

INDEX OF SHEETS

PRELIMINARY

SHEET No. 1. TITLE PAGE.

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"	"	3	PLAN AND PROFILE STA. -1+00-A TO STA. 30+00-A	
"	"	4	"	"
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"	"	21-23	OVERHAUL	
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FINAL

"	"	1	TITLE PAGE	
"	"	2	TYPICAL CROSS-SECTION OF IMPROVEMENT	SECTION A & C
"	"	3	PLAN AND PROFILE STA. -1+00-A TO STA. 30+00-A	
"	"	4	"	"
"	"	5	"	"
"	"	6	"	"
"	"	7	"	"
"	"	8-30	CROSS SECTIONS	
"	"	31-32	OVERHAUL	

STATE OF NEBRASKA DEPARTMENT OF PUBLIC WORKS BUREAU OF ROADS AND BRIDGES

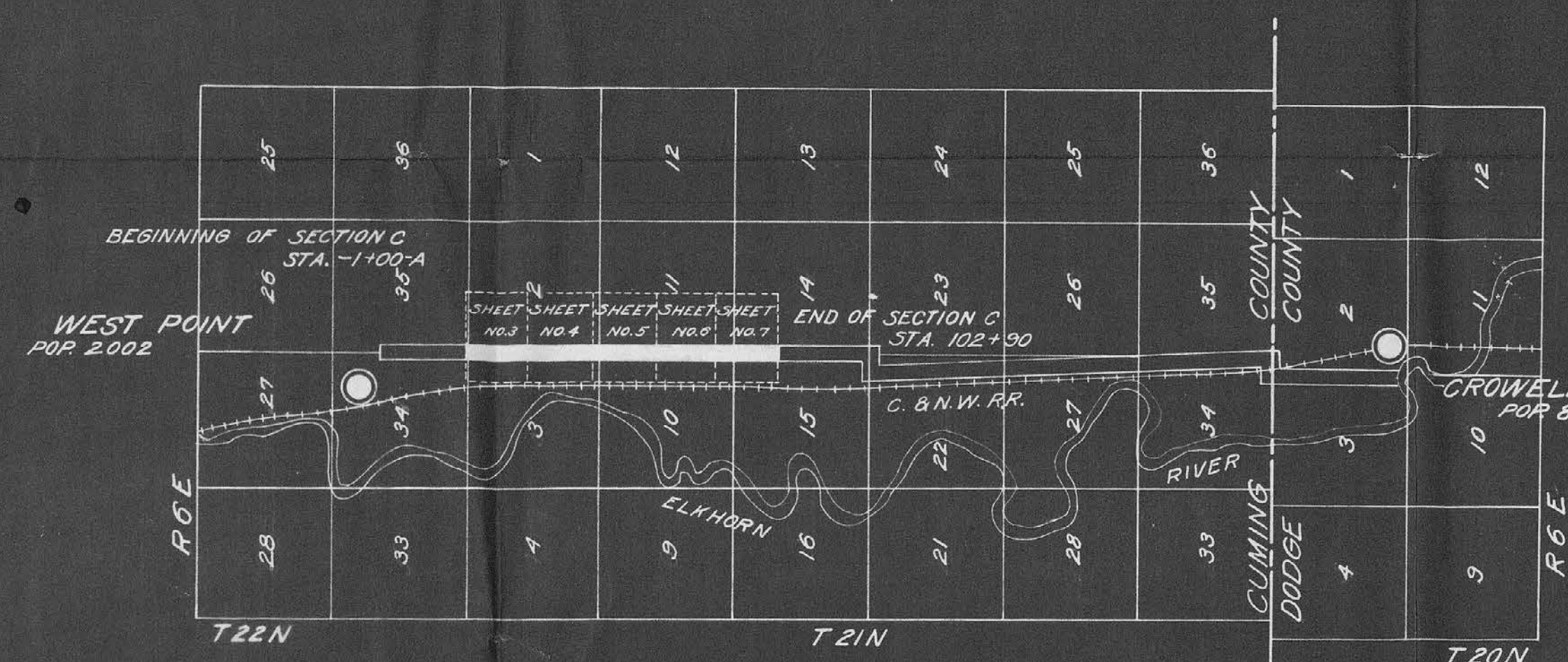
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT

WEST POINT — CROWELL CUMING COUNTY

SCALES (PLAN 1 IN. = 100 FT.
(PROFILE HOR. 1 IN. = 100 FT., VERT. = 1 IN. = 10 FT.)

SECTION - C



CONVENTIONAL SIGNS

STATE AND NATIONAL LINE	-----
COUNTY LINE	-----
CITY OR VILLAGE	-----
TOWNSHIP LINE	-----
SECTION LINE	-----
GRANT LINE	-----
FENCE LINE	-----
GUARD RAIL	-----
UNFENCED PROPERTY	-----
RIGHT OF WAY LINE	-----
TRAVELED WAY	-----
RAILROADS	-----
RETAINING WALL	-----
BASE OR SURVEY LINE	-----

LEVEE	-----
CULVERTS	-----
DROP INLET	-----
TROLLEY POLE	-----
POWER POLE	-----
TELEPHONE OR TELEGRAPH POLE	-----
MARSH	-----
HEDGE	-----
GROUND ELEVATION	DATUM 127 LINE
GRADE ELEVATION	DATUM 125 LINE
TREES	-----

LAYOUT SCALE 1 INCH = 1 MILE

FROM STA. EXCEPTIONS TO STA. INCLUDED IN THIS LAYOUT.

