

NAME Broadway Extension

Unit No. Unit. N<sup>o</sup> 2.

Class \_\_\_\_\_ Course \_\_\_\_\_ Party \_\_\_\_\_

Lemon Grove Road. S.W.

B.M. B.M.

1972

211.

# FIELD NOTES

No. 403P

ESPECIALLY ADAPTED

TO THE USE OF

ENGINEERING STUDENTS

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**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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BME	5-9
Profile 157 to 189	20-25

# SAN DIEGO AVE

Grade Stks -

	+	H.	-	Grd Rod Lt.	Grd Rod Rt.
Btu 0+00					
+25					
+50					
1					
+50					
2					
+50					
3					
+50					
Btu 4	0.60	143.67		6.5	9.5
+50				7.0	8.0
T.P.				6.86	138.96

Profile  
Elev.

Stks

Profile Elev.	Lt.	Rt.
443.02	On Curb	SW Cor. RR & San Diego
441.70	0.20 21.0	
441.35		
440.64		
439.93		
439.44		
438.50		
438.04		
437.57		
443.02	On Curb	SW Cor RR & San Diego
437.11	0.04 25.7	6.0 25.7
436.64	Cor 25.1	6.0 26
		at Hub 26 Rt 4+50

	+	H.	-	Grid Lt.	Rod Rt.
5					
+50					
6					
+25					
+50					
+75					
7					
+25					
+50					
+75					
8					
1					

Prof. Elev.	Lt.	Rt.
36.18		
35.71		
35.45		
35.00		
34.90		
34.80		
34.70		
34.60		
34.70		
34.80		
35.00		

Grd Rod.  
ht. Rt.

Prof.

H.

Rt.

+ H. -

8+25

435.20

+50

35.45

9

35.95

+50

36.46

10

36.96

+50

37.47

11

37.97

+50  
+1.00%

38.48

12

38.98

+50

39.49

13

39.99

+ H. - Grd Rod Lt Rt

Prof. Elev. Lt Rt ↓

13+50

20.50

14

41.00

+50

41.50

15

442.00

+75

V.C.

BROADWAY EXTENSION  
UNIT NO. 2

B<sub>lv</sub> 248.32

0.06 248.38

11.74 236.64

2.10 238.74

B<sub>lv</sub># 21 7.58 231.16

3.20 234.36

4.24 230.12

1.29 231.41

12.07 219.34

0.33 219.67

11.87 207.80

1.96 209.76

11.51 198.45

B<sub>lv</sub># 20 9.98 208.43

0.24 207.99

2.74 210.73

7.90 204.83

0.23 203.06

B<sub>lv</sub># 19 8.82 194.44

5.43 199.67

BENCH LEVELS CONT.

B<sub>lv</sub># 13 Euclid Ave - See Book # 5/22  
Top of steel Axle # Sta 119+22.98

35' R Sta 188+90 on 1x1 Hub.

CITY DATUM

On 1x1 Hub 65' R. 182+15

On 1x1 Hub 54' R. 175+85

	199.67			
	2.84	198.45	4.06	195.61
	3.54	199.05	2.91	195.54
Bln#18			4.36	194.72
	6.95	201.67		
	5.66	205.11	2.22	199.45
Bln#17			8.48	196.63
				196.74

1x1 Hub 60 Lt 165+50

2x2 Hub 32 Lt 158+50

202.86 { Elev. (County Datum)  
 { See Bl#63/

6.12  
 196.74 = Elev Bln#17 - City Datum  
 Running from the East



Cont'd from Pg. 26

B.M.

hub 50' R 27+30

225.21

On hub 50' R 27+30

7

Sta.	+	-	el.
B.M.	2.47	227.68	10.70 216.98
	4.44	221.42	
33+00	6.79	221.86	6.35 215.07
	1.37	214.80	8.43 213.43
	.55	207.70	7.65 207.15
	1.19	199.84	9.05 198.65
	.85	189.56	11.13 188.71
	2.75	180.68	11.63 177.93
T.P.	1.56	170.61	11.63 169.05
B.M.	1.30	166.14	5.77 164.84
B.M. <sup>20.77</sup> 43.6763	1.18	159.62	7.70 158.44 158.54

Rec. El. =  
hub 2.4.16

B.M.

