

NAME Highland-Division

Job 296

Class _____ Course _____ Party _____

X-SECTIONS

WATSON, VALLE & GOUGH

458

1932

FIELD NOTES

No. 403P

ESPECIALLY ADAPTED

TO THE USE OF

ENGINEERING STUDENTS

EUGENE DIETZGEN Co.

MANUFACTURERS

DRAWING MATERIALS

MATHEMATICAL AND SURVEYING INSTRUMENTS

MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

MICROFILMED

DEC 30 1964

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BENCH LEVELS	1-2
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E.P. Chilton RR
 Wally Reed π ①
 L.G. Covis †
 1-28-28

BENCH LEVELS

			65.06
	7395	66.455	
		11.915	54.540
	1463	56.003	
		10.453	45.550
	7826	47.376	
		9.635	37.741
	0590	38.331	
BM #1		8.946	29.385 = 35.397 6.12 29.277
BM #1			29.277
	8.946	38.223	
		0.618	37.605
	10.260	47.865	
		2.295	45.570
	10.457	56.027	
		0.532	55.495
	10.877	66.372	
		1.474	64.898
	11.305	76.203	
BM #2		2.422	73.781
	0.975	74.756	
		11.600	63.156
	0.840	63.996	
		10.120	53.876

on R.P. 40' Rt. Sta. 46+40 Euclid-Division - See #368
33

County Highway BM #8 - Spike in Cypress 25' Lt. Sta. 79+55
Highland Ave.

BM. Same as above - East Side Highland - 125' Rt. Division 1100

on letter "O" of abbr. word Oct. 1912 on S.W.
at N.W. Cor. Division & Marine View. 30' Rt. 11+10

53.876

0.342 54.218

7.321 46.897

2.580 49.477

B.M. #3

6.260 43.217

1.112 44.379

7.814 36.515

0.330 36.845

9.327 27.518

1.444 28.962

B.M. #4

4.415 24.547

3.288 27.835

11.810 16.025

1.840 17.865

B.M. #5

5.646 12.220

Nail in Tel Pole 30' Rt. 18+80

Nail in Power Pole J.S.-2, S.W. Cor. Division & Delbergia
45' Lt. 26+90

Nail in Guy Stub N.E. Cor. 1st & Main.

HIGHLAND AVE

ER Chilton (5)
Wally Reed.
L. G. Cavis.

W

E

35.39

28.69	28.68	29.19	30.39	30.44	30.47	30.93	30.89	29.59	29.39	30.89
6 ⁷	6 ⁷	6 ²	5 ⁰	4 ⁵	4 ⁹	4 ⁶	4 ⁸	5 ⁸	5 ⁹	4 ⁵
50	40	25	20	10		8	15	40	46	50

1+00

29.39	29.19	29.89	30.09	30.46	30.92	30.88	29.99	30.19	31.29	31.99	27.09	27.09
6 ⁰	6 ²	5 ⁵	4 ⁷	4 ⁵	4 ⁴	4 ⁵	6 ⁷	5 ²	4 ¹	3 ⁴	+1 ⁷	+1 ⁷
50	40	22	18	10		8	21	18	38	40	44	50

0+84

32.09	31.99	31.79	32.2	32.56	32.48	30.89	34.39	34.89	27.39
3 ²	3 ²	3 ⁶	2 ²	2 ²	2 ¹	4 ⁸	1 ²	+1 ⁵	12 ²
50	40	30	10	35.39	8	19	33	40	50

0+40

1.41 35.39

11.49 33.98

39.17	34.87	34.97	33.97	34.64	34.71	34.85	33.67	35.67	34.10
11 ²	10 ⁶	11 ²	11 ⁵	10 ⁸	10 ⁷	10 ⁷	11 ²	9 ⁸	7 ⁵
50	40	22	21	10		8	165	40	50

0+00

37.27	37.77	37.17	36.27	37.00	37.04	37.21	33.07	37.07	37.97	38.87
8 ¹	7 ²	8 ²	9 ²	8 ⁴	8 ⁴	8 ⁶	10 ²	8 ⁹	7 ⁵	6 ⁹
50	40	24	19	8		8	16	21	40	50

0-40 S.L. Division

0-50

37.67
7⁸

0-100

41.07
4⁴

0-150

9.03 45.47

44.37
1
1
π 45.47

0.17 36.44

7.33 36.61

TOP OF Concrete Covered
12" C.I. Water Main

B.M. #1

29.28

8

W. E.

35.39

3+04.30

23.09	24.79	27.89	27.89
12 ³	10 ⁶	7 ⁵	7 ⁵
130	100	50	75

3+04.30

26.09	26.09	25.39	23.99	23.39	23.29	24.89	25.29	25.69
9 ⁸	10 ³	9 ⁸	11 ¹	12 ⁰	12 ¹	10 ⁵	10 ¹	6 ⁷
50	40	29	22	14	15	32	40	46

