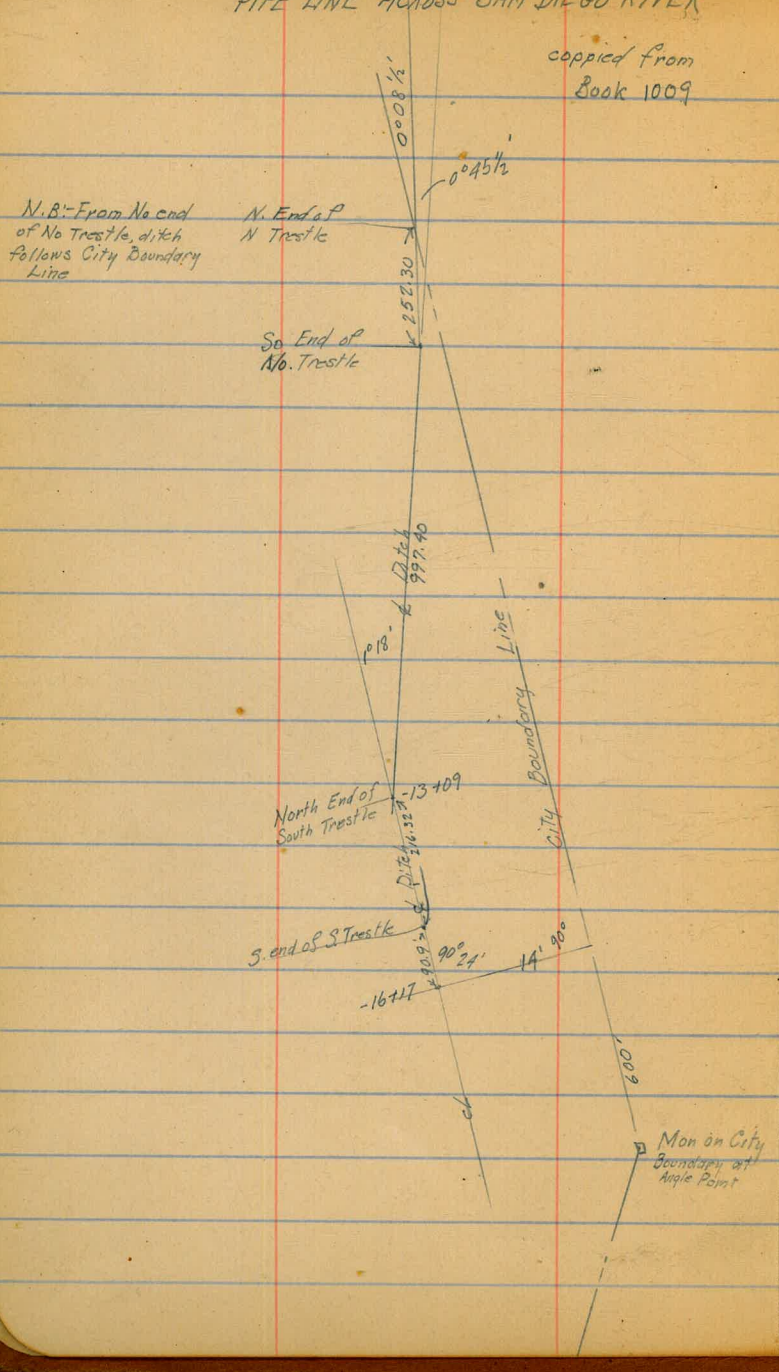
1023

TRANSIT-BOOK
1309

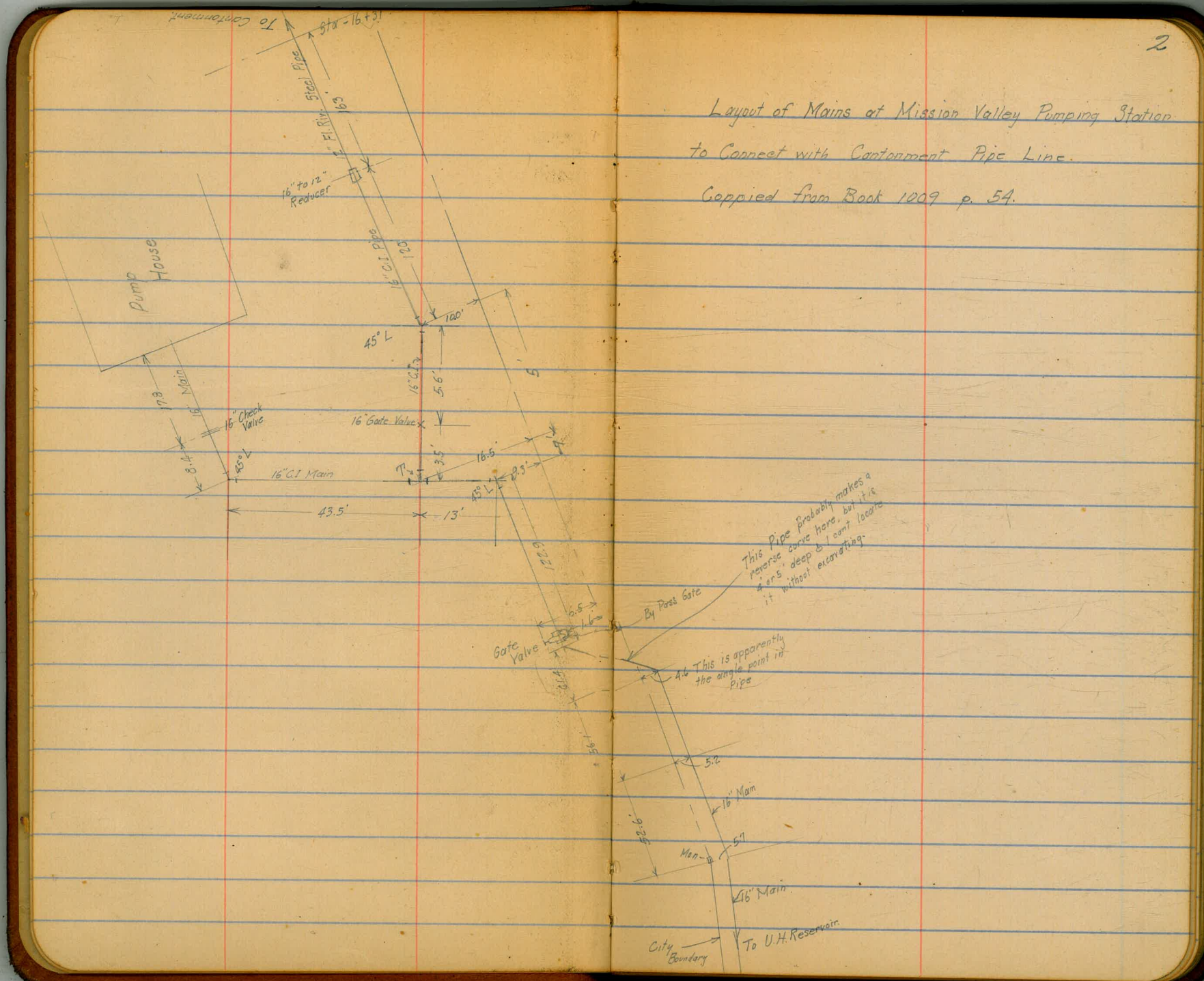
LOCATION OF CANTONMENT PIPE LINE ACROSS SAN DIEGO RIVER

copied from Book 1009



Layout of Mains at Mission Valley Pumping Station to Connect with Contonment Pipe Line.

Coppied from Book 1009 p. 54.



Final Survey of Cantonment Pipe Line

(Copy) B 1009 p 58.

