0 / 18					
	8.5	8.3	5.9	5.1						
1	276.6	276.8	279.2	280.0						

Instrument moved by mistake

BM. 5th & Brooker			(283.6)						3.37	283.56	280.19
	9.6	11.7								
1+25	274.0	271.9								
		272.6 / 24								

T.P. set for west side of canon 12.80 270.76

T.P. " " East " " " " 11.59 271.97

X sect of 5th St from Spruce to Univ

Station	West	Curb	10' W of C (283.6)	10' E of C	Curb	Curb + HO − Elev
1				3.7 279.9	280.0 / 13	
+50			3.5 280.1	3.7 279.9		
2			3.6 280.0	3.6 280.0		
+50			3.1 280.5	3.1 280.5	6.7 276.9	6.4 277.2
(2+50					(277.2 / 18)	
2+75					6.2 277.4	5.6 278.0 South line of anderson
					280.0 / 22	
+85					5.5 278.1	5.3 278.3
3	15.4 268.2	5.9 277.7	2.9 280.7	2.5 281.1	4.9 278.7	5.1 278.5 Center " "
		278.8 / 16				
+50	5.9 277.7	5.1 278.5	2.6 281.0	2.5 281.1	3.7 279.9	3.0 280.6
3+15					4.6 279.0	4.6 279.0 Side Walk on anderson
3+25					4.6 279.0	4.4 279.2
TP Set on W side of canon			(274.0)			3.26 274.02 270.76
1+50	4.7 269.3	5.2 268.8				
		267.1 / 32				
2	14.7 259.3	5.7 268.3				
+50	9.7 264.3	3.9 270.1				
3	5.9 268.1					

X secs of 5th St from Spruce to Univ.

Sta	West Curb	10' W of C	10' E of C	Curb
# + P sch for East side of St			(272.4)	
				0.9
1				271.5
				3.6
+10				268.8
				4.6
+50				267.8
				4.1
+80				268.3
				3.1
2				269.3
		(STA 2	267.7 / 34)	
#				(283.5)
				9.1
2+15				274.4
2+50				
			(283.5)	
	3.9	4.4	2.1	2.3	3.1
4	279.6	279.1	281.4	281.2	280.4
		280.7 / 22			
	2.8	3.2	2.0	2.0	2.2
+50	280.7	280.3	281.5	281.5	281.3
#			(288.4)		
	8.8	8.4	7.5	7.7	8.0
5	280.6	281.0	281.9	281.7	281.4
	7.5	7.2	7.6	7.1	7.4
+50	281.9	282.2	281.8	282.3	282.0
	5.2	5.2	5.9	5.4	5.7
6	284.2	284.2	283.5	284.0	283.7
	4.9	5.2	5.3	5.9	5.2
+10	284.5	284.2	284.1	283.5	284.2

Rod	+	HI	−	Elev
	0.38	272.35		271.97
7.3				
265.1				
11.3				
261.1				
13.2				
259.2				
10.0				
262.4				
2.8				
269.6				
(272.4)	11.24	283.54	0.05	272.30
1.3				
271.1				
6.3				
277.2	check on Stn 2+50			
2.5				
281.0				
1.8				
281.7				
	8.33	289.37	2.50	281.04
7.8				
281.6				
6.9				
282.5				
5.3				
284.1				
4.9				
284.5				