EQUATIONS
STA. 20+15-A = STA. 20+00-A
STA. 00+20.7-A = STA. 35+39.8

TOTAL LENGTH OF EXCEPTIONS FEET
TOTAL NET LENGTH OF SECTION C = 12788.9 FEET 2.422 MILES

APPROVED Feb. 15, 1922

Les Johnson
STATE ENGINEER

RECOMMENDED FOR APPROVAL 192

DISTRICT ENGINEER DISTRICT NO. 5

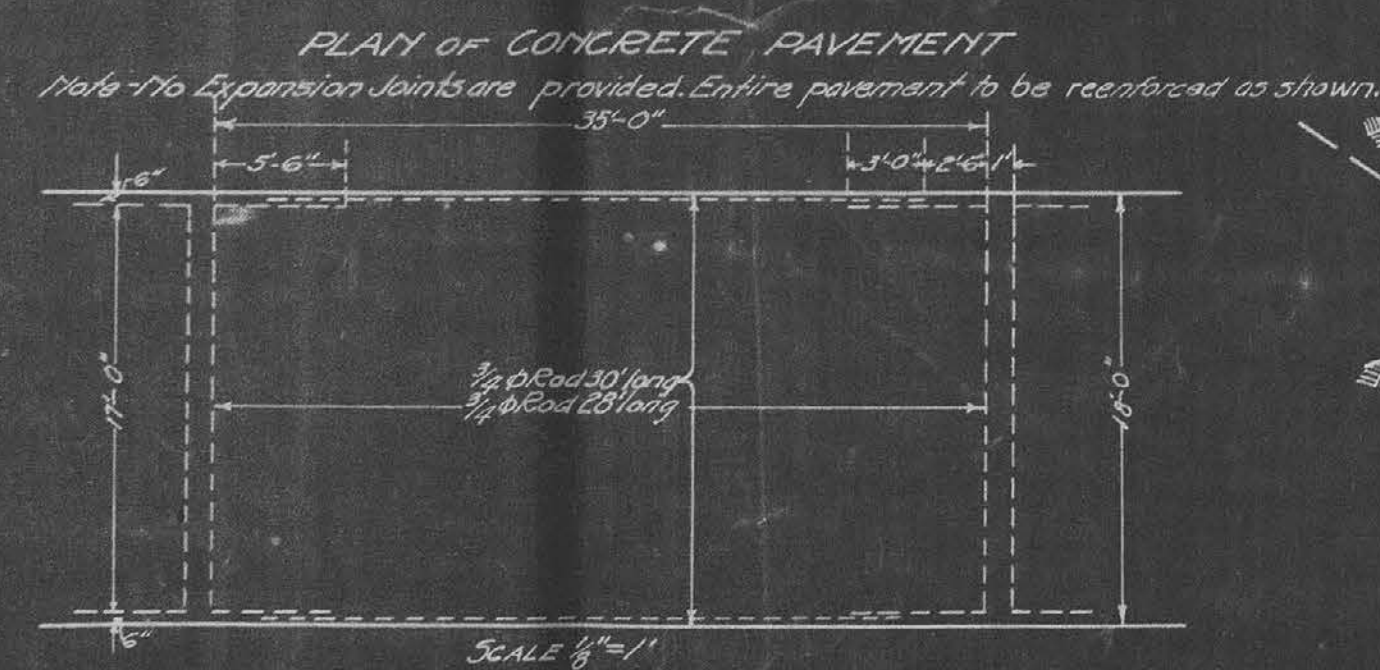
