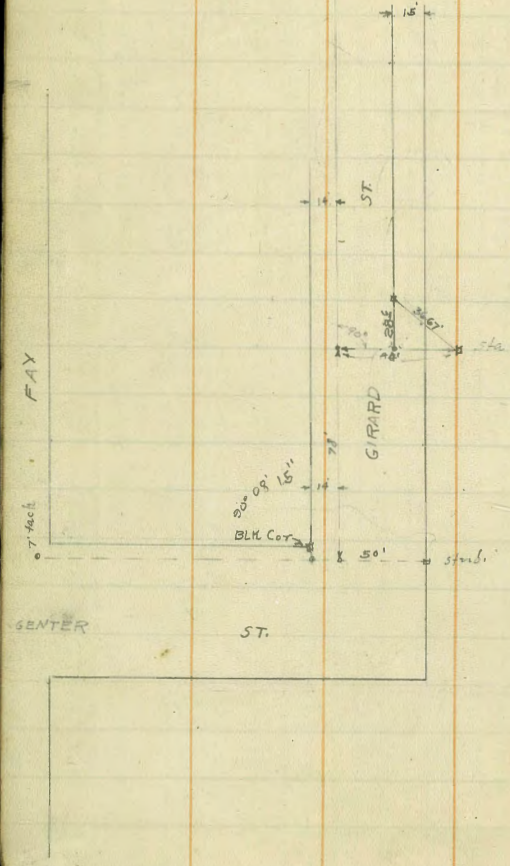
1099

FIELD BOOK

3857



Sta 00

P.C. 0+14.15

P.T. 0+69.17

P.C.T. 2+01.38

P.C. 2+36.50

Δ = 27° 43' Lt.
R = 100'
T = 24.67'
L = 48.37'

P.T. 3+14.87

6+82.60 P.C.

7+31.00 P.C.

Δ = 27° 44' P.T.
T = 24.69'
L = 48.40'
R = 100'

31.0
7+81.00 P.T. Note: This tangent is 5' W of E.L. of Alley.

10+57.05 = S.L. Pearl St.

16+10.85 P.C.

Δ = 75° 47'
R = 100'
T = 77.83
L = 132.26'
Ex = 26.7

46.98
17+96.98 = C.C.

13.11
18+62.14 P.T.

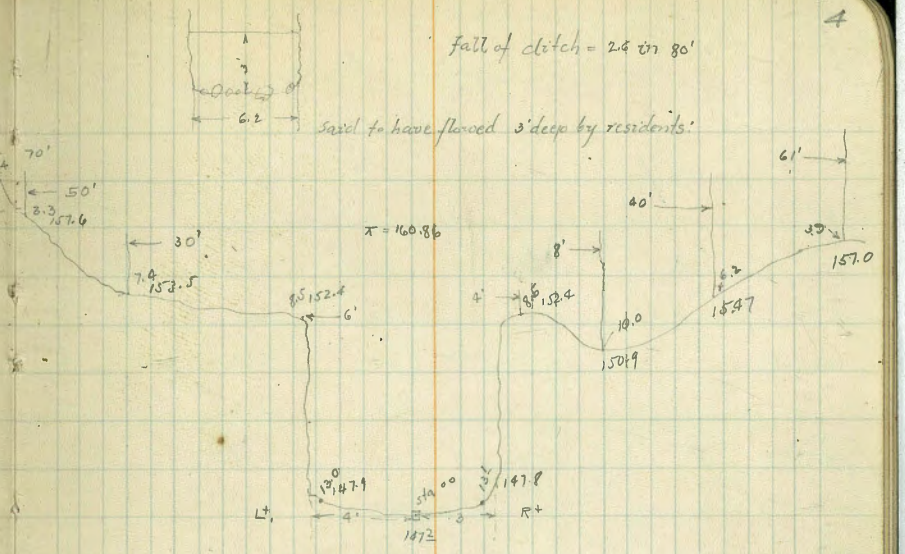
21+82.57
~~23+32.57~~ P.C.

Δ = 14° 16' Lt
100'
L 25.98
T 12.51

08.49
22+~~58.98~~ E.C.

39.19
27+~~89.19~~ POT. = W.T. DRAPER 90° off this line; 36.36' from hub at S.W. Cor as shown on tie point sheets.

	+	x	−		
	10.02	155.24		145.22	NW FAY & CENTER
	12.07	164.15	3.16	152.08	
	1.77	160.86	5.06	159.09	SEK fence Cor Girard & Center NW.
00			12.7	147.2	
C.C			14.9	146.0	
0+60			15.2	145.7	
0+62			10.4	150.5	
0+69 ☐ EC.			10.1	150.8	
1+00			9.3	151.6	
1+13			9.3	151.6	
1+20			9.7	151.2	
1+30			12.8	148.1	
1+50			14.2	146.7	
#	0.29	149.22	11.92	148.03	
2+00			5.2	144.0	
+17			5.3	143.9	
+50			4.6	144.6	
+65			4.2	145.0	
2+96.50 PC			6.0	143.2	
C.C			9.8	139.5	
3+44.87 P.T. #	0.42	138.66	10.98	stub 138.24	
+60			1.0	137.7	
+66			3.1	134.6	
+90			4.5	134.2	
+92			6.8 (5.87)	131.9	
4	E. Horn Channel.		6.5	132.2	



	+	+	-		
		138.66			
4+04			6.6	132.1	
+08			4.4	134.3	
+45			6.6	132.1	
+46	bottom Channel		8.8	129.9	
+50	"	"	9.0	129.7	
+63			7.7	131.0	
5			9.0	129.7	
5+27			10.5	128.2	
+50			10.6	128.1	
+97			11.6	127.1	
6			11.1	127.6	
+05			10.8	127.9	
+50			13.0	125.7	
#	1.14	127.26	12.85	126.11	on 6+50 stake
6+57			3.3	124.0	
6+75			4.4	122.9	
6+82.50 RC.			2.7	124.6	
C.C			3.3	124.6	
7+31.00 E.C			5.2	122.1	
+50			5.4	121.9	
8			7.1	120.2	
+50			8.2	119.1	
9			9.7	117.6	
+50			11.2	116.1	
10			13.0	114.3	Top stk 10.00
#	1.00	115.81	12.45	114.81	

	+	↑ 116.81	−		
10+43			3.5	112.3	
+50			4.2	111.6	
S gutter Pearl			5.4	110.4	
"			5.1	110.7	
11			5.5	110.3	
N gutter Pearl			7.0	108.7	
+37			6.5	109.3	
+50			7.0	108.8	
+60			7.9	107.9	
+75			10.7	105.1	
12			12.4	103.4	
#	0.06	103.92	11.95	103.86	On Sta 12
+50			2.5	101.4	
13			3.9	100.0	
+50			5.2	98.7	
14			6.6	97.3	
+50			8.5	95.4	
15 1' Lt			9.0	94.9	
15 2 Rt			5.1	98.8	
+60			10.6	93.3	
16			13.1	90.8	
#	2.47	93.84	12.55	91.37	Top 16
+30			3.3	90.5	
+50			3.8	90.0	
16+80 85° RC			4.3	89.5	
17			5.0	88.8	

	+	x 93.84	−	
17+20			6.2	87.6
17+46.99 C.C		bottom Channel	6.5	87.3
B.M. P.I Hub			4.04	89.80 B.M.
18			6.9	86.9
18+13 E.C.			7.0	86.8
+50			7.2	86.6
19 on cement sidewalk.			6.9	86.9
+10 " " Curb			7.1	86.7
+10 " gutter			7.8	86.0
Flow line Cul intake:			10.37	83.47
+50			8.1	85.7
+63 gut			8.3	85.5
+65 curb			7.5	86.3
+78 Prop:			7.8	86.0
+85			10.0	83.8
Outfall flow line Culvert			13.15	80.69
20			9.0	84.8
+12			9.2	84.6
#	3.91	86.68	11.07	82.77 On head wall Cul.
+28			5.7	81.0
+50 Bottom			6.2	80.5
21			7.4	79.3
+15			5.7	81.0
+32			4.4	82.3
+50			4.6	82.1
BC 21+82.57			5.4	81.3

	+	86.68	−		
BM P.I. Hub			6.19	80 A9	B.M.
C.C			6.9	79.8	
22			6.7	80.0	
+02 bottom old flume			9.7	77.0	
22+08.9 EC " " "			10.0	76.7	
+20 " " "			10.1	76.6	
+22			7.4	79.3	
+50			7.1	79.6	
23			9.5	77.2	
bottom flow line Culvert intake;			12.80	73.88	
+30 ± street			10.3	76.4	
+50			11.5	75.2	
+52 gutter			11.8	74.9	
+52 cement curb			10.8	75.9	
+65 = Appe prop;			10.7	76.0	
#	B.14	77.47	11.35	75.33	on headwall
Outfall Culvert			5.5	72.0	
+75 bottom Channel			5.9	71.6	
24			7.3	70.2	
+10 bottom channel			8.0	69.5	
+18 " "			8.1	69.4	
+39			4.2	73.3	
+50			4.3	73.2	
+94			4.7	72.8	
25			6.0	71.5	
+25			5.5	72.0	

	+		−	
		77.47		
+50			9.0	69.5
+54	Bottom Channel		9.5'	68.0
+65'	"	"	9.8	67.7
+80			7.8	69.7
+90			8.3	69.2
26			8.5'	69.0
+15'			9.9	68.6
+25'	bottom Channel		11.5'	66.0
+30	"	"	11.7	65.8
+50	"	"	11.7	65.8
	Flora Vine intake Culvert		13.70	63.8
+70	Appe Prop line:		5.8	71.7
+80	= Curb		6.0	71.5
+81	= gut		6.6	70.9
27			6.1	71.4
27+32	= gutter		6.9	70.6
+34	= Curb		6.0	71.5
#	0.92	78.31	6.08	71.39 = brb 27+39.19
+45	= Appe prop line		0.8	71.5
+61			9.5	62.8
+83			10.7	61.6
+89			12.4	59.9
28+15'	Bottom Channel;		14.9	57.4
	Flora Vine outfall culvert:		14.00	58.3

Spk N.E. Cor Fay & Ravina:

87.04
+ 3.70
90.74 T
− 4.48
86.26
+ 1.03
87.29 T
− 9.83
77.46
+ 2.53
79.99 T
− 8.54
71.45 = 71.39

Assumed Ele bottom Culvert outfall = 40.00 at La Jolla Blvd.

+17.86
57.86 T
− 0.00
57.86
+ 8.99
66.74 T

24'

S 66.74 − 4.90 = 61.84

24'

66.74 − 5.40 = 61.34

66.74 − 4.90 = 61.84 N

Survey for 36" Storm Drain Pipe from 30" Culvert on Pearl St to proposed Open Conduit at Ravina & Girard

6+32.72 P.T.

Δ = 20°10' Lt R = 104. T = 18.99, L = 36.67

5+96.05 P.C.

5

4

3

2

+55.05 P.T. Δ

Δ = 14°59' Lt, R = 100' T = 13.15 L = 26.15

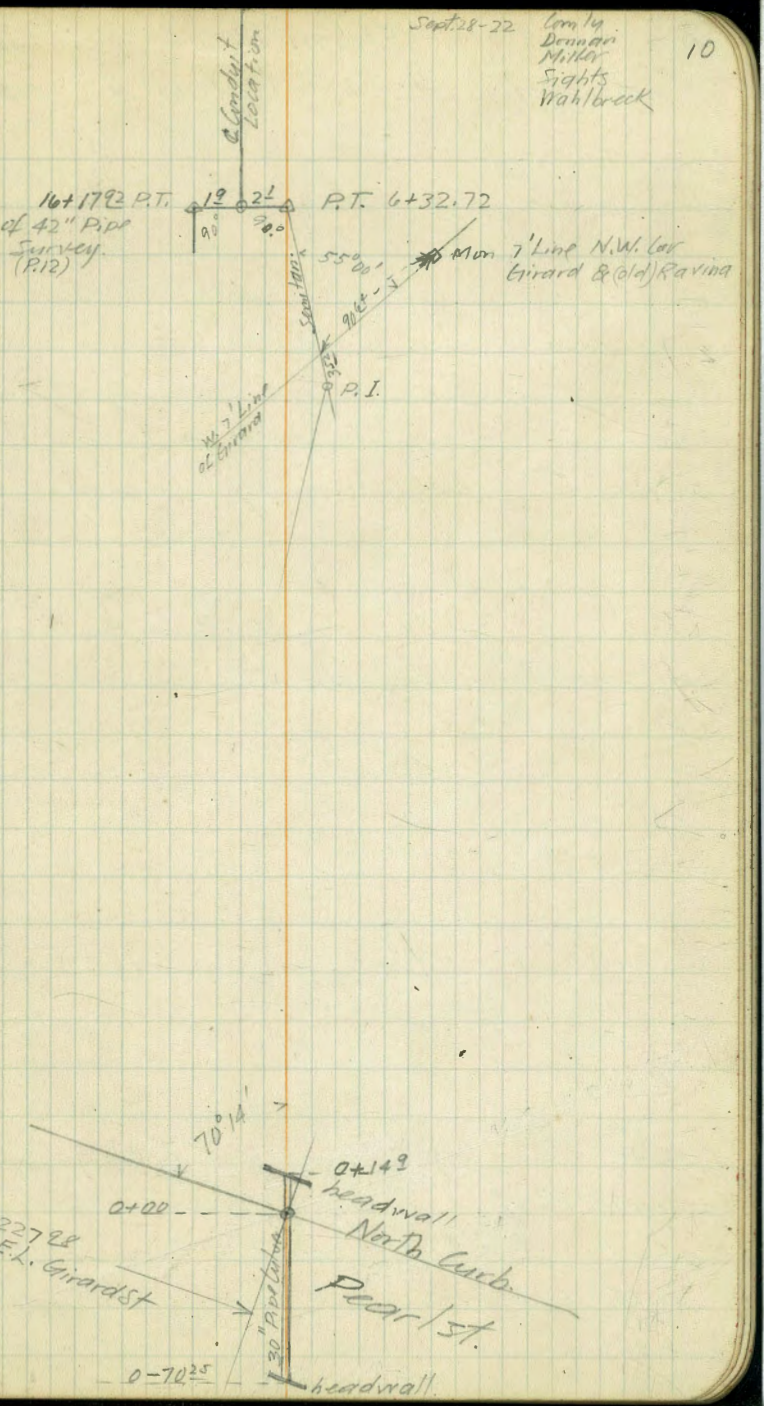
+28.90 P.C. Δ

1

0+00

Sept. 28-22 Comly Donnan Miller Sights Wahlbrock

10



Survey for Storm Drain from Genter and Girard Sts. to Draper & Ravina Sts.