3+04.30

Bridge Bulkhead

23.39	30.49	30.68	30.64	30.59	30.19	23.29		
Same as above	12 ²	4 ²	4 ¹	4 ⁷⁵	4 ⁸⁰	5 ²	12 ¹	Some as above
	14	14	9		9	15	15	

2+86

27.99	27.79
7 ⁴	7 ⁶
48	75

2+86

29.59	26.29	26.39	26.99	30.84	30.50	30.58	30.15	30.89	26.49	26.79	25.49	25.09
10 ¹	9 ¹	9 ²	8 ⁴	4 ⁵	4 ⁸⁹	4 ⁸⁴	4 ⁸⁹	4 ⁵	8 ⁹	10 ²	9 ⁹	10 ²
100	50	40	21	12	9		9	17	31	34	34	40

Water Valve

2+45.67

27.59	27.29	27.29
7 ²	8 ¹	8 ¹
46	55	75

2+45.67

P.C.

26.59	26.79	27.19	27.69	30.69	30.69	30.17	30.08	24.89	27.59	27.29	25.99	25.29
8 ⁶	8 ⁶	8 ²	7 ⁷	4 ⁷	5 ³⁰	5 ²²	5 ³¹	6 ⁵	7 ⁸	8 ¹	9 ⁹	10 ¹
75	50	40	22	15	9		9	21	28	33	37	40

1+78

24.79	27.19	26.89	24.09	30.39	29.89	29.87	29.75	28.79	28.29	26.79	28.09	27.09	
8 ⁴	8 ²	8 ⁵	7 ²	5 ⁰	5 ⁵⁰	5 ⁵²	5 ⁶⁴	6 ⁶	6 ⁸	9 ⁷	7 ³	8 ³	
50	40	34	19	14	10		8	19	30	33	38	40	47

1+50

27.39	27.39	27.89	30.69	30.69	29.87	27.10	29.87	29.69	28.59	28.39	28.29	26.39	28.29		
8 ⁰	8 ⁰	7 ¹	7 ⁵	4 ²	4 ¹	5 ⁵²	5 ⁴⁹	5 ⁵²	5 ⁷	6 ⁸	7 ³	7 ¹	9 ⁵	9 ³	6 ²
50	40	32	20	15	12	9		9	22	25	40	47	50	58	

4+56

W. E.

<u>3719</u>	<u>3649</u>	<u>3609</u>	<u>3294</u>	<u>3303</u>	<u>3298</u>	<u>3229</u>	<u>2879</u>	<u>2649</u>	<u>2759</u>	<u>2479</u>	<u>2219</u>
+18	+11	+3	+45	+36	+1	+3	+6	+8	+7	+6	+6
50	40	25	9	9	9	19	31	37	45	50	75

4+25

2869 2879

6² 6³

50 75

4+25

<u>3217</u>	<u>3059</u>	<u>3109</u>	<u>3210</u>	<u>3217</u>	<u>3207</u>	<u>3179</u>	<u>2879</u>	<u>2639</u>	<u>2669</u>
+3	+8	+2	+29	+22	+32	+6	+6	+9	+8
50	40	19	9	9	15	27	40	46	46

2849 2859

6² 6³

50 75

3+75

<u>2799</u>	<u>2809</u>	<u>2839</u>	<u>3120</u>	<u>3120</u>	<u>3113</u>	<u>3089</u>	<u>2629</u>	<u>2579</u>	<u>2619</u>
+7	+3	+7	+14	+19	+26	+5	+9	+9	+9
60	50	40	9	9	9	14	26	32	40

2819 2819

7² 7³

50 75

3+30

<u>2649</u>	<u>2629</u>	<u>2609</u>	<u>2629</u>	<u>3089</u>	<u>3092</u>	<u>3094</u>	<u>13095</u>	<u>31139</u>	<u>2869</u>	<u>2519</u>	<u>2579</u>	<u>2609</u>
+8	+9	+9	+9	+15	+17	+15	+6	+4	+6	+10	+10	+9
120	50	40	28	15	9	9	9	17	21	22	31	40