X sec of 5th St from Spruce to Univ

Sta	West	curb	10' W of ℄ (285.4)	10' E of ℄	curb	East	+	HI	−	Elev
								285.37		
6+30	4.9 284.5	4.8 284.6	5.1 284.3	5.6 283.8	3.8 285.6	3.7 286.7	centerline of Thornton St			
				284.3 19	285.3 20					
11										
+50	5.1 284.3	4.9 284.5	5.4 284.0	5.6 283.8	3.9 285.5	4.1 285.3				
				284.3 19	285.5 20					
0	4.9 284.5	5.0 284.4	5.3 284.1	5.5 283.9	3.9 285.5	3.7 285.7				
				284.3 19.0	285.3 20.0					
11										
+50	4.2 285.2	5.1 284.3	5.6 283.8	5.0 284.4	4.2 285.2	4.5 284.9				
1	4.3 285.1	4.9 284.5	5.0 284.4	4.4 285.0	4.8 284.6	4.6 284.8				
+50	4.2 285.2	4.7 284.7	5.0 284.4	4.0 285.4	4.6 284.8	4.0 285.4				
2	3.1 286.3	3.6 285.8	3.5 285.9	3.7 285.7	3.7 285.7	3.5 285.9				
+50	2.7 286.7	3.0 286.4	3.4 286.0	3.4 286.0	3.3 286.1	2.7 286.7				
+75					3.0 286.4	2.7 286.7				
+85					2.8 286.6	2.1 287.3				
3	2.7 286.7	2.5 286.9	2.2 287.2	3.3 286.1	2.8 286.6	1.9 287.5	centerline of Evans Place			
3+15					2.6 286.8	1.7 287.7				
+25					2.6 286.8	1.7 287.7				
+50	2.3 287.1	2.4 287.0	2.4 287.0	2.2 287.2	2.0 287.4	1.8 287.6				
4	1.8 287.6	1.8 287.6	1.7 287.7	1.0 288.4	1.3 288.1	1.5 287.9				
#							8.23	284.36	3.24	286.13

X sect of 5th St from ~~Stuce~~ to Univ

Sta	West	Curb	10' W of C	10' E of C	Curb	East	+	H.I.	−	Elev
			(294.4)					294.36		
4+50	5.4 289.0	5.7 288.7	5.4 289.0	5.9 288.5	5.9 288.5	5.7 288.7				
5	5.7 288.7	4.9 289.5	5.1 289.3	5.6 288.8	5.4 289.0	5.6 288.8				
+50	5.4 289.0	4.6 279.8	5.6 288.8	5.1 289.3	5.3 289.1	5.2 289.2				
6	5.7 288.7	5.4 289.0	5.3 289.1	5.0 289.4	4.7 289.7	4.9 289.5	South line of Robinson St			
+10	5.4 289.0	5.4 289.0	5.3 289.1	4.8 289.6	4.4 290.0	4.5 289.9				
+30	5.1 289.3	5.3 289.1	5.5 288.9	4.5 289.9	4.2 290.2	4.5 289.9	Center "	"	"	
+50	5.5 288.9	5.2 289.2	5.6 288.8	4.4 290.0	4.7 289.7	4.8 289.6				
0	5.2 289.2	5.2 289.2	5.5 288.9	4.4 290.0	4.6 289.8	4.8 289.6	North "	"	"	
+50	5.0 289.4	5.0 289.4	5.6 288.8	5.1 289.3	4.7 289.7	4.3 290.1				
1	5.0 289.4	5.4 289.0	5.7 288.7	5.3 289.1	5.5 288.9	5.6 288.8				
+50	5.4 289.0	5.6 288.8	5.8 288.6	5.3 289.1	5.4 289.0	5.4 289.0				
2	5.4 289.0	5.5 288.9	5.4 289.0	5.3 289.1	5.6 288.8	5.4 289.0				
+50	5.6 288.8	5.7 288.7	5.3 289.1	5.4 289.0	4.7 289.7	4.2 290.2				
3	5.2 289.2	5.2 289.2	5.3 289.1	4.3 290.1	4.5 289.9	3.7 290.7				
#			(295.9)				6.50	295.80	4.95	289.40
+50	4.8 291.1	5.3 290.6	4.8 291.1	5.0 290.9	4.5 291.4	4.9 291.0				
"	290.8 / 20	293.7 / 15								
4	5.0 290.9	5.6 290.3	5.3 290.6	1.5 294.4	2.8 293.1	4.9 291.0				
	290.3 / 20	293.0 / 15		290.0 / 30						

End of Hump at this Sta Hor not figure +2 for Sta 4+16

x sect of 5th St from Spruce to Univ.