11

10

9

8

7

6

5

4

3

2

1 + 00

+ 69.17 P.T. Δ

+ 50

+ 01.45 P.C. Δ

0 + 00

T = 35.22

Δ = 38° 48' Rt. R = 100'

L = 67.72

Sept 28, 22

11

Comly
Dornan
Miller
Sights
Wahlbreak.

ST.

10 + 88 ±

PEARL ST.

35' 65'

P.L. Line

GIRARD

35' 15'

P.L. Genter

Genter St

38'

0 + 00.

78'

15+21.93

23

22

21

20

19

+77.50 P.T. Δ
R18 +30.78 P.C. Δ
} Δ = 26°46' Lt. R=100', T= 23.79 L= 46.72

R18

"R" 17

16+17.92 P.T. Δ offset 1.9 Rt.
+69.93 ctr.
+21.93 P.C. Δ
} Δ = 55°00' Lt R= 100'
T= 52.06 L= 95.99

15

14

13

12

12

Track ow 7' Line FAY 20+29.33
6315 6315
Track 2' out from Prop.

3ℓ
20+37.7'
24" Corr. Iron Pipe across Fay.
19°53'

W 7' Line Girard
35°52'
55°00'
P.C. 12+21.93
P.I.
Δ hub 100' ctr of Arc "Radius"

27+93.60 = △27+39.19 of old line (p.2)

27

26

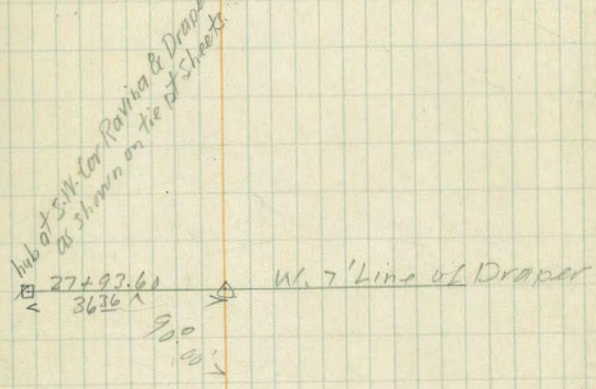
25

24+75.42 P.T. not set.

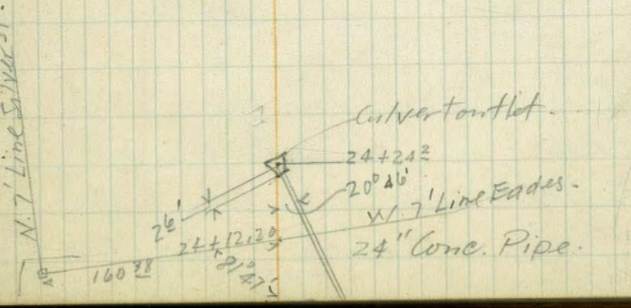
△ = 8°15'4 R=100 T=7.21 L=14.40

24+61.02 P.C. not set

24



P.I. Set.



	6.38	144.62		138.24 = old RT
2+96.5 = old P.C.			1.5	143.1
3			1.9	42.7
+50			7.6	37.0
4			9.0	35.6
+30			6.9	37.7
+70			7.5	37.1
5			9.2	35.4
+50			12.5	32.1
#	0.49	132.14	12.97	131.64
6			2.7	129.9
7			6.1	26.0
8			10.0	22.1
#	0.54	119.77	12.91	119.23
9			1.6	118.2
10			5.5	114.6
+50			6.8	113.0
11			8.7	111.1
12			12.2	107.6
#	0.16	106.91	13.02	106.75
13			3.2	103.7
14			7.0	99.9
15			10.7	96.2
15+21.39 P.C.L.T.			11.6	95.3
15+69.93 = middle of curve			13.3	93.6
#	0.29	94.37	12.83	94.08

				94.37
15+85	Appe (Cement Curb Gutter full:		0.93	93.44
16+17	P.T.		1.1	93.3
17			3.1	91.3
+7			3.6	90.8
+8	= bottom channel		6.6	87.8
+20	= " "		6.1	88.3
+22			4.0	90.4
+30			5.3	89.1
+20			6.1	88.3
+75			5.0	89.4
18			5.3	89.1
18+30	78 = P.C.		5.3	89.1
	middle curve		6.3	88.1
18+77	52 = P.T. = bottom Channel		7.4	87.0
19	= " "		7.7	86.7
+69	= Cement Curb:		7.61	86.76
+69	= Gutter.		8.6	85.8
20	=		8.4	86.0
#	on culvert 575	88.58	11.54	82.80
+21			3.1	85.5
+22			2.4	86.2
Grating on culvert 7'4			3.63	84.95
Curb for culvert 7'4			2.60	85.98
+34			2.6	86.0
+42	= Appe top cul		5.7	82.9

	+	⊼	−	
		88.58		
+42 = Appe = bottom Cul			8.2	80.4
+46 = bottom Channel			8.1	80.5
21			7.8	80.8
+40			5.6	83.0
22			6.6	82.0
+65			7.0	81.6
23			7.7	80.9
+50			11.2	77.4
24			12.8	75.8
#		1.30	77.25	12.63 75.95
+4 = Gutter				1.7 75.5
+6 = Curb.				1.2 76.0
On grating 6' Rt				2.3 74.9
On Curb for grating				1.3 75.9
+17				1.3 75.9
+21.7 = top of parapet wall.				1.30 75.9
+21.7 = flow line				5.25 72.00
+27.2 = End apron;				5.25 72.00
+27.2 = bottom Channel;				6.8 70.4
24+68.23 ⊿ Lt = bottom channel;				7.8 69.4
+81 = " "				7.7 69.5
+90				3.9 73.3
25				3.8 73.4
+50				5.0 72.2
26				7.1 70.1

29298 along North curb line of Pearl St from 10+74.2 to sta 00 at end of 2nd pipe:

	+	π	−		
		77.25			
+15 =	Bottom	Channel	9.7	67.5	
+35			7.5	69.7	
+50			7.8	69.4	
+70			8.8	68.4	
+85		Bottom	Channel:	11.6	65.6
27			11.3	65.9	
+5			10.8	65.4	
+21			5.7	71.5	
+35 =	Dirt	curb:	5.9	71.3	
+36 =	Gutter		6.3	70.9	
+50			6.0	71.2	
+87 =	Cutter	Earth:	6.6	70.6	
+88 =	Curb		5.8	71.4	
#			5.83	71 ,42 = 71.39 on old line:	

	9.33	116.08		106.75
Flow line intake pipe Culvert Pearl St:			5.50	110.58
0+00 = Gutter			2.41	113.67
0+00 = Curb Cement			1.49	114.59
+16 = Top of retaining wall:			1.25	114.83
+16 = Flow line outfall pipe Culvert			7.32	108.76
+25			6.9	109.2
1			8.7	107.4
1+28 90 = P.C			9.2	106.9
1+85 05 = P.T			9.5	106.6
2			10.7	105.4
#	0.57	105.98	10.67	105.41 on sidewalk stake sta 2
3			3.3	102.7
+50			5.5	100.5
4			6.7	99.8
+85			8.4	97.6
+90 = Gutter			9.3	96.7
5			9.4	96.6
+50			10.8	95.2
+96 05 = P.C. Lt:			12.4	93.6
Appe 6+03 = Cement curb			12.8	93.2
6+37 72 = PT = End line			12.7	93.3
#			11.89 =	94.09 = 94.08