2689 2689 2499 2489 2489 2379

8² 12² 10² 10² 10² 11²

118 118 50 40 25 14

2449 2529 2599 2819 2829

10² 10² 9² 7² 7²

15 29 40 50 75

3+20.70

<u>2379</u>	<u>3029</u>	<u>3076</u>	<u>3077</u>	<u>3080</u>	<u>2989</u>	<u>2449</u>
Some as above	11 ² 5 ¹	4 ² 4 ²	+6 ²	4 ² 5 ²	10 ² 10 ²	7 ² 15
	14 14	9 9		9 15	15 15	Some as above

3+20.70

Bridge Bulkhead

(K)

B.M. #1 589 29.30 = 29.28

22.4 35.19

1135 32.95

61.00

51.50

51.00

51.00

10.61 44.30

170 33.69

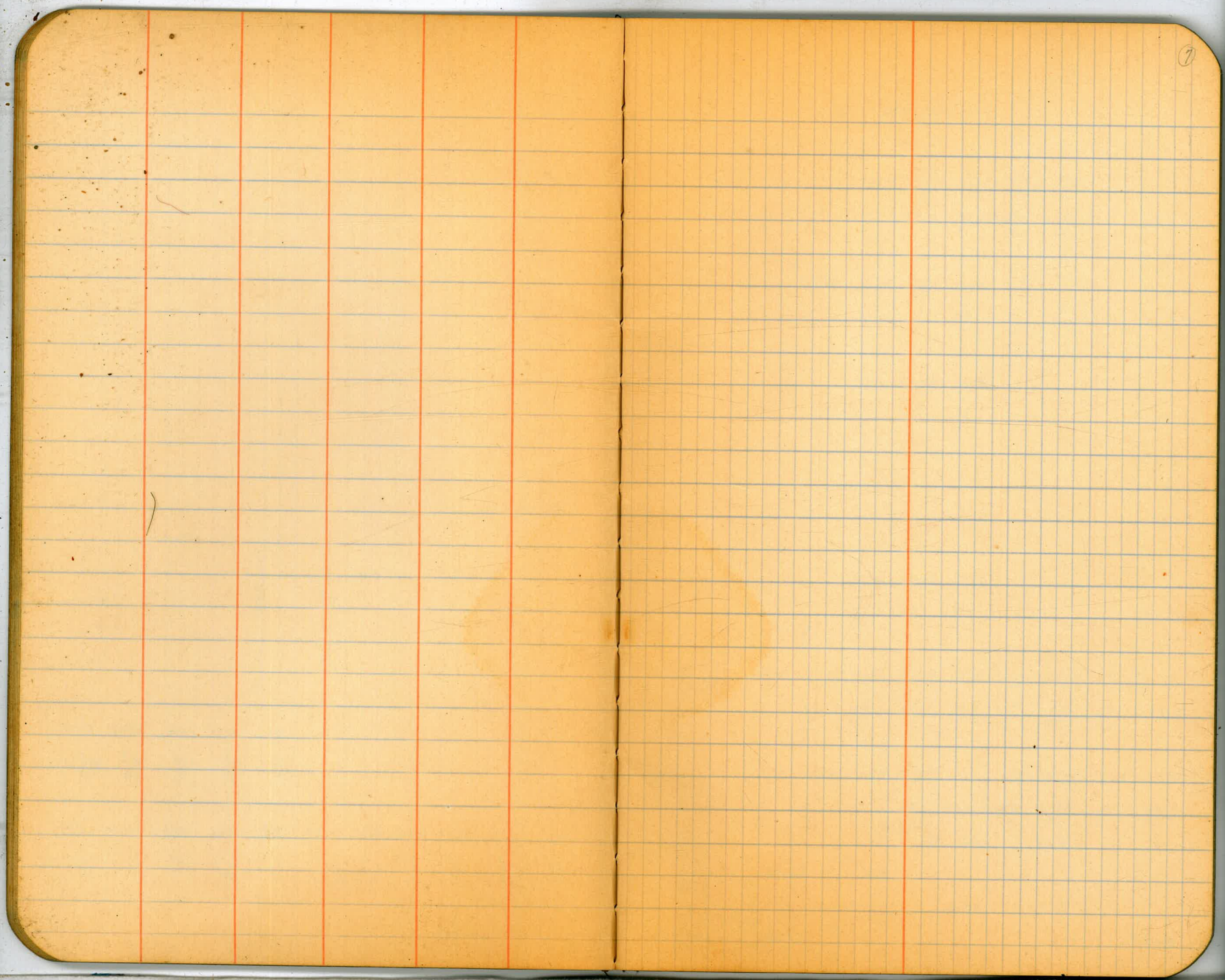
34.50
5.9
30.90
7.9

Drainage Channel

26.7 26.80 28.80 29.20 30.00
17.6 17.5 15.5 14.6 14.3
40 49 50 60 75

40.7 40.0 36.0 34.40 34.39 34.40 34.36 34.1 29.5 28.3 27.80
36 43 8.3 9.9 9.91 9.90 9.94 10.2 14.8 16.1 16.5
50 40 33 16 9 π 44.30 9 18 27 34 38 ←

Flood Protection



EP Chilton
 Wally Reed
 L.G. Covis
 1-28-28

8

DIVISION ST.