1'x1" hub 40' S. of Sta 43+00

Old B.M. no elevation marked on it.

Sta	+	H.I.	-	Elev.
		159.62		
T.P.			11.35	148.27
	0.62	148.89		
T.P.			11.47	137.42
	0.61	138.03		
T.P.			10.56	127.47
	0.47	127.94		
B.M.			7.48	120.46
	4.71	125.17		
T.P.			4.34	120.83
	2.95	123.78		
B.M.			2.85	120.93
	2.85	123.78		
T.P.			11.64	112.14
	0.78	112.92		
T.P.			8.80	104.12
	1.05	105.17		

Iron pipe at N.E. Cor of School property.

Iron pipe at N.W. Cor of School property

Sta + H.I. - Elev

105.17

T.P. 6.19 98.98

Nail in stump

9

Oct. 9, 1926. M.H. Peterman.  
Todd,  
Spaulding.

Sta.	+	H.I.	-	Elev.
B.M.				248.32
	0.07	248.39		
			10.48	237.91
	0.64	238.55		
B.M.#21			7.39	231.16
	1.11	232.27		
			11.88	220.39
	0.65	221.04		
			11.81	209.23
	10.92	220.15		
			0.72	219.43
	10.39	229.82		
			5.18	224.64
T.P.			3.90	225.92
	9.44	235.36		
			3.53	231.83
T.P.			2.55	232.81
	0.24	233.05		
			2.11	230.94
	9.00	239.94		
			7.42	232.52
			4.97	234.97
T.P.			10.55	229.39
	1.79	231.18		

Check Bench Levels -  
Euclid Ave. Westerly. To  
Sta 40+00 (Chollas Valley)

(10)

B.M.#13 - Euclid Ave. Book #51, Pg. 22

Elev. 231.16 Pg. 5.

T.P. 2x2 Sta. 7+50 Elev. 224.52 Pg. 26

B.M. 2x2 Sta. 13+00 Elev. 231.71 Pg. 26.

T.P. Sta. 22+00 Elev. 232.42 Pg. 26.

T.P. Sta. 25+00 Elev. 234.87 Pg. 26.

Sta.	+	H.I.	-	Elev.
		231.18		
B.M.			5.90	225.28
T.P.			9.02	222.16
	2.24	224.40		
B.M.			9.24	215.16
T.P.			10.67	213.73
	0.96	214.69		
			11.91	202.78
	0.50	203.28		
			12.05	191.23
	0.88	192.11		
			12.10	180.01
	3.20	183.21		
B.M.			5.24	177.97

2X2 50.0 Rt. Sta. 27+30 Elev. 225.20 P. 26.

2X2 Sta. 33+00 Elev. 215.07 P. 7.

R.R. Spike Sta. 40+00 Elev. 177.93 P. 7.

$$\begin{array}{r} 112 + 2840 \\ \hline \end{array}$$

$$118 + 2840$$

$$\begin{array}{r} 119 + 29.69 \\ 117 + 98.89 \\ \hline \end{array}$$

$$30.80$$

18.

$$\begin{array}{r} 384 \\ 1 \\ \hline 28 \quad 284 \\ \quad 244 \\ \hline 6000 \end{array}$$

36

2.2

22

22

44

44

484

100

384

16

$$\text{Cross} = \frac{22}{10}$$

\$20 - - \$1

\$20 - - 50c

\$10 - - 25c

\$2 - - 5c

50c - - 1c

\$5 - - 10c

THIS PACKAGE CON

13



14

15

16

17

18

19

Profile  
BROADWAY EXTENSION  
157+56.95 to

	+	H.I.	-	E.I.
B/W #17				
	8.48	205.11		

196.63 On 2x2 Hub

See Fig. 6

157+56.95 P.I.			+2.5	
158			25	
+50			29	
+85			6.7	
159			6.9	
+50			7.0	
160			6.5	
+50			8.9	
161			11.5	
			11.73	193.38