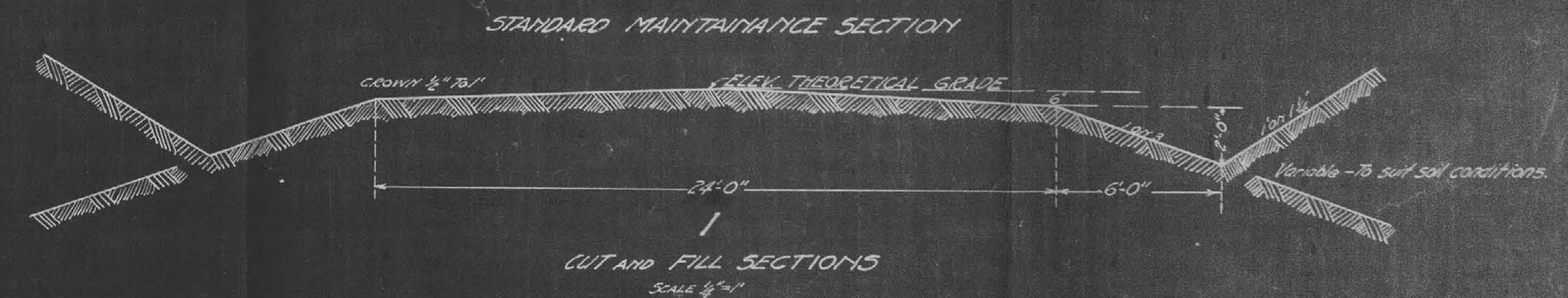
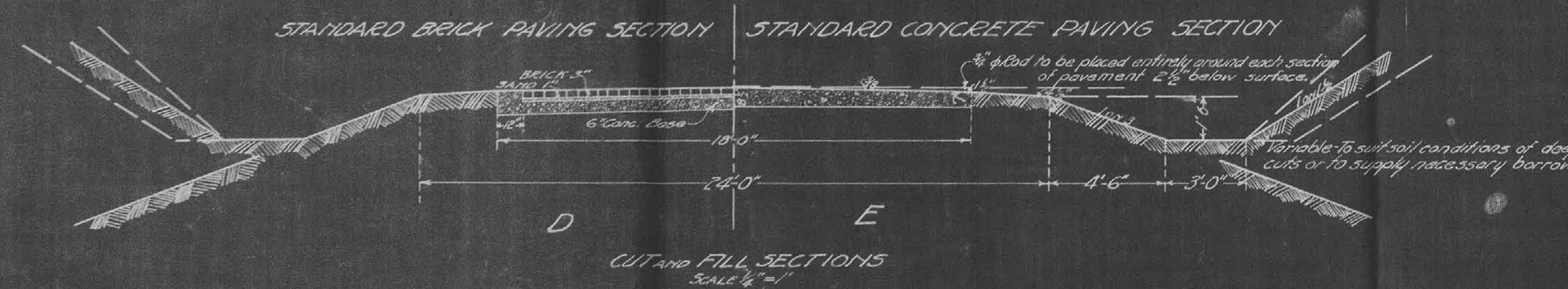
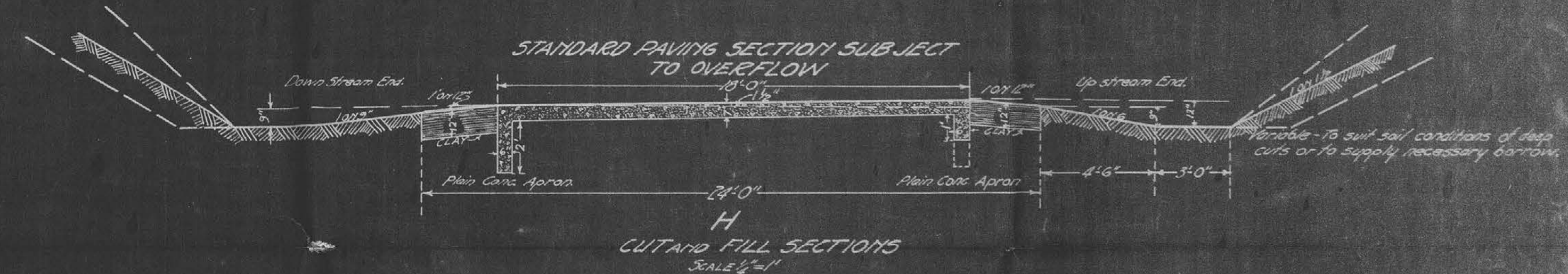
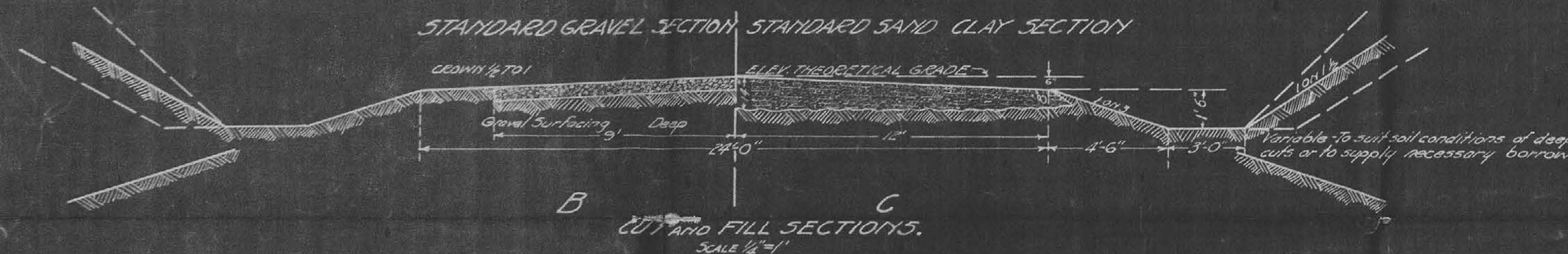
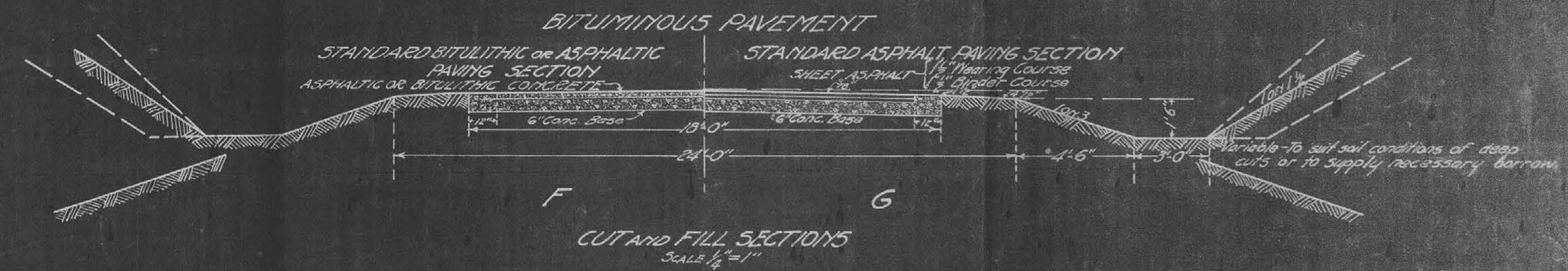
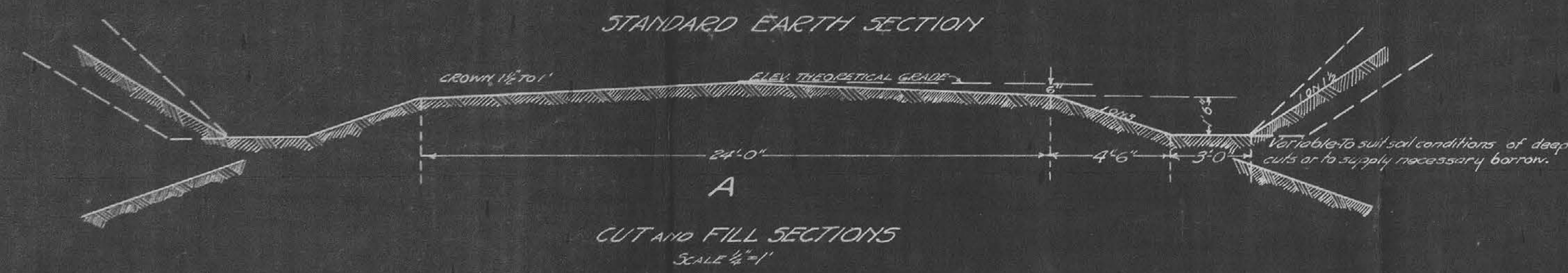
RECOMMENDED FOR APPROVAL 192