-16+31

-17+74.20

-17+92.2

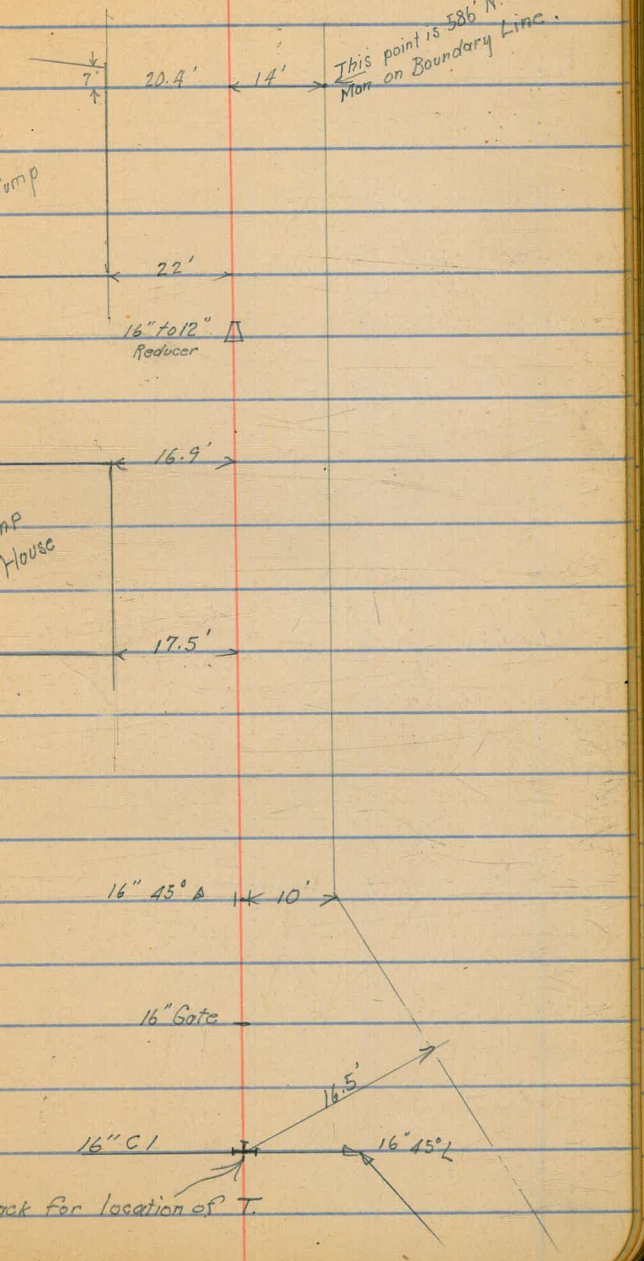
-18+25.4

-18+62.4

-19+12.2 45° L

-19+17.8

-19+21.3



0+00

-0+60.08 Δ 0° 08½' L

-0+70

-1+00

-3+12.38 Δ 0° 43½' L

-4+97.5

-9+25.5

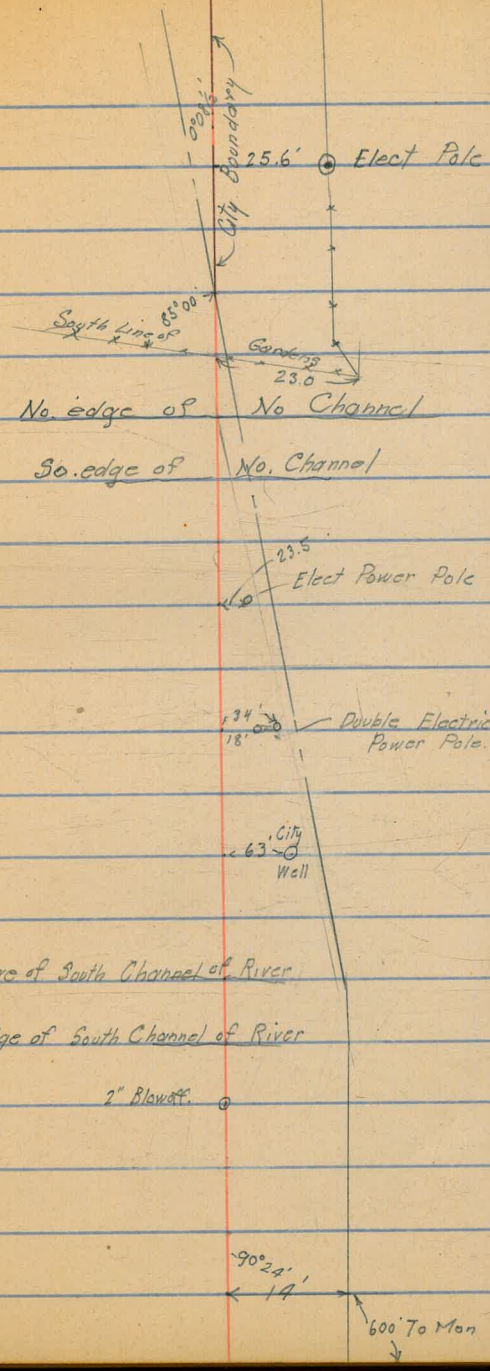
-10+28

-13+09.78 Δ 1° 18' R

-15+26

-15+31

-16+17 Δ 0° 28' R



7+20

6+44

5+99.5

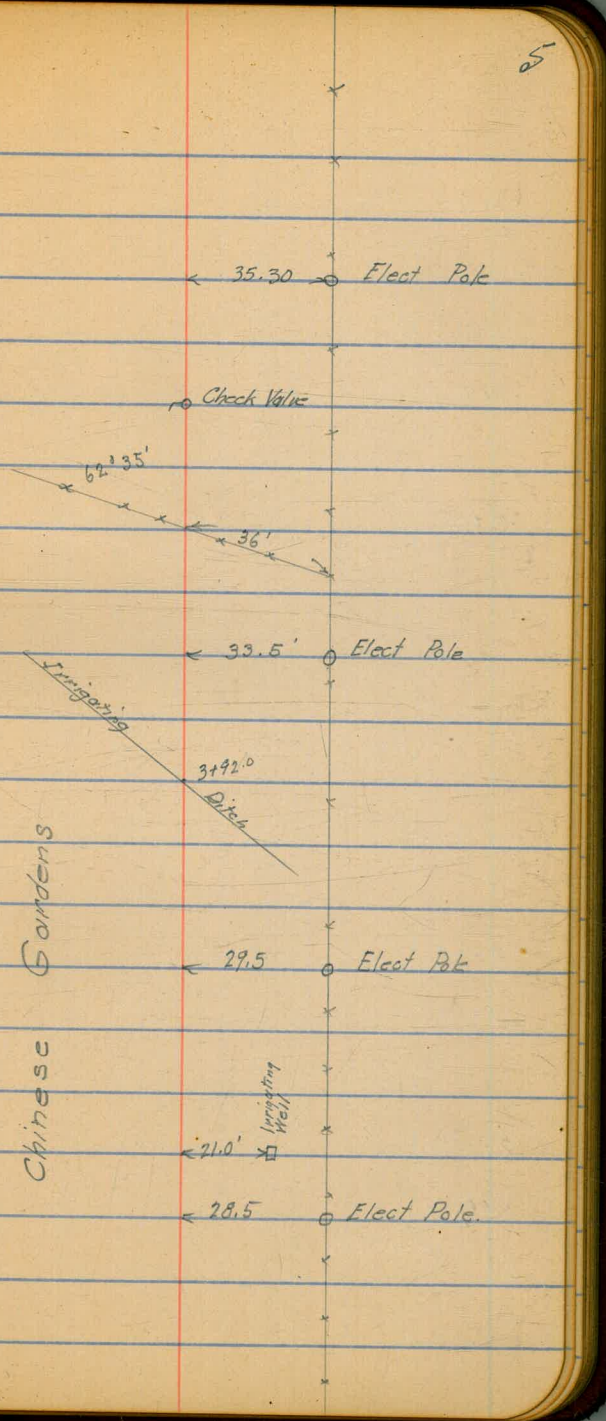
5+71

3+92

3+51

1+57

1+48



15+51

12+79

12+74

12+10

11+79

10+85.5

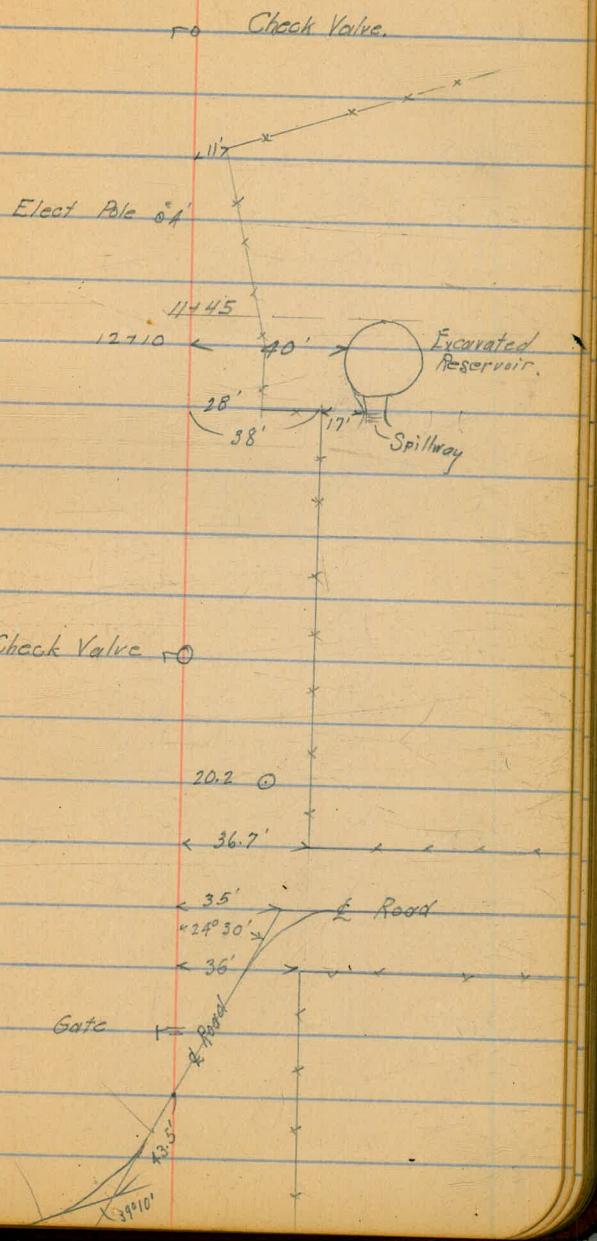
9+25

9+12.5

8+72.4

8+61.2

8+27



26+24 — Elect Pole ⊙ 4.5

23+23 — Elect Pole ⊙ 4.5

20+23 — Elect Pole ⊙ 4.5

18+50 — ⊙ Blowoff.

18+00 — Pipe is exposed here for 20' & is on good place to slough off during rains – Should be braced

17+65 — ⊙ Check Valve

16+24 — Elect Pole ⊙ 4.5

15+93 — ⊙ 2" Blowoff.

36+62.3

35+81

35+41

33+80

32+24.5

32+00

31+00

28+75

28+00

Check Valve

5'

2" Blowoff

2" Blowoff

Elec Pole 3.1'

70.5'

66'

4'x4" Post Marked
PL Line on SE
1184 " SW.

5.5'

El. Pole 4.5

1" Check Valve

53 + 75

51 + 97.5

50 + 74.6

47 + 99.3

46 + 76

42 + 74.5

39 + 25.3

36 + 99

Pole ○ 4.5 >

○ 2" Blowoff

Pole ○ 5' >

Line ○ Check Valve

Pole ○ 4.5 >

○ 5' >

Power

Pole ○ 5' >

○ 2" Blowoff

71+53

68+27

67+99

67+88.4

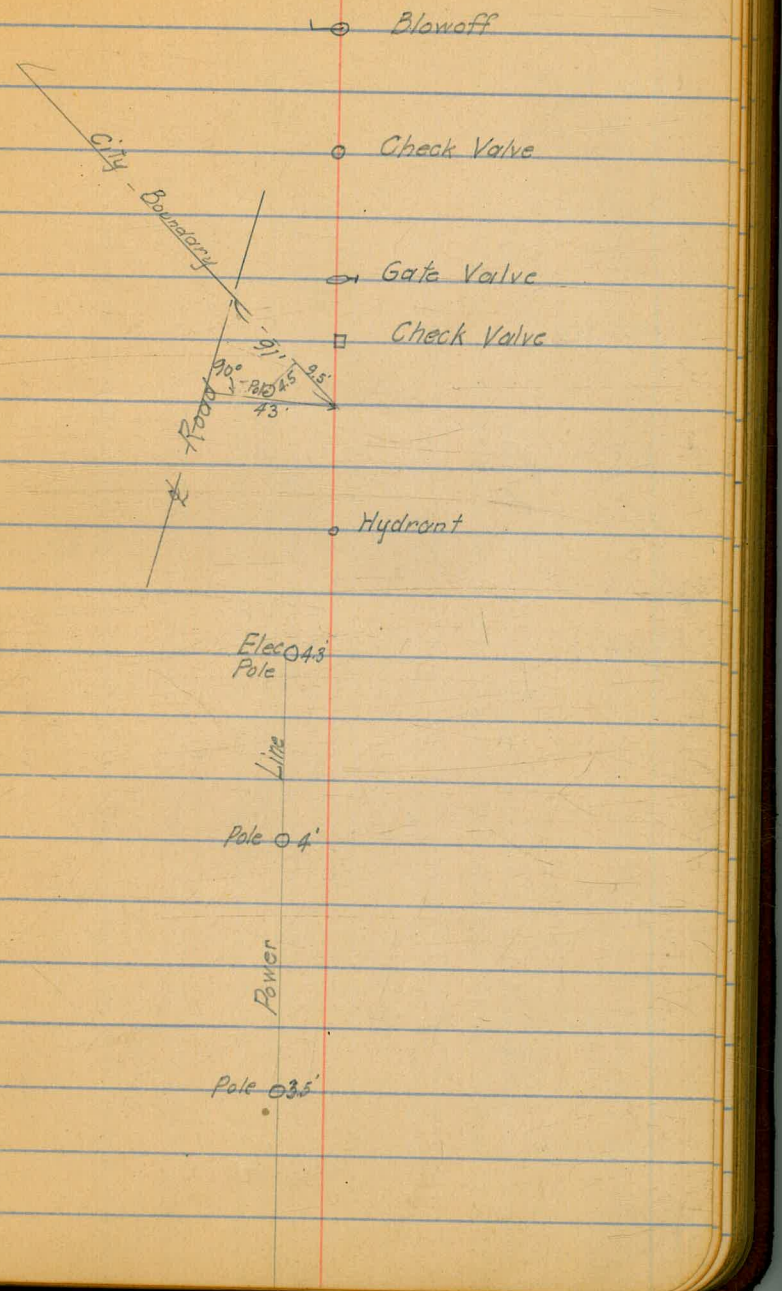
66+56.9 Δ 43° 35' R

66+38

64+26

60+76.5

57+25.3



92+79.0

91+22.5

89+64.0

88+07.0

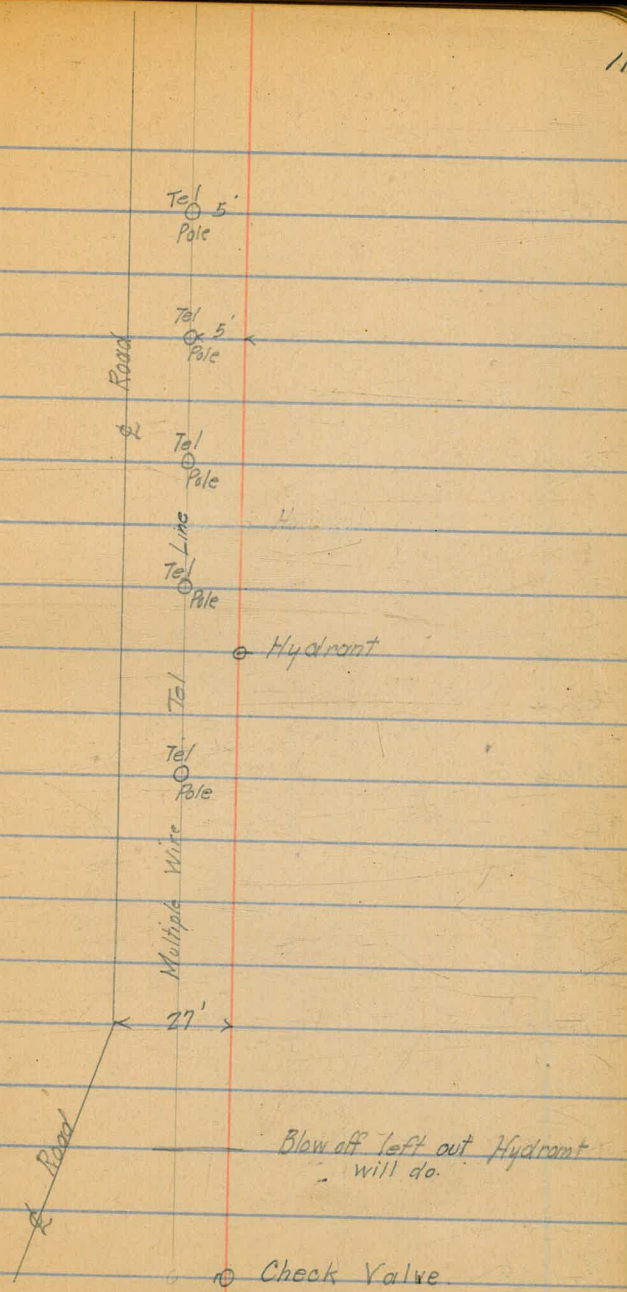
87+28.0

86+81.0

86+38.5

84+98.5

80+03.5



109 + 16

108 + 66.3

108 + 31.0

108 + 27.5 △ 16° 30' Left.

