

NAME EUCLID - DIVISION

Class _____ Course _____ Party _____

Alignment _____

1888

272
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

EUCLID - DIVISION
Alignment Book #1

Job # 251

MICROFILMED

DEC 30 1964

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Alignment:	
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Sta

Dist

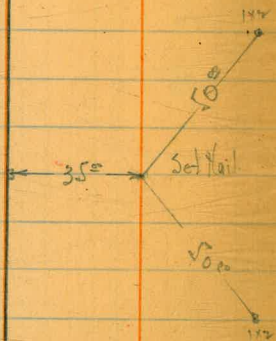
Angle
Az. Def

* Ties

Topog.

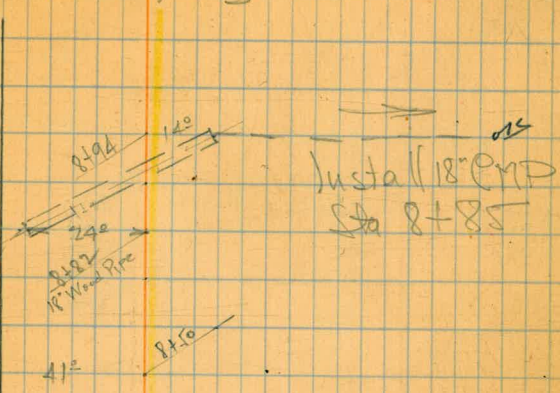
22

6465.95
P.O.T.

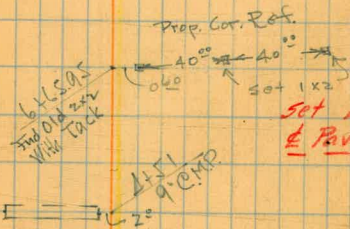


Install 18" CMP
Sta. 4+51

* Draw



Install 18" CMP
Sta 8+85



Set Lead & Tack
Pave opp 6+65.95
5-4-28
CPC

HOLLY DR.

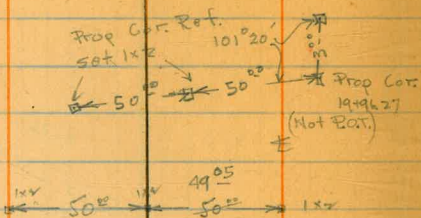
Lot 11

Sta.

Dist

Angle
Az Def

* Ties



14+50.00
P.O.T.

14+00
P.O.T.

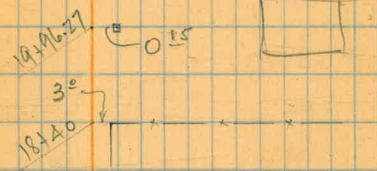
Set Nail

Topog-

3

Set Lead & Tack in Φ Face of 14+96.27 5-4-1928 C.C.C.

Conc. House on hill



Install 4x8 Box
4x5 Br. cfw.



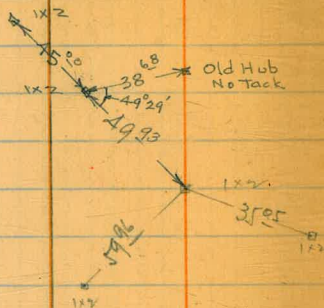
Install 18" csw
Install 12" CMP
Sta 12+35

Sta Dist. Angle Az Def *Ties

Topog.

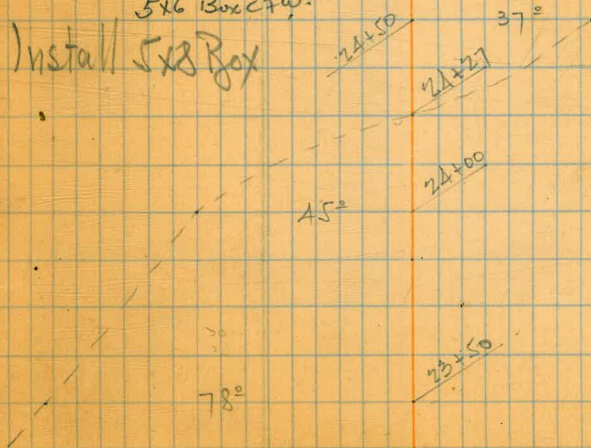
4

25+60.38
40+14.96
NATL AVE.