2.10 195.48

+50			2.7	
+73			3.1	
+88			6.7	
162			7.4	
+50			6.4	
+60			6.1	
+65			4.9	

20

	195.48		
163		4.3	
+50		5.0	
TP		1.85	193.63

12.21	205.84		
-------	--------	--	--

+85		8.6	
164		9.0	
+15		8.7	
+37		3.7	
+50		3.2	
+85		4.4	
165		10.2	
+30		10.3	
+33		1.9	
+50		6.7	
+88		7.9	
		8.05	199.99

	1.58	199.37	
Bln #18		4.64	194.73 194.72
	3.02	197.94	

166		0.6	
+10		1.3	
+14		2.8	
+38		3.1	
+44		4.3	

On Stamp 1<sup>st</sup> Pt. 163+57

See Pg 6



197.71

167	7.0
+50	7.3
168	6.7
+15	4.8
+43	7.2
+57	5.5
169	7.0
+26	6.5
+50	7.0
170	8.3
+50	8.6

11.43 200.58 8.59 189.15

171	11.1
+50	9.9
+78	8.0
172	7.5
+25	6.8
+50	6.1
173	6.6
+26.70	6.2
+50	4.9
174	4.9
+50	8.1

\* Draw

20

20058

174+71	13.8
+87	8.6
175	7.7
+21	8.0
+50	11.1
+61	16.3
+83	13.1
+85	13.4
+87	10.8
176	9.6
+50	4.8
Blu # 19	6.37 194.51 194.24
11.30 211.44	0.44 200.14
+72	13.3
+82	13.1
177	9.9
+50	4.7
178	5.0
+50	5.4
179	5.2
+18	3.2
+35	2.8
+50	1.1
180	+2.9

≠ Draw

≠ Draw ←

See Pg 5

3

	211.44			
180+50		2.5		
0.43	208.65	3.22	208.22	
+70		3.0		
181		4.1		
+17		6.1		
+50		11.9		
+64		18.2		
+77		15.0		
182		13.5		
+50		5.9		
BW#20		10.40	198.25	198.25
12.09	220.13	0.61	208.04	
183		8.4		
+26		6.5		
+32		2.1		
11.84	231.74	0.23	219.90	
+50		9.8		
184		1.5		
7.48	238.53	0.69	231.05	
+50		5.3		
+81		5.0		
185		3.3		
+51.44		2.6	36.0	

\* Draw

See Pg 5

3

238.53

186		4.0	
+50		7.0	
187		9.7	
5.65	234.30	9.88	228.65

+36		6.2	
+45		5.0	
188		4.7	
+36		5.6	
+50		4.8	

189		6.0	
+21.76 = 0+00	Equation	6.9	

~~Blw #21~~

7.84	236.69	5.65	228.75
		6.35	230.34
		5.54	235.15
		0.5	236.1

See Page 5

11.38	242.54		
8.39	248.93	2.00	240.54
		0.64	248.31
			248.32

Blw #13 Euclid Ave.

	+	T	-	EL.	
Bkr# 21				231.16	See Pg 5
	.22	231.38			
			11.77	219.61	Todd T
1+00	.18	219.79			Podley P
			10.42	209.37	
	1.48	210.85			
			5.34	205.51	
	10.74	216.25			
			.94	215.31	
	10.02	225.33			
7+50			.81	224.52	
	5.58	230.10			
10+50			4.42	225.68	
	8.64	234.32			
13+00 (B.M.) P&T			2.61	231.71	230.77 Old
	1.84	233.55			3
15+50			2.80	230.75	
	3.11	233.86			
19+00			5.17	228.69	
	5.59	234.28			
			1.86	232.42	
22+00	7.07	239.49			
			4.62	234.87	
25+00 P&T	1.11	235.98			
B.M. <small>REG. EL. = 224.31 HUB 100' R. STA. 27+50</small>			10.78	225.20	225.21 See Bk. #59/4