107 + 10.5

105 + 98.5

105 + 48.5

103 + 89

102 + 25.5

100 + 62.5

99 + 04.5

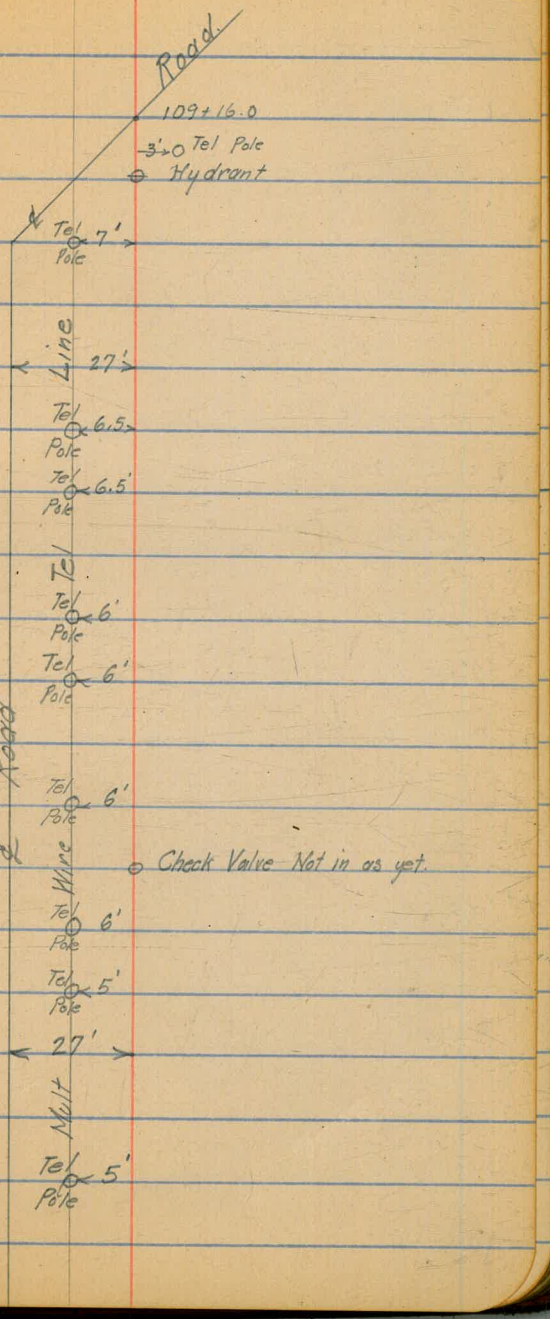
98 + 08.5

97 + 47.0

95 + 89.0

94 + 98.5

94 + 28.7



128+72.4

128+62.4

128+39.1

127+80.7

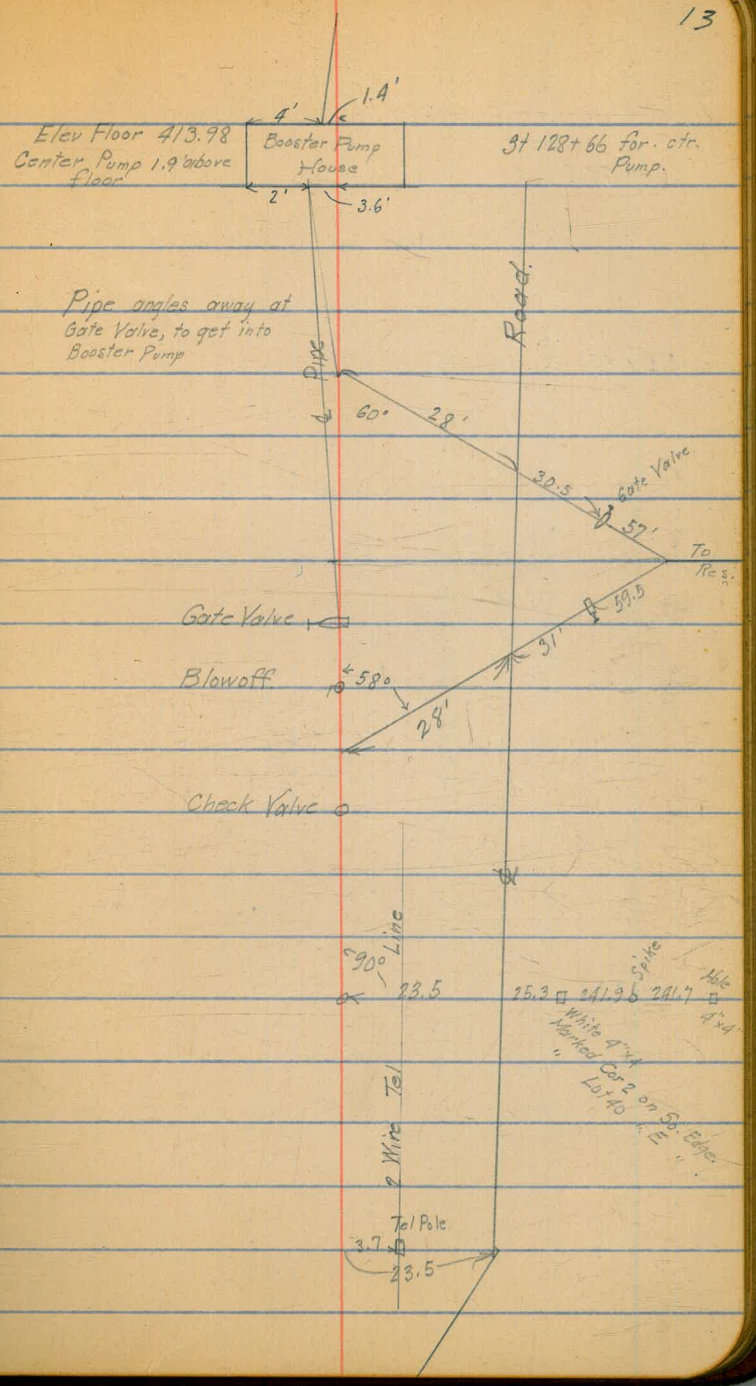
127+62

127+18.5

121+14

114+32.3

110+11.5



190+10

186+79.5

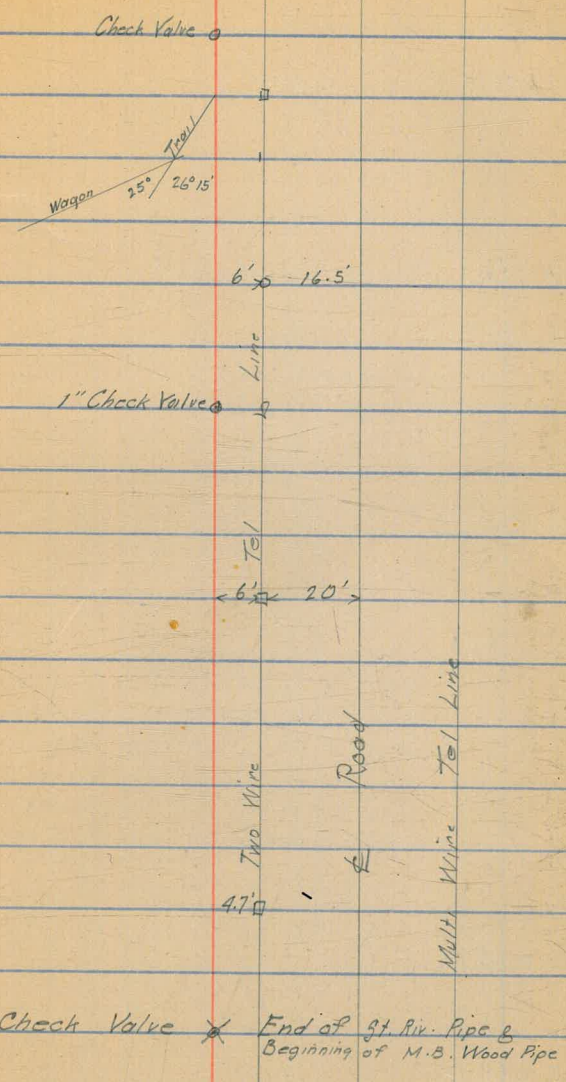
176+50

167+59.5

155+35

140+15

140+09.5



218+33.5 △ 4°13' L

216+91.8 → to Gov. B.M.

216+71.8

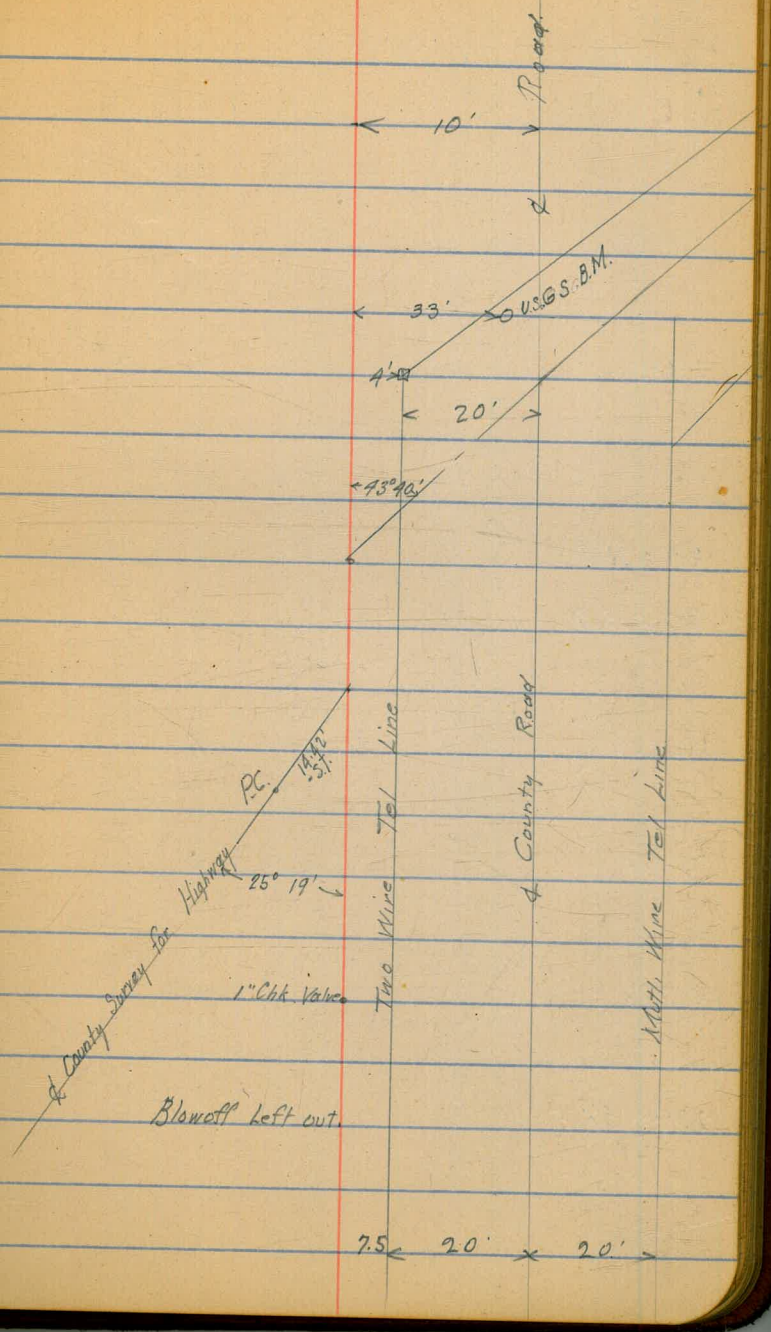
216+37.8

216+08.5

211+09.5

206+09.5

201+00 △ 0°22' L.



From this point on 6.6' is subtracted from original stationing.

7.5' is added to original station back of this point

280+44.7 Δ 39° 23' R.