Replaced this pt. as referenced with Lead & Tack
5-9-1928
EAS

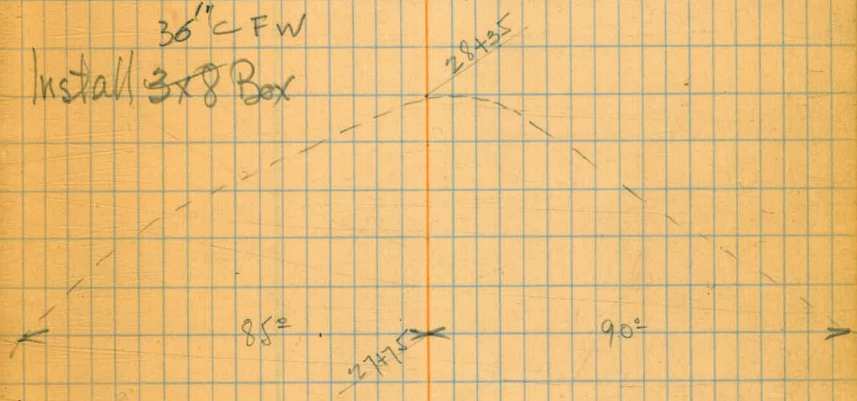
5x6 Box C7w.
Install 5x8 Box



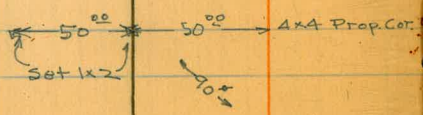
Sta	Dist	Angle	Az.	Def.
-----	------	-------	-----	------

24
50
90

36" CFW
Install 3x8 Box



26+60.40



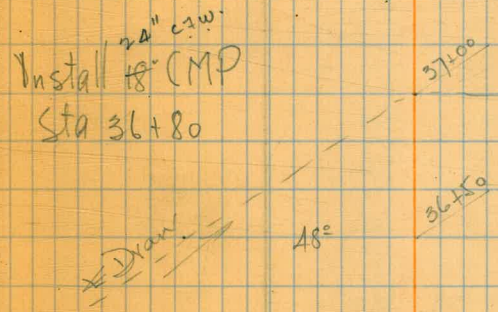
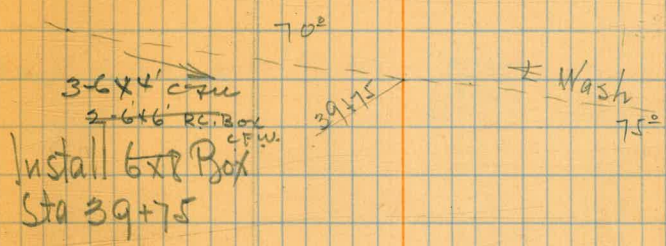
set lead & Tack as per references 5-9-1928
EPC

3x3

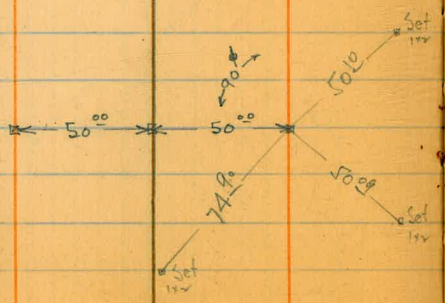
Sta.	Dist.	Angle	Def.	Ties
------	-------	-------	------	------

Tang

6



33+03.85
P.O.T.



Sta.

Dist.

Angle
Az. Def

≠ Ties

Tapog-

7

44+39.98
P.I.

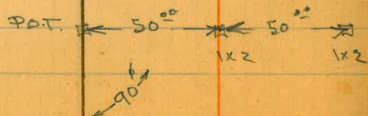
179°59'
359°57'

0°01' Lt.



Set Lead & Tack as per References 5-4-28
CAC

41+04.50 P.O.T.



from here

Sta. Dist. Angle Az. Def. # Ties-

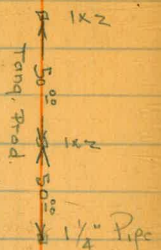
Topog-

8

52+47.05

71° 28'
142° 56'

108³² 1/4 Lt. Found

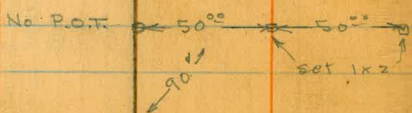


Set Lead & Tack as per References

5-4-1928
CPC

48+99.70

Ed. Pipe



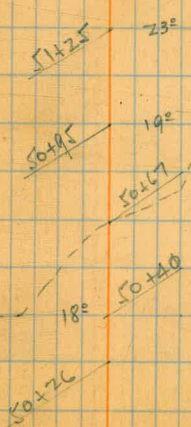
47+52.70

P.O.T.



~~Install 3x10
Sta. 51+00~~

Set Lead & Tack
as per References
5-4-1928 CPC



Install 36" C.M.P.
Sta. 51+00

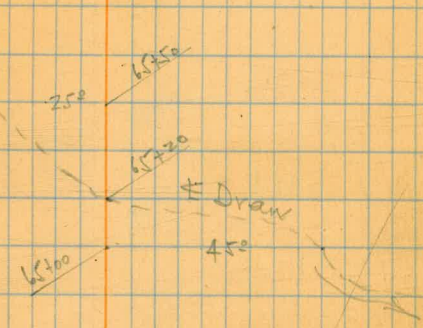
Sta	Dist	Angle Az.	Dist.	Ties -
-----	------	--------------	-------	--------

61+05.10

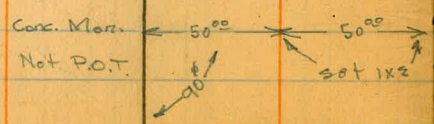


Install 18" C.M.P.
Sta 65+20

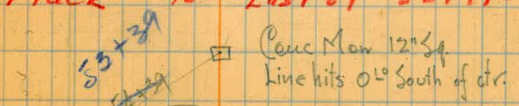
Set Lead & Tack
as per Reference
5-4-28
C.P.C.