Comby Nov. 1922. 19

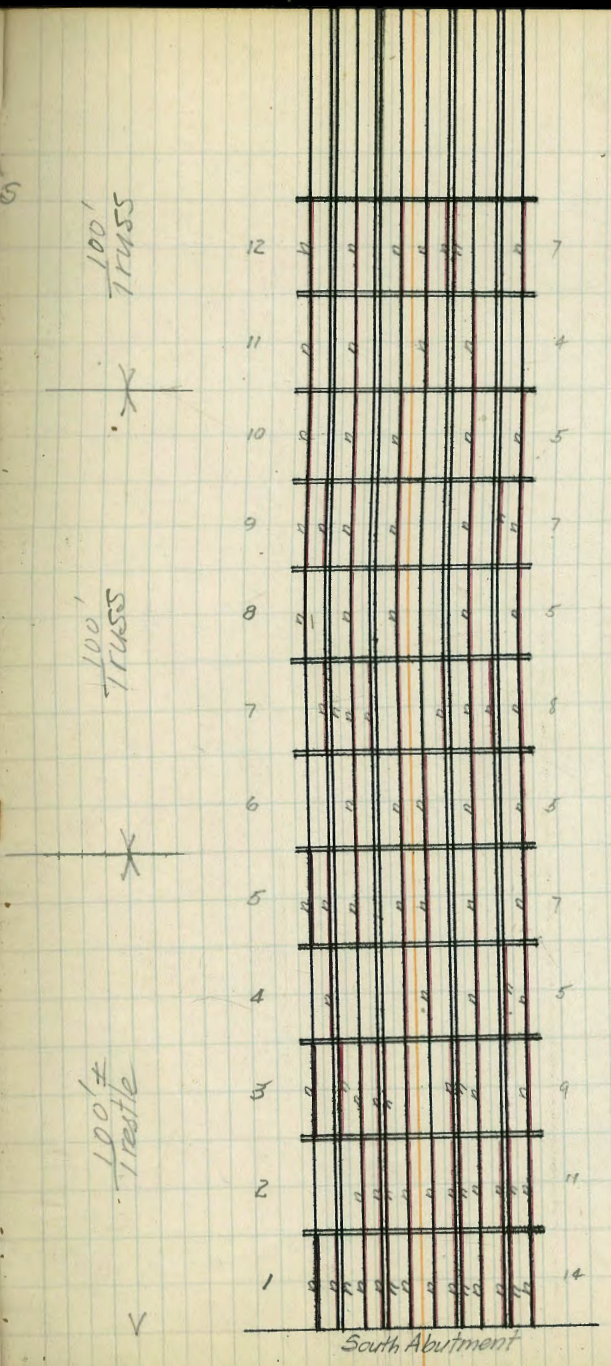
30th St Bridge

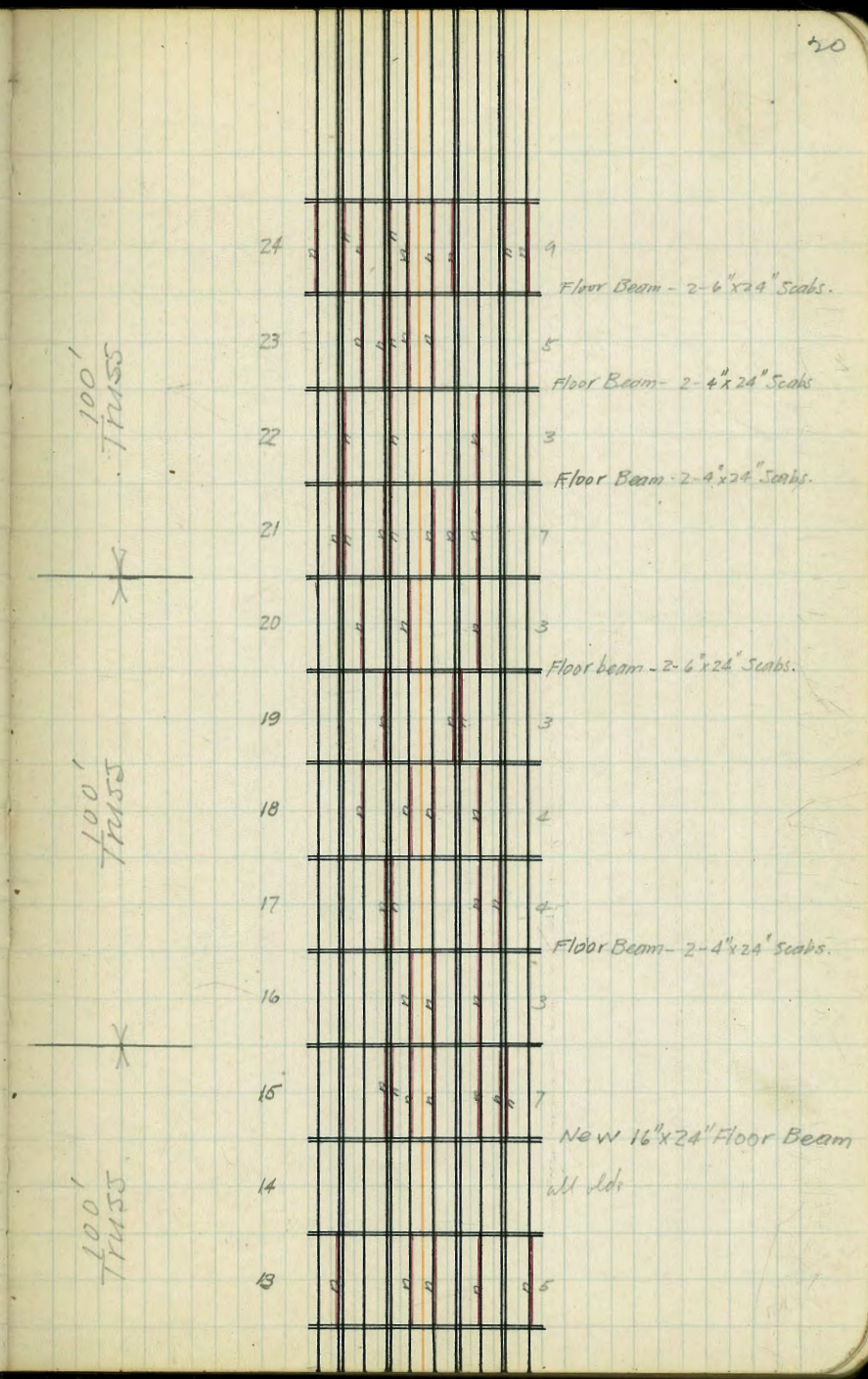
Diagram Showing Stringer Renewals

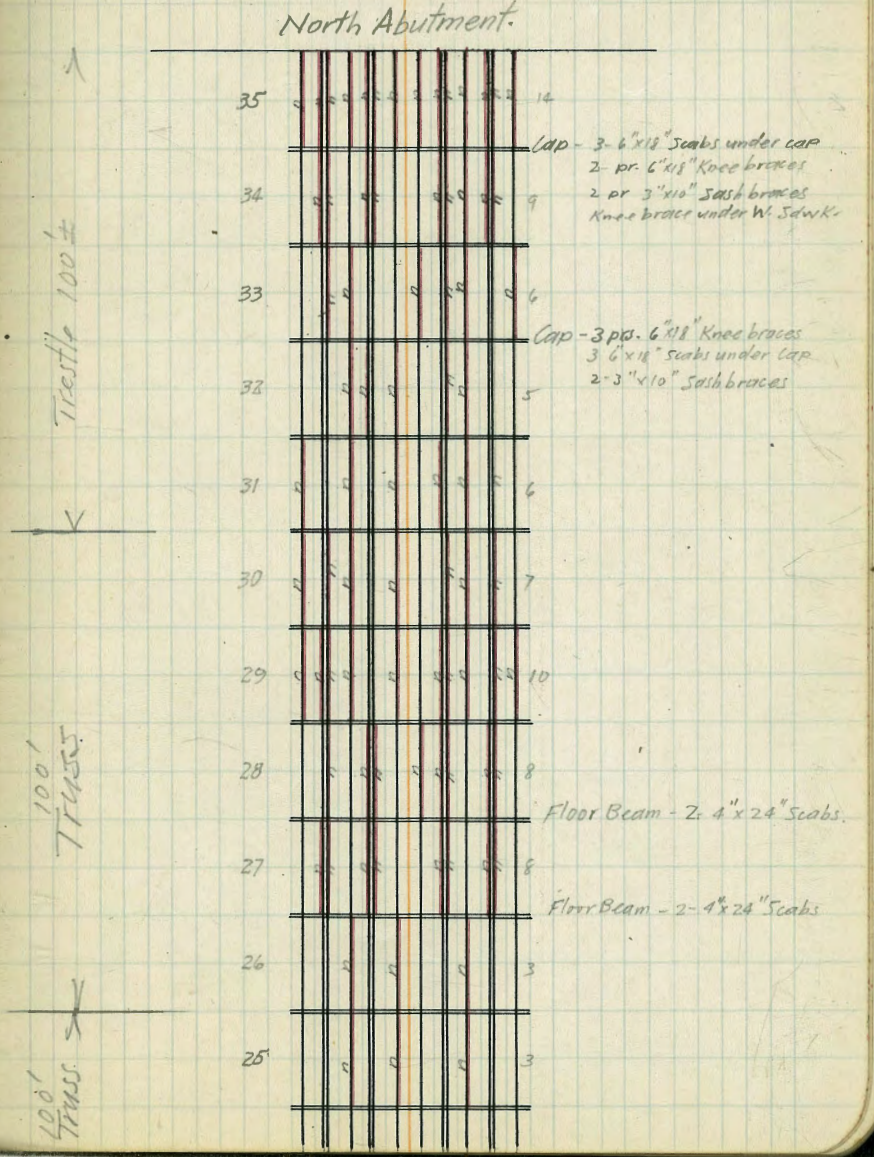
Stringers represented by single longitudinal lines. Caps and floor-beams shown by transverse double lines.

New Stringers indicated by letter "n"

new stringers 219.




24
Floor Beam - 2-6"x24" Scabs.
23
Floor Beam - 2-4"x24" Scabs
22
Floor Beam - 2-4"x24" Scabs.
21
20
Floor beam - 2-6"x24" Scabs.
19
18
17
Floor Beam - 2-4"x24" Scabs.
16
15
New 16"x24" Floor Beam
w/ Rdr
14
13
100' Truss
100' Truss
100' Truss


North Abutment.
35
34
33
32
31
30
29
28
27
26
25
14
9
6
5
6
7
10
8
8
3
3
Cap - 3-6"x18" Scabs under cap
2- pr. 6"x18" Knee braces
2 pr 3"x10" Sash braces
Knee brace under W. Sdwk.
Cap - 3 pcs. 6"x18" Knee braces
3 6"x18" Scabs under Cap
2-3"x10" Sash braces
Floor Beam - 2- 4"x24" Scabs.
Floor Beam - 2-4"x24" Scabs
Tiestie 100'±
100' Truss
100' Truss.

12/26/22 Gregory Moody Ellis

CROSS SECTION OF HOITT ST 60' wide - CBS - from SL I to NL K

on BM	9.57	107.60		98.03	BP SW 2844 + I
		SL I St			
W	104.25		3.5	104.1	✓
cb	104.0		4.1	103.5	
1/4			3.6	104.0	
C	104.75		3.5	104.1	
1/4			3.5	104.1	
+9.9			4.0	103.6	
cb	105.5		5.0	102.6	✓
E	105.75		8.0	99.6	
+5			3.1	104.5	
		5' S.			
-10			5.5	102.1	
-5			5.8	101.8	
E	105.44		7.5	100.1	
+5			8.9	98.7	
cb	10519		7.1	100.5	
1/4			7.4	100.2	
C	104.44		7.0	100.6	
1/4			4.9	102.7	
cb	103.69		4.5	103.1	
W	103.94		3.9	102.7	✓
		15' S.			
W	10333		5.8	101.8	✓
cb	10308		6.2	101.4	
1/4			7.9	99.7	

(107.6)

C	103.83	11.6	96.6	
1/4		13.2	94.4	
cb	104.58	12.9	94.7	
E	104.70	13.5	94.1	✓
+5		13.8	93.8	
+10		11.9	95.7	
	20' S			
-20		8.6	99.0	
-10 = Elev line of Offset		13.20	94.4	
-5		15.8	91.8	
E	104.52	16.0	91.6	✓
cb	104.27	13.8	93.8	
1/4		14.1	93.5	
C	103.52	12.5	95.1	
1/4		8.5	99.1	
cb	102.77	6.9	100.7	
W	103.02	6.6	101.0	✓
+5		6.2	101.4	
TP	1.92 100.71	8.81	98.79	
	30' S		(100.7)	
-5		1.9	98.8	
W	101.85	2.2	98.5	✓
cb	101.60	2.7	98.0	
1/4		5.7	95.0	
C	104.35	8.3	97.4	
1/4		8.6	97.1	

		100.71		100.7
cb	103.10		9.2	91.5
E	103.35		9.0	91.7 ✓
+3			5.4	95.3
+15			4.1	96.6
		41'5		
-15			4.1	96.6
E	103.73		5.4	95.3
+1.99			5.5	95.2
+N			9.3	91.4
cb	104.98		9.4	91.3
1/4			8.5	92.2
℄ 10223 W. curb	101.48		8.3	92.4
	101.73			
		50'5		
-15			3.3	97.4
E	102.68		5.2	95.5 ✓
cb	102.43		5.8	94.9
+3			6.2	94.5
1/4			9.9	90.6
C	101.68		8.8	91.9
(on Manhole)			(7.87)	92.84
1/4			7.8	92.9
+9.99			5.2	95.5
cb	100.93		4.2	96.5
+5			3.9	96.8
W	101.18		3.8	96.9 ✓

				100.7
		75'5		
-10			6.4	94.3
W	99.85		6.7	94.0 ✓
cb	99.60		8.1	92.6
+8			8.5	92.2
+8.1			9.5	91.2
1/4			10.0	90.7
C	100.4		9.2	91.5
1/4			9.1	91.6
+5			8.7	92.0
cb	101.20		5.3	95.4
E	101.45		4.0	96.7 ✓
+15			3.1	97.6
		100'5		
-15			1.9	98.8
E	100.75		2.8	97.9 ✓
+5			3.1	97.6
cb	100.5		4.6	96.1
+5			6.6	94.1
1/4			7.2	93.5
+6			9.3	91.4
C	99.75		10.0	90.7
+5			10.5	90.2
1/4			9.3	91.4
+3			8.4	92.3
cb	99.0		8.6	92.1

		100.71		(100.7)
W	99.55		8.5	92.2
+15			8.0	92.7
		125'5		
-15			9.0	91.7
W	99.52		9.2	91.5
cb	99.77		10.7	90.0
1/4			11.1	89.6
+5			10.0	90.7
C	100.07		8.0	92.7
1/4			6.7	94.0
cb	100.77		3.6	97.1
+5			1.8	98.9
E	101.07		1.3	99.4
+15			0.6	100.1
		145'5		
-10			+0.2	100.9
E	101.44		0.0	100.7
+7			0.5	100.2
cb	101.19		1.8	98.9
1/4			6.1	94.6
C	100.44		7.1	93.6
1/4			7.9	92.8
+5			8.5	92.2
cb	99.70		10.1	90.6
W	99.95		11.7	89.0
+20			9.6	91.1

(100.7)

	160'5		
-20		9.7	91.0
-10		12.2	88.5
W	100.56	9.1	91.6
cb	100.31	7.6	93.1
1/4		6.8	93.9
C	101.07	6.2	94.5
1/4		4.4	96.3
cb	101.74	0.2	100.5
T.P.	112.22 112.69	0.24	100.47 (112.7)
+5		10.9	101.8
E	101.99	10.8	101.9
+10		10.4	102.3
	175'5		
-10		8.4	104.3
E	102.55	9.4	103.3
cb	102.30	10.4	102.3
1/4		14.2	98.5
C	101.61	15.6	97.1
1/4		17.9	94.8
cb	100.97	19.0	93.7
W	101.17	19.2	93.5
+10		17.5	95.2
+20		24.1	88.5
	200'5		
-20		20.9	91.8

		112.69		112.7
W	102.17		18.7	94.0 ✓
cb	101.94		17.4	95.3
1/4			15.9	96.8
c	102.59		13.3	99.4
1/4			11.7	101.0
cb	103.24		7.0	105.7
E	103.49		6.7	106.0 ✓
+10			6.0	106.7
		275' S		
-10			2.5	110.2
E	104.48		3.9	108.8 ✓
cb	104.18		4.8	107.9
1/4			6.8	105.9
c	102.57		9.6	103.1
1/4			12.6	100.1
cb	102.96		14.4	98.3
W	103.21		16.4	96.3 ✓
+25			20.7	92.0
		250' S		
-25			20.2	92.5
-10			17.3	95.4
W	104.22		14.6	98.1 ✓
cb	103.97		11.7	101.0
1/4			9.4	103.3
c	104.54		7.3	105.4
1/4			5.2	107.5

cb	105.17		23	110.4
T.P.	9.33	121.71	03	112.38 ✓ (121.7)
E	105.37		9.3	112.4 ✓
+10			8.2	113.5
		275' S		
E	106.31		6.1	115.6 ✓
cb	106.06		6.1	115.6
1/4			10.0	111.7
c	105.5 ✓		13.4	108.3
1/4			15.0	106.7
cb	104.99		16.2	105.5 ✓
W	105.24		19.0	102.7 ✓
+25			27.8	93.9
		300' S = NL ✓ 5% 80 wide		14" cbs 13 1/4 cs
-25			23.2	98.5
W	106.25		17.1	104.6 ✓
cb	106.00		15.3	106.4
1/4			12.9	108.8
c	106.50		9.9	111.8
1/4			6.6	115.1
cb	107.00		4.2	117.5
E	107.25		3.7	118.0 ✓
		N. Curb		
E			2.7	119.0
cb			3.2	118.5
1/4			5.4	116.3

		121.71		
				121.7
C			8.0	113.7
1/4			10.8	110.9
cb			13.6	108.3
W			15.9	105.8
+10			16.6	105.1
		N 1/4		
-10			17.6	104.1
W			15.3	106.4
cb			12.0	109.7
1/4			9.6	112.1
C			7.0	114.7
1/4			5.0	116.7
cb			2.5	119.2
E			2.2	119.5
		Center J		
E	106.75		1.2	120.5
cb			2.0	119.7
1/4			4.6	117.3
C	106.25		6.5	115.2
1/4			8.3	113.4
cb			10.8	110.9
W	105.75		14.1	107.6
+15			18.6	103.3
		S 1/4		
-15			17.7	104.0
W			13.6	108.1

				121.7
cb			9.3	112.4
1/4			7.3	114.4
C			5.6	115.9
1/4			3.6	118.1
cb			1.9	119.8
E			0.2	121.5
		S Curb		
E			0.6	121.1
cb			2.6	119.1
1/4			3.6	118.1
C			5.0	116.7
1/4			6.9	114.8
cb			9.6	112.1
W			13.3	108.4
+15			17.6	104.7
		SL J	54	
-15			17.7	104.0
W	105.25		15.0	108.7
cb	105.00		9.6	112.1
1/4			7.5	114.2
C	105.50		6.0	115.7
1/4			3.3	118.4
cb	106.00		3.9	117.8
E	106.25		1.9	119.8
		25'S		
E	104.02		5.3	116.4

		121.71		121.7
cb	103.77		6.5	115.27
+3			7.8	113.9
1/4			8.1	113.6
c	103.31		9.2	112.5
1/4			10.5	111.2
cb	102.86		12.4	109.3
W	103.11		14.8	106.9
+15			18.1	103.6
		50' S		
-10			20.0	101.7
W	100.97		18.8	102.9
cb	100.72		17.0	102.7
1/4			15.3	106.4
c	101.63		14.1	107.6
1/4			13.2	108.5
cb	101.54		12.0	109.7
E	101.79		11.2	110.5
TP	0.77	110.00	12.48	109.23
		75' S		
-10	on sidewalk to house		4.4	105.6
E	99.56		5.1	104.9
cb	99.31		5.5	104.5
1/4			6.4	103.6
c	98.94		6.5	103.5
1/4			6.7	103.3
	98.58		7.3	102.7