Cont'd on Pg 7

5/13

27

202

nd

29

20



30

25

31

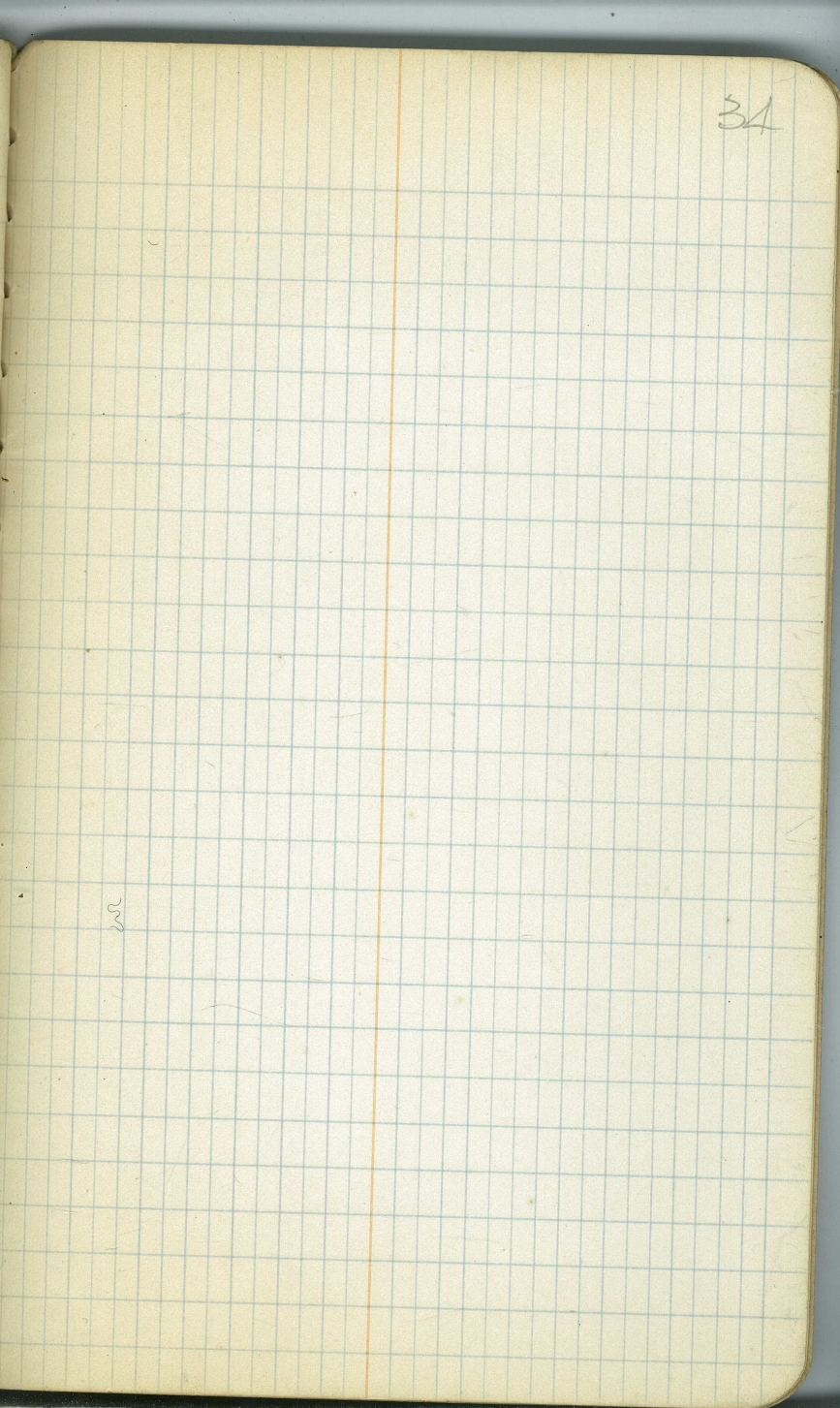
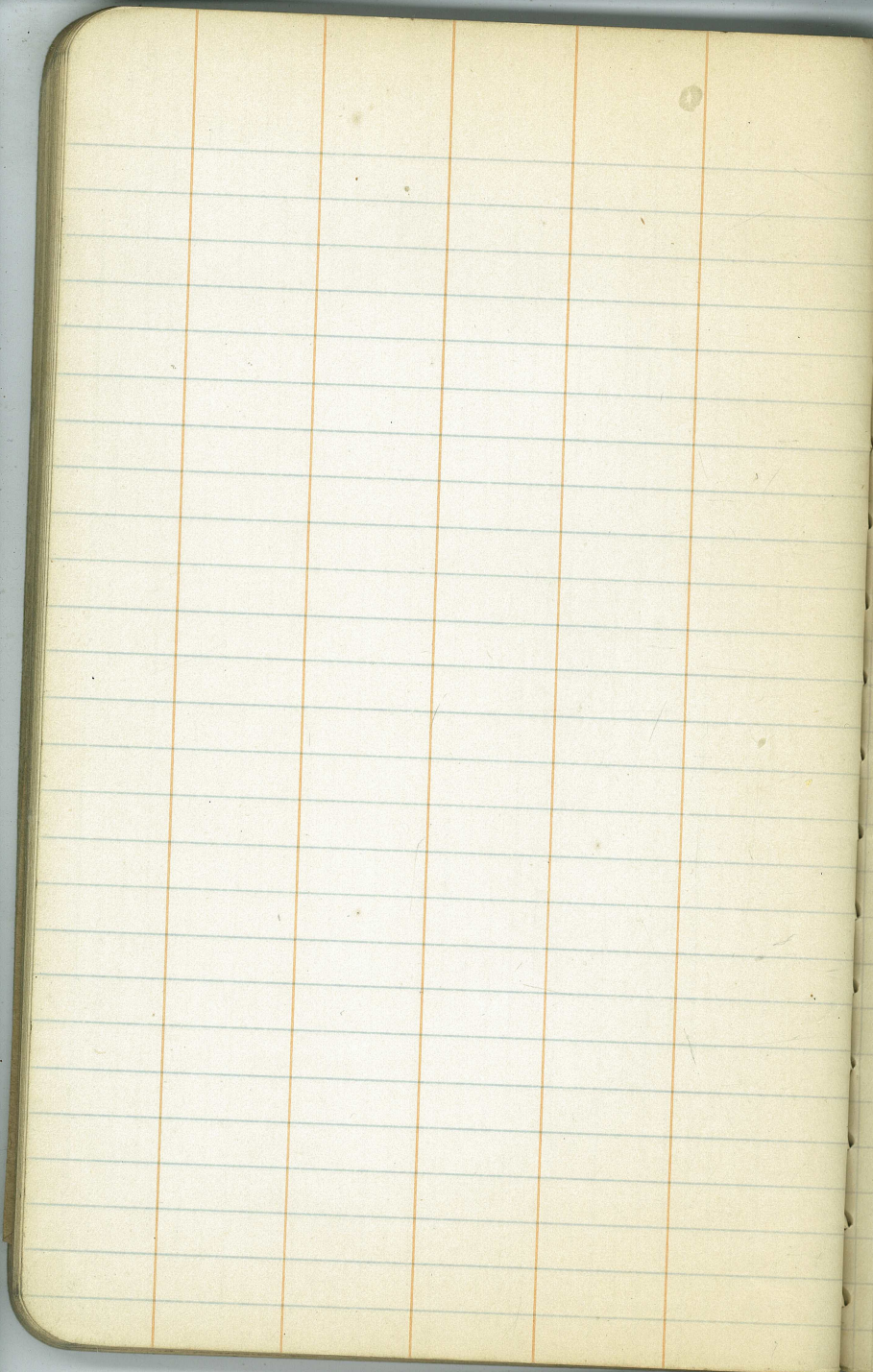
2nd

35

200

33

28



34

20

35

200

Cuts Grd. - 100  
Fills = 058

Draynos

Miss Phoenix  
7th Floor  
1st cut. East Bldg.