

NAME Crown Point.

Class Course Party

Book 4

#78

1961

# 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



	Prop. Grade.	Grade Rod.	Cut.
5.83	<u>27.76</u>	.	21.93
	22.2	5.56	-0.2
	21.0	6.76	+1.0
	23.0	4.76	-1.4
	23.0	4.76	-0.9
	24.0	3.76	+0.5
	24.0	3.76	= Grade
	23.3	4.4	-1.4
	24.5	3.2	+0.0
	23.8	4.0	-0.2 ✓
	24.0	3.7	+0.1
	25.0	2.76	+1.2
	25.2	2.5	+0.6 ✓
	<del>25.7</del> 2.0		

B.M. S.W. Cor. Morland + Riviera.

N.W. Cor. Mor. + Riv.

S.W. Cor. Mor. + Riv.

N.E. Cor. Mor. + Jewell.

N.W. Cor. Mor. + Jewell.

S. Ret. on Jewell. West Side.

S. Ret. on Jewell. East Side.

N. End. Jewell. West Side

N. End. Jewell. East Side

N.E. Cor. Mor. + Howard.

N.W. Cor. " + "

East Ret. Alley

West Ret. Alley.







Curb  
Grade

5.98

27.91

21.93

20.7 7.21

21.9 6.01

22.7 5.21

22.8 5.11

23.3 4.61 +0.9

24.0 3.91 +0.7

23.7 4.21 Gr.

23.7 4.21 C 0.6

23.7 4.21 C 0.6



Morland.

3.67

32.73

29.06

24.9 7.83 ✓

25.05 7.68 ✓

25.15 7.58 ✓

25.4 7.33 ✓

25.25 7.48 ✓

25.35 7.38 ✓

26.7 6.03 ✓

27.0 5.73 ✓

26.5 6.23 ✓

27.5 5.23 ✓

28.0 4.73 ✓

28.4 4.33

Bu. Malond + Cr. Point. P.I. West.



32.73

27.70 5.03 +0.3

28.70 4.03 +1.2 20.7

24.70 8.03



Yosemite

9.03 (38.09) 29.06

Bm.

28.2 9.89 Gr.

28.7 9.39 Gr.

29.5 8.59 ✓

29.7 8.39 ✓

29.7 8.39 ✓

29.9 8.19 ✓

29.9 8.19 ✓

30.1 7.99 ✓

31.2 6.89 ✓ +2.6

Hgtam.

31.5 6.59 ✓ +2.6

Stub

32.2 5.89 ✓ +1.6



38.09

17

Ingram, E. 31.2 6.89 +2.7

W. 31.7 6.39 +2.6

E 31.2 6.89 +2.9

W. 31.7 6.89 +2.5

End Stat. 32.6 5.49 +1.0



7.60 (41.54) 33.94

33.2 8.34 -

33.33 8.21 - +0.1

alley

33.33 8.21 G.

bet.

Ing & Prom 33.53 8.01 G.

33.53 8.01 +0.2

33.70 7.84 +0.3

34.70 6.84

Prom

South.

34.45 7.09

35.20 6.34

35.20 6.34 +1.8

34.20 7.34



41.54

34.70 6.84 - 1.5

35.35 6.19 - 1.5

From

36.0 5.54 + 0.9

Stub.

35.0 6.54 - 0.6

35.0 6.54 + 2.3

37.0 4.54 + 1.3

37.35 4.19 + 1.6

37.70 3.84 + 2.0



11.55 (44.73) 33.18

Alley bet 38.70 6.03  
Prom. Haines

36.20 8.53 ✓

35.35 9.38 +3.6

Haines  
Stub  
East.

34.50 10.23 +3.3

33.50 11.23 +2.3

33.00 11.73 +1.1

Haines  
Stub  
West.

33.50 11.23 +2.4

32.85 11.88 +2.1

32.20 12.53



44.73

38.20 6.53 +3.4

37.70 7.03 +3.8

37.45 7.28 +4.0

37.20 7.53 +4.0



+	H.I.	F.I.C.
656	28.49	21.93 217.250

4.31	23.16	18.85 B.M. 100
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9.20	28.05	18.85 B.M. 100
------	-------	----------------

6.73	36.42	30.19
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H.I. 285

	Grade	Grade Rod.	Rod	Cor or Fill
	732	48	42	+06
N.E. Lamont	7395	455	365	+09
	742	43	33	+10

SE Lamont	742	38	17	+16
	747	38	17	+16
	747	38	202	118

S. Divaca	1820	496	346	C15
west.	1795	521	421	C10
N.	1770	546	446	C10

	702	785	735	C05
Frontera.	7095	710	660	C05
North	717	635	485	C15

	797	672	562	C12
Haines	7895	747	577	C12
South.	782	822	682	C140
East.				