Hoitt

27

110.0

W	98.83		9.2	100.8
+10			10.5	99.2
		90' S		
-10			12.4	97.6
W	97.54		11.3	98.5
cb	97.79		10.2	99.8
1/4			9.2	100.8
c	97.62		9.0	101.0
1/4			9.4	100.6
cb	97.97		9.1	100.9
E	98.22		9.0	101.0
+10	= on driveway		9.2	100.8
		100' S		
-10			9.5	100.5
E	97.33		9.9	100.1
cb	97.08		10.1	99.9
1/4			10.3	99.7
c	96.75		10.3	99.7
1/4			10.4	99.6
cb	96.43		11.4	98.6
W	96.68		12.4	97.6
+10			13.0	97.0
TP	0.30	97.36	12.94	97.06
		125' S		
-10	on lawn		2.3	95.1
W	94.54		2.5	94.9

				97.4
cb	94.79		2.0	91.4
1/4			1.2	96.2
c	9457		0.7	96.7
1/4			0.5	96.9
cb	9485		0.5	96.9
E	95.10		0.6	96.8
+10			0.5	96.9
		150' S		
-10			3.1	9X.3
E	93.16		3.1	94.3
cb	92.91		3.3	94.1
1/4			3.4	94.0
c	9270		3.6	93.9
1/4			3.8	93.6
cb	9250		4.1	93.3
W	9275		4.4	93.0
+10	07 lann.		4.3	93.1
		175' S		
-10			5.9	91.5
W	91.50		6.1	91.3
cb	9125		5.8	91.6
1/4			5.9	91.5
c	91.34		5.7	91.7
1/4			5.7	91.7
cb	9143		5.8	91.6
E	91.68		5.8	91.6

				97.4
		200 S		
E	90.20		7.7	89.7
cb	89.95		7.6	89.8
1/4			7.4	90.0
c	89.97		7.0	90.4
1/4			7.0	90.4
cb	9000		7.2	90.2
W	9025 = same as garage floor 3' west of WL		7.3	90.1
		225' S		
W	8900		8.0	89.4
cb	8875		8.1	89.3
1/4			8.3	89.1
c	8866		8.2	89.2
1/4			8.5	88.9
cb	8847		8.8	88.6
E	88.74		8.9	88.5
		250' S		
E	87.24		9.5	87.9
cb	8699		9.6	87.8
1/4			9.4	88.0
c	87.24		9.2	88.2
1/4			9.1	88.3
cb	8750		9.2	88.2
W	8775		9.3	88.1
		275' S		
W	8650		10.1	87.3

		97.36		97.4
cb	86.25		11.0	86.4
1/4			10.6	86.8
c	8588		10.5	86.9
1/4			10.5	86.9
cb	8551		10.5	86.9
E	8576		10.2	87.2
		295' S		
E	8457		10.4	87.0
cb	8432		12.3	85.1
1/4			12.8	84.6
c	8478		12.1	85.3
1/4			12.2	85.2
cb	85.25		12.2	85.2
W	8550		10.7	86.7
	300.8' = N.L. K St			
W	85.25		11.7	85.7
cb	85.00		12.5	84.9
1/4			12.3	85.1
c	8450		12.3	85.1
1/4			12.6	84.8
cb	84.00		12.5	84.9
E	84.25		12.4	85.0
chk cb. NW Ht Hoitt			12.47	84.89

12/16/12
Gregor
Moore
Ellis

Levels 1'5 ox N. Curb ox Douglas St. from E. CL Line ox Eagle St To.

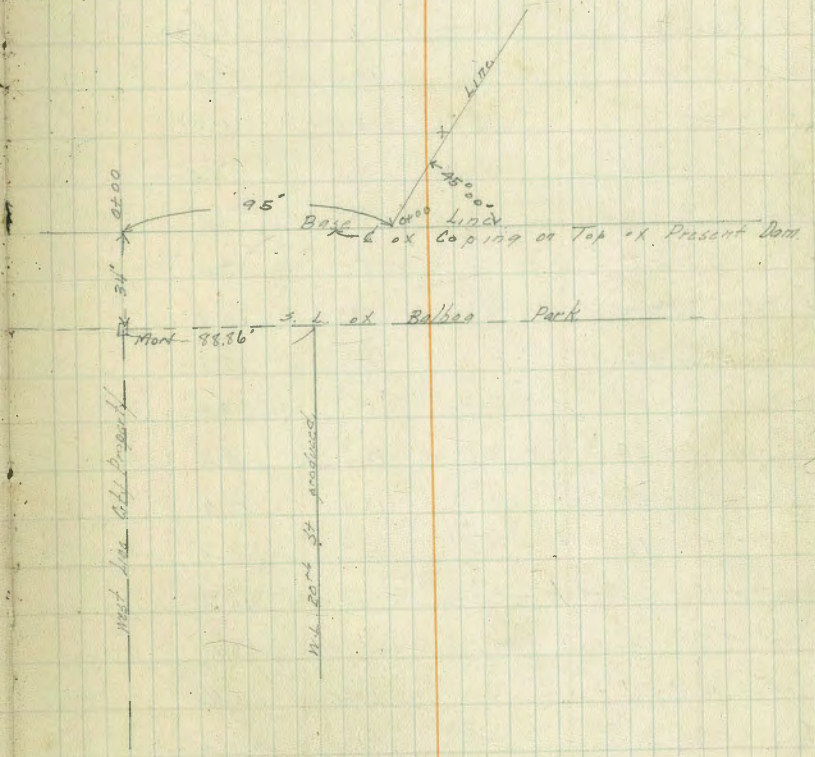
	0.00	263.06		263.06	BR NE Wash = Eagle Flow Line ox present pipe
0+00 = Ech Line ox Eagle			6.3	56.8	
0+00			5.1	58.0	= Top of pipe
0+52			5.3	57.8	
0+59			7.8	55.3	
T.P.	0.83	251.51	12.36	250.68	
0+70			2.3	49.3	
+73	Hollow under this		5.0	46.5	
+73.2	Hole here is .45 high		12.3	39.2	
+85			15.9	35.6	
1+00			21.3	30.2	
+10			22.0	29.5	

1/3/13 Gregory / Moore / Miller / Shaw.

CROSS SECTION OF SWITZER CANON DAM

	9.09	82.29		73.20	Mon on N.3' NW cor C.H.
T.P.	8.99	86.75	4.53	77.76	
T.P.	14.85	98.42	1.18	85.57	B.M.
		100' W. of 0+00			
Base Line			8.3	90.1	
30' S. of B.L			11.0	87.4	
30' N " "			4.9	93.5	
60' " " "			4.1	96.3	
73 " " "			4.4	96.0	
		50' W. of 0+00			
30' S. of B.L			10.4	88.0	
Base Line			8.0	90.4	
30' N. of " "			5.5	92.9	
50' " " " "			4.3	94.1	
65' " " " "			2.4	96.0	
78' " " " "			1.8	96.6	
		0+00 = W.L of City Property			
83.5 N. of Base = Edge pavement.					
80' N. of Base L			1.9	96.5	
70' " " " "			2.4	96.0	
50' " " " "			4.1	94.3	
45' " " " "			5.9	92.5	
Base Line			7.9	90.5	
40' S. of " "			10.2	88.2	
25' " " " + 10' E of 0+00			10.8	87.6	
50' " " "			13.4	85.0	
" " " " #17 E of 0+00			14.1	84.3	

75' S. of B.L	16.2	82.2	
" " " +8' E of 0+00	16.4	82.0	= Edge of Cut
95 " " "	18.3	80.1	
" " " +9' E of 0+00	18.7	79.7	= Edge of Cut
120 " " "	21.1	77.3	= " " "



9842

25' E. of 0+00

85' N of B.L.		2.0	96.4
75' " " "		2.5	95.9
50' " " "		4.6	93.8
25' " " "		6.6	91.8
Base Line		9.0	89.4
25' S. of "		15.2	83.2
45' " " "		13.9	84.5
T.P.	0.57	86.14	14.85	85.57
50' S of B.L.			8.7	77.4
" " " "	+27' E of 0+00		13.7	72.4
" " " "	+32' " " "		17.7	68.4
34' " " "	+50' " " "		18.0	68.1
50' " " "	+50' " " "		18.9	67.2
52' " " "	+25' " " "		12.7	73.4
75' " " "	+25' " " "		17.2	68.9
75' " " "	+16' " " "		16.8	69.3
95' " " "	+25' " " "		19.8	66.3
95' " " "	+14' " " "		18.0	68.1
95' " " "	50' " " "		20.5	65.6
170' " " "	50' " " "		21.0	65.1
170' " " "	29' " " "		18.4	67.7

50' ~~75~~ E of 0+00

28' S. of B.L.		3.8	82.3
15' " " "		5.8	80.3
Base Line		6.2	79.9

15' N. of Base Line			1.6	81.5
25' " " "			1.8	84.3
25' " " "	97.5/58' ~~85~~	E of 0+00	4.8	81.3
50' " " "			+6.0	92.1
75' " " "			+7.9	94.0
101' " " "			+9.7	95.8
121' " " "	70' ~~95~~	E of 0+00	+9.2	95.3
92' " " "	70' ~~95~~	" " "	+9.0	95.1
75' " " "	66' ~~91~~	" " "	+7.4	93.5
81.3 " " "	79.5 ~~104.5~~	" " "	+0.1	86.2
75' " " "	70' ~~95~~	" " "	+4.5	90.6
50' " " "	70' ~~75~~	" " "	2.9	83.2
25' " " "	70' ~~95~~	" " "	6.9	79.2
Base Line	70' ~~95~~	" " "	7.8	78.3
13' S. of "	70' ~~95~~	" " "	5.2	80.9
21' " " "	70' ~~95~~	" " "	18.3	67.8
50' " " "	70' ~~95~~	" " "	20.2	65.9
50' " " "	79.5 ~~104.5~~	" " "	20.2	65.9
21' " " "	79.5 ~~104.5~~	" " "	19.0	67.1
8' " " "	79.5 ~~104.5~~	" " "	6.7	79.4
Base Line	79.5 ~~104.5~~	" " "	7.3	78.8
25' N. of "	79.5 ~~104.5~~	" " "	7.6	78.5
50' " " "	79.5 ~~104.5~~	" " "	3.1	83.0
75' " " "	75' ~~100~~	" " "	+4.0	90.1
76' " " "	79.5 ~~104.5~~	" " "	+1.0	87.1
95' " " "	79.5 ~~104.5~~	" " "	+4.9	91.0

9.2 / 9.0 — 9.6 / 1.3 8 — 1.3 / 1.6 — 1.3 / 1.5 — 32

Top Edge Pave

Edge Pave

on hill

Flow Line = Outlet of C.P.

80

98' N. of B.L. 104.5' E. of 0+00		+8.4	94.5	Edge of Road.
117.5 " " 104.5' " "		+9.0	95.1	Edge of Pave
	0+35 on X Base Line			
X Line		8.3	77.8	
25' West of " "		5.1	81.0	
	0+39.7 on X Base			
25' West of X Line		3.8	82.3	
4' " " " " = End of Dam coping		10.1	76.02	Top of Concrete
X Line = Edge " "		10.12	76.02	" " "
X "		12.0	74.1	" " Facing
	0+47 on X Base			
X Line		14.5	71.6	
15' W. of " "		13.0	73.1	
25 " " " "		6.2	79.9	
	0+59 on X Base			
35' West of X Base		4.3	81.8	
27' " " " "		6.9	79.2	
24' " " " "		11.5	74.6	
15' " " " "		12.9	73.2	
X Line		14.6	71.5	
10' E. of " "		17.0	69.1	
T.P. #57	78.16	14.55	73.59	
	0+70 on X Base			
15' E. of X Line		8.7	69.5	
X Line		7.3	70.9	
3' W. of " "		3.0	75.2	

27' W. of X Line	+1.5	79.7	
(" " " " and 65' N. of 0+00)	2.5	75.6	
35 " " " "	0.8	77.4	
(35' " " " " and 65' N. of 0+00)	+3.0	81.2	
38' " " " "	+3.3	81.5	
45' " " " "	+3.9	82.1	
46' " " " "	+7.9	86.1	
51' " " " "	+9.3	87.5	
0+75 on X Line			
50' W. of X Line	+10.4	88.6	
43' " " " "	+6.6	84.8	
27' " " " "	+2.7	80.9	
5' " " " "	7.2	71.0	
X Line	7.7	70.5	
13' E. of " "	8.3	69.9	
1+00 on X Line			
50' E. of X Line	13.3	64.9	
43' " " " "	15.3	62.9	
42' " " " "	18.0	60.2	creek bottom
37' " " " "	18.1	60.1	" "
25' " " " "	11.9	66.2	
X Line	10.5	67.7	
3' W. of " "	10.0	68.2	
10' " " " "	6.4	71.8	
27' " " " "	+2.6	80.8	
35' " " " "	+6.7	84.9	

7816

50' W. of X Line	+12.8	91.0	
56' " " "	+16.3	94.5	Edge of Road
74' " " "	+17.1	95.3	" " Pave.
1+25 on X Line			
70' W. of X Line	+16.9	95.1	Edge of Pave.
51 " " "	+15.7	93.9	" " Road
40' " " "	+9.9	88.1	
32 " " "	+5.3	83.5	
25' " " "	+0.7	78.6	
20' " " "	3.8	74.4	
12' " " "	6.7	71.5	
5' " " "	11.2	67.0	
X Line	11.4	66.8	
27' E. of "	11.9	66.3	
35' " " "	15.0	63.2	creek bottom
45' " " "	15.1	63.1	" "
47' " " "	13.7	64.5	
55' " " "	12.2	66.6	
60 " " "	11.3	64.9	
1+50 on X Line			
75' E. of X Line	12.1	66.1	
60' " " "	10.6	67.6	
47' " " "	15.4	62.8	creek bottom
38' " " "	15.1	63.1	" "
27' " " "	12.1	66.1	
10' " " "	12.2	66.0	