276+27

276+11

272+26.5

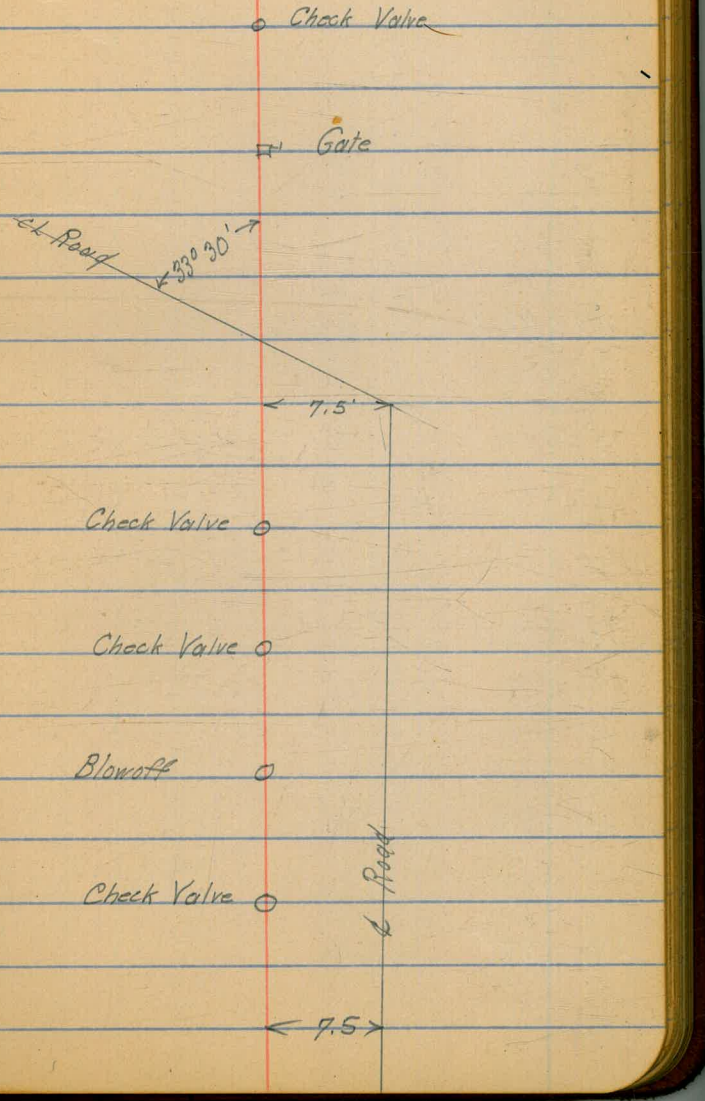
272+15.0

272+10

247+10

239+76

237+58.5



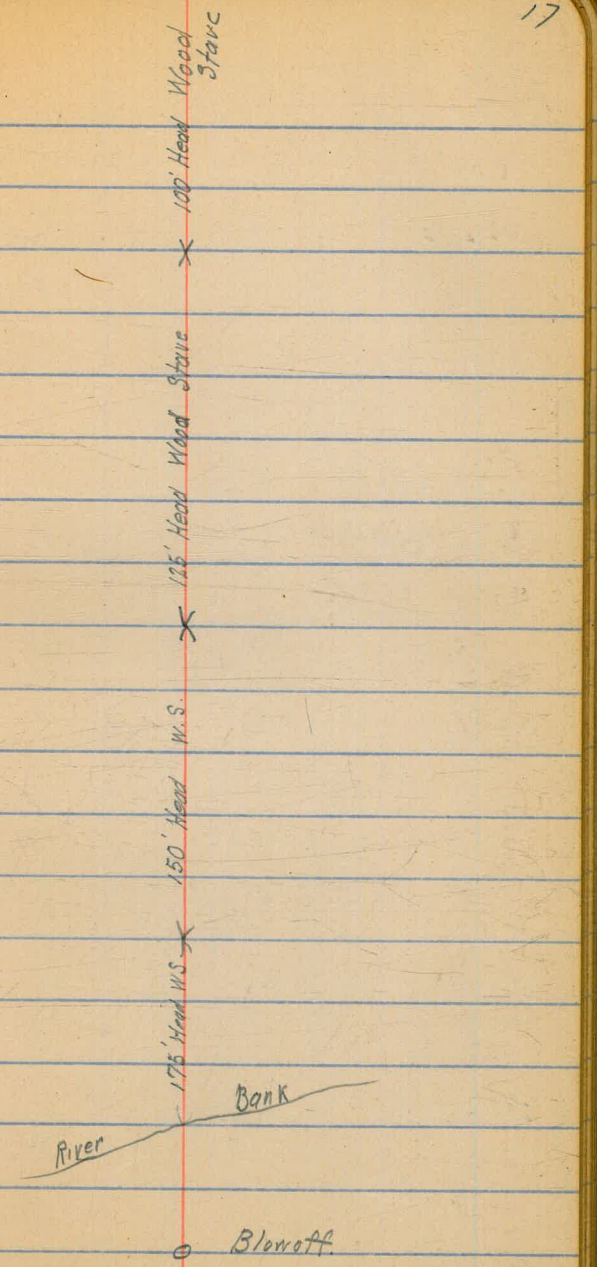
292+43.4

290+93.4

288+43.4

286+60

286+55



319+92.4 — 3" Tapped Collar with Plug

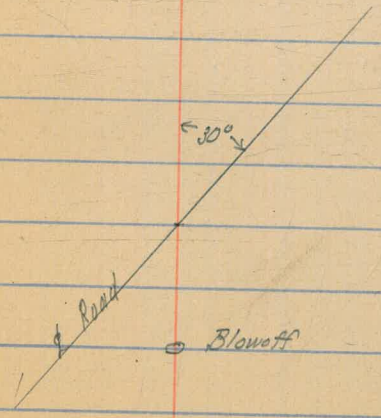
314+93.4 — 3" Tapped Collar with Plug

309+93.4 — 3" Tapped Collar with Plug

305+43.4 — 2" Check Valve.

304+93.4 — 3" Tapped Collar with Plug.

299+93 — 3" Tapped Collar with Plug



296+23 — Blowoff

294+24.4

293+04.4 — Check Valve.

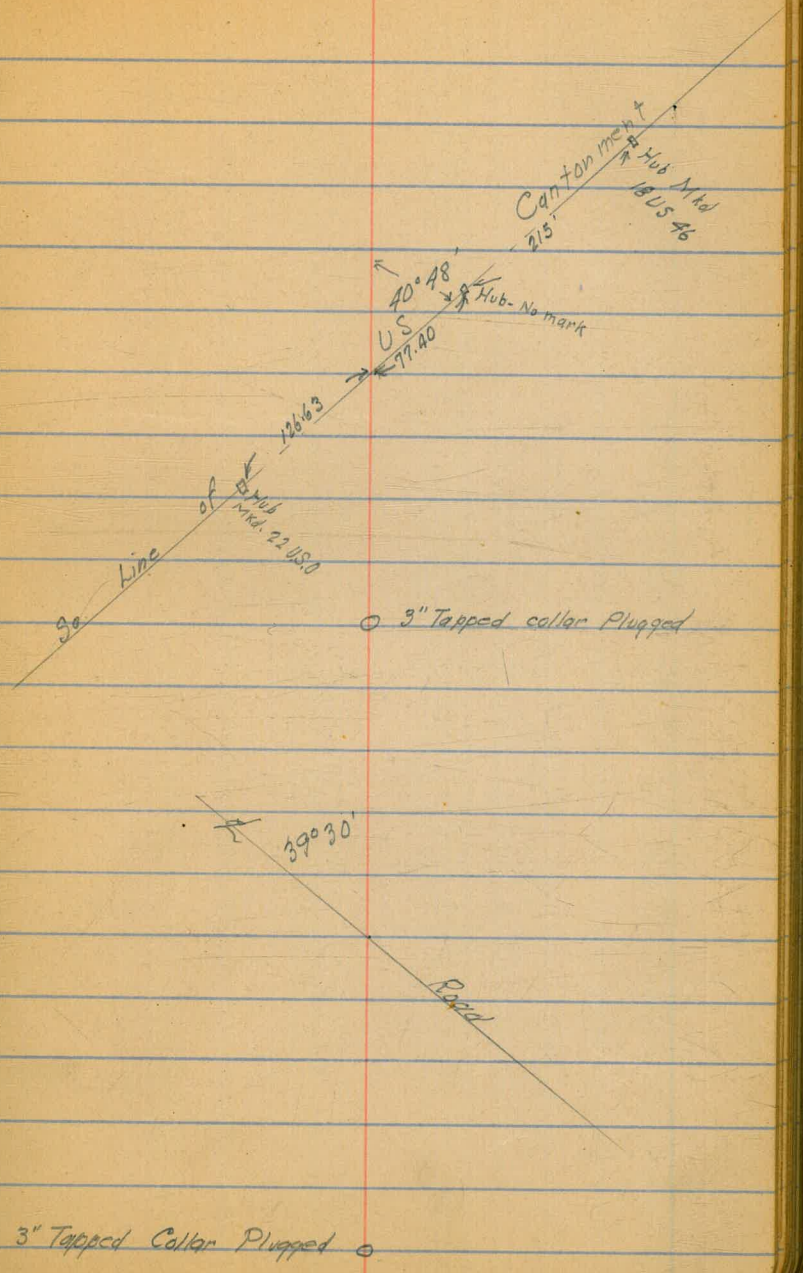
348+93.4 Δ 12°00' R

347+63.8

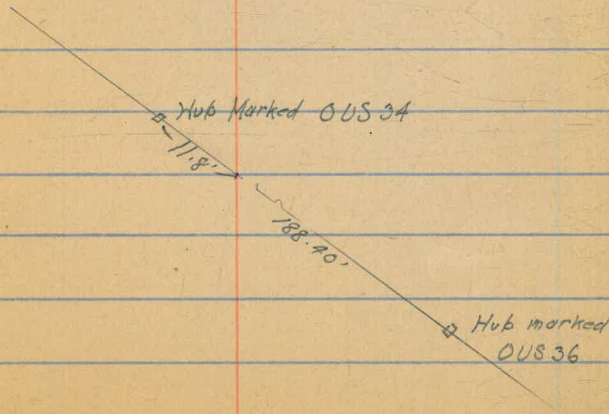
329+88.7

325+46.8

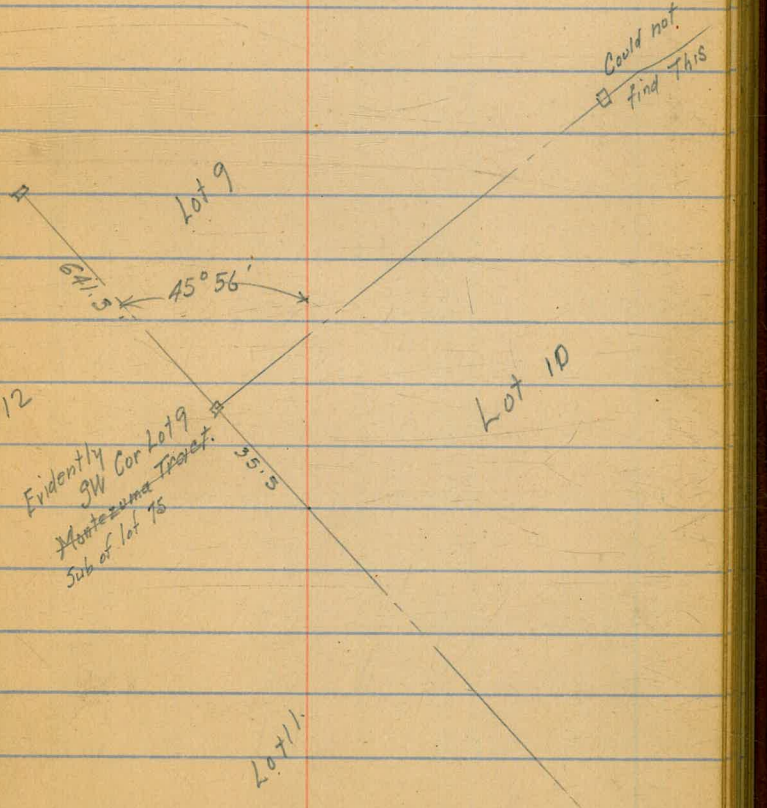
324+90.1



37/+54.6



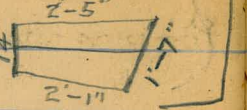
387 + 88.5


Could not find This
Lot 9
64.3
45° 56'
Lot 12
Lot 10
Evidently SW Cor Lot 9 ~~Montezuma Tract~~ Sub of lot 75
35.3
Lot 11

Required

2 - 6"x12" Flanged Reducers (not bored)

The 8"x12" Reducers are Bored



On Hand at Pump.

1 Pc 12" R.S. 12'-0" 1 Flange

1 " " " 4'-0" " "

1 " " " 3'-1" 2 " 10° Bend ±

1 " " " 3'-0" S.J. 45° " ±

On Hand at Yard

1 - 12"x12"x12" 45° Y

2 - 6" Fl. Gates

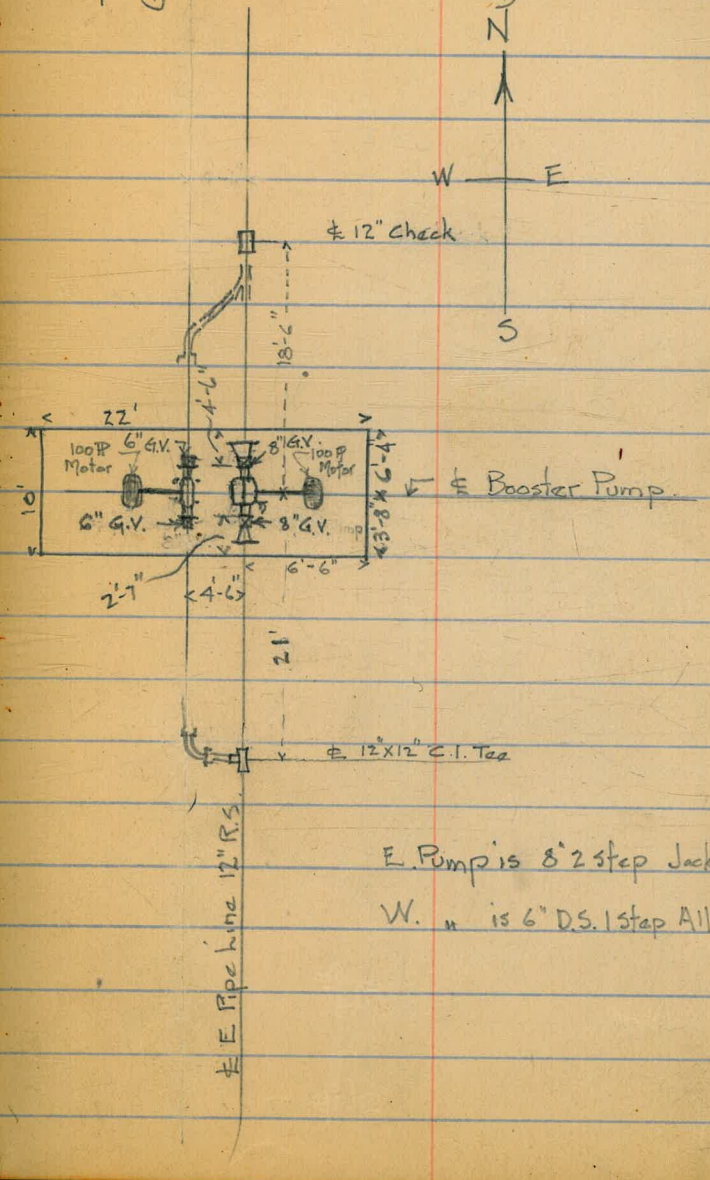
2 - 8" " "

1 - 12" 90° El.