Sta	West	Curb	10' W cent	10' E of c	Curb	East	+ H I	—	Elev
			(295.9)						
	290.0	290.1	290.2	291.3	292.2	292.6		295.90	
4 + 10	5.9	5.8	5.7	4.6	3.7	3.3	South line of Univ Ave		

B.M. 5th & Univ Ave 5.92 289.88

Slope on 5th Street bet. Walnut and Thornton

0 NORTH LINE OF WALNUT.

2

+50

3

+50

4

+50

6 SOUTH LINE OF BROOKES

0 NORTH " " "

+50

+86

1

+10

+25

+50

+80

2

+15

FILL ON WEST			FILL ON EAST.		
				-1.2	
			-1.2	1.8	
			-4.1	-3.9 / 5.5	
			-5.6	-4.7 / 7.0	
			-5.9	-5.5 / 8.5	
			-6.4	-6.3 / 9.4	
			-1.2	-1.3 / 2.0	
			-1.3	-1.3 / 2.0	
	-1.0 / 3.0	-1.1	-4.8	-5.3 / 8.0	
	-3.0 / 4.5	-3.2	-8.0	-14.5 / 21.0	
	-3.5 / 5.2	-3.7	-14.4	-20.4 / 30.6	
			-18.4	-25.0 / 37.5	-3.3 / 27.0 -34.1 / 51.0
	-5.5 / 8.2	-6.4	(Std 1+30 on East	-20.2	
	-7.7 / 11.5	-11.2	-20.6	-26.6 / 15.0	-24.4 / 36.6
			-17.6	-13.8 / 15.0	-13.0 / 19.5
-17.8 / 26.7	-25.6 / 9.0	-21.4	-10.4	-7.1 / 10.2	
			-5.7	4.8 / 7.2	

SLOPES ON 5th STREET WALNUT TO THORNTON

+50

3

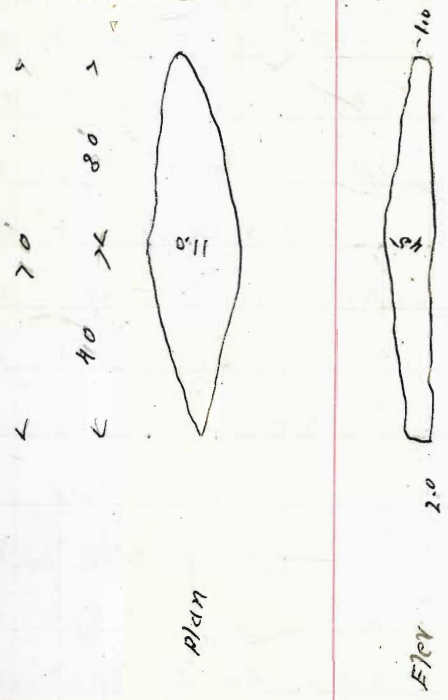
+50

4

6. SOUTH LINE OF THORNTON

WEST		EAST		
-19.9	25.7			-3.0
28.8	20.0	-16.5	-3.1	4.7
17.9	-22.7			-2.0
26.8	16.0	-12.5	-2.0	3.0
	-3.8			
	5.1	-3.5		
	-1.8			
	2.7	-1.7		

pump at Head of Fifth Street on West side bet Sta 3+30 & 4+16



X secs of 6th from the East of 6th to the East of 11th.