CHIEF ENGINEER BUREAU OF PUBLIC ROADS

APPROVED

DIRECTOR BUREAU OF PUBLIC ROADS

TYPICAL CROSS SECTIONS OF IMPROVEMENT



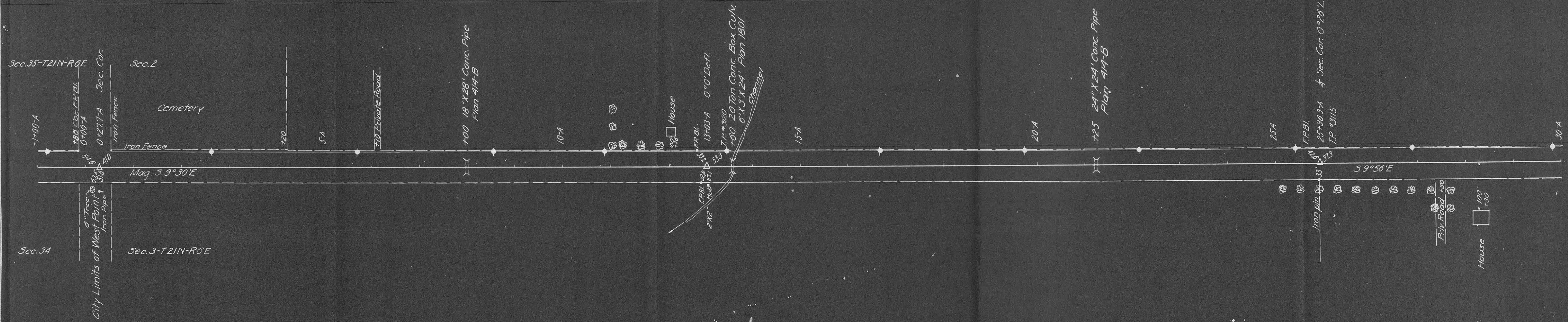
STATE OF NEBRASKA
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ROADS AND BRIDGES
PLAN OF
STANDARD CROSS SECTIONS