X. Line	+1.1	67.1	
7' W. of " "	9.7	68.4	
10' " " "	7.6	70.6	
25' " " "	0.0	78.2	
31' " " "	+3.6	81.8	
38' " " "	+8.3	86.5	
46' " " "	+15.3	93.5	Edge of Road
63' " " "	+15.6	93.8	
68.5' " " "	+16.5	94.7	Edge of Pave.
1+75' on X Line			
67' W. of X Line	+16.3	94.5	Edge of Pave.
68 " " "	+15.2	93.4	
42 " " "	+14.9	93.1	
32 " " "	+7.3	85.5	
27' " " "	+1.6	79.8	
21' " " "	0.0	78.2	
13' " " "	4.9	73.3	
X Line	11.0	67.2	
2' E. of " "	11.8	66.4	
25 " " "	11.6	66.6	
39' " " "	14.8	63.4	creek bottom
50' " " "	14.3	63.9	" "
58' " " "	11.8	66.4	
75' " " "	12.0	66.2	
2+00 on X Line			
75 E. of X Line	11.9	66.3	

78.16

52' E. of X Line	11.8	66.4	
45' " " "	14.1	64.1	creek bottom
33' " " "	14.8	63.3	" "
32' " " "	13.6	64.6	
24' " " "	10.5	67.7	
6' " " "	11.6	66.2	
X Line	10.4	67.8	
6' W. of X " "	6.2	72.0	
9' " " "	5.1	73.1	
12' " " "	1.2	77.0	
25' " " "	+8.4	86.6	
31' " " "	+10.4	88.6	
36' " " "	+14.6	92.8	Edge of Road
65' " " " Edge Pavt	80' ~~115'~~ E of 0+00		Coping Line
20' N. of Base	0.3	77.9	
5' " "	0.0	78.2	
Base Line	2.8	75.4	
3' S. of " "	4.7	73.5	
20' " " "	10.3	67.9	
30' " " "	11.2	67.0	
	115' ~~140'~~ E of 0+00		
23' S. of Base	10.5	67.7	
20' " "	8.4	69.8	
7' " "	2.0	76.2	
Base Line	1.2	77.0	
6' N. of " "	1.0	77.2	

58.9
95
T39

153.9

35

13' ± N. of Base	2.3	76.9	Top Coping
13' ± " " "	4.3	73.9	bottom "
36' " " "	10.3	67.9	
	128.9 ~~153.9~~ E. of 0+00 = Angle in coping		
32.5' N. of Base	13.4	64.8	on Toe Apron
Base Line	4.3	73.9	bottom Coping
" "	2.45	75.71	Top "
	143.6 ~~168.6~~ E of 0+00		
28' N. of Base	15.8	62.3	
17.7' " " " = Top of Headwall	11.65	66.51	= Center of Headwall
(17.7 " " " = Flow Line 5' C.P.)	(17.9)	60.3	
Basic Line	4.3	73.9	bottom Coping
" "	2.4	75.8	" "
14' S. of Base	3.1	75.1	
24' " " "	10.3	67.9	
	175 ~~200~~ E of 0+00		
73' S. of Base	11.0	67.2	
12' " " "	4.9	75.3	
Base	2.2	76.0	Top coping
"	4.2	74.0	bottom "
15' N. of "	14.2	64.0	
24' " " "	12.0	66.2	
	225 ~~450~~ E of 0+00		
35' N. of " "	12.4	65.8	
11.6' " " "	11.8	66.4	Toe Apron
Base	4.3	73.9	

7816

Base Line			7.3	75.9	
13.5 ~ ~			3.1	75.1	
20 ~ ~ ~			9.6	68.6	
T.P.	7.34	7829	7.71	75.95	
		275' / ~~300~~ E of 0+00			
21 S. of Base			8.6	69.7	
12 ~ ~ ~			4.5	75.8	
7 ~ ~ ~			1.1	77.2	
Base			4.3	76.0	Top Coping
~			4.3	74.0	bottom ~
10 N. of ~			10.9	67.4	Toe of Apron
15 ~ ~ ~			11.4	66.9	
30 ~ ~ ~			10.1	68.2	
80 ~ ~ ~			11.9	66.4	
		325' / ~~350~~ E of 0+00			
80 N. of Base			10.4	67.9	
40 ~ ~ ~			10.8	67.5	
4.5 ~ ~ ~			9.9	68.4	
9.8 ~ ~	= Toe of Apron		10.5	67.8	
13.5 ~ ~			3.1	75.2	
24 ~ ~ ~			7.8	70.5	
		375' / ~~400~~ E of 0+00			
28 S. of Base			9.2	69.1	
15 ~ ~ ~			3.5	74.8	
Base			4.3	76.0	Top
~			4.3	74.0	Bottom

9 N. of Base = Toe Apron	9.9	68.4	
30 ~ ~ ~	9.7	68.6	
80 ~ ~ ~	9.7	68.6	
	425' / ~~450~~ E of 0+00		
80 N. of Base	9.4	69.9	
7 N. of Base = Toe Apron	9.0	69.3	
Base			
20.5 of ~	4.4	73.9	
35 ~ ~ ~	9.0	69.3	
	475' / ~~500~~ E of 0+00		
34 S. of Base	8.4	69.9	
27 S. of Base	4.8	73.5	
Base	4.3	76.0	
4.3 N. of ~ = Toe of Apron	7.1	71.2	
70 ~ ~ ~	8.4	69.9	
	525' / ~~550~~ E of 0+00		
70 N. of Base	8.4	69.9	
3.5 ~ ~ ~ = Toe Apron	6.4	71.9	
27 S. ~ ~	4.4	73.9	
34 ~ ~ ~	6.4	71.9	
T.P. 7.95 8389 ~	4.35	75.94 ~	
	550' / ~~595~~ E of 0+00		
26 S. of Base	9.8	74.1	
Base	9.0	74.9	= ground
~	8.0	75.9	Top Coping
3 N. of ~ = Toe Apron	11.9	72.0	

20' N. of Base		10.0	73.9
30' " " "		11.4	72.5
60' " " "		13.0	70.9
	558 ~~583~~ E. of 0+00		
60' N. of Base		12.4	71.5
45' " " "		11.3	72.6
25' " " "		11.3	72.6
13' " " "		8.4	75.5
10' " " "		11.7	72.2
3' " " " = Toe Abut		11.7	72.2
	565.4 ~~590.4~~ E. of 0+00 = End of Coping		
75' S. of Base		9.0	74.9
Base		9.0	74.9 on ground
		5.0	75.9 Top Coping
3' N. of Base		11.4	72.5
33' " " "		11.0	72.9
38' " " "		8.9	75.0
45' " " "		10.8	73.1
60' " " "		11.8	72.1
	575' ~~600~~ E of 0+00		
60' N. of Base		9.8	74.1
38' " " "		9.2	74.7
28' " " "		8.0	75.9
20' " " "		11.2	72.7
5' " " "		11.2	72.7
Base		9.0	74.9

20' S. of Base		8.5	75.4
	600' ~~685~~ E of 0+00		
20' S. of Base		5.5	78.4
Base		7.1	76.8
3' N. of "		6.9	77.0
6' " " "		9.4	74.5
12 " " "		6.5	77.4
55' " " "		4.1	79.8
	625' ~~650~~ E. of 0+00		
55' N. of Base		3.5	80.4
25' " " "		4.7	79.2
Base		3.6	80.3
15' S. of "		1.5	82.4
TP 13.0	96.16	0.76	73.14
	660' ~~685~~ E of 0+00		
Base		7.4	88.8
20' N. of Base		10.3	85.9
35' " " "		11.9	84.3
68' " " "		12.1	84.1
80' " " "		15.4	80.8
100' " " "		14.7	81.5

Tr. +14.4

No 9579

0+67 on Base Line

32' S. of Base			12.3	83.5	
19 " " "			14.6	81.2	
9 " " "			15.0	80.8	
Base			13.7	82.1	
15' N of			10.5	85.3	
35' " "			4.6	91.4	
50 " " "			3.1	92.7	
85 " " "			0.4	95.4	
T.P.	2.77	98.17	0.39	95.40	
88' N.			2.0	93.8	
98± "	= edge paving		2.1	93.7	
				85.57	B.M.
T.P	0.86	86.43	8.70	77.73	
	1.63	79.36			

X 2+25

20' E of X			11.6	67.8	
5 E			11.9	67.5	
0			10.7	68.7	
10' W			3.5	75.9	
20' W			+4.7	84.1	
25' W			+6.4	85.8	
36 W			+13.6	93.0	Top.

X 2+50

36' W of Base X		+13.0	92.4	Top
25' " " "		+5.4	84.8	
18' " " "		+1.8	81.2	
12' " " "		-4.5	74.9	
3.		10.7	68.7	
X Base		10.9	68.5	
17' E		11.8	67.6	
		75.9	Top Conc	
T.P.	12.05	87.95	~~0.23~~	
		0.23	87.72	T.P
	9.57	97.29		

7+05 (old station)

15 S.		+3.9	101.2	
Base		+0.4	97.7	
20 N		-4.4	92.9	
40 N		8.6	88.7	
40 N	6+96 E old	12.0	85.3	
50 N		11.4	85.9	
85 N		12.2	85.1	

	0.50	7640		75.9	Elv. top of Coping
		2+25			
E of Baseline	0+20		8.7	67.2	
" "	+29		13.5	62.4	
	+43		11.8	64.6	
	+50		8.7	67.7	
	+75		8.3	68.1	
		2+50			
" "	+75		7.8	68.6	
	+50		8.7	67.7	
	+43		12.8	63.6	
	+35		12.6	63.8	
	+32		10.9	65.5	
	+17		8.7	67.7	

4/15/23 Gregory CROSS SECTION OF 32nd ST from NL Market to SL F — 60' ST 10' obs

6.50 88.76 82.26 Mon 32nd & I

N.L. Market

W	7.3	81.5
cb	7.6	81.2
1/4	8.2	80.6
C	8.2	80.6
1/4	8.0	80.8
cb	8.0	80.8
E	7.4	81.4

3' N.

E	6.0	82.8
+3	6.0	82.8
+5	7.5	81.3
cb	8.0	80.8
1/4	8.0	80.8
C	8.0	80.8
1/4	8.1	80.7
+6	7.3	81.5
+7	6.1	82.7
cb	6.1	82.7
W	5.4	83.4

Plotted on Aff Gr. Sheet 5-28-23 Tolman

30' N

W	5.2	83.6
cb	5.7	83.1
+3	6.0	82.8
+6	7.1	81.7
1/4	7.3	81.5
C	7.2	81.6
1/4	7.2	81.6
cb	7.0	81.8
E	5.9	82.9

65' N

E	6.0	82.8
cb	6.0	82.8
1/4	6.3	82.5
C	6.2	82.6
1/4	6.4	82.4
+4	6.4	82.4
+7	5.1	83.7
cb	5.2	83.6
W	4.9	83.9

100' N

W	4.6	84.2
cb	4.7	84.1
+4	4.8	84.0
+7	6.1	82.7
1/4	6.2	82.6
C	6.3	82.5
1/4	6.4	82.4
+4	6.4	82.4
+6	5.2	83.6

88.76

cb	5.2	83.6
E	5.4	83.4
160' N		
E	5.6	83.3
cb	5.0	83.8
+4	5.1	83.7
+6	6.2	82.6
1/4	6.4	82.4
C	6.4	82.4
1/4	6.2	82.6
+3	5.8	83.0
+5	4.9	83.9
cb	4.5	84.3
W	4.2	84.6
700' N		
W	3.9	84.9
+3	4.4	84.4
cb	4.7	84.1
+7	5.8	83.0
+9	6.5	82.3
1/4	6.5	82.3
C	6.9	81.9
1/4	7.1	81.7
cb	7.2	81.6
+5	7.7	81.1
E	8.6	80.2
+10	9.1	79.7

35nd

273' N

-10	9.7	79.1
E	9.2	79.6
cb	7.7	81.1
1/4	7.6	81.2
C	7.4	81.4
1/4	7.0	81.8
+3	5.5	83.3
cb	5.4	83.4
W	4.2	84.6
270' N		
W	6.9	81.9
cb	7.1	81.7
+1	7.7	81.1
1/4	8.2	80.6
C	8.5	80.3
1/4	8.6	80.2
+8	8.6	80.2
cb	9.3	79.5
E	9.7	79.1
+10	10.2	78.6

300' N = 5L G 5+ 80' 3+ 1/4' cks

-10	10.2	78.6
E	9.8	79.0
cb	9.2	79.6
+1	8.7	80.1

88.76

1/4	8.9	79.9
C	8.8	80.0
1/4	8.7	80.1
cb	8.6	80.2
W	8.7	80.1

S. Curb

W	8.7	80.1
cb	8.8	80.0
1/4	8.6	80.2
C	8.7	80.1
1/4	8.9	79.9
+8	8.6	80.2
cb	9.5	79.3
E	9.9	78.9
+10	10.1	78.7

3 1/4

-10	10.3	78.5
E	10.0	78.8
cb	9.3	79.5
+1	8.5	80.3
1/4	8.9	79.9
C	8.7	80.1
1/4	8.5	80.3
cb	8.8	80.0
W	8.5	80.3

3rd

Center G St

W	8.5	80.3
cb	8.7	80.1
1/4	8.5	80.3
C	8.7	80.1
1/4	8.8	80.0
+9	8.6	80.2
cb	9.7	79.1
E	10.0	78.8
+10	10.1	78.7

N 1/4

-10	10.0	78.8
E	9.7	79.1
cb	9.0	79.8
1/4	8.7	80.1
C	8.5	80.3
1/4	8.3	80.5
cb	8.5	80.3
W	8.3	80.5

N. Curb

W	8.2	80.6
cb	8.5	80.3
1/4	8.4	80.4
C	8.4	80.4
1/4	8.6	80.2
cb	8.5	80.3
E	8.5	80.3