1 - " 45° "

Sketch Showing Details of Linda Vista Booster Pumping Station.

May 1st 1918. G.C.



E. Pump is 8" 2 Step Jackson Church.

W. " is 6" D.S. 1 Step Allis Chalmers

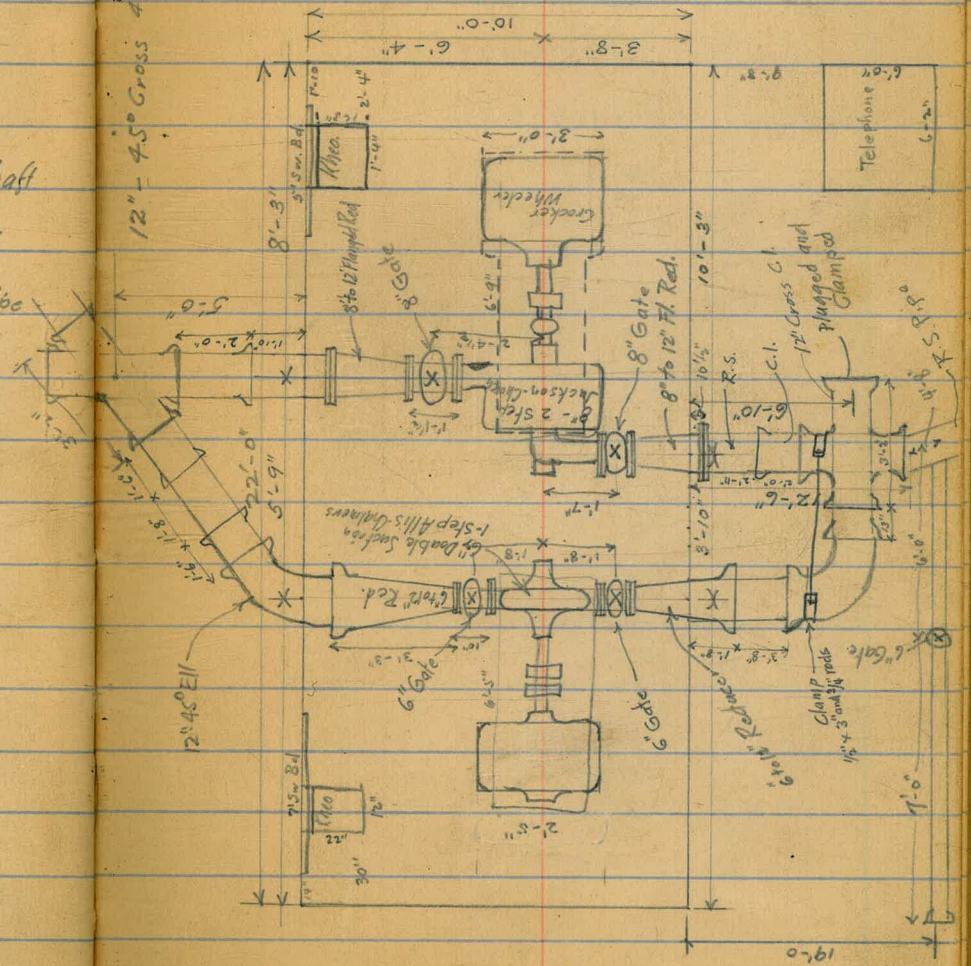
Linda Vista Booster Pump.

Schmidt-Hayler-Otten

May 11, 1918.

See N.B # 1015

	B.S.	H.I.	F.S.	Elev	
				405.5 ±	Floor of Pump House Gregory's Elev 413.98
West Pump			1.72	407.24	Center of Shaft
			.84	406.36	Intake Pipe
			.84	406.36	Discharge Pipe
East Pump			1.88	407.40	Center of Shaft
			1.84	407.36	Intake Pipe
			1.84	407.36	Discharge Pipe



Linda Vista Auxiliary Reservoir — May 11, 1918 — Hayler Level — Otten Rod

B.S.	H.I.	F.S.	Elev.	
4.60	410.12		405.52	Floor of Pump Ho.
9.61	416.46	3.27	406.85	B.M. 2"x4" Flush with ground S. Side of Shooting Sign over pipe line.
		5.24	411.22	Water Level May 11, 1918 11:00 A.M.
		2.74	413.72	Top of Dyke over Pipe Line
		2.72	413.74	Hub in Top of Dyke over Pipe Line

→ City Datum 0 = +8.46 Pipe Line Survey Datum used in Book #1015

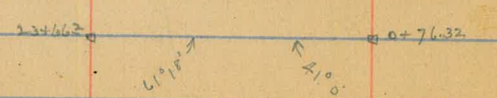
To obtain elev. referred to Pipe Line datum add 8.46 to elevations given in these notes. G. Cromwell.

Cross-Section Lindo Vista Auxiliary Reservoir

7 Davis
1-5 Hancock
18 Byers

	8.50	415.35 (~~414~~.35)	406.85
	0+76.52 (~~.32~~) E.C		
15 L = T.S.		7.7	407.7
2 L		1.2	414.2
C		1.1	414.3
4 R		1.4	414.0
6.5 R		3.6	411.8
15 R		7.9	407.5
	1+00		
15 R = T.S.		8.1	407.3
4 R		1.3	414.1
C		1.2	414.2
3.5 L		1.8	413.6
6 L		3.7	411.7
15 L		8.0	407.4

Location of Sump



Note - Cross Sections stationed according to print attached.

	1+50		
14 L - T.S.		7.9	407.5
4 L		1.0	414.4
C		1.2	414.2
2 R		1.1	414.3
3.5 R		3.7	411.7
16 R		7.9	407.5
	1+87.33 P.C		
15 R		7.7	407.7
7.5 "		3.7	411.7
3 "		1.2	414.2
C		1.5	413.9
3.5 L		1.5	413.9
13 L - T.S		7.1	408.3
	2+00		
13 L. T.S		6.8	408.6
2 L		1.2	414.2
C		1.4	414.0
4 R		1.2	414.2
7.5 R		3.7	411.7
16 R		6.9	408.5

	2+25	
	~~414.35~~	
	415.35	
15 R	7.3	408.1
6.5"	3.2	412.0
2.5'	1.1	414.3
C	1.4	414.0
2.5 L	1.3	414.1
13 L = T.S.	6.2	409.0
	2+50	
15 L T.S.	7.3	408.1
2.5"	1.2	414.2
C	1.3	414.1
3 R	1.2	414.2
5.5"	3.2	412.2
16"	7.2	408.0
	2+75	
19' R	7.3	407.9
11"	5.7	409.7
5'	3.2	412.2
3	1.4	414.0
C	1.4	414.0
2.5 L	1.3	414.1
14" T.S	7.3	408.1

	2+90.36 E C.	
14 L = T.S	7.2	408.1
3'	1.2	414.1
C	1.3	414.1
3 R	1.0	414.4
6"	3.5	411.9
12"	6.1	409.3
17"	7.2	408.2
	3+50	
17 R	7.2	408.0
12"	6.2	409.2
6'"	3.5	411.9
3'	1.2	414.2
C	1.1	414.3
5 L	1.4	414.0
14 = T.S	6.8	408.6

4+03.44 P.C		
~~4+4.35~~		
415.35		
12' L = T.S	6.2	409.2
3 "	1.2	414.2
C	1.3	414.1
3 R	1.4	414.0
5 "	3.4	412.0
17 "	6.4	409.8
4+25		
15 R	6.5	408.9
10 "	4.7	410.7
5.5 "	3.1	412.3
3.5 "	1.3	414.1
C	1.5	413.9
3.5 L	1.5	413.9
12' L = T.S.	6.5	408.9
4+50		
10' L = T.S	5.3	410.1
3 "	1.3	414.1
C	1.5	413.9
4 R	1.4	414.0
L	3.3	412.1
14	6.7	409.72
20	7.0	408.4

415.35

Cross Section bet 4+50 to 24+25

0+00 = C 4+50	1.5	413.9
+50	7.4	408.0
1	8.4	407.0
+50	9.1	406.3
2	10.7	404.7
+50	10.6	404.8
3	10.9	404.5
+50	10.3	405.1
4	8.9	406.5
Sump	10.8	404.6

Cross Section bet. 5+49.7 & 23+00

4	9.0	406.4
+50	10.3	405.1
3	10.0	405.4
+50	9.9	405.5
2	9.8	405.6
+50	9.5	405.9
1	10.3	405.1
+50	9.1	406.7
0+00 = 5+49.7		

	4+75 ~~414.35~~ 415.35	
12' L = TS	6.3	409.1
8 "	1.4	414.0
C	1.5	413.9
4' R	1.4	414.0
5 "	3.2	412.2
14 "	6.1	409.3
22 "	7.2	408.2
	5+00	
20' R	7.1	408.3
12 "	5.9	409.5
5.5 "	3.6	411.8
3	1.4	414.0
C	1.2	414.2
5' L	1.9	413.5
12' L = T.S.	6.2	409.2

415.35

	5+25	
10' L = T.S	6.0	409.4
4 "	2.0	413.4
C	1.6	413.8
5.5 R	1.7	413.7
8 "	3.6	411.8
16 "	5.7	409.7
30 "	7.2	408.2
	5+49.2 = E.O.	
25' R	7.1	408.3
15 "	6.3	409.1
4.5 "	3.1	412.3
3 "	1.4	414.0
C	1.3	414.1
4.5 L	1.3	414.1
11' L = T.S.	5.9	409.5
T.P. 1.36	(415.53) ✓ 414.53	(414.17) ✓ 413.17 = HUB 5+49.2

6+00

415.5-3

13 L = T.S.	6.6	408.9
4.5 "	16	413.9
C	14	414.1
3 R	16	413.9
5 "	21	413.1
6.5 "	34	412.1
12 "	49	410.6
19 "	71	408.4

6+50

16 R	76	407.9
12 "	62	409.3
11 "	48	410.7
5.5 "	32	412.3
4.5 "	18	413.7
C	16	413.9
3.5 L	16	413.9
12 L = T.S.	64	409.1

7+00

13 L = T.S.	6.9	408.6
4.5	16	413.9
C	16	413.9
3 R	18	413.7
4.5 "	31	412.4
10.5 "	49	410.6
13 "	64	409.1
18 "	77	407.8

7+50

20 R	75	408.0
13 "	61	409.4
11 "	48	410.7
5 "	32	412.3
C	18	413.7
4 L	20	413.5
13 L = T.S.	68	408.7

415.53 ✓

Cross Section tot Sta 6+00 & 7+48.5

0+00 = Sta 6+00

+50	8.9	406.6
1	10.7	404.8
+50	10.0	405.5
2	10.6	404.9
+50	9.7	405.8
3	9.6	405.9
+50	7.5	408.0

Cross Section tot Sta 7+00 & Sta 20+67.4

+50	8.7	407.3
3	10.2	405.3
+50	10.3	405.2
2	10.0	405.5
+50	9.6	405.9
1	11.0	404.5
+50	8.8	406.7

0+00 = Sta 7+00

8+00

12 L - T.S.	6.8	408.7
5	1.7	413.8
C.	1.6	413.9
3 R	1.5	414.0
4 "	3.2	412.3
10.5 "	4.8	410.7
13 "	6.3	409.2
19 "	7.6	407.9

8+50

17 R	7.5	408.0
13 "	6.5	409.0
11 "	4.9	410.6
5 "	3.2	412.3
3.5 "	2.0	413.5
C	1.6	413.9
4.5 L	1.7	413.8
13.6 L - T.S.	7.5	408.0

415.53

9+00

13.5 L. T.S.	7.2	408.3
14 "	1.7	413.8
C	1.7	413.8
2.5 R	2.1	413.4
3.5 "	3.1	412.4
10 "	4.9	410.6
12.5 "	6.1	409.4
18 "	7.5	408.0

9+29.89 PC

20 R	7.1	408.4
13.5 "	6.4	409.1
11 "	4.9	410.6
6.5 "	3.8	411.7
3.5 "	2.0	413.5
C	1.7	413.8
4.5 L	1.9	413.6
14 L. T.S.	7.0	408.5

Cross-Section bet Sta 8+00 & Sta 19+82.10

+50	9.5	406.0
3	9.7	405.8
+50	9.7	405.8
2	9.8	405.7
+50	9.7	405.8
1	10.2	405.1
+50	8.8	406.7

0+00 = Sta 8+00

Cross-Section bet Sta 9+00 & Sta 18+50

C	9.2	406.3
+50	9.9	405.6
3	9.8	405.7
+50	9.5	406.0
2	9.4	406.1
+50	9.4	406.1
1	9.8	405.7
+50	9.1	406.4

0+00 = 9+00

415.53

Cross-Section bet Sta 9+39.89 & Sta 18+00

+50	7.7	407.8
H	10.4	405.1
+50	9.5	406.0
3	9.5	406.0
+50	9.4	406.1
V	9.3	406.2
+50	9.2	406.3
1	9.5	406.0
+50	9.3	406.2

0+00 = Sta 9+39.89

Cross Section bet Sta 11+53 & Sta 18+00

+50	9.9	405.6
3	9.9	405.6
+50	9.1	406.4
V	9.4	406.1
+50	9.1	406.4
1	8.9	406.6
+50	8.2	407.3

0+00 = Sta 11+53.30

Cross Section bet Sta 12+50 & Sta 18+00

+50	9.6	405.9
V	9.5	406.0
+50	9.2	406.3
1	9.5	406.0
+50	9.2	406.3

0+00 = Sta 12+50

Cross Section bet Sta 14+43.96 & Sta 16+93.57

+50	8.2	407.3
1	8.9	406.6
+50	9.8	405.7

0+00 = Sta 14+43.96

	4.99	418.84	406.85
T.P	1.85	415.89	480
		9+75	
13 L-T.S			7.2 408.7
3"			2.0 413.9
C			1.9 414.0
4R			2.2 413.7
5.5"			3.8 412.1
11"			5.4 410.5
14			6.9 409.0
17			8.0 407.9

10+00
415.89

18 R	7.9	408.0
12 "	6.8	409.1
10 "	5.2	410.7
4 "	3.6	412.3
3 "	2.0	413.9
C	1.9	414.0
4 L	2.0	413.9
14 L - T.S.	7.6	408.4

10+25.