APPROVED BY _____

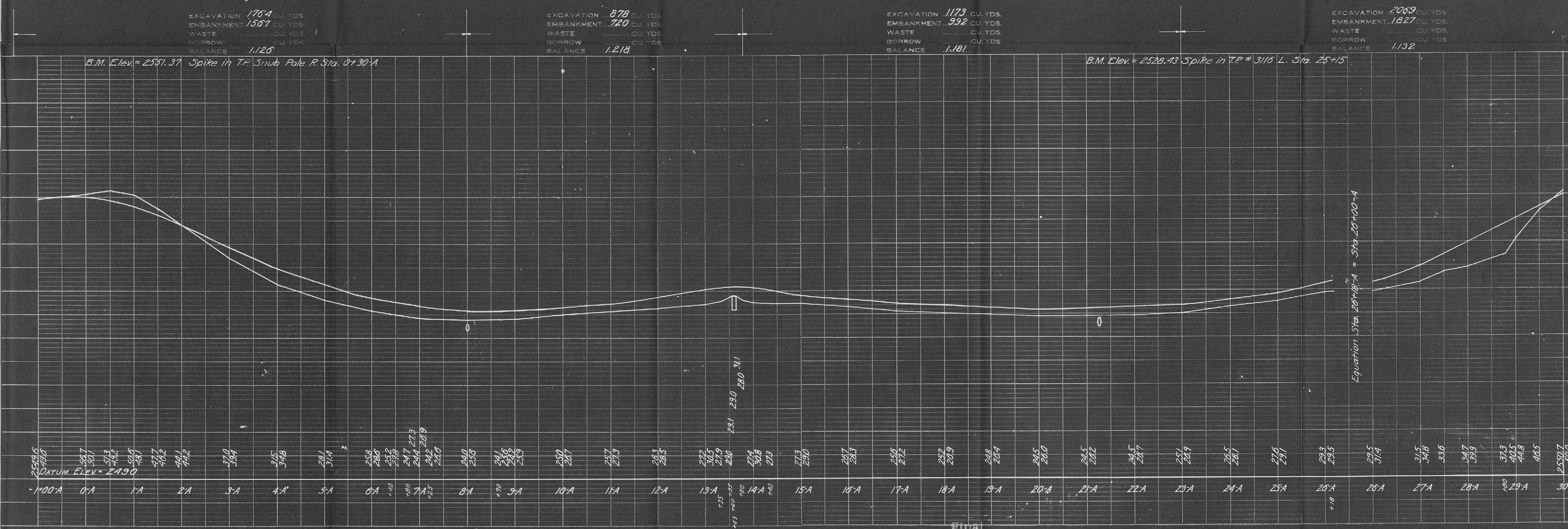
OFFICE ENGINEER.

STATE ENGINEER.

PLAN		BY	DATE
SURVEYED	ALLO		
PLOTTED	ALLO		
NOTE BOOK	ALLO		
NO.	ALLO		



PROFILE		BY	DATE
SURVEYED	ALLO		
PLOTTED	ALLO		
NOTE BOOK	ALLO		
NO.	ALLO		



EXCAVATION 1764 CU. YDS.
EMBANKMENT 1567 CU. YDS.
WASTE 0 CU. YDS.
BORROW 0 CU. YDS.
BALANCE 1126

EXCAVATION 878 CU. YDS.
EMBANKMENT 720 CU. YDS.
WASTE 0 CU. YDS.
BORROW 0 CU. YDS.
BALANCE 1218

EXCAVATION 1173 CU. YDS.
EMBANKMENT 992 CU. YDS.
WASTE 0 CU. YDS.
BORROW 0 CU. YDS.
BALANCE 1181

EXCAVATION 2069 CU. YDS.
EMBANKMENT 1827 CU. YDS.
WASTE 0 CU. YDS.
BORROW 0 CU. YDS.
BALANCE 1132

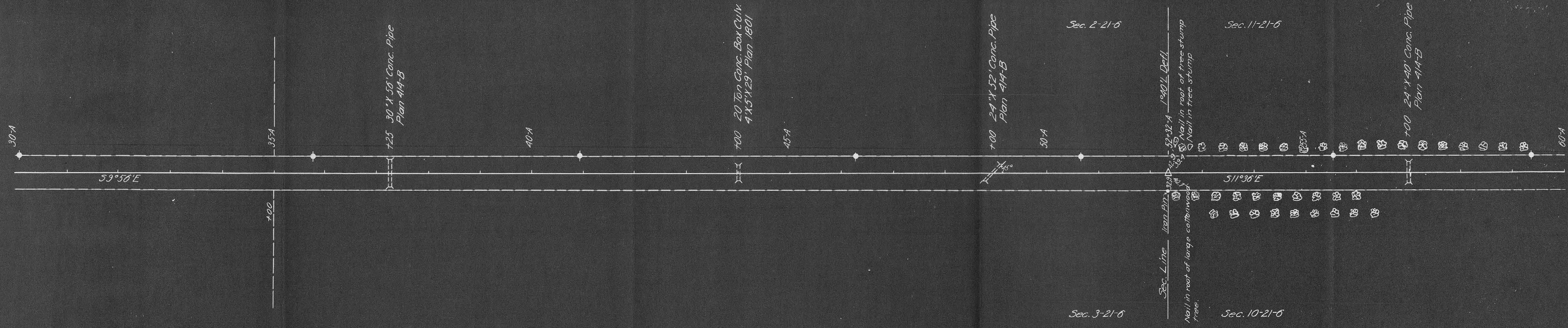
B.M. Elev. = 2537.37 Spike in TP. Snub Pole R. Sta. 0+30.4