Oct 19 1892 Hamlin & 3 men

Stations	North line	Curb N.	Center	Curb S.	South line.	
⊼		(⊼ 63.43)				Rod+6.01 ⊼ 63.43 B.M. 6th & "C" E 57.42
	6.6	6.9	7.7	7.4	7.2	
0	56.8	56.5	55.7	56.0	56.2	East line of 6th Str.
	5.7	6.1	6.4	6.5	6.0	
+50	57.7	57.3	57.0	56.9	57.4	
	4.9	5.2	6.1	6.0	5.9	
1	58.5	58.2	57.3	57.4	57.5	
	4.7	4.9	5.2	5.0	5.0	
+50	58.7	58.5	58.2	58.4	58.4	
	4.6	4.6	4.9	4.9	4.7	
2	58.8	58.8	58.5	58.5	58.7	West line of 7th. Str.
	4.5	4.7	4.5	4.8	4.8	
+14	58.9	58.7	58.9	58.6	58.6	
	4.8	4.7	4.5	5.1	5.1	
+14	58.6	58.7	58.9	58.3	58.3	Gutter.
	3.1	3.2	3.5	3.7	3.7	
+40	60.3	60.2	59.9	59.7	59.7	Middle of 7th Str.
	4.3	4.3	4.1	4.8	4.9	
+66	59.1	59.1	59.3	58.6	58.5	
	3.8	3.8	4.1	4.4	4.4	
+66	59.6	59.6	59.3	59.0	59.0	
	3.5	4.1	4.7	4.6	4.3	
9	59.9	59.3	58.7	58.8	59.1	East line of 7th Str.
	3.3	4.0	4.6	4.4	4.1	
+50	60.1	59.4	58.8	59.0	59.3	
	3.7	4.0	4.5	3.6	3.0	
1	59.7	59.4	58.9	59.8	60.4	
⊼		(68.90)				+ 9.07 ⊼ 68.89 T.P. 3.61 E 59.82
	8.5	9.4	9.2	8.1	7.7	
+50	60.4	59.5	59.7	60.8	61.2	
	8.0	8.7	7.8	7.0	6.6	
2	60.9	60.2	61.1	61.9	62.8	West line of 8th Str.
	6.7	8.3	7.1	6.6	6.2	
+14	60.2	60.6	61.8	62.3	62.7	
	6.8	6.3	5.7	5.2	5.1	
+40	62.1	62.6	63.2	63.7	63.8	Middle of 8th Str.

X secs. of 6th St from 6th to 11th

Station	North line	Curb north	Center	Curb south	South line	Remarks
TT.	Rod 5.9	(68.9) 6.2	5.4	5.1	5.1	
+66	ground 63.0	62.7	63.5	63.8	63.8	
	5.4	5.4	5.4	5.1	5.2	
0	63.5	63.5	63.5	63.8	63.7	East line of 8th Str.
	4.5	4.2	5.1	4.4	4.9	
+50	64.4	64.7	63.8	64.5	64.0	
	3.6	3.7	4.5	4.2	4.4	
1	65.3	65.2	64.4	64.7	64.5	
	2.8	2.9	3.8	3.9	3.9	
+50	66.1	66.0	65.1	65.0	65.0	
	2.9	3.0	2.9	3.5	4.1	
2	66.0	65.9	66.0	65.4	64.8	West line of 9th Str.
	3.3	3.3	3.7	4.2	4.3	
+14	65.6	65.6	65.2	64.7	64.4	
	3.3	3.3	3.7	4.2	4.5	
+14	66.6	65.6	65.2	64.7	64.4	
	2.2	2.4	2.7	3.0	3.2	
+40	66.6	66.5	66.2	65.9	65.7	Middle of 9th Str.
	3.1	3.2	3.5	3.8	3.8	
+66	65.8	65.7	65.4	65.1	65.1	
	2.7	3.2	3.5	3.8	3.8	
+66	66.2	65.7	65.4	65.1	65.1	
	2.0	2.2	2.7	3.0	3.4	
0	66.9	66.7	66.2	65.9	65.5	East line of 9th Str.
TT		(75.72)				+8.13 (75.72) T.P. (68.59) -1.30 = 67.59
	7.8	8.0	8.8	8.8	9.1	
50	67.9	67.7	66.9	66.9	66.6	
	6.7	7.1	7.9	7.9	8.0	
1	69.0	68.6	67.8	67.8	67.7	
	5.7	5.9	6.6	6.4	6.5	
+50	70.0	69.8	69.1	69.3	69.2	
	4.4	4.3	4.6	4.7	4.6	
2	71.3	71.4	71.1	71.0	70.1	West line of 10th Str.
	4.2	4.3	3.8			
+14	71.5	71.4	71.9	cement walk		
	4.5	4.3	3.8	4.9	4.9	
+14	71.2	71.4	71.9	70.8	70.8	