40.44

38.64 37.84 36.64 35.94 34.84 33.04 31.74 30.74

18 26 38 45 56 71 87 97
 50 40 24 7 8 44 50

37.04 36.34 33.94 32.24 31.74

31 41 65 82 87
 50 40 40 50

37.04 34.64 32.64

31 58 78
 40 40

36.94 34.64 32.64

35 58 78
 40 40

38.34 37.14 36.14 35.44 35.74 35.04 34.24 34.24

21 30 43 50 47 53 62 62
 50 40 9 11 27 40 50

38.84 38.04 36.94 35.74 35.84 37.14 37.24 37.34

16 28 35 45 46 33 32 31
 50 40 1 40.44 22 36 40 50

0+40 W.L. Highland

0+20

0+10

0+00

0-08

0-32

0-40 E.L. Highland

3.99 40.44

0.06 36.45

7.23 36.51

B.M. #1

29.28 See P. 1.

8

3+90

45.86

48.56	44.86	42.46	41.56	39.46	34.96	26.76	23.56
5.5.20	12 ³	1 ⁰	3 ⁴	4 ³	6 ⁴	10 ⁹	20 ³
	40	8	8	25	40	73	90

2+60

44.16	41.76	40.16	39.06	37.66	36.66	30.86	28.56	25.46
5.5.20	12 ¹	4 ¹	5 ⁷	6 ⁸	8 ²	10 ²	15 ⁰	20 ⁴
	40	19	8	5	18	40	50	75

3+25

40.36	39.86	37.86	34.76	34.96	33.56	31.16	28.86	26.96	26.86
5 ⁵	6 ⁰	8 ⁰	9 ⁴	10 ⁹	12 ²	14 ¹	17 ⁰	18 ⁴	17 ⁰
50	40	22	3	10	21	29	40	50	

3+00

10.08 45.86

38.56	37.56	34.86	32.36	30.16	28.46	27.16	26.86
7 ⁸	8 ²	11 ⁰	13 ⁵	15 ²	17 ⁴	18 ⁷	19 ⁰
50	40	6	7	10	22	40	50

1-30-28

2+71

466

35.38 T.P. on
Piece Lath
5' from Cor.
of House

40.44

36.24	35.24	34.24	33.14	32.64	29.24	27.24	26.74
4 ²	5 ²	6 ¹	7 ³	9 ⁸	12 ¹	13 ⁰	13 ⁵
50	40	17	8	15	40	50	

1-28-28
E.P. Chilton

2+50

35.14	34.74	33.84	31.04	29.44	27.24	27.64
5 ³	5 ²	6 ⁶	9 ⁹	11 ⁰	12 ⁵	12 ⁸
50	40	15	15	40	50	

2+00

35.64	34.24	33.14	31.64	29.84	28.14	27.84
4 ⁸	5 ⁵	7 ³	8 ²	10 ⁶	12 ³	12 ⁶
50	40	3	15	40	50	

1+50

37.24	36.54	34.14	33.34	32.24	30.24	29.04	28.34
5 ²	5 ²	6 ²	7 ¹	8 ²	10 ²	11 ⁴	12 ¹
50	40	3	9	25	40	50	

1+00

37.74	37.24	36.24	35.14	34.44	33.24	31.84	30.64	29.84
2 ⁵	3 ²	4 ²	5 ³	6 ²	7 ²	9 ⁰	9 ⁸	10 ⁶
50	40	22	2	6	24	40	50	

(R)

51.14

55.74 55.04 52.84 49.44 47.44 44.34 41.74 39.74 37.94 32.14 28.14 27.34
 +4⁵ +3² +1⁰ 12 3⁷ 6⁸ 9⁴ 11² 13² 19² 23⁸ 23⁸
 50 43 40 35 27 14 4 11 40 70 80

6+50

56.14 54.14 51.94 48.54 44.44 41.34 39.44 37.74 31.14 29.14 27.34
 +5⁸ +7² +0⁸ 2⁶ 6⁷ 9⁸ 11⁷ 13⁴ 20² 22² 23⁸
 50 41 40 34 20 12 5 40 60 75