Install 18" C.M.P.
Sta. 57+50



Set Lead & Tack 42' East of 52+97 on E



53+39
53+39.30
C.P.W.
53+39.36
March 1-1927
C.P. Clifton

Sta.

Dist

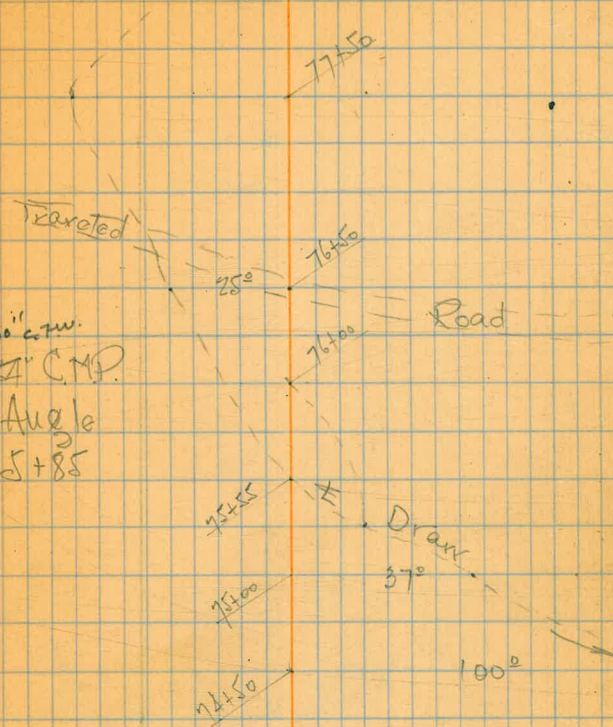
Angle
Az. Def.

± Ties

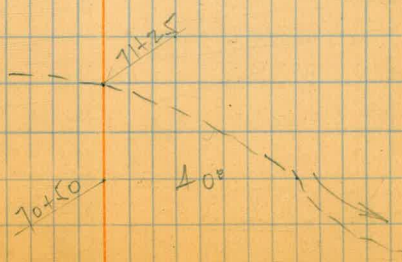
Topog

10

Install ^{30" c.m.} ~~24"~~ C.M.P.
on 45° Angle
Sta 75+85

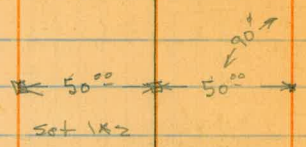


Install ^{± Draw} 18" C.M.P.
Sta. 71+25



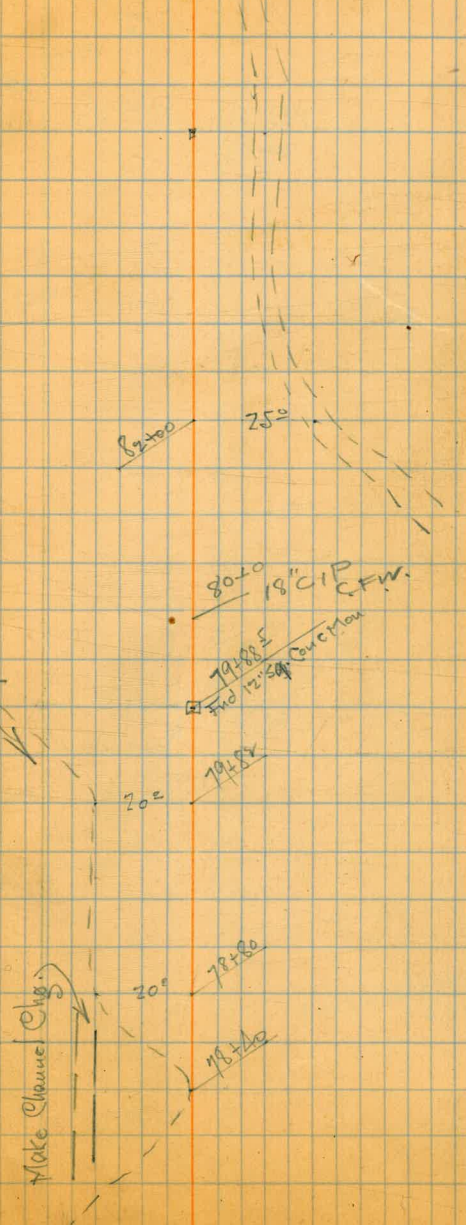
Sta.	Dist	Angle Az. Def.	Ties
------	------	-------------------	------

85+77.24
P.O.T.