	30.7	572	332	C240
Haines	30.7	572	322	C15
North	30.7	572	252	C22
East.				



6.19 (28.12) 21.93

6.2 21.9

6.2 21.9

6.6 21.5

3.8 24.3

4.0 24.1

2.0 26.1

T.P. 6.85 (33.02) 1.95 26.17

5.9 27.1

3.8 24.3

5.1 27.9

3.5 29.5

3.95 29.07

B.m.

9.04 (38.11) 29.07

4.6 33.5

3.4 34.7

4.7 33.4

4.9 33.2

Morland + Riviera. P.I., South,

Mor. + Riv. South,

" " " North.

Mor. + Jewell. East. } North,

Mor. + Jewell. West. } Side

Mor. + Jewell. East. } South,

" " " West. } Side.

Mor. + Yosemite. East } North,

" " " West } Side.

Mor. + Yos. East } South,

" " " West } Side.

Mor + Ingram<sup>East</sup> } South.

Mor + Ingram<sup>West</sup> } Side

Mor + Ingram<sup>East</sup> } North

Mor. + Ingram<sup>West</sup> } Side



38.11

5.1 33.0

5.3 32.8

4.8 33.3

3.6 34.5

7.B 36.8

2.8 35.3

~~4.1~~

9.02 (42.70) 4.43 33.68

3.2 39.5

1.3 41.4

1.8 40.9

T.P. 0.92 (41.88) 1.74 40.96

2.3 39.6

8.0 33.9

8.1 33.8

12.0 29.3

8.70 33.18

check.

Bm

Alley. North. side. East. line } bet. Ingram + Prom.  
" " " West. line }

Lot Stake. South. Side. bet. Ingram + Prom

Mor. + Prom. East } South  
Mor. + Prom. West } Side.

Mor. + Prom. East } North  
~~Mor. + Prom. West~~ } Side

Mor. + Prom. West } North Side.

Mor. + Bayonne East } South  
Mor. + Bayonne West } Side

Mor. + Haines East } North  
Mor. + Haines West } Side

Mor. + Aloha East } South  
Mor. + Aloha West } Side  
P.I. Aloha. East.



Pr 0.42 33.60 33.18

28.9 4.70 +1.4

Alley bet 28.3 5.30 +1.3

Haines and  
Fronters. 28.7 5.50 +1.2

27.3 6.3 +1.0

27.5 6.1 +0.8

26.9 6.7



Rivera.

West line

0600

1°08.4

0740

2°16.8

0780

3°25.2

1+20

4°59'

~~1+70~~<sup>34</sup>

East line.

0400

0440 1°05'<sup>2</sup>

0480 2°10'<sup>4</sup>

0420 3°15'<sup>6</sup>

1750 4°04'<sup>8</sup>

1782<sup>98</sup> 4°59'



# Riviera

Pod.

5.25 (27.18) 21.93

W. 21.9 5.28 +0.7

E. 22.1 5.08

22.1 5.08

22.2 4.98

W 21.8 5.38 -0.8

E. 21.3 5.88 +0.8

21.7 5.48 +0.8

W. 19.3 7.88 +0.6

E. 19.3 7.88

4.27 (24.17) 19.90

17.2 6.97 +3.3

30



X- Sec. Ririera. East.

East.

West

B.M. 4.76 26.69 21.93

$\begin{array}{r} 18.2 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 20.7 \\ \hline 28.5 \end{array}$ 
 $\begin{array}{r} \text{Curb} \\ \hline 22.1 \end{array}$ 
 $\begin{array}{r} 21.8 \\ \hline \end{array}$ 
 P.I. Ho b. South.  $\begin{array}{r} \text{PROP.} \\ \hline 21.9 \end{array}$

0-100

0-150

$\begin{array}{r} 20.2 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 21.9 \\ \hline \end{array}$ 
 $\begin{array}{r} 21.8 \\ \hline \end{array}$ 
 $\begin{array}{r} 21.7 \\ \hline \end{array}$

1-100

$\begin{array}{r} 20.8 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 21.9 \\ \hline \end{array}$ 
 $\begin{array}{r} 21.7 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.0 \\ \hline \end{array}$

1-11 P.C.

$\begin{array}{r} 20.7 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 21.9 \\ \hline \end{array}$ 
 $\begin{array}{r} 21.8 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.1 \\ \hline \end{array}$

~~1-150~~

1-160<sup>62</sup> P.T.