6+20

55.74 53.54 51.94 46.84 44.94 42.14 40.14 38.44 36.74 30.84 29.04
 +4⁴ +2⁴ +0⁸ 4³ 6² 9² 11² 12⁷ 14⁴ 20³ 22¹ 55.20¹
 50 41 40 29 20 14 3 11 40 60

6+00

57.94 55.14 49.04 47.04 43.94 41.34 31.34 26.34
 +6⁸ +4² 7¹ 4¹ 7² 9⁸ 19⁸ 24³
 50 40 19 15 4 40 90

5+50

63.14 60.94 54.54 52.94 50.54 49.14 46.74 36.34 30.54 29.04
 +12² +9² +3⁵ +1⁸ 0⁶ 2² 4² 14² 20⁶ 22¹
 50 40 18 10 2 5 40 70 80

5+00

60.94 59.14 51.4 50.4 49.14 39.14 28.54
 +7⁵ +8² +0³ 1¹ 2² 13² 22⁶
 50 40 3 1 40 90

4+80

55.34 50.34 47.84 46.14 42.04 39.04 33.34 27.54
 55.10¹ +4² 0⁸ 3² 5² 9¹ 12¹ 17¹ 23⁵
 50 7 6 26 40 66 90

4+50

53.04 51.94 48.34 47.04 45.34 44.34 41.64 39.04 37.54 29.74 26.24
 +1⁷ +0³ 2⁸ 4¹ 5² 6⁸ 9⁵ 12¹ 13⁶ 21¹ 24¹
 50 40 17 8 7 22 40 48 73 90

4+20

5.30 51.14

0.64 45.24

9+90
6.88 78.67

9+98⁵⁷
W.L. Cottonwood

9+44
End Sidewalk W.L. Alley

9+22
E.L. Alley

9+08⁵⁷
E.L. Cottonwood

8+60
11.87 73.42

8+00
11.43 62.00

7+59³⁶
W.L. 42nd

6+99³⁶
E.L. 42nd St.

1.63 71.79

0.45 61.55

0.57 50.57

75.02 74.47 73.37 73.57 71.37 67.57 66.27 63.47
34 26 24 π 78.67 25 40 50 75
Edge S.W.

74.92 73.82 73.12 72.42 73.42 68.42 66.32 47.72 37.32 29.92
72.22 17.22
41° 10° 0° 1° 1° 7° 13° 25° 36° 48°
34 26 25 16 20 40 90 140 190
Edge S.W.

76.12 74.62 74.22 72.92
12° 10° 10° 0°
90 33 33 27
S.W.

76.12 73.42
12.7 0°
90 90

73.12 74.92 74.02 71.42 68.92 57.62 44.22 34.32 27.92
11° 15° 10° 7° 4° 15° 23° 29° 45°
50 40 40 9 40 90 140 190
Ret. Wall

74.42 73.62 71.42 66.02 59.22 55.72 45.02 42.32
0° 1° 1° 2° 1° 14° 17° 23° 31°
40 50 40 18 π 73.42 28 40 80 90
Top Retaining Wall

69.9 67.2 65.4 64.4 54.5 58.3 44.4 40.5 38.00
17° 15° 13° 16° 25° 3° 13° 21° 24°
50 40 22 10 4 π 62.00 40 75 90

53.34 51.84 60.74 60.34 57.14 54.44 51.14 43.34 36.14 35.84 29.14 26.14
12° 10° 19° 19° 16° 13° 12° 12° 15° 17° 22° 25°
50 40 34 25 18 10 40 80 100 150 200

55.44 53.34 53.44 50.24 49.34 46.74 45.14 43.04 36.34 34.54 31.04 28.74 22.64
14° 12° 0° 18° 4° 6° 8° 14° 16° 20° 22° 26° 28°
50 40 35 20 15 4 12 40 50 75 100 150 200

11+50

78.67

72.87	72.27	73.27	73.47	74.47	72.47	72.73
5 ⁸⁰	6 ⁴	5 ⁴	5 ⁶	7 ²	6 ²	5 ⁹⁸
33	24	4		23	27	31

S.W.

11+14⁹¹

W.L. Marine View

73.55	73.57	74.27	74.17	72.67	72.68	73.91
4 ⁸²	5 ¹	4 ³	4 ⁵	6 ²	5 ⁹⁹	4 ⁸⁶
34	24	5		26	26	30

S.W. End Curb Ret

11+10

Along Middle of Curb West Side Marine View.