Topog.

Set Lead & Tack
as Referenced
5-4-28
C.H.



Topog.

Sta.	Dist	Angle Az	Def.	Ties
92+70.16 P.I.		194°59'	14°59' Rt.	

92+17.56	P.C.			
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Install 18" ^{18"} ~~12"~~ ^{Revised} C.M.P.
Sta. 91+95

91+18.10 P.O.T.		27.16	50	
--------------------	--	-------	----	--

Set Lead + Tack
as Referenced
54-28
C.P.C.

91+18.10
Find Granite Man
Hit 20.5 N. of lead
plug.

91+17.56
Nail 50 on
Las Alturas survey

89+0-18" C.I.P.
C.W.

83+00 5'

Topog.

Sta.	Dist.	Angle Az. Def.	Ties
------	-------	-------------------	------

95+17.33 P.T.



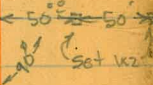
94+19.80
P.I.

158°42'
317°24'

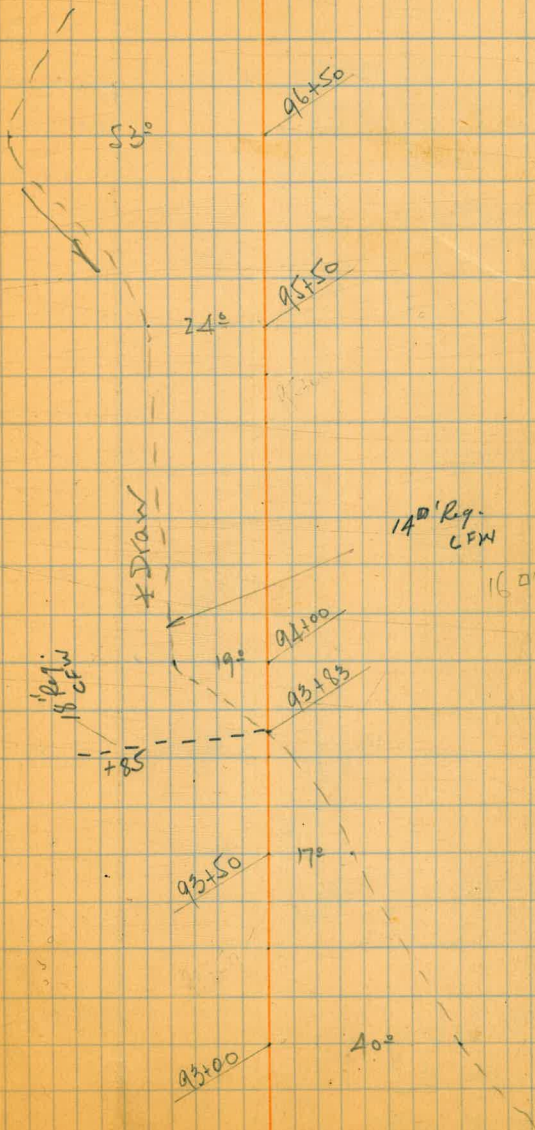
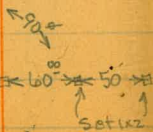
21°18' Lt.

1x2

93+72.47 P.C.



93+22.16 P.T.



Topog

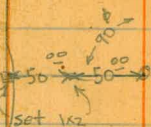
Lot 79

Sta. Dist. Angle Az. Def. ± Ties

106+46.68

179°59'

0°00' Lt.
0°01'



Set Lead & Tack
as Referenced
5-9-25
EPC

106+46.68
Found Round Conc. Mow.
With Plug & Tack.

100+01.15
P.O.T.

99+49.09

P.T.



Lot 107

103+50
18" CIP
CFW

~~97+72.30~~
P.I.

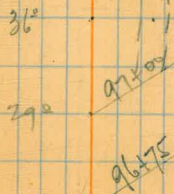
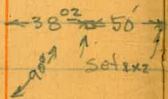
186°19'
12°37'

6°19' Pt.

1/2

98+48.44

P.C.



Install 18" C.M.P.
Sta. 96+75
Dig Tee into 48"

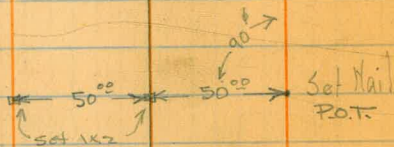
Sta.	Dist.	Angle Az.	Ties
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Topog

Cont. on P. 25

112+08.70
End of Line

109+48.66
P.O.T.