88.76

NL G ST

E	7.9	80.9
cb	8.2	80.6
1/4	8.5	80.3
C	8.3	80.5
1/4	8.2	80.6
cb	8.2	80.6
W	8.1	80.7

35' N

W	7.3	81.5
cb	7.6	81.2
1/4	7.7	81.1
C	7.7	81.1
1/4	7.9	80.9
cb	7.5	81.3
E	7.5	81.3

80' N

-5	7.6	81.2
E	7.5	81.3
cb	7.1	81.7
+5	7.4	81.4
1/4	7.3	81.5
cb	6.9	81.9
1/4	6.8	82.0
cb	6.5	82.3
W	5.3	83.5

32nd

W 35' +2 4.5' 4.6

110' N

W	5.3	83.5
cb	6.1	82.7
1/4	6.4	82.4
C	6.4	82.4
1/4	6.8	82.0
cb	6.4	82.4
+2	7.1	81.7
E	7.6	81.2
+10	7.7	81.1

140' N

-10	9.3	79.5
E	8.8	80.0
+6	8.3	80.5
cb	5.9	82.9
1/4	6.1	82.7
C	6.0	82.8
1/4	5.8	83.0
cb	5.2	83.6
W	4.8	84.0

160' N

W	4.4	84.4
cb	4.8	84.0
1/4	5.0	83.8
C	5.3	83.3
1/4	5.5	83.3

		88.76		
cb			5.3	83.5
+5			7.3	81.5
E			7.7	81.1
+10			8.1	80.7
		163'N		
W			3.5	85.3
+N			4.5	84.3
cb			4.6	84.2
		200'N		
-10			5.5	83.3
E			4.6	84.2
cb			3.7	85.1
1/4			3.7	85.1
c			3.8	85.0
+3			3.8	85.0
1/4			4.4	86.4
+5			1.8	87.0
cb			1.9	86.9
W			2.4	86.4
T.P.	9.20	9609	1.87	86.89
		235'N		
W			7.0	89.1
cb			7.3	88.8
1/4			8.2	87.9
+8			9.0	87.1
c			9.7	86.4

32nd

1/4	9.8	86.3
cb	9.8	86.3
E	9.7	86.4
+2	10.1	86.0
+10	10.7	85.4
270'N		
-10	8.3	87.8
E	7.3	88.8
cb	8.1	88.0
1/4	7.8	88.3
+6	7.7	88.4
c	7.2	88.9
1/4	6.0	90.1
cb	4.8	91.3
W	4.0	92.1
298'N		
W	2.1	94.0
cb	2.6	93.5
+2	3.0	93.1
+5	4.5	91.6
1/4	5.1	91.0
c	5.6	90.5
1/4	6.1	90.0
cb	6.6	89.5
+5	5.7	90.4
E	5.7	90.4

96.09

358
9151

32nd St

300' N. = S.L. F St.

E	5.7	90.4
+5	5.7	90.4
cb	6.5	89.6
1/4	5.9	90.2
C	5.4	90.7
1/4	5.1	91.0
cb	4.4	91.7
W	3.9	92.2
ch Rd on dirt curb SE F + 32nd	6.0	90.1
	1.89	94.20 = 94/16

Mon SW 32nd + P

5/18/23 Gregory Moore Miller CW

CROSS SECTION OF RESERVOIR SITE
South of El Cajon
West of Idaho

	6.45	379.46	373.01

395' S. of El Cajon = Toe of Slope Reservoir Large

W.L. Idaho	5.5	374.0
20' W	5.3	374.2
40' "	5.6	374.0
60' "	5.2	374.3
80' "	5.1	374.4
100' "	5.1	374.4
120' "	4.8	374.7
132' "	4.7	374.8

375' S. of El Cajon

132' W. of W.L. Idaho.	4.5	375.0
120' " " " "	4.5	375.0
100' " " " "	4.7	374.8
80' " " " "	4.8	374.7
60' " " " "	4.9	374.6
40' " " " "	5.0	374.5
20' " " " "	5.3	374.2
W.L. Idaho	5.9	373.6

355' S. of El Cajon.

W.L. Idaho	5.9	373.6
20' W	5.1	374.4
40' "	4.9	374.6
60' "	4.8	374.7
80' "	4.7	374.8
100' "	4.7	374.8
120' W	4.5	375.0
132' "	4.5	375.0 on old ras.

335' S of El Cajon = angle pt of slope

132' W. of W.L. Idaho	4.7	374.8
120' " " " "	4.7	374.8
100' " " " "	4.8	374.7
80' " " " "	5.0	374.5
60' " " " "	4.9	374.6
40' " " " "	4.9	374.6
20' " " " "	5.4	374.1
5' " " " "	5.7	373.8
W.L. Idaho	6.1	373.4

4' W. of W.L. Idaho & 323' S. of El Cajon = Palm Tree.
315' S of " "

W.L. Idaho	6.0	373.5
5' W.	5.7	373.8
10' "	5.3	374.2
40' "	5.1	374.4
60' "	5.0	374.5
80' "	4.9	374.6
100' "	4.9	374.6
120' "	4.6	374.9
132' " = Toe slope	4.3	375.2

4' W. of W.L. Idaho & 302' S. of El Cajon = Palm Tree.

379.46

295' S. of El Cajon.

132' W. of W.L. Idaho		4.2	375.3
120' " " " "		4.7	374.8
100' " " " "		4.9	374.6
80' " " " "		4.9	374.6
(80' " " "	pit = 10' square in bottom of pit	12.3)	367.2 = hard pan.
60' " " "		5.1	374.4
40' "		5.0	374.5
20' "		5.3	374.2
5' "		5.4	374.1
W.L. Idaho		5.8	373.7

4' W. of W.L. Idaho and 279' S. of El Cajon = Palm Tree

275' " " "

W.L. Idaho		5.6	373.9
5' W		5.3	374.2
20' "		5.3	374.2
40' "		5.0	374.5
60' "		4.8	374.7
80' "		4.8	374.7
100' "		4.8	374.7
120' "		4.7	374.8
132' "		4.4	375.1

4' W. of W.L. Idaho and 257' S. of El Cajon = Palm Tree.

255' S. of El Cajon.

132' W. of W.L. Idaho		4.8	374.7
120' "		4.8	374.7
100' W		4.9	374.6
80' "		4.7	374.8
60' "		4.9	374.6
40' "		5.0	374.5
20' "		5.1	374.4
5' "		5.1	374.4
W.L. Idaho		5.4	374.1

235' S. of El Cajon.

W.L. Idaho		5.2	374.3
20' W		5.1	374.4
40' "		5.1	374.4
60' "		4.8	374.7
80' "		4.9	374.6
100' "		5.0	374.5
120' "		4.8	374.7
132' "		4.5	375.0

4' W. of W.L. Idaho & 234' S. of El Cajon = Palm Tree.

215' S. of El Cajon.

135' W. of W.L. Idaho		4.5	375.0
120' " " "		4.7	374.8
100' "		4.7	374.8
80' "		4.7	374.8
60' "		4.6	374.9
40' "		4.8	374.7
20		5.0	374.5
W.L. Idaho		5.0	374.5

379.46

4' N. of W.L. Idaho and 212' S. of El Cajon = Palm Trac
195' " " "

W.L. Idaho	4.9	374.6
30' W	4.8	374.7
40' "	4.8	374.7
60' "	4.7	374.8
80' "	4.5	375.0
100' "	4.6	374.9
120' "	4.8	374.7
134' "	4.5	375.0

4' W. of W.L. Idaho and 190' S. of El Cajon = Palm Trac

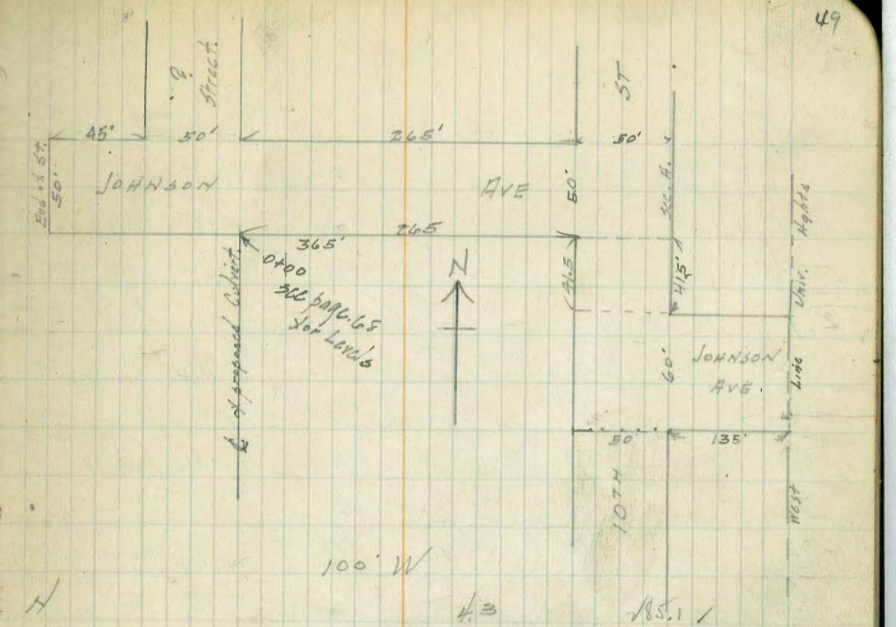
6/6/23 Gregory. CROSS SECTION OF JOHNSON AVE from the W.L. of University Hghts to ~ West End of Johnson

60' wd, 50' St's
10' cbs

	1.10	289.43	288.33	Spk in pole 5.56 of Pable Line

W. L. Univ. Hghts.

S	1.3	288.1	✓
cb	1.3	288.1	✓
+10 = cement cb of Johnson to East	1.39	288.0	
1/4	1.6	287.8	✓
+1	2.1	287.3	✓
C	1.9	287.5	✓
1/4	2.1	287.3	✓
cb	2.2	287.2	✓
N	2.2	287.2	✓
35' W.			
N	2.2	287.2	✓
cb	2.3	287.1	✓
1/4	2.3	287.1	✓
C	2.2	287.2	✓
1/4	2.5	286.9	✓
cb	2.4	287.0	✓
S	2.3	287.1	✓
55' W.			
S	2.3	287.1	✓
cb	2.6	286.8	✓
1/4	2.9	286.5	✓
C	2.9	286.5	✓
1/4	3.2	286.2	✓
cb	3.2	286.2	✓
N	3.4	286.0	✓



100' W

N	4.3	285.1	✓
cb	3.6	285.8	✓
1/4	3.8	285.6	✓
C	3.6	285.8	✓
1/4	2.7	286.7	✓
cb	2.5	286.9	✓
S	3.4	286.0	✓ ✓
135' W = EL. 10th St 50' wide 10' cbs			
S	5.9	283.5	✓
cb	5.8	283.6	✓
1/4	5.8	283.6	✓
C	5.5	283.9	✓
1/4	5.3	284.1	✓
cb	5.4	284.0	✓
N	5.2	284.2	✓ ✓ ✓

289.43

E. Curb

N	59	√83.5	✓	
cb	6.0	√83.4	✓	
1/4	6.2	√83.2	✓	
c	6.3	√83.1	✓	
1/4	6.5	√82.9	✓	
cb	6.4	√83.0	✓	
S	6.2	√83.2	✓	✓

E. Quarter

S	6.8	√82.6	✓	
cb	6.8	√82.6	✓	
1/4	7.0	√82.4	✓	
c	7.1	√82.3	✓	
1/4	6.8	√82.6	✓	
cb	6.4	√83.0	✓	
N	6.2	√83.2	✓	✓

Center 10th

N	6.6	√82.8	✓	
cb	6.9	√82.5	✓	
1/4	6.9	√82.5	✓	
c	7.3	√82.1	✓	
1/4	7.3	√82.1	✓	
cb	7.0	√82.4	✓	
S	6.9	√82.5	✓	✓

N. Quarter

S	7.3	√82.1	✓	

cb	7.6	√81.8	✓	
1/4	8.0	√81.4	✓	
c	8.3	√81.1	✓	
1/4	8.0	√81.4	✓	
cb	7.1	√82.3	✓	✓
N	6.8	√82.6	✓	

W. curb

N	7.6	√81.8	✓	
cb	8.3	√81.1	✓	
1/4	8.9	√80.5	✓	
c	9.3	√80.1	✓	
1/4	9.0	√80.4	✓	✓
cb	8.2	√81.2	✓	
S	8.0	√81.4	✓	

W. Line 10th St

-10	8.3	√81.1	✓	
S	9.1	√80.3	✓	
cb	9.7	√79.7	✓	
1/4	10.5	√78.9	✓	
c	10.8	√78.6	✓	
1/4	10.5	√78.9	✓	
cb	9.4	√80.0	✓	
+3	10.1	√79.3	✓	✓
N	9.3	√80.1	✓	

10' W.

N	10.7	√78.7	✓	

√89.43

cb	11.2	√78.2	✓
¼	13.0	√76.4	✓
c	13.2	√76.2	✓
¼	12.8	√76.6	✓
cb	11.8	√77.6	✓
S	10.4	√79.0	✓

Section across 10th St 10' N. of N.L. Johnson

-10	8.3	√81.1	✓ steps on house
W	8.1	√81.3	✓
cb	7.1	√82.3	✓
¼	6.6	√82.8	✓
c	6.2	√83.2	✓
¼	6.2	√83.2	✓
cb	5.3	√84.1	✓
E	5.0	√84.4	✓

JOHNSON AVE AGAIN 50' wide this time

E.L. 10th St. = Sec. A, 10' cbs

S	5.0	√84.4	✓
cb	4.7	√84.7	✓
¼	4.7	√84.7	✓
c	4.3	√85.1	✓
¼	4.8	√84.6	✓
cb	5.0	√84.4	✓
N	5.2	√84.2	✓

E cb.