73.79	72.80	72.66	71.86	70.89	70.07
4 ⁸⁸	5 ⁸¹	6 ⁰¹	6 ²¹	7 ¹⁸	8 ⁵⁰
40	90	100	150	200	250

11+04

77.27	76.87	75.47
1 ⁴	1 ⁸	3 ²
100	43	40

11+04

73.87	73.88	74.27	73.87	74.67	74.37	72.77	72.87	73.70	72.47	71.27
4 ⁸	4 ⁷⁹	4 ⁴	4 ²	4 ²	4 ²	5 ²	5 ⁸	4 ⁹⁷	6 ²	7 ²
38	39	29	23	4		24	40	40	50	100

S.W. Curb Ret

10+82

78.77	77.57
1 ¹	1 ¹
100	50

10+82

E.L. Alley

75.17	75.07	74.43	75.17	74.37	74.57	74.57	73.07	72.87	71.87
1 ⁵	3 ²	3 ²⁴	3 ⁵	4 ²	3 ⁸	4 ¹	5 ⁶	5 ⁸	6 ⁸
44	40	34	25	25	8		23	40	100

Edge SW

10+54²¹

E.L. Marine View

75.64	75.07	74.07	74.57	74.37	73.97	72.77	73.07	73.07	71.37	69.67
3 ⁰³	3 ⁶	4 ⁶	4 ¹	4 ²	4 ⁷	5 ⁹	5 ⁶	5 ⁶	4 ³	9 ²
34	25	23	10		6	29	40	50	100	150

Edge SW

10+25

75.49	74.87	74.07	73.87	71.87	71.97	71.17
3 ¹⁸	3 ⁸	4 ⁶	4 ⁸	6 ⁸	6 ⁷	7 ⁵
34	26	24		40	50	60

Edge SW R

68.11

13150 On to S.W.

59.31 60.08 60.72
880 803 739
40 100 150

13145

59.51 59.29
86 882 End Curb
20 27

13142

60.21
End Curb 790
22

13137 W. Curb Line "D" Ave

59.44 59.01 60.29 60.01 60.21 60.31 61.01 59.71 59.91 59.88
867 91 782 81 780 78 71 89 83 823 S.W.
100 100 50 50 32 32 23 28 31
Curb Curb Curb

13117 E "D" Ave

61.21 61.81 62.11 60.91 61.31 61.27
69 63 62 72 68 684 S.W.
100 40 20 27 31

12197 Curb Line "D" Ave

62.18 61.21 62.77 62.11 62.81 63.21 61.51 62.61 62.54
578 67 515 62 55 49 62 55 557 S.W.
100 100 32 32 25 22 28 31
Curb Ret. 517
24

12192

12150

100 68.11

65.92 65.91 66.31 66.81 66.21 65.92
S.W. 219 22 18 33 24 219 S.W.
33 22 24 28 31
X 68.11

11.60 67.11

4.93 78.71

78.67

B.M. # 2 4.93 73.74 = 77.78 Sec P.1.

12100

69.37 69.87 69.57 69.87 69.47 69.27 69.36
S.W. 93 88 91 88 102 99 932 S.W.
33 24 22 23 26 31

R

16+25 E.P.L.
312 49.41

46.17 45.81 46.31 45.61 45.71 46.09
SW 3²⁴ 3⁶ 3¹ 3⁸ 3⁷ 3³² End Curb 3¹⁸
25 19 49.41 27 26 26 31 SW

16+00 11.36 46.29

57.65
44.77 44.35 46.95 45.95 44.50 46.69
S.W. 10⁸⁸ 11³ 10⁷ 11⁷ 11¹ 10⁹⁶ S.W.
25 20 22 27 31

15+25 W.L. Elm Drive

48.35 48.15 48.18 49.05 47.65 48.22
9³ 9⁵ 9⁴⁷ 8⁶ 10⁸ 9⁴³ S.W.
100 40 25 24 31

15+05 E.L. Elm Drive

48.85 48.85 48.81 48.95 50.15 48.55 49.45 49.65
8⁸ 8⁸ 8⁸⁴ 8⁷ 7⁵ 9¹ 8⁷ 8⁸⁰ S.W.
100 40 25 20 22 26 31

14+50 0.26 57.65

52.67 52.85 53.45 52.45 53.45 53.66
S.W. 4⁹⁸ 5¹ 4² 5² 4⁷ 3⁹⁹ S.W.
25 20 52.65 23 26 31

14+05 W.L. 41st St.