15 L - T.S	7.8	408.1
4.5 "	2.0	413.9
C	2.0	413.9
4.5 R	2.0	413.9
5.5 "	(4.2?) 4.2	411.7
12 "	5.8	410.1
18 "	7.7	408.2

415.89
10+50

15 R	7.6	408.3
11 "	5.8	410.1
3.5 "	3	412.5
2 "	1.8	414.1
C	1.7	414.2
4 L	2.0	413.9
13 L - T.S	7.4	408.5

10+75

15' L - T.S	7.9	408.0
3.5 "	2.3	413.6
C	2.0	413.9
3 R	2.3	413.6
4 "	3.6	412.3
10 "	5.2	410.7
12 "	6.6	409.3
16 "	7.9	408.0

11+00
415.89

17 R	7.9	408.0
14 "	6.7	409.2
11 "	5.2	410.7
5 "	3.5	412.4
4 "	2.0	413.9
C	1.7	414.2
4.5 L	2.2	413.7
16 " = T.S.	8.0	407.9

11+15.3 = EC

14 L = T.S.	7.4	408.5
5 "	1.9	414.0
C	1.9	414.0
2 R	2.0	413.9
5 "	3.8	412.1
11 "	5.2	410.7
14 "	6.7	409.2
20 "	7.7	408.2

415.89
11+50

17 R	7.7	408.2
12 "	6.5	409.4
9 "	5.2	410.7
3 "	3.6	412.3
1 "	1.9	414.0
C	2.0	413.9
6 L	2.0	413.9
12 L = T.S.	5.7	410.2

12+00

13 L = T.S	7.2	408.7
3.5 "	1.8	414.1
C	1.8	414.1
2 R	1.7	414.2
4 "	3.7	412.2
10.5 "	5.2	410.7
14 "	6.7	409.2
18 "	7.4	408.5

12+50
415.89

20 R	76	408.3
14 "	6.5	409.4
12 "	5.2	410.7
5 "	3.3	412.6
3.5 "	1.6	414.3
C	1.7	414.2
2.5 L	1.6	414.3
12 L - T.S.	6.8	409.1
	13+00	
12 L - T.S.	7.0	408.9
3 L	2.1	413.8
C	2.1	413.8
4.5 R	2.1	413.8
5 "	3.4	412.5
12 "	5.2	410.7
13 "	6.5	409.4
18 "	7.8	408.1

415.89
13+50

18 R	78	408.1
13 "	6.6	409.3
10.5 "	5.2	410.7
4.5 "	3.6	412.3
3 "	2.1	413.8
C	1.8	414.1
3.5 L	1.9	414.0
13 L - T.S.	7.3	408.6
	14+00	
12 L - T.S	7.0	408.9
4 "	2.0	413.9
C	2.0	413.9
4 R	2.1	413.8
5.5 "	3.5	412.4
11 "	5.3	410.6
14 "	6.7	409.2
18 "	8.0	407.9

415.89

14+43.96 PC

17 R	7.6	408.3
13 "	6.6	409.3
10.5"	5.3	410.6
5.5"	3.6	412.3
4 "	2.3	413.6
C	2.0	413.9
4 L	2.2	413.7
13 L = T.S.	7.1	408.8

14+75

13' L. T.S.	7.1	408.8
3 L	1.7	414.2
C	1.6	414.3
4 R	1.7	414.2
6 "	3.7	412.2
10.5"	5.3	410.6
13 "	6.7	409.2
17 "	7.4	408.5

415.89

15+00

14 R	7.8	408.1
11 "	6.6	409.3
8.5 "	5.2	410.7
4.5 "	3.7	412.2
2.5"	1.9	414.0
C	1.9	414.0
4 L	2.3	413.6
14 L = TS.	7.2	408.7

15+75

15.5 L = T.S.	7.7	408.2
4 "	2.2	413.5
C	2.1	413.8
3 R	2.2	413.7
4 "	3.5	412.4
10 "	5.1	410.8
17.5 "	6.5	409.4
18 "	7.5	408.4

	15+50	
	415.89	
xx R	7	408.5
12 "	6.5	409.4
6 "	4.7	411.2
3.5"	3	412.5
V	1.9	414.0
C	2.1	413.8
3.5 L	2.2	413.7
15 " = T.S	8.2	407.5
	15+75	
14 L = TS	8.5	407.4
3 L	2.2	413.7
C	2.3	413.6
3 R	2.1	413.8
4 "	3.2	412.7
6.5 "	4.5	411.4
10 "	5.0	410.9
13	6.7	409.2
15	7.8	408.1

	415.89	
	16+00	
15 R	7.9	408.0
10.5"	5.1	410.8
6.5"	3.5	412.4
4 "	2.1	413.8
C	2.3	413.6
4 L	2.2	413.7
15 L = TS	8.3	407.6
	16+25	
17 L = T.S.	8.5	407.4
3.5 L	1.7	414.2
C	1.9	414.0
3.5 R	2.0	413.9
6 "	4.5	411.4
10.5 "	5.3	410.6
16 "	7.7	408.2

16+50
415.89

15 R	79	408.0
17.5 "	6.5	409.4
10 "	5.0	410.9
6 "	38	412.1
3 "	45	414.4
C	1.8	414.1
3 L	1.7	414.2
16 L = T.S.	79	408.0

16+75

16 L = T.S.	78	408.1
3 "	1.8	414.1
C	20	413.9
4 R	1.8	414.1
7.5 "	4.3	411.6
11 "	5.1	410.8
16 "	7.5	408.4

415.89

16+93.57 E.C.

16 R	8.4	407.5
10 "	5.0	410.9
6 "	4.2	411.7
3.5 "	2.0	413.9
C	2.0	413.9
3.5 L	1.9	414.0
16 L = T.S.	8.9	407.0

17+50

14 L = T.S.	7.6	408.3
3.5 L	2.0	413.9
C	2.2	413.7
3 R	2.4	413.5
5.5 "	4.3	411.6
10 "	5.2	410.7
15 "	8.0	407.9
T.P 2 ll	416.70 ✓	1.85 414.85 ✓

18+00 416.70		
14 R	81	408.1
11 "	73	409.4
8.5 "	57	411.0
5.5	47	412,0
2 "	25	414.2
C	25	414.2
4.5 L	2.5	414.2
14" = T.S.	8.0	408.7
18+50		
14' L = T.S.	8.3	408.4
4.5"	27	414.0
C	24	414.3
2.5 R	2.5	414.2
6 "	46	412.1
10 "	57	411.0
14 "	85	408.2

416.70 19+00		
16' R	89	407.8
13.5 "	79	408.8
9 "	57	411.0
6 "	45	412.2
4 "	27	414 .0
C	2.3	414 .4
4 L	27	414.0
13 L = T.S.	79	408.8
19+11 2.3 = P.C.		
12.5 L = TS	79	409.3
3.5 "	29	413.8
C	27	414.0
6. R	3.1	413.6
7 "	5.0	411.7
10 "	5.8	410.9
13 "	80	408.7

19+50
416.70

19' R.	8.3	408.4
12 "	7.2	409.5
8 "	5.6	411.1
5 "	4.6	412.1
3 "	3.3	413.4
C	2.8	413.9
6.5 L	3.0	413.7
15 L = T.S.	7.5	409.2

19+82.10 EC

15 L = T.S.	8.0	408.7
5.5 "	2.9	413.8
C	3.0	413.7
3.5 R	3.1	413.6
6 "	4.8	411.9
12 "	5.8	410.9
15 "	8.8	407.9

416.70

20+50

16' R	9.0	407.7
10.5 "	7.2	409.5
5.5 "	5.2	411.5
2 "	3.0	413.7
C	2.8	413.9
5 L	2.8	413.9
12 L = T.S.	6.2	410.5

20+67.40 PC

12 L = T.S	6.7	410.0
4.5 "	2.7	414.0
C	2.8	413.9
3 R	2.8	413.9
8 "	5.8	410.9
11 "	7.2	409.5
17.	8.7	408.0

	21+00	
	416.70	
25' R	89	407.8
13 "	70	409.7
7.5 "	48	411.9
5 "	30	413.7
C	25	414.2
3 L	27	414.0
11 " T.S.	64	410.3
	21+25	
10 L = T.S.	59	410.8
3 "	36	414.1
C	29	413.8
4 R	30	413.7
7 "	50	411.7
12 "	68	409.9
30 "	82	408.5

	416.70	
	21+50	
3.5 R	82	408.5
15 "	72	409.5
7.5 "	52	411.5
3.5	36	414.1
C	28	413.9
3.5 L	27	414.0
9' L = T.S.	54	411.3
	21+82.5 = EC	
10 L = T.S.	61	410.6
4' L	25	414.2
C	27	414.0
3 R	25	414.2
8 "	50	411.7
15 "	72	409.5
25 "	84	408.3

22+50
416.70'

17' R	87	408.0
12"	75	409.2
6"	48	411.9
4"	30	413.7
C	28	413.9
4.5 L	27	414.0
11" · T.S.	71	409.6
	23+00	
12 L. T.S.	73	409.4
4.5	31	413.6
C	32	413.5
3.5 R	32	413.5
6"	50	411.7
15"	87	408.0
	23+66.2 PC	
15' R	91	407.6
10.5"	75	409.2
5.5	51	411.6
3.	32	413.5
C	31	413.6
5 L	31	413.6
15' L = T.S.	83	408.4

90' 415.87 ✓ 406.85'