X sect. of 6th from 6th to 11th

Station						Remarks.
↑			(75.72)			
	rod 2.3	2.4	2.6	2.9	3.4	75.72
+40	ground 73.4	73.3	73.1	72.8	72.3	Middle of 10th Str
	2.8	2.8	2.9	3.5	3.6	
+66	72.9	72.9	72.8	72.2	72.1	
	2.3	2.6	2.9	3.4	3.2	
+66	73.4	72.9	72.8	72.3	73.5	
	1.7	1.9	2.0	2.9	2.9	
0	74.0	73.8	73.7	72.8	72.8	Bottom of bank } East of 10th Str.
	74.3	1.7	2.0	2.2	2.3	Top of bank }
0	1.4	74.0	73.7	73.5	73.4	
B.M.						B.M. 75.72 −1.16 74.56
↑			(83.21)			
	7.5	7.7	8.4	8.4	8.9	74.25 +8.96 83.21 B.M. 2 −1.47 74.25
+50	76.2	75.5	74.8	74.8	74.3	
	6.7	6.9	7.7	7.7	8.1	
+	76.5	76.3	75.5	75.5	75.1	
	5.1	5.7	6.5	6.3	6.4	
+50	78.2	77.5	76.7	76.9	76.8	
	3.8	4.1	4.9	5.8	6.1	
2	79.4	79.1	78.3	77.4	77.1	West line of 11th Str.
	3.8	4.2	4.8	5.6	6.0	
+14	79.4	79.0	78.4	77.6	77.2	
	1.9	2.7	4.1	5.0	5.3	
+40	81.3	80.5	79.1	78.2	77.9	Middle line of 11th Str.
	2.6	3.4	4.1	5.3	5.5	
+66	80.6	79.8	79.1	77.9	77.7	
	2.6	3.3	3.8	5.2	5.1	
0	81.2	79.9	79.4	78.0	78.1	East line of 11th Str.
B.M. C & 11th STREET						C and 11th Str. B.M. 83.21 −2.94, 80.27

X sect of C St from 6th to 11th

Sta	North curb	center	curb	South

CROSS SECTIONS OF IVY LANE & 5th ST

West	Curb	10' W of Center	10' E of Center	Curb	East	STA	+	HI	−	ELEV
		(287.0)				B.M.	+6.80	286.99	B.M.	280.19
4.5 282.5	3.0 282.0	4.5 282.5	3.1 283.9 283.5 20.0	4.9 282.1	4.9 282.1	1+70	South line of Ivy Lane.			
4.7 282.3	5.0 282.0	4.5 282.5	3.3 283.7 283.4 20.0	5.0 282.0	5.1 281.9	1+80				
5.4 281.6	5.3 281.7	4.5 282.5	3.5 283.5 283.5 20	5.6 281.4	6.0 281.0	1+95				
5.5 281.5	5.0 282.0	4.7 282.3	3.4 283.6 283.3 20.0	6.5 280.5	7.6 279.4	2+10				
5.4 281.6	5.0 282.0	4.9 282.1	3.4 283.6 283.2 20.0	7.5 279.5	8.1 278.9	2+20	North line of Ivy Lane.			

Cross Sections of 5th Street and Anderson Place.

WEST	CURB	10' W Center	10' E Center	Curb	EAST
		(283.4)			
16.6	10.6	2.8	2.8	5.8	5.3
276.8	272.8	280.6	280.6	277.6	278.1
15.2	8.8	2.8	2.8	5.3	5.1
278.2	274.6	280.6	280.6	278.1	278.3
15.7	5.9	2.6	2.7	4.8	4.8
267.7	277.5	280.8	280.7	278.6	278.6
11.2	5.7	2.9	2.3	4.5	4.4
272.2	277.7	280.5	281.1	278.9	279.0
8.7	5.7	2.4	2.4	4.2	4.2
274.7	277.7	281.0	281.0	279.2	279.2

Checked on old Stakes
Nov. 22. '92.

Hamlin party.