11.22 56.89

55.86 55.74 68.11 56.21 56.91 57.28
S.W. 12²⁵ 12⁴ 11⁵ 11⁹ 11² 10⁸⁹ End Curb Ret.
25 19 23 26 26

14+00 On & S.W. W. 41st

57.92 58.69 57.34
10¹⁹ 9⁴² 8⁷⁷
40 100 150

13+96 W. Gutter Line 41st

56.67 56.61 57.21 56.91 57.51 57.93 58.31
11⁴⁴ 11⁵ 10⁹ 11² 10⁶ 10¹⁸ 9⁸
25 20 28 40 90 100
SW End Curb Ret.

13+56 E Gutter Line 41st

59.34 59.81 59.71 58.91 59.11 59.11
8⁷⁷ 8³ 8⁴ 9² 9⁰⁰ 9⁰
25 18 23 40 100
End Curb Ret. (R)

18+50

49.41						
42.59	42.71	42.91	43.01	42.81	42.5	
S.W. 6.82	6.7	6.5	7.1	6.6	6.46	S.W.
25	20		24	28	31	

18+00

43.41	43.51	43.61	42.71	43.61	43.69	
S.W. 6.01	5.9	5.8	6.7	5.8	5.72	S.W.
25	20		24	28	31	

17+45

W. L. Dahlia Drive

44.41	44.41	44.3	44.2	44.31	43.61	44.4	
5°	5°	4.8	4.9	5.1	5.8	4.97	S.W.
100	50	33	25		24	31	
			S.W.				

17+25

E. L. Dahlia Drive

44.41	44.41	44.63	44.64	44.71	44.11	44.21	44.82	
5°	5°	4.8	4.97	4.7	5.3	4.7	4.59	S.W.
100	50	33	25		23	27	31	
			S.W.					

16+95

W. P.L.

45.08	45.01	45.21	44.81	45.11	45.27	
S.W. 4.23	4.2	4.2	4.6	4.30	4.4	S.W.
25	20		26	26	31	
			End Curb			

16+90

± S.W.

45.23	44.8	43.75	
4.8	4.23	5.06	
40	100	150	

16+85

W. Gutter Line

44.71	45.2	43.71	
4.7	4.29	5.7	
40	40	100	
	Curb Ret		

16+45

E. Gutter Line

45.41	46.01	43.91	
4.3	3.8	5.5	
40	40	100	
	Curb Ret		

16+40

± S.W.

46.22	44.96	43.93	
4.13	4.15	5.48	
40	100	150	(R)