N	5.2	√84.2	✓
cb	5.2	√84.2	✓
¼	5.0	√84.4	✓
c	4.8	√84.6	✓
¼	4.9	√84.5	✓
cb	5.0	√84.4	✓
S	4.8	√84.6	✓

E. Quarter

S	5.3	√84.1	✓
cb	5.3	√84.1	✓
¼	5.0	√84.4	✓
c	5.0	√84.4	✓
¼	5.2	√84.2	✓
cb	4.9	√84.5	✓
N	5.1	√84.3	✓

Center

N	5.0	√84.4	✓
cb	5.1	√84.3	✓
¼	5.3	√84.1	✓
c	5.3	√84.1	✓
¼	5.4	√84.0	✓
cb	5.4	√84.0	✓
S	5.6	√83.8	✓

W Quarter

S	5.8	√83.6	✓
cb	5.5	√83.9	✓
¼	5.4	√84.0	✓

	289+43		
C	5.5	√83.9	
1/4	5.4	√84.0	
CL	5.3	√84.1	
N	5.1	√84.3	
	W curb		
N	5.3	√84.1	
CL	5.5	√83.9	
1/4	5.7	√83.7	
C	5.7	√83.7	
1/4	5.7	√83.7	
CL	5.8	√83.6	
S	5.9	√83.5	
	W.L. 10+4		
S	6.7	√84.7	
+3	5.9	√83.5	
CL	6.3	√83.1	
1/4	6.1	√83.3	
C	6.0	√83.4	
1/4	6.0	√83.4	
CL	5.9	√83.5	
N	5.4	√84.0	
	50' West		
N	6.5	√84.9	
+4	6.6	√84.8	
+5	7.6	√81.8	
CL	7.7	√81.7	

1/4	8.2	√81.4
C	8.4	√81.0
1/4	8.7	√80.7
CL	8.8	√80.6
+5	8.9	√80.5
S	10.0	√79.4
+10	10.4	√79.0
	100' West	
-10	13.5	√75.9
S	12.1	√77.3
+4	10.5	√78.9
CL	10.4	√79.0
1/4	10.4	√79.0
C	10.4	√79.0
1/4	9.8	√79.6
CL	9.5	√79.9
+5	8.3	√81.1
N	8.2	√81.2
	115' W.	
N	8.4	√81.0
CL	9.9	√79.5
1/4	10.5	√78.9
C	10.8	√78.6
1/4	10.8	√78.6
CL	11.1	√78.3
S	11.6	√77.8
+5 = front of garage	11.7	on door √77.7

		289.43		
		150' W		
-5			12.3	√77.1
S			12.1	√77.3
cb			11.6	√77.8
1/4			11.7	√77.7
C			11.5	√77.9
1/4			11.4	√78.0
cb			11.1	√78.3
+3			10.8	√78.6
+7			8.8	√80.6 = lawn
N			8.7	√80.7 = "
		182.5' W.		
N = on cement walk to house			9.93	√79.4
+3 = end of " " "			10.10	√79.3
+6			11.9	√77.5
cb			12.3	√77.1
1/4			12.3	√77.1
C			12.5	√76.9
1/4			12.4	√77.0
cb			12.4	√77.0
S = edge lawn			12.7	√76.7
+5			12.8	√76.6
T.P.	12.74	279.54	12.63	276.80
		300' W		
-5			3.7	√75.8
S			3.6	√75.9
cb			3.5	√76.0
1/4			3.4	√76.1
C			3.4	√76.1
1/4			3.2	√76.3
cb			3.8	√76.7
+4			2.5	√77.0
+7 = lawn			1.0	√78.5
N = "			0.9	√78.6
		335' W.		
N			4.1	√75.4
cb			4.4	√75.1
1/4			4.6	√74.9
C			4.6	√74.9
1/4			4.7	√74.8
cb			4.9	√74.6
S			5.2	√74.3
+5 = cement walk			4.7	√74.8
		250' W		
-5			6.6	√72.9
S			6.4	√73.1
cb			5.9	√73.6
1/4			6.0	√73.5
C			5.7	√73.8
1/4			5.6	√73.9
cb			5.6	√73.9
N			5.8	√73.7

279.54

265' W. = E.L. ? St 50' wide 10 cbs

N	6.7	477.8
cb	6.3	473.2
1/4	6.2	473.3
c	6.1	473.4
1/4	6.0	473.5
cb	6.0	473.5
S	6.5	473.0
+5	6.6	477.9

E. cb.

-5	6.7	477.8
S	6.6	477.9
cb	6.0	473.5
1/4	5.9	473.6
c	6.2	473.3
1/4	6.3	473.2
cb	6.6	477.9
N	6.8	477.7

E Quarter

N	6.7	477.8
cb	6.5	473.0
1/4	6.5	473.0
c	6.0	473.5
1/4	5.9	473.6
cb	6.1	473.4
S	6.7	477.8
+5	6.6	477.9

center

-5	6.6	477.9
S	6.6	477.9
cb	6.2	473.3
1/4	6.1	473.4
c	6.1	473.4
1/4	6.5	473.0
cb	6.6	477.9
N	6.8	477.7

W Quarter

N	6.7	477.8
cb	6.4	473.1
1/4	6.3	473.2
c	6.2	473.3
1/4	6.2	473.3
cb	6.4	473.1
S	6.7	477.8

W Curb

S	6.8	477.7
cb	6.6	477.9
1/4	6.4	473.1
c	6.4	473.1
1/4	6.4	473.1
cb	6.4	473.1
N	6.4	473.1

279.54

W. Line ? St

N		6.1	√73.4 ✓
cb		6.6	√71.9 ✓
1/4		6.4	√73.1 ✓
C		6.4	√73.1 ✓
1/4		6.5	√73.0 ✓
cb		6.7	√72.8 ✓
S		6.9	√71.6 ✓
	45° W. = End of St.		
S		6.6	√71.9 ✓
cb		6.3	√73.2 ✓
1/4		6.2	√73.3 ✓
C		6.0	√73.5 ✓
1/4		5.7	√73.8 ✓
cb		5.5	√74.0 ✓
N		5.2	√74.3 ✓

6/6/23 Gregory CROSS SECTION OF WITHERBY ST from NL SUNSET TO NL Whitman

odd widths 10' cbs

	1.62	262.64	261.02	BP NE Witherby 455.

SECTION A.

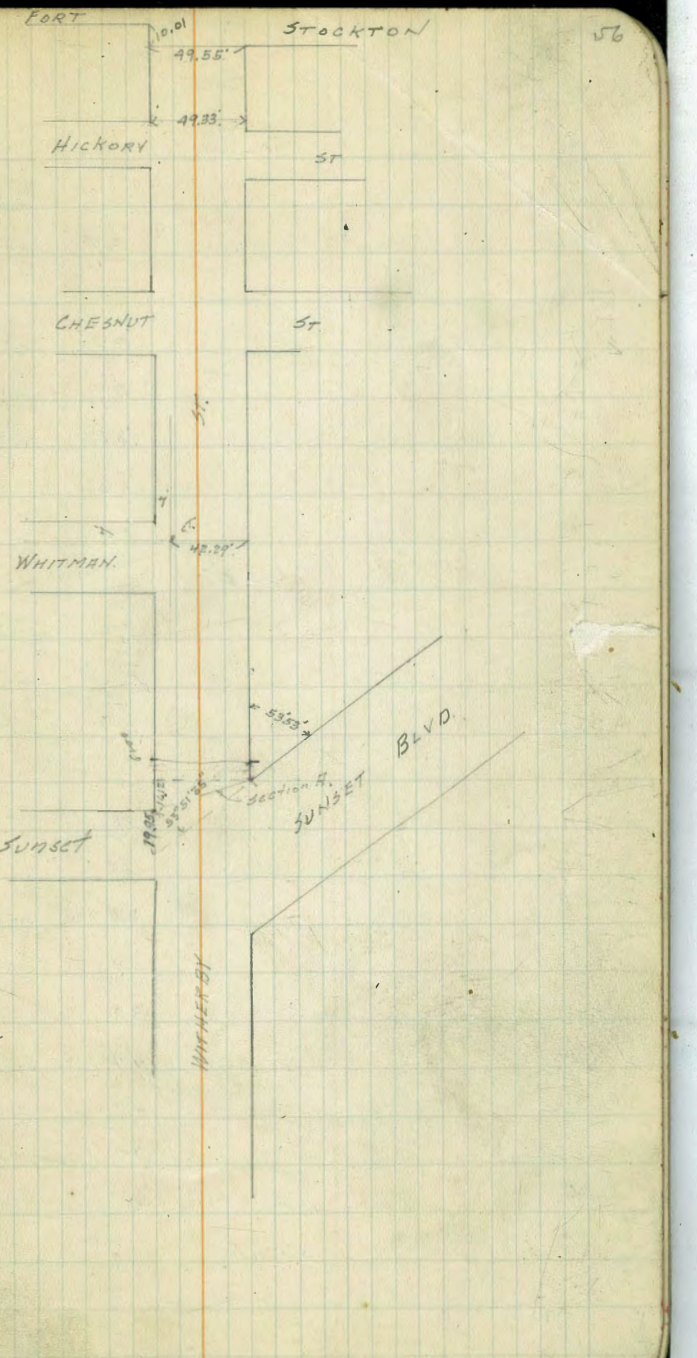
W		1.3	261.3
cb		1.8	260.8
1/4		2.2	260.4
C		2.6	260.0
1/4		2.8	259.8
cb		2.9	259.7
E		2.5	260.1

23.5' N of Sect A on W.
8.88' " " " E = 0+00

E		2.2	260.4
cb		3.0	259.6
1/4		3.2	259.4
C		2.9	259.7
1/4		3.0	259.6
cb		3.4	260.2
W		2.0	260.6

0+15

W		3.3	259.3
cb		3.4	259.2
1/4		3.2	259.4
C		3.3	259.3
1/4		3.3	259.3
cb		3.0	259.6
E		2.4	260.2



	0+44		
E		4.9	259.5
cb		3.5	259.1
+1		3.8	258.8
1/4		3.7	258.9
C		3.7	258.9
1/4		3.6	259.0
cb		3.5	259.1
W		3.4	259.2
	0+48		
W		1.9	260.7
cb +3		3.4	259.2
cb		3.9	258.7
	0+70		
W		2.8	259.8
+7		3.8	258.8
cb		3.8	258.8
1/4		3.9	258.7
C		3.8	258.8
1/4		4.2	258.4
+6.5		4.1	258.5
cb		3.7	258.9
E		3.1	259.5
	0+95		
E		3.5	259.1
cb		3.9	258.7

+1		4.4	258.2
1/4		4.4	258.2
C		4.1	258.5
1/4		3.7	258.9
cb		8.1	254.5
W		9.6	253.0
+20		12.8	249.8
	1+10		
-20		14.1	248.5
W		11.0	251.6
cb		8.3	254.3
+5		7.4	255.2
1/4		5.7	256.9
+5		3.6	259.0
C		4.2	258.4
1/4		4.6	258.0
+6.5		4.6	258.0
cb		3.9	258.7
E		3.5	259.1
cb - walk in on E side from bore. north.		1+40	
E curb line		5.0	257.6
- 1/4		5.0	257.6
C		4.5	258.1
+2		4.5	258.1
1/4		8.2	254.4
cb		10.9	251.7

W	13.5	249.1
+15	16.1	246.5
+25	19.9	242.7
1+65		
-35	27.9	232.7
-10	17.9	244.7
W	15.3	247.3
cb	12.9	249.7
1/4	8.7	253.9
+5	4.8	257.8
c	4.8	257.8
1/4	5.3	257.3
cb	5.1	257.5
1+85		
E cb line	5.6	257.0
1/4	5.4	257.2
c	5.2	257.4
+2.5	5.2	257.4
1/4	8.8	253.8
cb	13.3	249.3
+5	17.7	244.9
W	18.6	244.0
+7	20.3	242.3
+35	29.8	232.8
+45	34.4	228.2

15 c. ox next one.

1+92		
60' W. ox W. L	42.2	220.4
40' " " "	34.2	228.4
W.L.	19.1	243.5
2+07		
-40	27.2	235.4
+25	24.6	238.0
W	19.7	242.9
+3	18.3	244.3
cb	14.1	248.5
1/4	9.5	253.1
+6	5.5	257.1
c	5.5	257.1
1/4	5.7	256.9
cb	5.9	256.7
2+35		
E cb	6.1	256.5
1/4	6.0	256.6
c	5.7	256.9
+2	5.4	257.2
1/4	9.5	253.1
cb	13.9	248.7
W	16.0	246.6
+20	15.9	246.7

+90.			
	2+65		
-20		14.7	247.9
W		13.0	249.6
cb		12.0	250.6
	2+75 = SL Whitman St	50' wide 16' cbs	
-20		14.8	247.8
W		12.9	249.7
cb		11.5	251.1
℄		7.1	255.5
+4		6.2	256.4
c		6.3	256.3
℄		6.6	256.0
cb		6.3	256.3
	S. Curb		
E cb Line		6.4	256.2
℄		6.6	256.0
c		6.4	256.2
℄		6.3	256.3
cb		11.0	251.6
W		12.2	250.4
+15		14.0	248.6
	S Quarter		
-15		13.2	249.4
W		11.3	251.3
cb		9.5	253.1
℄		6.1	256.5

c	6.4	256.2
℄	6.7	255.9
cb	6.4	256.2
Center		
E cb Line	6.5	256.1
℄	6.8	255.8
c	6.3	256.3
℄	5.9	256.7
cb	6.4	256.2
W	6.8	255.8

Graded privately from S north.