+	HI	—	Elev.
+ 3.17	283.36		280.19
2+75	South line of Anderson.		
+ 85			
3.	Center line of Anderson Place.		
+ 15			
+ 25	North line of Anderson.		

Cross Sections of Evan's Place and Fifth Street.

WEST	curb	10' W of center	10' E of center	curb	EAST
		(292.6)			
6.1 286.5	6.0 286.6	6.4 286.2	6.2 286.4	6.0 286.6	5.7 286.9
6.0 286.6	5.7 286.9	6.0 286.6	6.2 286.4	6.1 286.5	5.6 287.0
5.7 286.9	5.7 286.9	5.4 287.2	6.3 286.3	6.0 286.6	5.0 287.6
5.7 286.9	5.2 287.4	5.3 287.3	5.9 286.7	5.7 286.9	4.9 287.7
5.5 287.1	4.9 287.7	5.2 287.4	5.9 286.7	5.8 286.8	4.9 287.7

STA	+	HI	=	Elev
	+ 3.60	292.55		288.95
2+75	South line of Evan's Place.			
+85				
3	Center line of Evans Place.			
+15				
+25	North line of Evans Place			

LEVELS ALONG THE CENTER LINE OF "D" STREET FROM 12th TO 15th

STA.	+	HI	−	ELEV.	GRADE	
BM	0.25	73.60		73.35		
2+40			2.1	71.5		Center line of 12th Street
0			2.8	70.8	70.7	+0.1
1			8.2	65.4	65.5	−0.1
#	1.67	63.78	11.49	62.11		
2			3.9	59.9	59	+0.9
+40			4.5	59.3		Center line of 13th Street.
0			5.0	58.8	58.0	+0.8
1			6.0	57.8	58.0	−0.2
2			6.3	57.5	57.0	+0.5
BM #	5.72	63.25	6.25	57.53		
+40			5.5	57.7		Center line of 14th Street
0			5.6	57.6	57.0	+0.6
1			5.2	58.0	58.0	0.0
2			4.7	58.5	58.5	0.0
3			5.0	58.2	58.0	+0.2
4			5.2	58.0	57.5	+0.5
+40			5.3	57.9		Center line of 15th Street
0			5.7	57.5	57.0	+0.5
BM			4.86	58.39		15th & D Streets.

Levels over "R" Street road from 30th to 39th St

Jan 13 1893

Hamlin level
Williams
Shaw
Cummings

Sta	+	⇑	–	Elev.
B.M.		87.11		87.01
0			0.7	87.4
1			6.1	81.0
#	0.50	75.78 ~~75.78~~	11.83	75.28
2			1.9	73.9
+90			7.3	68.5
3			9.3	66.5
#	0.15	64.06 ~~.06~~	11.87	63.91 ~~63.91~~
+75			7.0	57.1
4			7.2	56.9
+50			8.7	55.4
5			7.0	57.1
+50			6.9	57.2
#	1.12	53.44	11.74	52.32
6			1.9	51.5

30th & "R" Sts plg at N.E. cor.
East line of 30th St

Levels over "R" Street Road from 30th to 39st St.

		53.44			
+ 25			6.3	47.1	Ditch west side of R.R.
+ 30			5.1	48.3	Center line of R.R.
+ 35			6.0	47.4	East edge of R.R. embankment.
+ 43			10.9	42.5	foot of slope.
#	3.48	44.82	12.10	41.34	
7			10.4	34.4	
+ 10			10.7	34.1	Bottom of Ravine
+ 50			5.0	39.8	
8			5.1	39.7	
+ 25			3.4	41.4	
#	11.35	56.15	0.02	44.80	
#	11.24	66.88	0.51	55.64	
+ 80			9.2	57.7	
9			8.1	58.8	
10			2.9	63.9	
#	5.34	71.77	0.45	66.43	
11			2.8	69.0	
12			11.3	60.5	