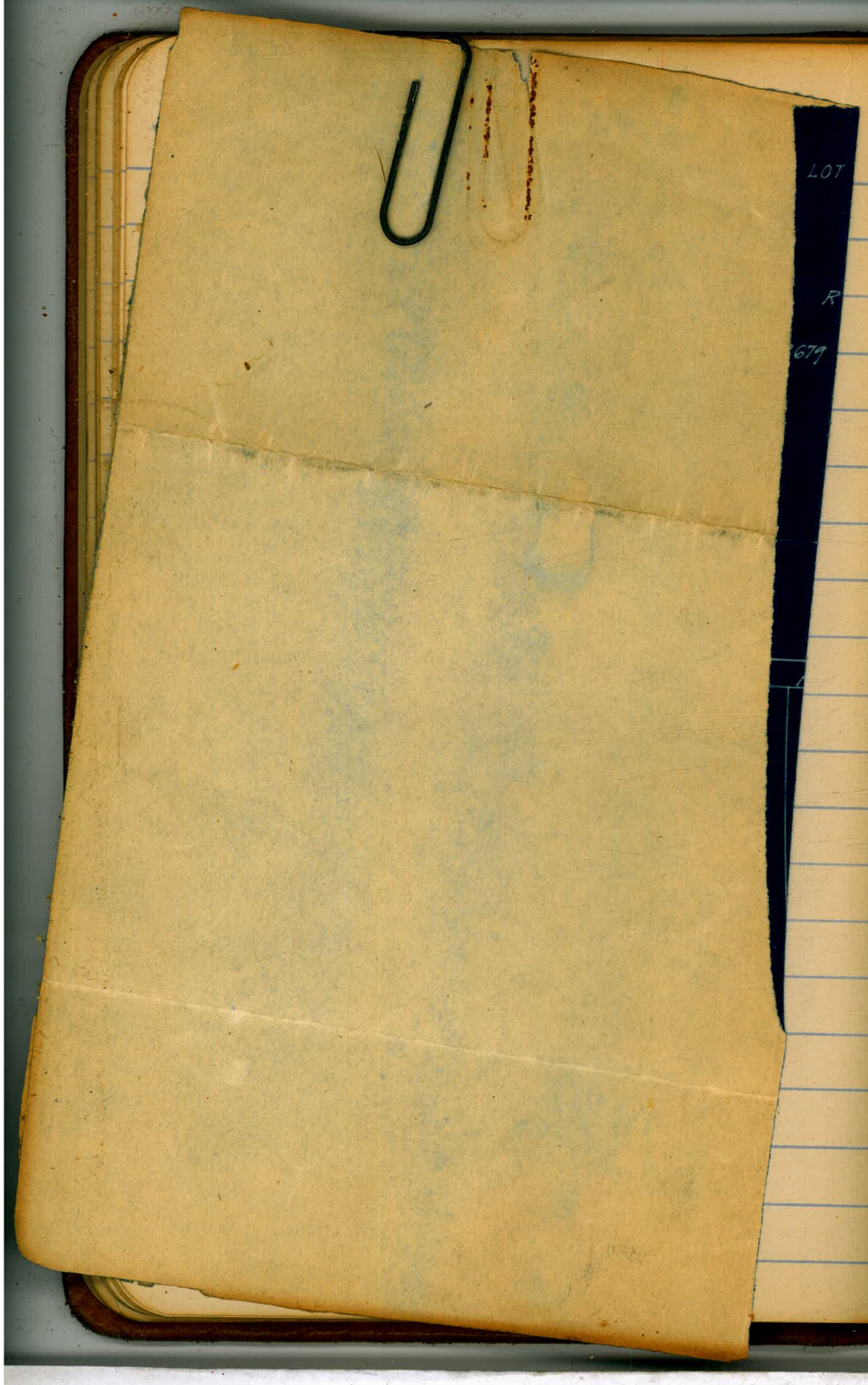
24+00

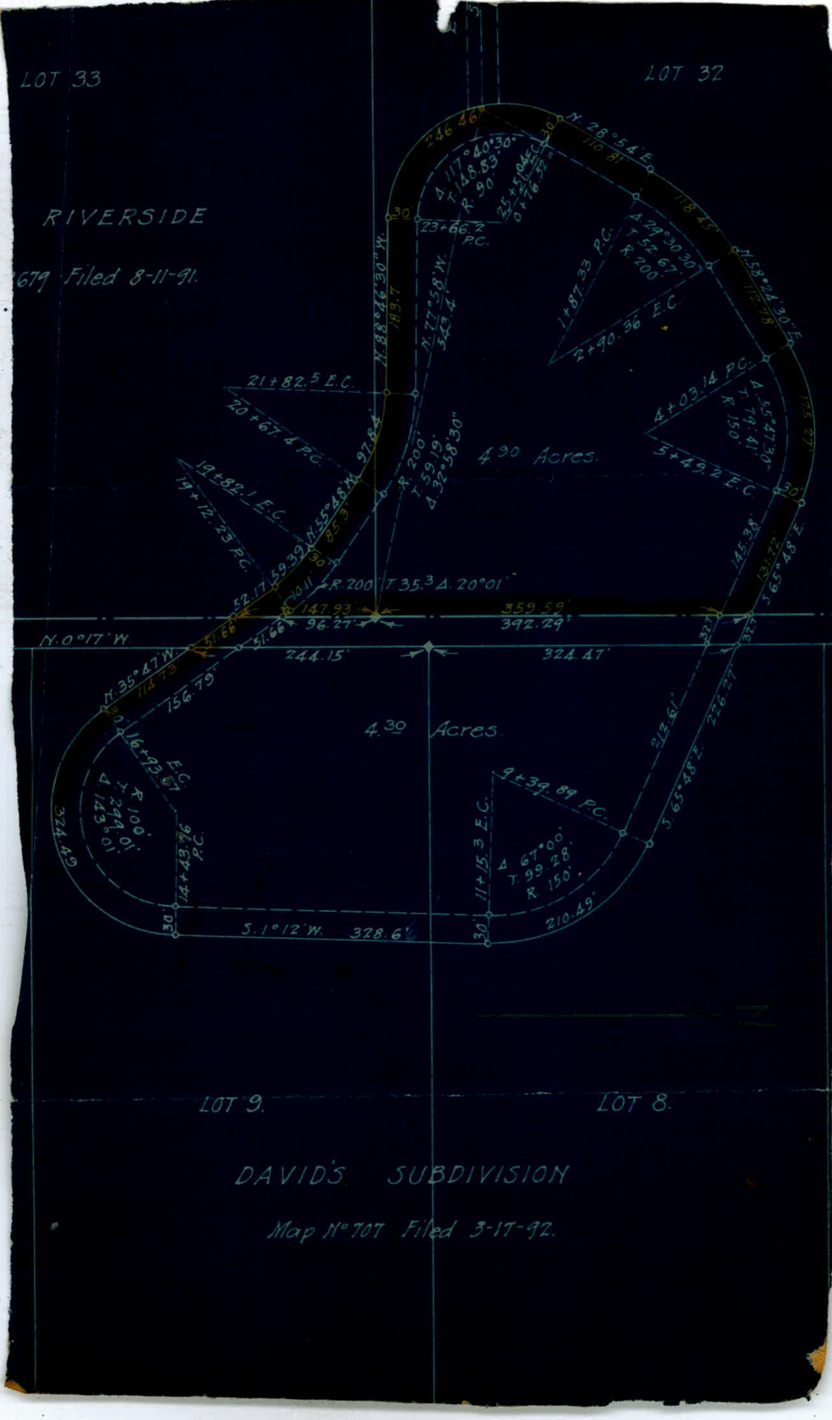
16' L. T.S	8.3	407.6
5"	21	413.8
C	2.1	413.8
2 R.	22	413.7
45"	41	411.8
T.S.	52	410.7
10.5	73	408.6
	24+75	
14 R	8.0	407.9
10	6.5	409.4
5	43	411.6
2"	23	413.6
C	22	413.7
4.5 L	21	413.8
13 L T.S	74	408.5

16 L = T.S.		
25 L		
C		
3 R		
6 "		
8.5 "		
13 "		
	24+50	
	415.87	
	25	407.4
	19	414.0
	20	413.9
	23	413.6
	32	411.7
	51	410.8
	78	408.1
	24+75	
24' R		
14 "		
10 "		
5.5"		
3 "		
C		
3 L		
17 " T.S.		
	91	406.8
	88	407.1
	64	409.5
	42	411.7
	23	413.6
	21	413.8
	23	413.6
	85	407.4

	415.87	
	25+00	
15' L = T.S.		
2.5 "		
C		
4' R		
6.5 "		
13.5"		
16 "		
	25+25	
16' R		
11 "		
7 "		
5 "		
C		
2.5 L		
15' L = T.S.		
	86	407.3
	24	413.5
	22	413.7
	22	413.7
	42	411.7
	79	408.0
	87	407.2
	85	407.4
	64	409.5
	38	412.1
	20	413.9
	21	413.8
	22	413.7
	87	407.2

25+51.24 EC = 0+76.32


LOT
R
679


LOT 33
LOT 32
RIVERSIDE
679 Filed 8-11-91.
N. 28°54' E.
110.81'
246.46'
Δ 117°40'30"
T. 148.83'
R. 90'
23+66.2
P.C.
N. 88°46'30" W.
183.7
N. 77°58' W.
543.4'
1+87.33 P.C.
Δ 29°30'30"
T. 52.67'
R. 200'
2+90.36 E.C.
N. 58°24'30" E.
112.78
21+82.5 E.C.
20+67.4 P.C.
4.90 Acres.
4+03.14 P.C.
Δ 55°47'30"
T. 79.41'
R. 150'
5+49.2 E.C.
R. 200'
T. 59.19'
Δ 32°58'30"
19+82.1 E.C.
19+12.23 P.C.
N. 55°48' W.
85.3'
97.84'
59.39'
52.17'
R. 200'
T. 35.3
Δ 20°01'
147.93'
96.27'
359.59'
392.29'
145.38'
131.72'
S. 65°48' E.
51.66'
51.66'
N. 0°17' W.
244.15'
324.47'
N. 35°47' W.
114.73'
156.79'
4.30 Acres
16+93.67 E.C.
R. 100'
T. 299.01'
Δ 143°01'
324.49
14+43.76 P.C.
9+39.89 P.C.
11+15.3 E.C.
Δ 67°00'
T. 99.28'
R. 150'
212.61'
226.27'
S. 65°48' E.
210.49'
S. 1°12' W.
328.6'
LOT 9.
LOT 8.
DAVID'S SUBDIVISION
Map No 707 Filed 3-17-92.

6/30/22 Gregory, Moore, Ellis, Shaw

Cross Section of VERMONT ST from N.L. Pennsylvania to N.L. Cypress
80' wide, 14' cbs

Cement return on N.E. cor — 2.54 built — 287.50 — 284.96 — B.P. N.E. Penn.

N.L. Pennsylvania 80 st. (287.50)

E. on cement	285.25	2.27	285.23
cb ✓ ✓	285	2.54	284.96 ✓
+0.0 = gutr.	284.33	3.6	283.9
1/4	284.58	3.4	284.1
c	284.5	3.2	284.3
1/4	284.08	3.6	283.9
+12.5	283.33	4.3	283.2
W cb on cement	284	3.55	283.95
+10 " "		3.33	284.2
WL	284.25	4.2	283.3

N. curb

WL	284	5.1	282.2
cb		4.4	283.1
1/4		4.1	283.4
c		3.3	284.2
1/4		3.3	284.2
cb		3.6	283.9
EL	E gutr.	3.6	283.9
on cement curb		2.54	84.96

N 1/4 — 287.5

EL	3.2	284.3
cb	3.7	283.8
+6	4.0	283.5
1/4	3.5	284.0
c	3.4	284.1
1/4	4.0	283.5
cb	4.6	282.9
WL	5.3	282.2
+10	6.4	281.1
-10	6.2	281.3
WL	5.5	282.0
cb	5.0	282.5
1/4	4.4	283.1
c	3.6	283.9
1/4	3.8	283.7
+7	4.0	283.5
cb	3.7	283.8
EL	3.0	284.5

Yardage figured Aug 4 1925 HRB
See Book (9-450 and ? / 8-211 ?)
Plans — {1821-V / 1813-V} C of Penn

	S ½	787.50
EL	3.2	784.3
⌀	3.9	783.6
+6	4.2	783.3
¼	3.8	783.7
⌀	3.7	783.8
¼	4.9	782.6
⌀	5.2	782.3
W.L	5.8	781.7
+10	6.7	780.8
	S ⌀	
−10	7.0	780.5
W.L	5.8	781.7
⌀	5.4	782.1
+8	5.5	782.0
¼	5.3	782.2
⌀	4.0	783.5
¼	3.9	783.6
⌀	4.2	783.3
EL gutr.	3.6	783.9
curb on cement	2.54	✓ 784.96 ✓

	S.L = 0+00	787.50
EL	2.6	784.9
+2	3.3	784.2
⌀	3.7	783.8
¼	4.2	783.3
⌀	4.2	783.3
¼	5.4	782.1
⌀	5.2	782.3
W.L	5.8	781.7 ✓
+10	6.8	780.7
	0+25	
−5	6.4	781.1
W.L	5.7	781.8
⌀	5.5	782.0
¼	5.3	782.2
⌀	4.1	783.4
¼	4.1	783.4
⌀	3.8	783.7
+13	3.3	784.2
EL on lawn	2.7	784.8

787.50

0+50		
EL on Lawn	2.7	785.8
+1	3.0	84.5
cl	3.4	84.1
+4	4.0	83.5
1/4	3.8	83.7
c	3.9	83.6
1/4	4.9	87.6
cl	5.3	87.2
WL	5.9	781.6 ✓
+5	6.1	81.4
0+75		
WL	5.1	782.4
cl	5.1	782.4
1/4	4.5	83.0
c	3.8	83.7
1/4	3.9	83.6
+12	3.8	83.7
cl	3.5	84.0
+3	3.1	84.4
+13	2.8	84.7
EL on Lawn	2.4	85.1

1+00		
EL	2.6	785.9
+2	3.0	84.5
cl	3.4	84.1
+3	3.8	83.7
1/4	3.7	83.8
c	3.5	84.0
1/4	3.8	83.7
+9	4.5	83.0
cl	4.5	83.0
WL	4.3	783.2 ✓
1+25		
WL on Lawn	3.1	784.4
cl	3.3	784.2
1/4	3.7	783.8
c	3.6	783.9
1/4	3.5	784.0
cl	3.7	783.8
EL on Lawn	3.0	784.5

287.50

1+50

EL	3.3	√84.2 ✓
cb	3.4	84.1
1/4	3.4	84.1
c m. Hole	3.5	√84.0
1/4	3.6	√83.9
cb	3.4	√84.1
wL	3.5	√84.0

1+75

wL	3.2	√84.3
cb	3.3	√84.2
1/4	3.9	√83.6
c	3.8	√83.7
1/4	4.0	√83.5
cb	3.7	√83.8
EL	3.6	√83.9

2+00

EL	4.5	√83.0 ✓
cb	4.4	√83.1
1/4	4.3	√83.2

287.50

c	4.3	√83.2
1/4	4.4	√83.1
cb	3.7	√83.8
wL	3.1	√84.4 ✓

2+25

wL	3.8	√83.7
cb	4.5	√83.0
1/4	5.0	√82.5
c	5.0	82.5
1/4	5.2	√82.3
cb	5.4	√82.1
EL	5.7	√81.8

2+50

EL begins gulch	7.2	√80.3 ✓
cb	7.0	80.5
1/4	6.5	√81.0
c	6.2	√81.3
1/4	5.7	√81.8
cb	5.0	√82.5
wL	4.5	√83.0 ✓

787.50

2+75

W L	4.5	783.0
ch	5.5	782.0
+9	6.4	781.1
¼	7.1	780.4
c	7.9	779.6
¼	9.6	777.9
ch ctr of gulch	11.8	775.7
+7	9.8	777.7
E L	7.8	779.7

3+00 N L Cypress (279.3)

E L	8.4	779.3
		(279.2)
ch	14.4	778.3
+8 ctr of gulch	20.6	766.9
		(279.1)
¼	19.4	769.7
+5	19.6	769.9
		(279.6)
c	13.8	778.7
+7	9.8	777.7
		(280.4)
¼	9.8	777.7
ch = edge road.	6.3	781.4
		(280.7)

Note Elevations in circles taken from Cypress Crossing H.P.B.