Road

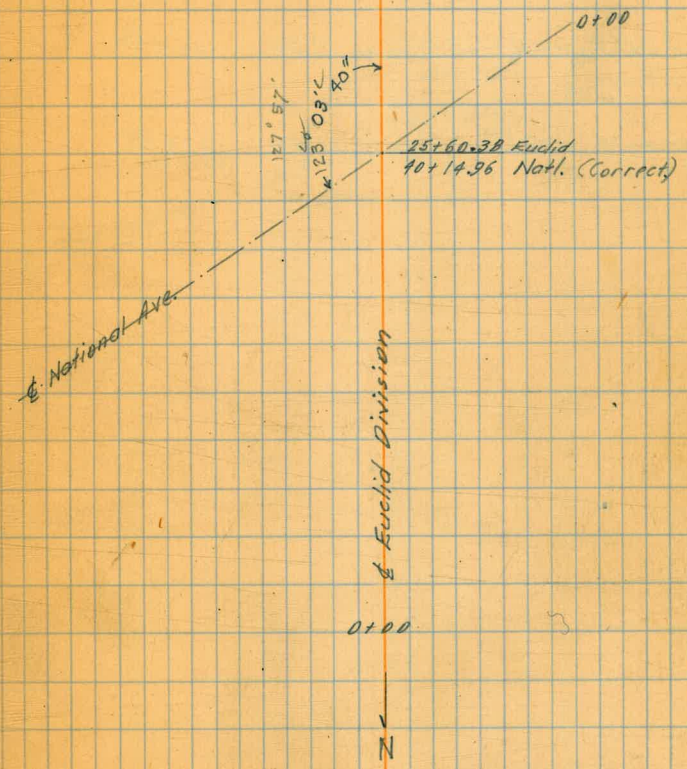
112+08.70
End of Line
With plug & tack

84
109+48.66
P.O.T.

NATH RANCH LINE

E.P. Chilton
E. Radler
J. Thompson
Feb 28, 1927

INTERSECTION
EUCRID DIVISION & NATIONAL AVE.



Line Change
Euclid Division

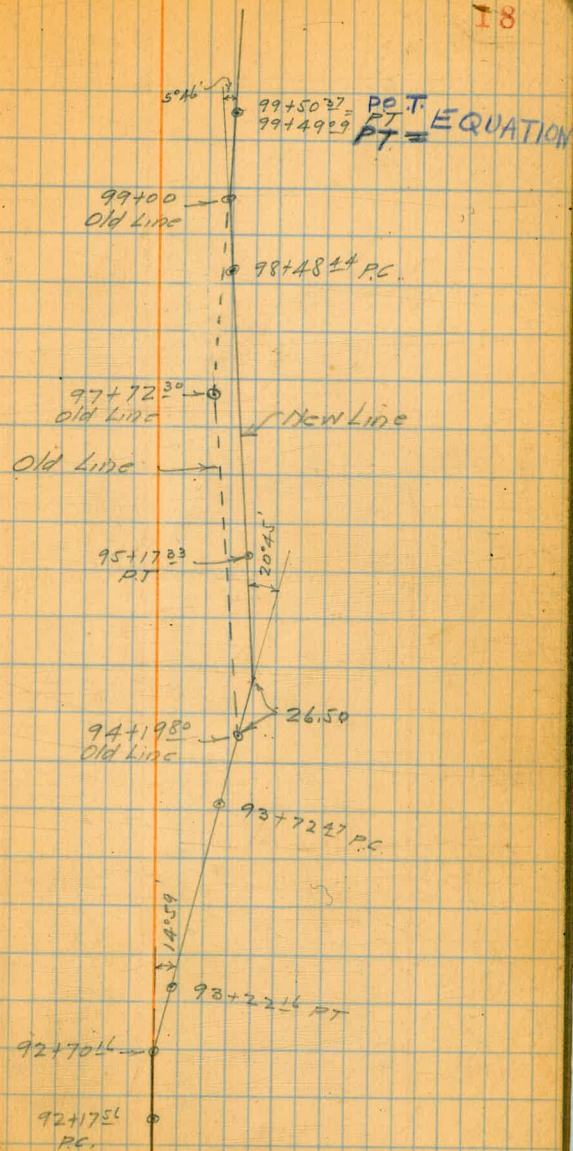
Feb 9-27
Clark
Calver
Radier

18

99+50 ³⁷ P.O.T.		$\Delta = 5^{\circ}46' RT$
99+49 ²⁹ P.T.	$2^{\circ}53'00''$	$R = 1000$
99+00	$1^{\circ}28'37''$	$T = 50.37$
98+48 ⁴⁴ P.C.	$0^{\circ}00'$	$L = 100.65$

95+17 ³³ P.T.	$10^{\circ}22'30''$	$\Delta = 20^{\circ}45' LT$
95+00	$9^{\circ}08'00''$	$R = 400'$
94+50	$5^{\circ}33'09''$	$T = 73.23$
94+00	$1^{\circ}58'18''$	$L = 144.86$
93+72 ⁴⁷ P.C.		