B.M. Elev. = 2523.43 Spike in TP # 3115 L. Sta. 25+15

Equation Sta. 20+18-A = Sta. 20+00-A



PLAN		BY	DATE
NOTE BOOK	NO.		
	DATE		
	BY		
	DATE		



PROFILE		BY	DATE
NOTE BOOK	NO.		
	DATE		
	BY		
	DATE		

B.M. Elev. = 2557.52 Nail Top Hub L. Sta. 32

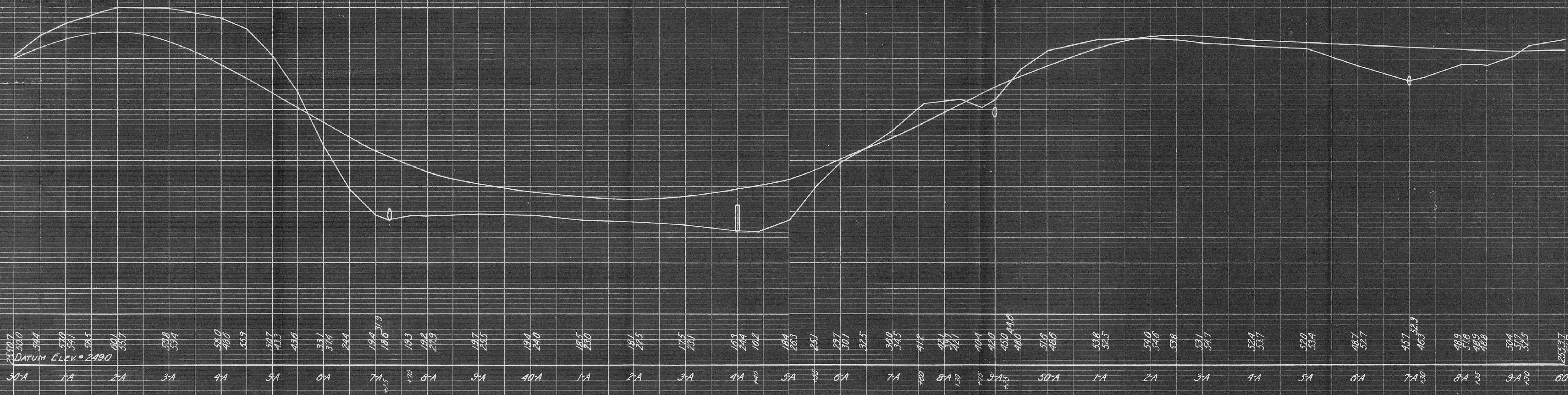
EXCAVATION 6106 CU. YDS.
EMBANKMENT 3400 CU. YDS.
WASTE CU. YDS.
BORROW CU. YDS.
BALANCE 1.13

B.M. Elev. = 2541.89 Nail in Root of Tree L. Sta. 40+00

EXCAVATION 3147 CU. YDS.
EMBANKMENT 2787 CU. YDS.
WASTE CU. YDS.
BORROW CU. YDS.
BALANCE 1.13

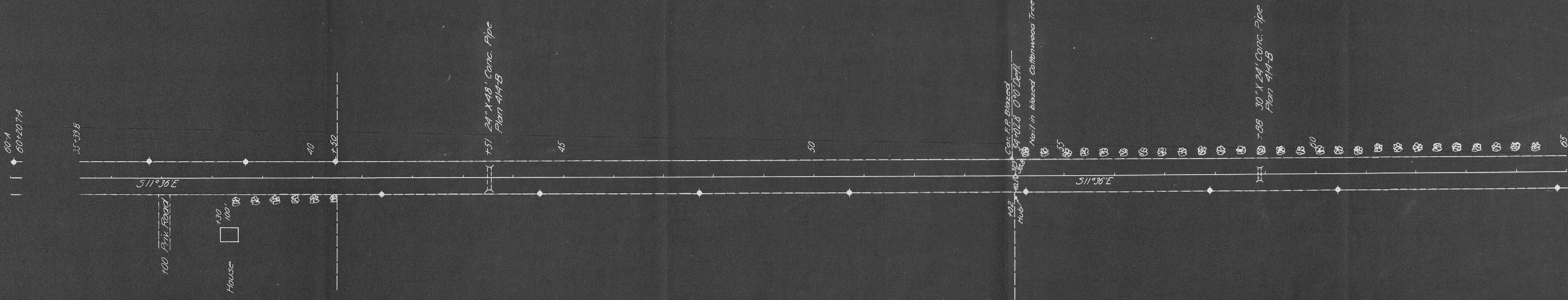
B.M. Elev. = 2557.06 Nail Top Hub on Fence Line L. Sta. 58+15

EXCAVATION 1117 CU. YDS.
EMBANKMENT 1677 CU. YDS.
WASTE CU. YDS.
BORROW 1122 CU. YDS.
BALANCE



PLAN	DESIGNED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	No.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	NOTE BOOK		
	No.		