787.50

(281.8)

W L	5.3	282.4

25' So. of N L

W L	5.4	782.1
ch edge road.	8.9	778.6
+8	12.4	775.1
¼	12.8	774.7
+3	13.0	774.5
c	18.8	768.7
+3	22.6	764.9
¼ ctr of gulch	26.8	760.7
ch	20.9	766.6
+4	17.9	769.6
E L	15.1	772.4

7/24/22

Location of Culverts
Vermont + Cypress

Moore
Ellis
Shaw

BM No. [illegible] Penn. 284.96

	194	286.90		
W. of Vermont N L Cypress = 0+00			5.7	√81.2
0+10			6.3	√80.6
0+14			6.6	√80.3
0+20			8.2	√78.7
0+35			7.5	√79.4
0+70			7.4	√79.5
0+80 = S L of Cypress			7.5	√79.4
T. P.	0.29	274.18	13.01	273.89
E of Vermont N L Cypress = 0+00			1.1	√73.1
0+10			3.7	√70.5
0+14			5.0	√69.2
0+20			6.7	√67.5
T. P.	1.90	263.53	12.55	261.63
0+70			12.5	√51.0
0+90			9.1	√54.4

Moore
8/11/25

CROSS SECTION OF
VERMONT ST
PENN TO CYPRESS

80' wide
14' s/w
13' 1/4 s

Penn & NEBP VERMONT	337	√88.33	284.96
	Penn. SL (VERMONT) = 0+00		
EL		4.0	84.3
+1½ Peppertree 14" Diam.		4.4	83.9
cb		4.6	83.7
1/4		4.9	83.4
c		4.9	83.4
1/4		6.0	82.3
cb		6.1	82.2
W L		6.4	81.9
25'S			
WL		6.6	81.7
cb		6.2	82.1
1/4		6.1	82.2
c		5.0	83.3
1/4		4.9	83.4
cb		4.5	83.8
+2 peppertree 12"D		4.3	84.0
EL		4.3	84.0

288.33

49

50'S		
EL	3.9	84.4
+1½ peppertree 14" Diam	4.2	84.1
cb	4.4	83.9
+4	4.8	83.5
1/4	4.7	83.6
c	4.7	83.6
1/4	4.9	83.4
cb	6.0	82.3
WL	6.4	81.9
78'S		
WL	5.9	82.4
cb	6.0	82.3
1/4	5.3	83.0
c	4.6	83.7
1/4	4.7	83.6
cb	4.5	83.8
+2 pepper tree 12" D	3.8	84.5
EL	3.6	84.7

√

101'S

EV	3.8	84.5
cb	4.2	841
1/4	4.6	83.7
C	4.3	840
1/2	4.7	83.6
cb	5.3	83.0
+3 pepper tree 12"D	5.1	83.2
WV	4.9	83.4

106'S on E side 2' east of cb = pepper tree 12" DIAM. 3.8 84.5

120'S

WV	4.1	84.2
+11	4.3	840
cb	4.5	838
1/2	4.5	838
C	4.3	840
1/4	4.1	839
cb	4.1	839
+2	3.9	844
EV	3.9	844 ✓

159.5'S

EV	4.2	841
cb	4.4	839
1/2	4.6	837
C	4.6	837
1/4	4.5	838
cb	4.1	842
+2 • pepper tree 36" DIAM	3.9	844
WV	3.9	844

177'S

WV	4.0	843
cb	4.2	841
+3	4.8	835
1/2	5.0	833
C	5.0	833
1/4	4.9	834
cb	5.2	831
+3	4.6	837
+11.5 = pepper Tree 14" DIAM	4.1	836
EV	4.5	838 ✓

200'S

E L	5.0	833
+2.5 pepper tree 10" DIAM	5.3	830
+3	5.3	830
cb	5.8	825
1/4	5.7	826
c	5.6	827
1/4	5.5	828
cb	5.0	833
+1	4.5	838
W L	4.0	843

181'S = DEAD Palm 24" DIAM 11' E of W L

202.5'S = pepper tree 16" / " " " "

225'S

W W	4.6	837
cb	5.4	829
+1	6.1	822
1/4	6.3	820
c	6.2	821
1/4	6.7	816

✓

cb	6.9	814
+1	6.4	819
E L	6.0	823

242'S

E L	4.7	816
+3.5' = Eucalyptus 40" DIAM	7.0	813
+11	7.3	810
cb	7.7	806
1/4	7.5	808
c	6.9	814
1/4	6.8	815
+11	6.7	816
cb	6.3	820
+ L	5.7	826
W L	5.L	831

245'S = pepper tree 14" DIAM 11' E of W L

266'S

W L	5.9	824
cb	6.3	820
+6	6.9	814 ✓

288.33

2665

1/4	7.4	80.9
c	8.0	80.3
1/4	8.6	79.7
cb	8.9	79.4
+10 eucaliptus 12" diam } from same root	8.4	79.9
+12 " 10" ✓	7.3	81.0
EL	7.3	81.0
288'S		
EL	8.1	80.2
+3	8.8	79.5
cb	8.9	79.4
1/4	8.9	79.4
c	8.4	79.9
1/4	7.7	80.6
+10	7.4	80.9
cb	7.0	81.3
+3 = pepper 16" diam	6.8	81.5
w/c	6.3	82.0
300'S = all cypress		
w/c	6.6	81.7
+9	7.1	81.2 ✓

288.33

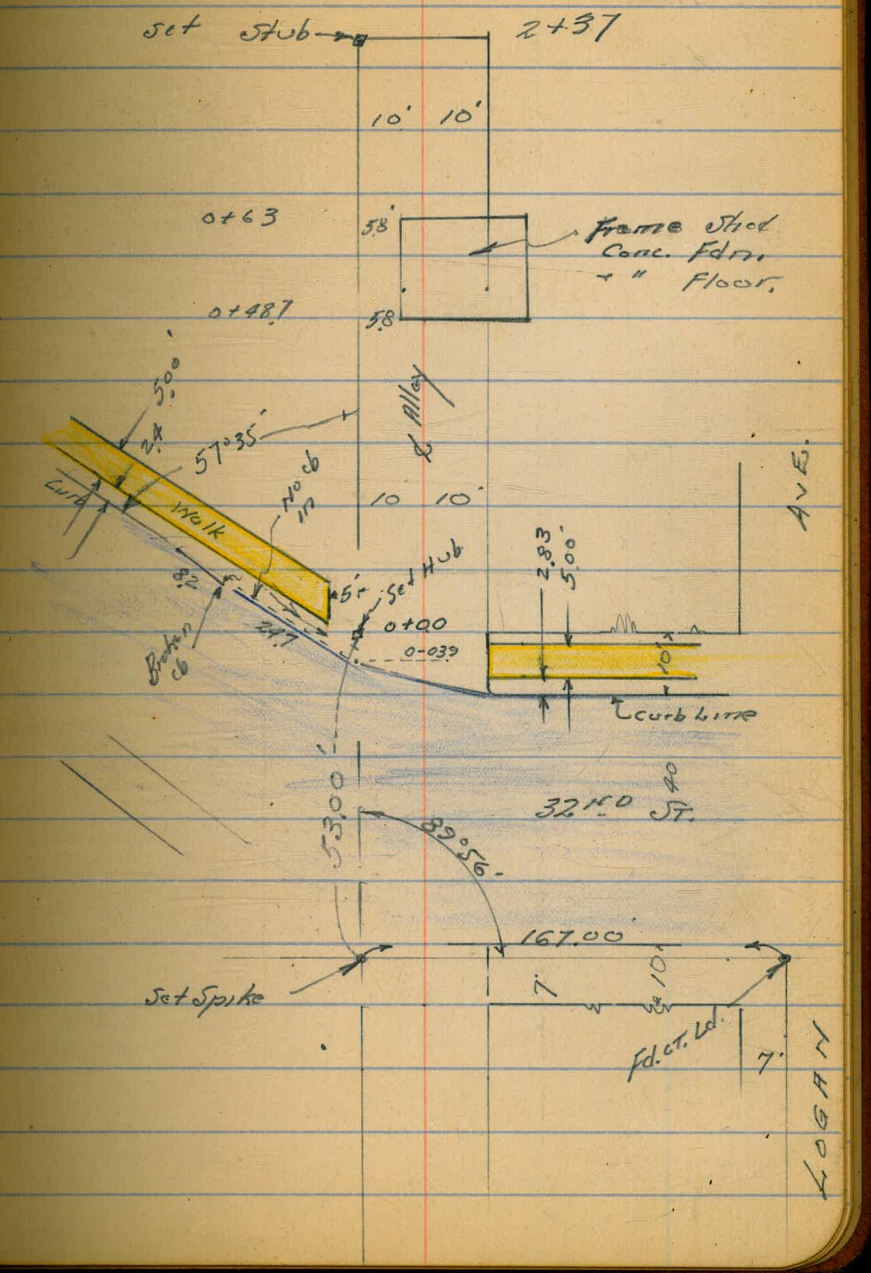
cb	7.7	80.6
1/4	8.0	80.3
c	8.8	79.5
1/4	9.4	78.9
cb	9.2	79.1
EL	8.7	79.6 ✓

Cross Section Alley Blk 285
Seaman And Choates
Bet. Logan Ave And Creek
from 32nd to East End.

Walker
Pipe
Huffman 10-19-51

MO 25020

Orig. Cross Sections FB 1624-69



0+32

0+32

Reduced & plotted
10-22-51
F.B. Finney

0+04

0+00

Along E cb

0-03.9 diag. See from 10' Lt.

31.52 32.24
9.94 9.22
3.29 3.29
Gut cb

0-10 = E. cb on Rt.

0-20

T.P. 12.9 41.46 11.78 40.17

0.88 51.95 51.07

33.2 34.0 39.0 41.8 42.5 43.6 43.6
8.3 7.5 2.5 +0.3 +1.0 +2.1 +2.1
20 10 6 10 20

34.36 34.6 35.9 37.1 42.6 42.7 43.0
7.10 6.9 5.6 4.4 +1.1 +1.2 +1.5
5 10 6 7 10 15
on walk

34.45 35.5 39.11
7.01 6.0 4.35
10 10
on Hub on cb.

32.07 32.44 33.64 34.15
9.39 9.02 7.82 7.31
2.47 2.47 1.61 10
cb

34.03 34.71 35.41 36.89 36.35 38.08 38.34
7.43 6.75 6.05 4.57 5.11 3.78 2.92
20 10 10 32.6 32.6
Pav. Pav. Pav. cb Gut Gut cb

34.39 35.20 36.05 36.91 37.84
7.07 6.26 5.41 4.55 3.62
20 10 20
Pav. Pav. Pav. Pav. Pav.

41.46

B.M. NWBR Logan ≈ 32 NO FB 1624
69

	Lt.		℄		Rt.
2+15	32.9 11.7 23 Edge Bluff	36.6 8.0 10	39.1 5.5	39.1 5.5 10	39.6 5.0 20
2+00					
1+97 = ℄ Elec Pole # PA 3224	33.8 10.8 24 Edge Bluff	38.2 6.4 10	40.9 3.7	41.3 3.1 10	41.8 2.8 20
1+50	34.4 33.9 10.7 29	38.0 6.6 16	39.3 5.3 10	40.3 4.3	41.3 3.1 10	43.3 1.3 25
	32.2 40 Edge Bluff				
1+00 # PA 3210 9.2' Rt = ℄ Elec. Pole	33.3 11.7 43	35.1 9.1 22	36.1 6.5 18	39.3 5.3 10	40.5 4.1	41.9 2.7 10	42.7 1.9 12	43.8 0.8 20
0+63				40.73 3.88 Floor.				
0+40	35.1 9.5 20	40.2 4.4 17	41.3 3.1 10	42.0 2.6	45.6 +1.0 10	46.6 +2.0 20
				44.63		
TP 4.88 44.63 1.71 39.75 41.46				~~41.46~~		

Alley Blk 285 - Seamus And Chantes

Lt. Ø Rt

FB 1624-71

Chk Grd. 2+37 10' Lt	4.4	29.3 ✓		
2+67				
2+37 = End Alley		16.6 (17.1)	12.3 (31.4)	40 Dirt Road 22
T.P.	1.66	33.71	12.58	32.05
		49.63		

(13.0)	(17.3)	(20.9)	(21.4)	(21.9)	(33.8)	(34.4)	
20.7	16.4	12.8	12.3	11.8	9.9	9.3	
40 in Dirt Road	14	13	10	0	10	20	
(28.3)	(29.27)		(31.3)	(33.0)	(34.4)		
5.4	4.44		2.4	0.7	+0.7		
15	10 on stub			10	20		

33.71

True elev. 8.46 lower than Gregory's levels

413.98
8.46
405.52

411.22
8.46
419.68

413.72
8.46
422.18

IMPROVED TABLES

AND

INFORMATION

+5

21+67   +5.1 / 15.5   +4.0   +6 / 0.0   00 / 8

57°35'