93+22 ⁴⁶ P.T.	$7^{\circ}29'30''$	$\Delta = 14^{\circ}59' RT$
93+00	$5^{\circ}54'15''$	$R = 400'$
92+50	$2^{\circ}19'24''$	$T = 52.60$
92+17 ⁵⁶ P.C.	$0^{\circ}00'$	$L = 104.60$



Cross Sections
EUCLID-DIVISION

3th

3.50 189.29

185.79

0

+36

+86

+15

4.59 183.68

10.20 179.09

+34

Note:
* Here is the
15' offset line shown
on pg. 20

(N. from Churchward -)

21

Spk in Cor F. Post - See Bk # 281/2
4.50 189.3

$\frac{4.0}{30} = 185.3$ $\frac{2.9}{20} = 185.4$ $\frac{3.7}{185.6}$ $\frac{3.3}{25} = 186.0$ $\frac{3.1}{35} = 186.2$

$\frac{3.4}{30} = 185.9$ $\frac{2.9}{20} = 185.4$ $\frac{4.0}{185.3}$ $\frac{4.2}{25} = 185.1$ $\frac{4.0}{35} = 185.3$

$\frac{4.4}{26} = 184.9$ $\frac{4.7}{20} = 184.6$ $\frac{4.7}{11} = 184.6$ $\frac{5.4}{11} = 184.1$ $\frac{5.8}{11} = 183.5$ $\frac{7.2}{25} = 182.1$ $\frac{7.2}{35} = 182.1$

$\frac{5.4}{30} = 184.1$ $\frac{5.3}{20} = 184.0$ $\frac{6.0}{7} = 183.2$ $\frac{1.4}{2} = 181.9$ $\frac{7.8}{11} = 181.5$ $\frac{8.8}{25} = 180.5$ $\frac{9.4}{35} = 179.9$

4.2 183.68

$\frac{3.2}{30} = 180.5$ $\frac{4.4}{20} = 180.3$ $\frac{2.4}{11} = 180.1$ $\frac{2.6}{11} = 179.6$ $\frac{4.1}{25} = 178.3$ $\frac{4.9}{35} = 177.8$
Case
No. 1
182.8#

1+54

18368
On Edge Pave

$\frac{2.99}{20}$
179.69

$\frac{1.74}{20}$
178.94

$\frac{5.63}{25}$
178.05

465

On # Pave

$\frac{1.46}{100}$
182.22

$\frac{2.97}{50}$
180.71

$\frac{4.13}{20}$
179.55

$\frac{4.90}{20}$
178.78

$\frac{5.80}{25}$
177.80

$\frac{6.75}{50}$
176.93

$\frac{8.59}{100}$
175.09

175

On Edge Pave

$\frac{4.34}{20}$
179.34

$\frac{5.07}{20}$
178.61

$\frac{5.98}{25}$
177.90

195

$\frac{5.16}{20}$
178.52

$\frac{5.42}{10}$
178.26

$\frac{5.12}{20}$
177.86

2+50

936

188.24

4.80

178.88

2.44

185.80

185.79

$\frac{11.0}{10}$
172.58
Pave

$\frac{11.7}{20}$
172.51

C 2w.

Add'l X-Secs at
Euclid and National -

Btw 1.05

113

H.I.

134.1

39+50

39

0.68 127.7

12.08 127.0

38+74

45.71
P1

+0.6

25+60.38 Euclid-D = 40+14.96
T.P. on R.P. Pat.