Levels over "R" Street Road from 30th to 39st St

Sta	+	⇑	−	Elev	
		71.77			
+30			14.3	57.5	
13			10.7	61.1	
+50			6.9	64.9	
BM			11.67	60.10	32~~th~~ & "R" St N.W. cor on Plg.
14 #	0.0	59.67	12.10	59.67	
#	1.43	49.83	11.27	48.40	
15			5.2	44.6	
+45			1.0	48.8	
16			5.6	44.2	
#	0.04	37.77	12.10	37.73	
17			2.5	35.3	
18			10.4	27.4	
+10			10.6	27.2	Top of Steep Bank
~~#~~	0.0	~~26.71~~ 25.71	12.06	25.71	
BM			2.80	22.91	Top of hand-rail bridge N.W. End
+25			5.9	19.8	West end of Bridge (center 26' South)
+45			17.9	7.8	Foot of bank and bed of Challas creek
19			17.4	8.3	East side of creek bed

Levels over "R" Street Road from 30th to 39th Sta

Sta	+	H	−	Elev	
		25.71			
19+45			5.9	19.8	on bridge floor; break in grade
+65			7.0	18.71	End of bridge 26' N. to Line
#	0.60	18.61	7.50	18.21	
+90			9.1	9.5	foot of bank
20			8.9	9.7	
+05			5.2	13.4	top of bank
21			5.3	13.3	
+37					West line of Whitmore's fence
22			5.6	13.0	
23 #	8.45	21.13	5.93	12.68	
24			9.7	11.4	
25			7.5	13.6	
26			6.7	14.4	
27 #	11.66	32.79	0.00	21.13	
#	12.28	44.92	0.65	32.14	
28			9.1	35.3	
#	11.11	55.20	0.33	44.09	
29			7.7	47.5	

Levels over "R" Street Road from 30th to 39th St.

Sta	+	⊼	−	Elev	
		55.20			
#	11.44	66.54	0.10	55.70	
30			6.0	60.5	
#	10.85	77.38	0.01	66.53	
31			9.2	68.2	
32			3.7	73.7	
33	4.43	81.76	0.05	77.33	
B.M.			4.10	77.66	35th & "R" St on ply N.E. Cor.
34			3.7	78.1	
+50			8.5	73.3	
#	0.30	70.22	11.84	69.92	
35			5.4	64.8	
+80			18.0	52.2	Bottom of Ravine
36			16.3	53.9	
+60			8.8	71.4	
37			8.0	62.2	
38 #	8.43	74.30	4.35	65.87	
+85			1.8	72.5	
39			1.4	72.9	

Levels over "R" St. Road from 30th to 39th Sts

Sta	+	⊼	−	Elev
40		74.30	4.8	69.5
#	0.13	62.82	11.71	62.69
41			8.5	54.3
#	0.33	51.74	11.41	51.41
42			7.3	44.4
+55			9.2	42.5
+60			13.3	38.4
43			7.5	44.2
44 #	10.86	61.79	0.81	50.93
+50			3.5	58.3
45			3.2	56.6
46			1.6	60.2
#	11.60	73.12	0.27	61.52
47			8.2	64.9
48			8.4	64.7
#	11.43	83.95	0.60	72.52
49				78.5
50 #	8.43	92.28	0.10	83.85
51			9.7	82.6

Bottom of Ravine

Levels over "R" Street Road from ~~30th~~ to 39th

Sta	+	⊼	−	Elev
+60		92.28	11.3	81.0
52			8.1	84.2
+65			12.5	79.8
53			11.1	81.2
54			1.9	90.4
#	11.67	103.72	0.23	92.05
55 #	12.40	115.45	0.67	103.05
56			6.3	109.3
57			5.1	110.4
58			4.7	110.7
59			3.4	112.1
			2.8	112.7
B.M.			+0.15	115.60

End of line about 20' E of 39th
Sta 78+20 on pipe line
Top of post N.W. cor.
39th & "R" Sts

"D" STREET EXTENSION TRANSIT NOTES

Left office at 7.45 AM. With Shaw Cumings. Met Williams at 30th & D Sts

Thence proceded to 32nd & "D" Streets. Set point on west line in middle line of D Street & 32nd Did the same at "D" & 33rd Set up over point at 33rd & D B.S. to 32nd & "D" Sts

Found line to bear N 75° E mag. Thence ran East on this course. Sta 0 is the West line of 33rd Street

7+18 △ line point

7+20 40.1 to S.W. cor 34th & D.