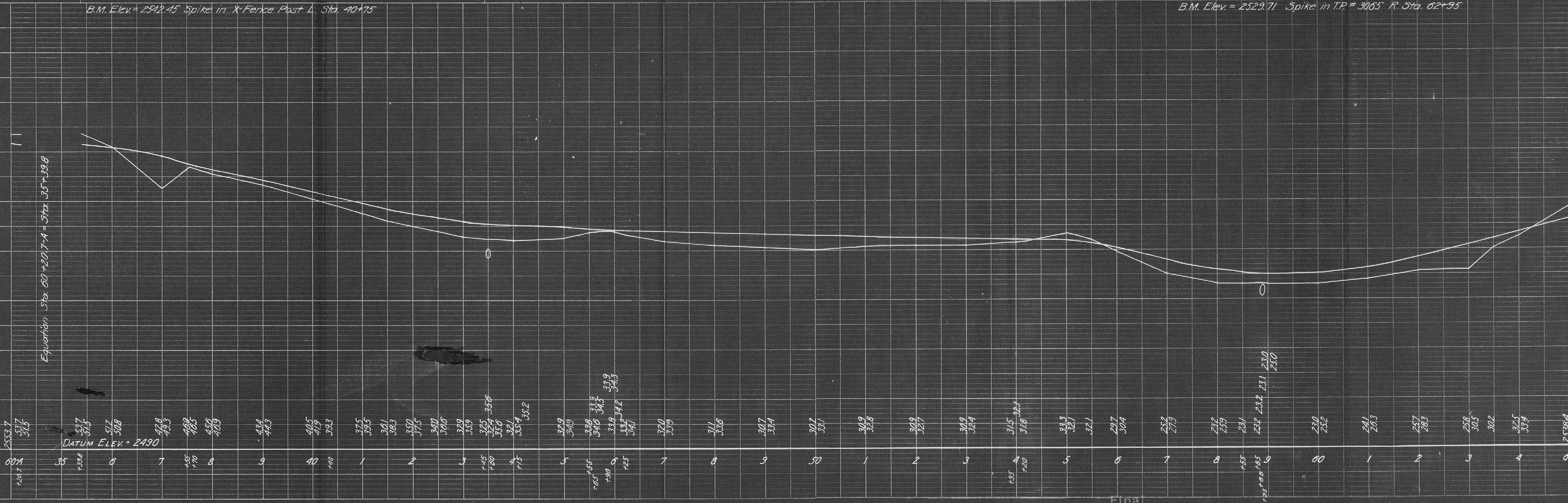
EXCAVATION 1247 CU. YDS.
EMBANKMENT 958 CU. YDS.
WASTE CU. YDS.
BORROW CU. YDS.
BALANCE 1.30

EXCAVATION 4993 CU. YDS.
EMBANKMENT 3797 CU. YDS.
WASTE CU. YDS.
BORROW CU. YDS.
BALANCE 1.32

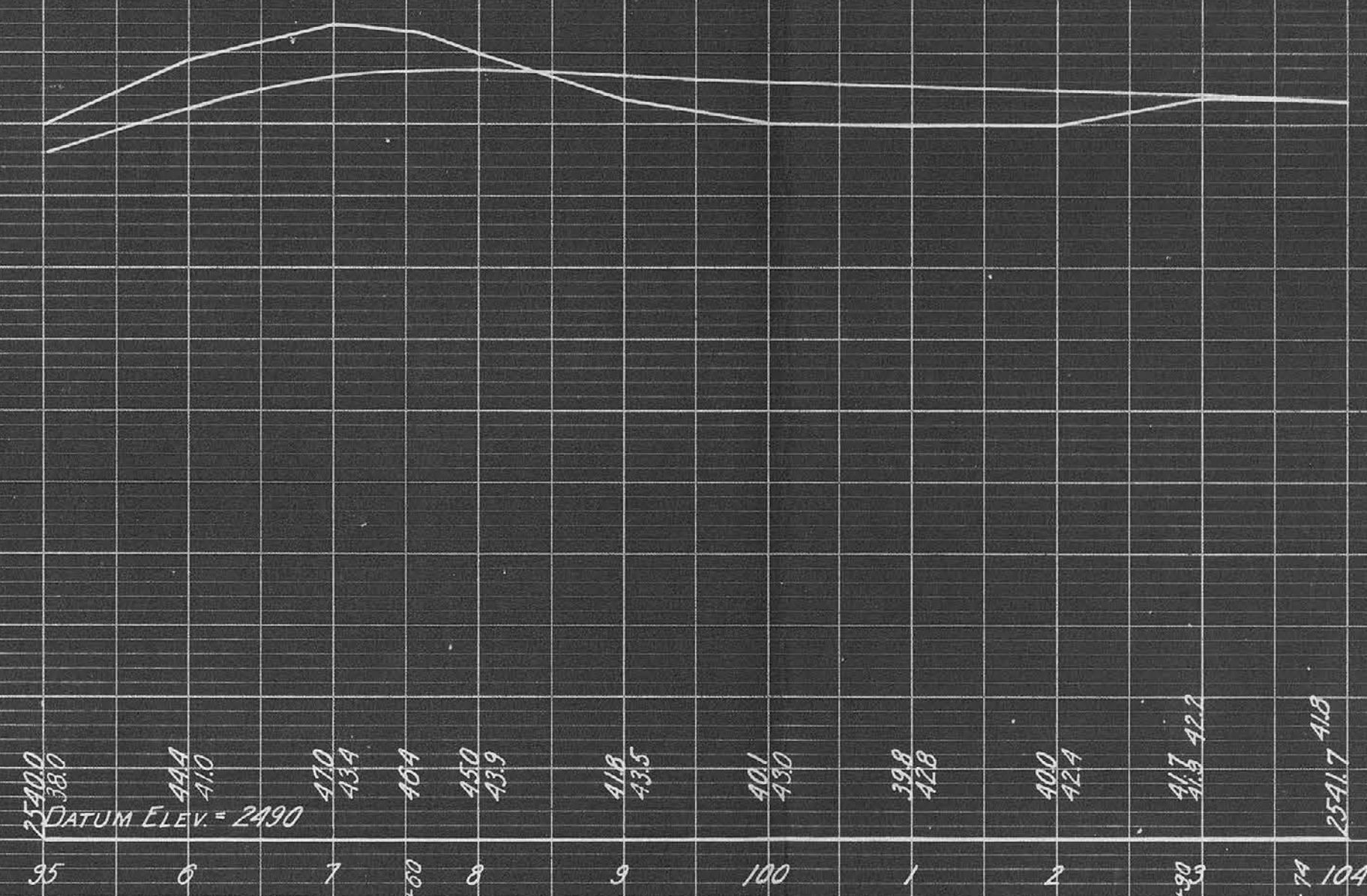
EXCAVATION 1210 CU. YDS.
EMBANKMENT 817 CU. YDS.
WASTE CU. YDS.
BORROW CU. YDS.
BALANCE 1.48