Natl Ave. Stationing -
X-Secs taken along Natl Ave. -

129.1
129.6 128.1 125.3 119.1
50 45 60 88 150
80 50 72 100

122.9
24.1 27.5 26.5 25.4 170.0
100 66 76 87 14.1
30 45 50 85

118.6
118.9 122.4 122.2 119.9 15.9
38 03 04 74 68
30 50 67 80

116.5
116.7 119.5 120.9
60 32 18
30 50

113.3 113.6 114.9
94 91 78
30 50

37+86

122.7

*

South

24

107.9

113.7

119.3

150

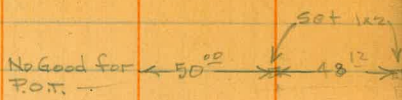
9.0

84

30

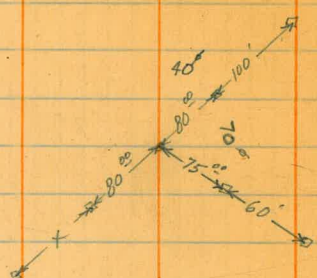
50

123+07.50

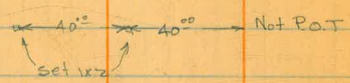


set Lead & Tack
 123+07.50 on ϕ
 5-4-29
 ETC

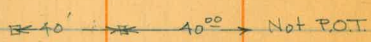
119+52.20 P.O.T. - Set Nail



118+58.25



114+06.84

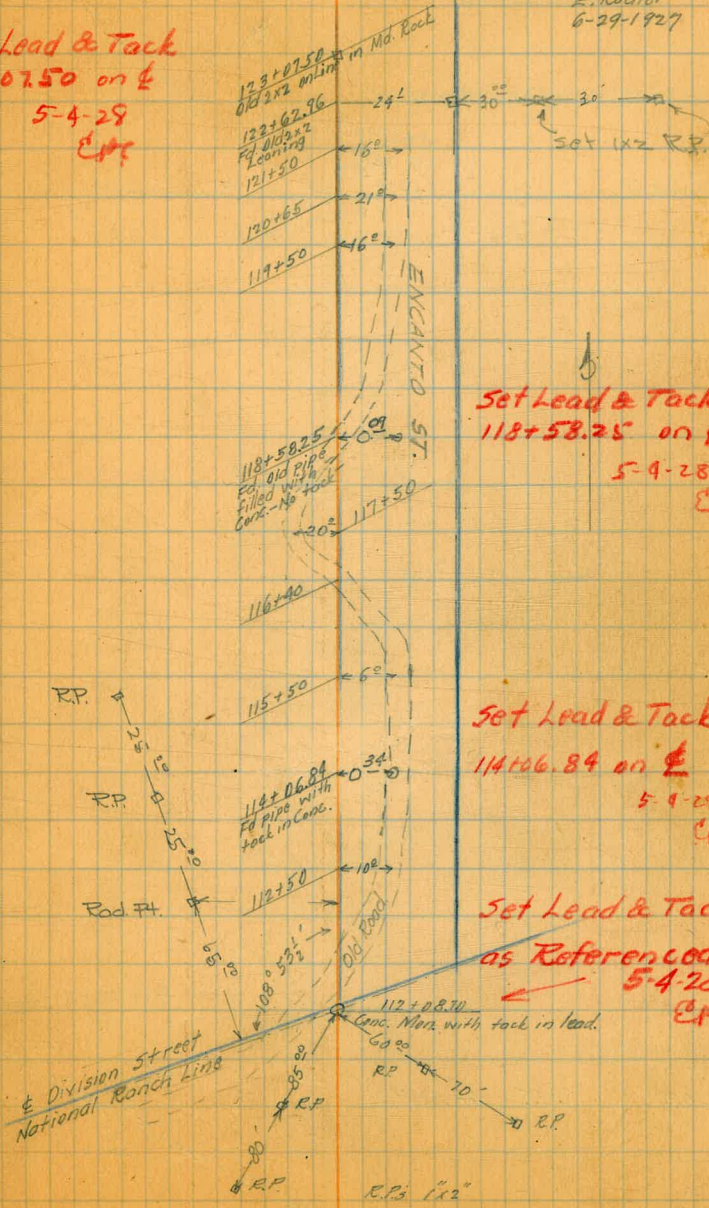


112+08.70

108° 53'
 217° 47'
 326° 40 1/2' 71° 26 1/2'

Curt. from P.15
 see # 124
 31

EPCH40
 J. Thompson
 E. Radler
 6-29-1927

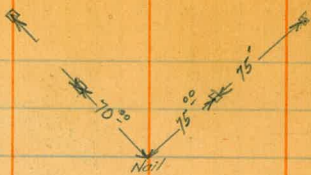


set Lead & Tack
 118+58.25 on ϕ
 5-4-28
 ETC

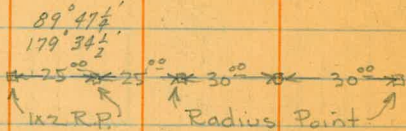
set Lead & Tack
 114+06.84 on ϕ
 5-1-28
 ETC