B.M. #3

19100

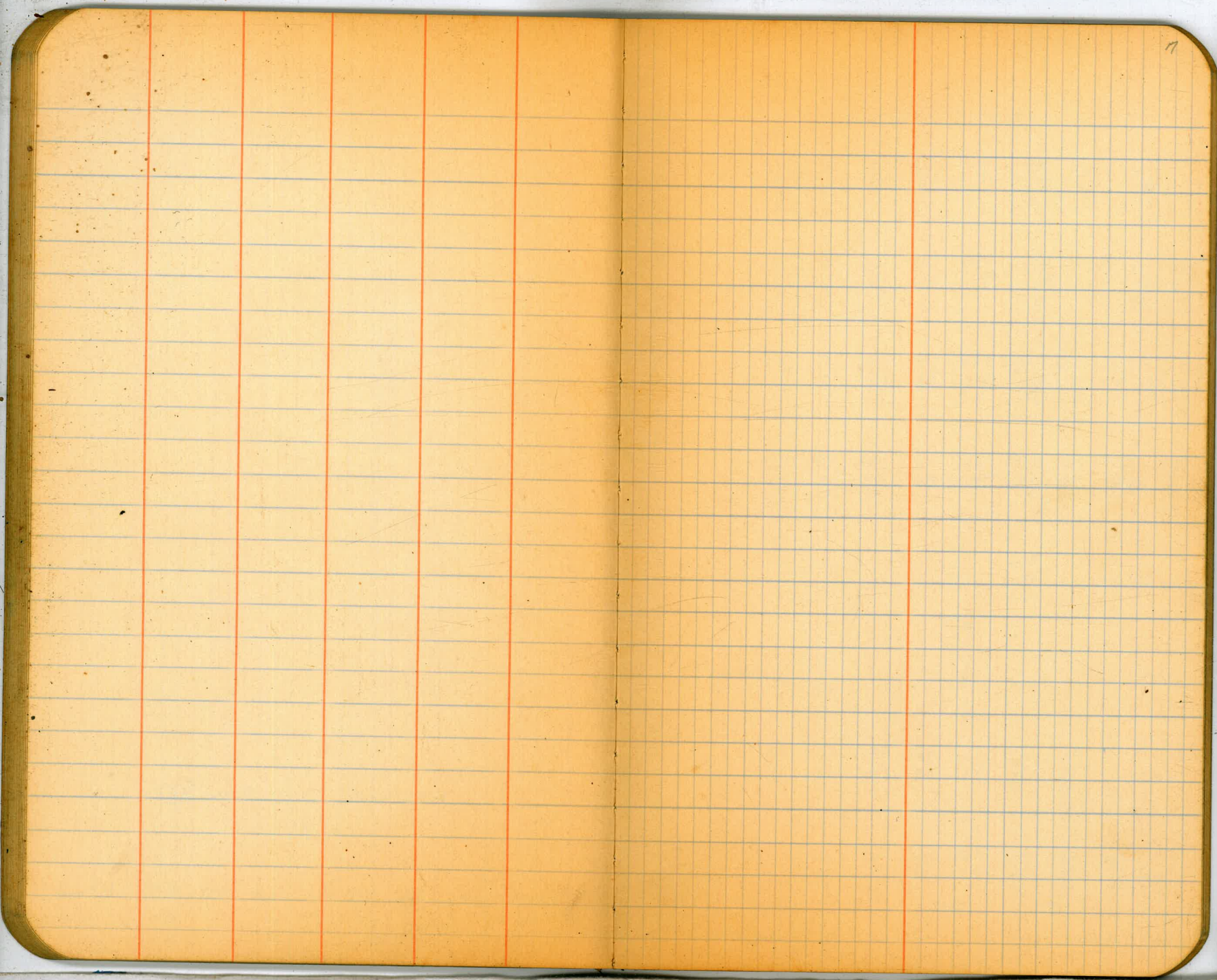
6.18

43.23 - 43.22
500 P. #2

X-Sections Cont. Bank #457

49,41

	41.75	41.91	42.11	41.21	42.01	42.11	
S.W. 166	75	78	8E	79	730	SW.	
25	20		24	27	31		R



7

NATIONAL AVENUE

East

Thompson
4-5-28

18

West

2+00

22.01	21.6	21.3	21.8	21.68	21.57	21.8	21.54
5.88	6.3	6.6	6.1	6.21	6.30	6.1	6.35
33	22	18		9	20	33	53
SW							SW

1+50

22.52	22.2	21.8	22.3	22.29	22.29	22.3	22.0	22.26
5.37	5.7	6.1	5.6	5.60	5.60	5.6	5.9	5.63
33	21	14		9	20	27	45	53
SW								SW

0+98

Frog

23.11	23.2	22.4	23.0	22.96	23.0	22.9	23.4	22.7	23.11
4.78	4.7	5.5	4.9	4.95	4.90	5.0	4.5	5.5	4.78
33	20	14		9	14	19	28	40	53
SW						Frog			SW

0+52⁵⁰

Point of switch

23.79	23.4	23.0	23.7	23.65	23.8	24.0	23.6	23.68
4.0	4.5	4.9	4.3	4.24	4.1	3.9	4.3	4.2
33	18	13		9	21	30	40	53
SW								SW

0+43

23.85
4.05
53
End SW

0+39

Curb Ret.

23.8
4.1
26

Top East Rail

0+25

23.8	23.9	23.4	24.0	24.11	24.1	24.0
4.1	4.0	4.5	3.9	3.8	3.9	3.9
40	36	10		9	38	60

0+00

24.8	24.0	24.4	24.38	24.0	24.4	24.1	25.0
3.1	3.8	3.5	3.1	3.9	3.5	3.8	2.9
40	14		9	16	28	48	60

B.M. # 4

334

27.89

24.55

Nail in P Pole J.5-2 S.W. Cor. Division & Delbergia
See P.2



4+00

20.74
7.5

3+50

20.81
7.08

3+00

20.86
7.03

2+94.50

20.87	20.20	19.74	20.89	20.96	20.96	19.0	20.12	20.35
7.02	7.19	8.15	7.0	6.93	6.93	8.9	7.77	7.54
26	26			9	20		46	53
Curb	Gutter	F.L. Curb					F.L. Curb	Curb SW

2+89.5

End Curb

20.95						20.04	
6.94						7.85	
26						46	
						End Curb	

2+50

21.44	21.1	21.5	21.31	21.07	20.7	20.82
6.45	6.8	6.3	6.88	6.82	7.1	7.07
23	17		9	20	41	53
SW						SW