From Sta 0 to 7 the stakes run to 1' too far North

10+84 ↳ S 40.3 to plg.

11+00 △ top of bank the west side of Chollas Valley

11+75 bottom " " " " " " "

14+30 bank of creek West side

15+75 " " " East side

16+0 Top of spur

Hamlin
Shaw
Williams
Cumings

33

FEB 24 1893

16+25 Foot of slope, Flat begins

18+75 Blk cor 2' South of line

19+77 West bank of Chollas creek

20+35 East " " " "

20+64 Blk cor 3x3" & plg 3' South of line

23+40 Foot of hill East side of Chollas creek

25+50 △ top of spur

26+65 Bottom of small ravine

29 Top of ridge

29+25 △ line plg

30 △ line West side of ravine

31+75 Bottom of ravine

34+45 Extension line

Hamlin
Shaw
Williams
Cummings

Survey of part of Ex Mission line south of D.St Feb 24 1893

Begun at a stake set in mound of rocks appears to be old

Thence ran S 30° 55' W Mag.

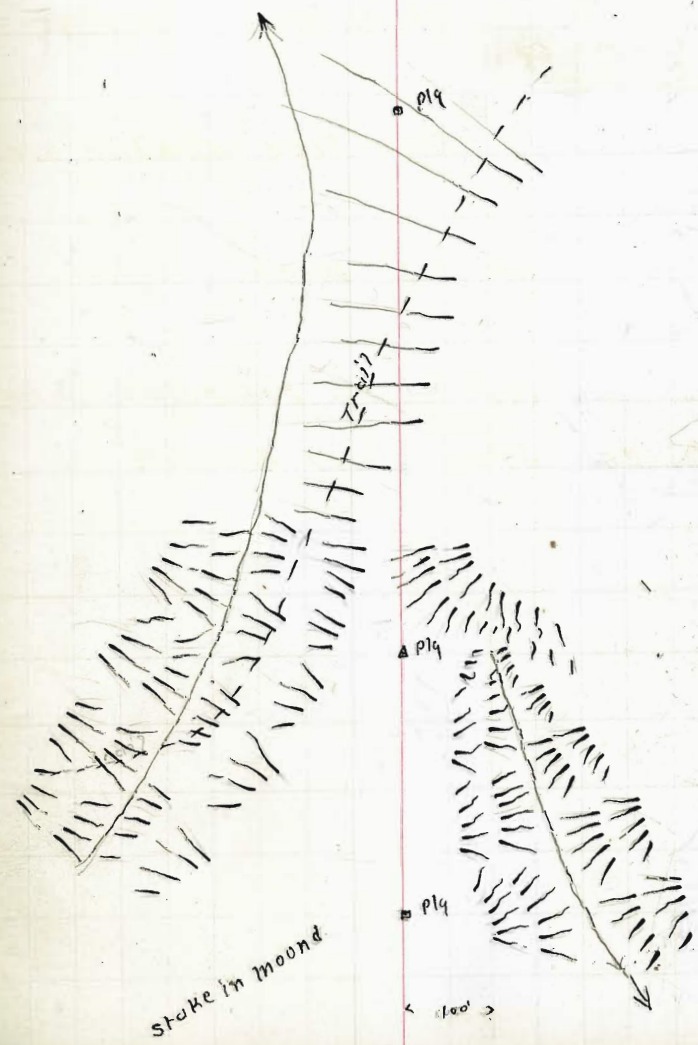
201 ft. to old stake marked 23 1' West of line

502.5 set plq along side of white stake

1380' set plq.

1578' to 4x4" stake 4.3' West

At 1380 turned 107° Right projected line West to cor ~~Spot~~ stake 1117 North



West

Began at plug set on Boundary 1888' S of cor; turned 107° to right and ran west S76° W mag.

Return to City Engineers Office
City Hall, San Diego, Cal.

ge
ac

78.82

56
12.4
18.0

14