set Lead & Tack
 as Referenced
 5-4-28
 ETC

136+78.16 = Natural 99+06.70



136+48.19

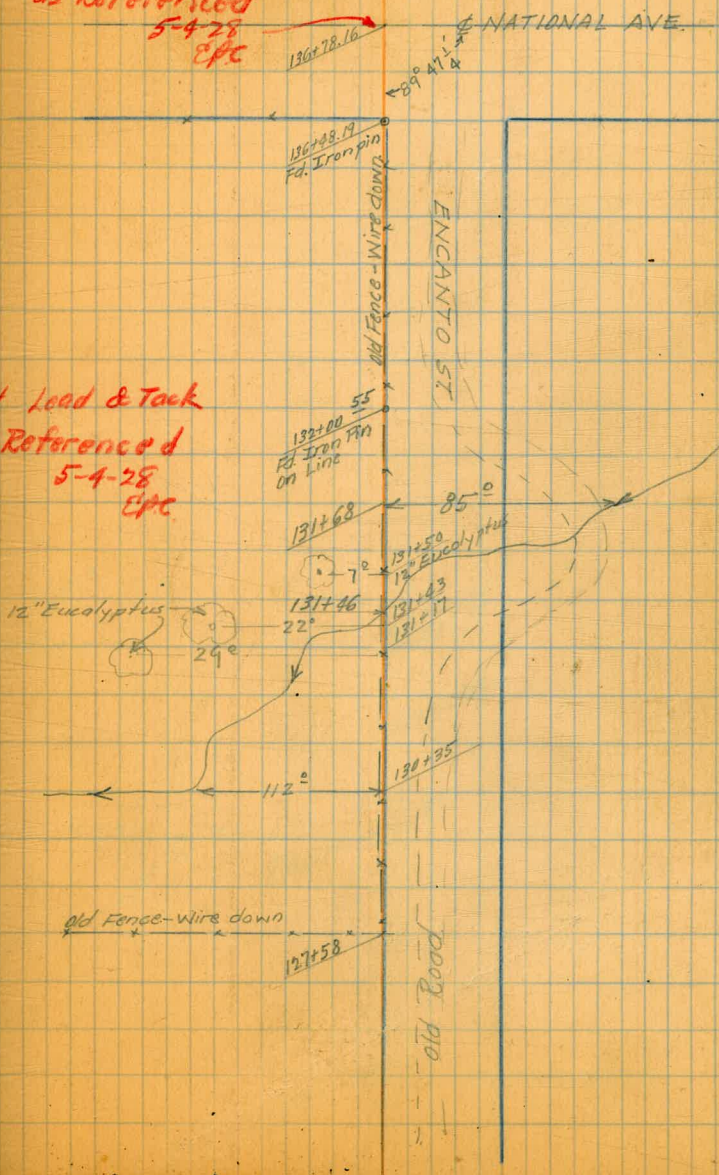
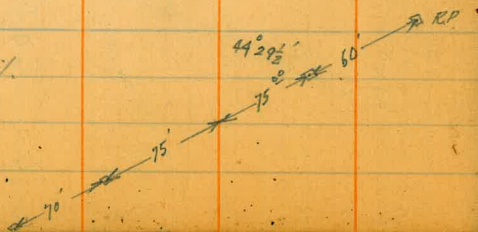


Set Lead & Tack
as Referenced
5-4-28
EPC

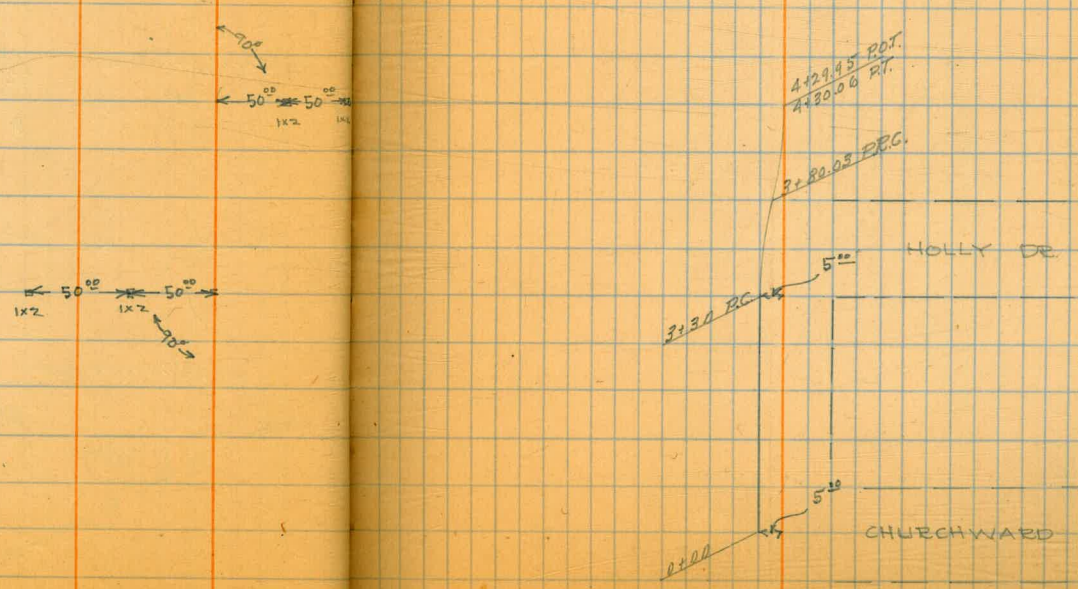
Set Lead & Tack
as Referenced
5-4-28
EPC

133+26

R.O.T. - Set Nail



LINE REVISION 0+00-4+30.06



19+97.90
84
19+98.74

41+59.91 Pl.
19+96.25
WA 43.71
52+97.05 End

8+57.35
44 39.98
52+97.33

91+17.59
+ 51
91+18.10

52+97.05
38 20.7
91+17.75
91+17.59

21-18
14-59
6-19

90+19.80
Pl.

179-18
339-36

179-53



OBrown

21-18 Lt.
15-01 Rt.
6-17

50.37