$\begin{array}{r} 21.2 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 22.1 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.0 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.3 \\ \hline \end{array}$

2-100

$\begin{array}{r} 21.0 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 22.2 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.3 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.4 \\ \hline \end{array}$

2-150

$\begin{array}{r} 20.7 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 22.1 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.3 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.4 \\ \hline \end{array}$

3-100

$\begin{array}{r} 21.2 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 21.5 \\ \hline \end{array}$ 
 $\begin{array}{r} 21.8 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.0 \\ \hline \end{array}$

3-30<sup>44</sup> P.C.

$\begin{array}{r} 20.9 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 21.6 \\ \hline \end{array}$ 
 $\begin{array}{r} 21.7 \\ \hline \end{array}$ 
 $\begin{array}{r} 22.0 \\ \hline \end{array}$

T.P. 2.21 24.27 4.63 22.06

14-100

$\begin{array}{r} 20.2 \\ \hline 30 \end{array}$ 
 $\begin{array}{r} 21.0 \\ \hline \end{array}$ 
 $\begin{array}{r} 21.0 \\ \hline \end{array}$ 
 $\begin{array}{r} 21.4 \\ \hline \end{array}$



~~450~~ 24.27

450

5409<sup>66</sup> P.T.

5450

6400

7450

7400

750

8400

Hole washed.  
Here. in bank.

Bank slaving.  
from. Top.

$\frac{19.4}{30} \frac{20.4}{29} \quad 20.3 \quad 20.6$

$\frac{10.0}{30} \frac{16.3}{23} \frac{17.5}{20} \quad \frac{19.4}{15} \quad 19.4 \quad 19.7$

$\frac{6.0}{30} \frac{16.1}{22} \frac{19.0}{15} \quad 18.8 \quad 19.1$

$\frac{11.0}{20} \frac{15.7}{18} \frac{18.3}{12} \quad 18.5 \quad 19.3$

$\frac{4.0}{30} \frac{13.0}{20} \frac{18.4}{18} \quad 18.8 \quad 18.7$

$\frac{9.0}{30} \frac{18.6}{22} \frac{19.2}{17} \quad 19.2 \quad 19.1$

$\frac{10.0}{30} \frac{19.1}{22} \frac{20.1}{18} \quad 19.6 \quad 19.5$

$\frac{11.0}{30} \frac{18.9}{27} \frac{20.1}{20} \quad 19.8 \quad 19.8$



X-Sec. Running North  
on W. Rivera

West.

East  
Prop.

0+00 = Lot 418-419. First Lot Stake  
South of (Pt. # 143. P.I. of Return.)  
Assumed. Elev. +20.0

Bm. 4.0 24.0 20.0

0+00		$\frac{8.0}{35}$	$\frac{18.6}{25}$	$\frac{19.4}{20}$	19.6	20.0
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0+50	Bank sloping		$\frac{5.0}{30}$	$\frac{19.5}{20}$	19.0	19.7
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0+85	Bank sloping.	$\frac{7.0}{33}$	$\frac{17.8}{23}$	$\frac{18.3}{20}$	19.1	19.6
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1+50		$\frac{6.0}{35}$	$\frac{18.0}{25}$	$\frac{18.4}{20}$	19.0	19.3
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1+55	Wash in top of bank.	$\frac{8.0}{30}$	$\frac{13}{25}$	$\frac{15.0}{21}$	$\frac{18.3}{20}$	19.0
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2+00		$\frac{11.0}{30}$	$\frac{18.0}{24}$	$\frac{18.7}{20}$	19.0	19.4
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X- Sec. North on W. Rivera.

6.35 25.20

18.85

0400 = 168 - 1671

0400

0450

1400

1450

2400

Top of  
Bank  
Sloping.

West.

E. Prop.

Pan. Mor. & W. Rivera.

$\frac{12.0}{30}$	$\frac{19.5}{25}$	$\frac{20.1}{20}$	20.2	20.1
$\frac{6}{25}$	$\frac{16.0}{20}$	$\frac{20.2}{17}$	20.2	20.4
$\frac{6.0}{25}$	$\frac{13.0}{20}$	$\frac{21.0}{15}$	20.5	20.4
	$\frac{7.0}{30}$	$\frac{20.7}{20}$	20.2	20.9
	$\frac{20.5}{25}$	$\frac{21.0}{20}$	20.4	20.9



~~mu 8764~~

8172

29.5



013  
 4.2  
 1.3  
 5.5  
 2.7  
 2.8

190  
 2.7  
 5.4  
 3.7  
 3.3

1460  
 2.6 x 62.9 =

WATSON, VALLE & GOUGH