6/15/23 Gregory. CROSS SECTION OF DWIGHT ST E.L. Alabama to W.L. Mississippi 60' wide 10' CBS

+4		10.73	266.69	255.96	BR. NE Ala. + Dwight
			E.L. Alabama.		
	N/			10.0	256.7
	cb/			10.6	256.1
	1/4			10.4	256.3
	c			10.7	256.0
	1/4			10.7	256.0
	cb			10.6	256.1
	S			10.2	256.5
			10' E		
	S			9.4	257.3
	cb			9.4	257.3
	1/4			9.4	257.3
	c			9.2	257.5
	1/4			9.1	257.6
	cb			9.0	257.7
	N			8.9	257.8
			40' E		
	N			5.3	261.4
	+5			7.0	259.7
	cb			7.2	259.5
	1/4			7.2	259.5
	c			7.1	259.6
	1/4			7.7	259.0
	cb			8.1	258.6
	S			7.8 (?)	258.9
	+6			6.1	260.6

266.69 A.L. 60

		50' E	
	-5	6.0	260.7
	S	7.2	259.5
	cb/	7.8	258.9
	1/4	7.7	259.0
	c	7.3	259.4
	1/4	6.7	260.0
	cb/	6.7	260.0
	+6	6.5	260.2
	+8	5.5	261.1
	N/	+2.3	269.0
		75 E	
	N/	+3.5	270.2
	+2	+3.5	270.2
	+3	5.9	260.8
	cb/	6.5	260.2
	1/4	6.7	260.0
	c	7.0	259.7
	1/4	6.7	260.0
	cb/	6.9	259.8
	S	6.1	260.6
	+1	+3.4	270.1
		85 E	
	-1	+3.8	270.5
	S	5.4	261.3
	+4	6.5	260.7

	26669			
cb			6.7	260.0
1/4			6.5	260.2
c			6.4	260.3
1/4			6.5	260.2
cb			6.4	260.3
+9			5.7	261.0
N			+4.0	270.7
		85'E		
-1			+4.0	270.7
N			5.7	261.0
cb			6.4	260.3
1/4			6.5	260.2
c			6.5	260.2
1/4			6.5	260.2
cb			6.7	260.0
+6			6.4	260.3
5			5.4	261.3
+1			+3.8	270.5
		93'E		
-1			+4.3	271.0
5			5.3	261.4
cb			6.5	260.2
1/4			6.1	260.6
c			6.1	260.6
1/4			6.0	260.7
cb			6.1	260.6

9/26/65

N		5.5	261.2
+1		+4.5	271.2
	100'E		
-1		+5.0	271.7
N		5.1	261.6
cb		5.6	261.1
1/4		5.7	261.0
c		5.7	261.0
1/4		6.0	260.7
cb		6.3	260.4
+8		5.3	261.4
5		+4.8	271.5
	122'E		
5		+5.9	272.6
+5		+5.9	272.6
+6		4.1	262.6
cb		5.4	261.3
1/4		5.2	261.5
c		4.9	261.8
1/4		4.8	261.9
cb		4.1	262.6
N		4.0	262.7
+2		+6.5	273.2
	123'E		
N		+6.6	273.3
+1		2.6	264.1

		266.69		
cb			3.9	262.8
1/4			4.8	261.9
c			4.9	261.8
1/4			5.2	261.5
cb			5.4	261.3
+4			4.1	262.6
+5			+5.9	272.6
S			+5.9	272.6
		150' E		
S			+7.2	273.9
+6			+7.4	274.1
+8			3.8	262.9
cb			4.3	262.4
1/4			4.6	262.1
c			4.0	262.7
1/4			4.1	262.6
cb			4.0	262.7
+3			2.2	264.5
+4			+7.8	274.5
N			+7.8	274.5
T.P.	12.08	278.49	0.28	266.41
		175' E		
N			5.9	272.6
+0.3			15.2	263.3
cb			15.3	263.2
1/4			15.2	263.3

		15.3 +9	11.2 3.8 7.4	278.49
c			15.4	263.1
1/4			15.9	262.6
cb.			15.6	262.9
+2			3.3	275.2
S			3.3	275.2
		196' E		
S			2.6	275.9
+9			2.4	276.1
cb			14.8	263.7
1/4			15.1	263.1
c			14.7	263.8
1/4			13.9	264.6
cb			12.9	265.6
+5			11.3	267.2
+6			2.1	276.4
N			2.3	276.2
		203' E		
N			2.0	276.5
+8			2.2	276.3
+9			9.7	268.8
cb			10.2	268.3
1/4			12.7	265.8
c			13.3	265.2
1/4			11.4	267.1
+6			9.0	269.5
+8			2.0	276.5

		278.49		
cb			2.2	276.3
S			2.2	276.3
		209' E		
S			2.1	276.4
cb			1.9	276.6
1/4			1.7	276.8
C			1.7	276.8
1/4			2.3	276.2
cb			2.3	276.2
N			2.0	276.5
T.P.	5.98	282.42	2.05	276.44
		242' E		
N			4.8	277.6
cb			5.2	275.2
1/4			5.1	275.3
C			4.8	277.6
1/4			4.7	277.7
cb			4.8	277.6
S			4.8	277.6
		273' E		
S			4.0	278.4
cb			4.0	278.4
1/4			4.1	278.3
C			4.3	278.1
1/4			4.4	278.0
cb			4.6	277.8

282.42

N		4.3	278.1
	276' E = W.L. Mission 1691		
N		7.1	275.3
cb		7.1	275.3
1/4		7.1	275.3
C		7.1	275.3
1/4		7.0	275.4
cb		6.4	276.0
S		6.9	275.5
Oak B.M.		6.94	275.48 (=275.47) SE Mission Dwight

6/15/23 Gregory. CROSS SECTION OF A PORTION OF 8th St from S.L. of Robinson 66' wide 13' cbs

BF N/L 8th Rob

151 27.646 374.95

Curb ENDS at S.L. Robn produced east.

Return at S.W. cor. Robn + 8th 13 12.5 x 12.5

S.L. Robinson on West.

W		2.4	274.1
cb		2.8	273.7
1/4		3.7	272.8
C		4.0	272.5
1/4		4.2	272.3
cb		4.4	272.1
E		3.4	273.1
	+ 11 | 5		
E		4.8	271.7
cb		5.0	271.5
1/4		5.3	271.2
C		4.7	271.8
1/4		4.6	271.9
cb		3.9	272.6
W		3.4	273.1
	+ 16 | 5		
W		4.1	272.4
cb		4.8	271.7
1/4		5.1	271.4
C		5.2	271.3
1/4		5.7	270.8
cb		5.5	271.0

8th 64

276.46

+5		6.1	270.4
+8		12.3	264.2
+11.5 = End of Iron pipe			
E		13.5	263.0
+7		10.3	266.2
+15		11.6	264.9
T.P.	7.99 272.03	12.42	264.04 7.99
	+ 29 | 5		
-25		13.3	258.7
-15		11.6	260.4
-2		9.9	262.1
E		5.8	266.2
+8		2.8	269.2
CO		2.3	269.7 X
1/4		2.3	269.7
C		2.1	269.9
1/4		1.8	270.2
cb		1.4	270.6 X
+4		1.1	270.9
W		1.4	270.6
	+ 40 | 5		
W		2.1	269.9
+9		1.8	270.2
CO		2.5	269.5 X
1/4		2.9	269.1
C		2.9	269.1

272.03

1/4		3.0	269.0
cb		3.3	268.7
+3		3.6	268.4
E		8.7	263.3
+5		12.0	260.0
+20		17.6	254.4
+30		18.5	253.5
	47'5		
-35		21.4	250.6
-22		19.3	252.7
-10		15.3	256.7
E		10.0	262.0
+10		3.8	268.2
cb		3.6	268.4
1/4		3.4	268.6
C		3.3	268.7
1/4		3.3	268.7
cb		3.0	269.0
+4		2.1	269.9
+11		2.2	269.8
W		3.7	268.3
+5		7.9	264.1
+15		11.9	260.1
	65'5		
-22		18.4	253.6
-9		12.7	259.3

272.03 8th St 12.7 65

W		6.7	265.3
+5		3.2	268.8
+10		2.6	269.4
cb		3.4	268.6
1/4		3.8	268.2
C		4.1	267.9
1/4		4.2	267.8
cb		4.4	267.6
+3		4.5	267.5
E		10.6	261.4
+15		20.7	251.3
+25		25.6	246.4
+45		28.0	244.0
	85'5 = N.L Robi on E. 60 mids to cbs		
-45		29.4	242.6
-32		28.3	243.7
-17		20.8	251.2
E		10.0	262.0
+7		5.6	266.4
cb		5.6	266.4
1/4		5.2	266.8
C		4.8	267.2
1/4		4.5	267.5
+5		4.4	267.6
cb		3.0	269.0
+4		4.2	267.8

272.03

W		10.2	261.8
+17		19.3	252.7
+27		21.6	250.4
	✓ N. Curb		
-35		24.2	247.8
-22		22.4	249.6
W		11.3	260.7
+9		4.4	267.6
cb		3.8	268.2
+5		4.7	267.3
1/4		4.9	267.1
c		5.2	266.8
1/4		5.3	266.7
cb		5.9	266.1
+11		7.5	264.5
E		8.5	263.5
+10		14.3	257.7
+22 + 6' 3= outlet of 10" C.P.			
+25		22.8	249.2
+30		24.4	247.6
	✓ N. 1/4		
10		10.4	261.6
E		8.5	263.5
cb		6.4	265.6
1/4		5.8	266.2
c		5.3	266.7
1/4		5.1	266.9

Inlet ox 12" C.P. under 8th St is 8th
4.7' S. ox N. Cb + 32' W ox W.L

272.03

+4		5.0	267.0
cb		3.8	268.2
+3		4.2	267.8
W		11.2	260.8
+20		21.8	250.2
+30		23.8	248.2
	✓ center		
-23		19.3	252.7
-13		18.1	253.9
W		10.4	261.6
+7		5.9	266.1
cb		4.5	267.5
+4		5.2	266.8
1/4		5.3	266.7
c		5.4	266.6
1/4		5.8	266.2
cb		6.6	265.4
E		9.0	263.0
+10		10.6	261.4
	✓ S 1/4		
-15		11.8	260.2
E		8.8	263.2
+9		6.8	265.2
cb		6.7	265.3
1/4		6.0	266.0
c		5.6	266.4

	272.03		
¼		5.6	266.4
cb		5.5	266.5
+7		5.3	266.7
W		9.2	262.8
+22		15.2	256.8
	~ S. Curb		
W		5.7	266.3
cb		5.8	266.2
¼		5.7	266.3
C		5.7	266.3
¼		6.1	265.9
+7		6.2	265.8
cb		6.7	265.3
E		8.1	263.9
+10		10.0	262.0
	SL Robinson on E		
E		6.2	265.8
+3		6.8	265.2
cb		6.7	265.3
N. End cement cb on E		7.07	264.96
Inlet 10" C.P. here			
¼		5.9	266.1
C		5.5	266.5
¼		5.6	266.4
cb		5.7	266.3
W		5.5	266.5

N. end of curb on W. 105' S. of SL Robin (on East)
S. " " " " 255' " " " "
Curb in on E Side SL Robin (on East) to 185' S
" out " " 185' S. of " " " to 235' "
" in " " 235' " " " to 285' "
Perm. Out on 37.65 S. of last above but curb not in.
Curb paved to 335' S. of SL Robin (on E) on East Side
" " " 355' " " " " West "

7/31/23 Gregory. Levels on proposed culvert (drain) Johnson Ave. W. of 10th St. 275.48
see page 49 for Location
Jacobs is owner of property.

	0.66	275.48		274.8 on side walk
0+00 = S.L Johnson Ave.			2.4	273.1 ✓
0+15			2.9	272.6 ✓
+18			5.2	270.3 ✓
+65			10.1	265.4 ✓
+68			12.7	262.8 ✓
+77			13.1	262.4 ✓
T.P.	−0.01	262.59	12.88	262.60
+79			2.3	260.3 ✓
+91			3.8	258.8 ✓
+93			6.0	256.6 ✓
1+00			6.7	255.9 ✓
1+01			8.2	254.4 ✓
1+35	↓		13.6	249.0 ✓
T.P	0.65	253.29	9.95	252.64
+36			9.5	243.8 ✓
+48			14.6	238.7 ✓
+67			20.3	233.0 ✓
+70			24.2	229.1 ✓

7/31/23 Levels on Curb B St at 31st

Gregory

	4.55	211.29	206.74	BP. NW 31st + B.
		WL 31st.		
S. Curb. no return at S.W cor.		6.30	204.99	
N ✓		4.54	206.75	
		25' W		
N curb		5.07	206.22	
S ✓		6.91	204.38	
		50' W		
S curb		7.51	203.78	
N ✓		5.61	205.68	
		75' W		
N curb		6.43	204.86	
S ✓		8.14	203.15	
S gutter = Top of Downpipe.	97' W = CB on S.	9.30	201.39	
	100' W			
S curb		8.01	203.28	
N ✓	116 W = CB on N.	6.82	204.45	
N ✓ gutter = Top of C.B.		6.26	205.03	
	125' W	7.46	203.83	
N curb		6.64	204.65	
S ✓		8.03	203.26	
	150' W			
S curb		7.47	203.82	
N ✓		6.01	205.28	
	175' W			
N curb		5.33	205.96	
S ✓		6.70	204.59	

211.29

200' W = break.

S curb	5.70	205.59
N ✓	4.42	206.87
No return on S.E. cor. E.L 31st		
S curb	5.29	206.00
	12.5 E	
S curb	5.01	206.28
	25' E	
S curb	4.63	206.66
	50' E	
S. curb	4.03	207.26

Curb in on S. Side from EL Edgemont to 95' E

Need 12" of curb and B. return for Alley return on S Side B. W. side of Alley

Curb in on N side from E.L Edgemont to 815' E

Alley intersection on N. is paved.

Alley on S. bet 31st + Edgemont needs 10' of curb on each side from Prop Line to 4'3 of S Curb.

Alley on N. bet 31st + Edgemont needs 12' of curb on each Sides of Alley from N.L. of B to 2' N. of N. Cb Line

28 - 29
14m

35
45
60
70
76

19.0

JoW 21.6
30 19.3

EL. H.
+10
40
50
63 76
85 93
100
123
150
171
196
203
208
211
242
273
296

48

15 + 21.93
48.
14.8
15 84.73 C6.

47.70

15.+21.93
95.99
16+17.92

18
16
~~40~~
29
40
47
65
85

21.7
5.0
27

19 16.3
33 17.3