B.M. Elev. = 2842.45 Spike in X-Fence Post L. Sta. 40+75

B.M. Elev. = 2529.71 Spike in T.P. # 3005 R. Sta. 62+95



PROFILE		BY	DATE
SURVEYED	<i>A.L.O.</i>		
PLOTTED	<i>A.L.O.</i>		
GRADES CHECKED	<i>A.L.O.</i>		
B. M.'s NOTED	<i>A.L.O.</i>		



FINAL SURVEY	DATE
NO.	
NOTE BOOK	
NO.	
AREAS CHECKED	
AREAS	
TEMPLATES	
PLOTTED	
BY	

ORIGINAL SURVEY	DATE
NO.	
NOTE BOOK	
NO.	
AREAS CHECKED	
AREAS	
TEMPLATES	
PLOTTED	
BY	

Legend:-
Preliminary
Semi-finals
Finals
Finals Peterson Contract

6+10-A
C=08
F=18
CS=18

6-A
C=18
F=04
CS=22

5-A
C=0
F=105
CS=20

4-A
C=8
F=105
CS=10

3-A
C=28
F=00
CS=8

2-A
C=19
F=0
CS=14

1+50-A
C=133
F=0
CS=13

1-A
C=207
F=0
CS=15

0+50-A
C=11
F=0
CS=13

0+00-A
C=29
F=0
CS=12

1+00-A
C=13
F=5
CS=10

10+12-A
C=17
F=25

10-A
C=24
F=24
CS=19

9-A
C=3
F=23
CS=27

8+70-A
C=8
F=21
CS=27

8-A
C=8
F=29
CS=15

7+25-A
C=12
F=46
CS=21

7-A
C=18
F=08
CS=18

6+80-A
C=10
F=13
CS=18

FINAL SURVEY	DATE
NO.	
NOTE BOOK	
AREAS CHECKED	
AREAS	
PLOTTED	
BY	

ORIGINAL SURVEY	DATE
NO.	
NOTE BOOK	
AREAS CHECKED	
AREAS	
PLOTTED	
BY	



ORIGINAL		BY	DATE
SURVEY	SURVEYED	<i>A.L.O.</i>	
	PLOTTED	<i>A.L.O.</i>	
NOTE BOOK	TEMPLATE	<i>A.L.O.</i>	
	AREAS	<i>A.L.O.</i>	
NO.	AREAS CHECKED	<i>A.L.O.</i>	

13-A
C = 55
F = 08

16-A
C=30
F=24
CS=10

FINAL SURVEY		BY	DATE
SURVEYED	4.1.0		
PLOTTED	4.1.0		
TEMPLATE	4.1.0		
AREAS	4.1.0		
AREAS CHECKED	4.1.0		

ORIGINAL	SURVEYED _____	BY	DATE
SURVEY	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
NO.	AREAS _____		
	AREAS CHECKED _____		

$$\begin{aligned} 29+50-A \\ C=23 \\ F=1 \end{aligned}$$

29-A
C=0
F=99
CS=20

28+80-A
C=0
F=223

28-A
C=0
F=10
CS=15

$$\begin{aligned} 27+50-A \\ C=0 \\ F=121 \end{aligned}$$

27-A
C=4
F=87
CS=13

Equation
 $26 + 18 - A = 26 + 00 - A$
 $C = 37$
 $F = 50$

26-A
C=47
F=38
CS=19

25-A
C=40
F=23
CS=18

35-A
C=476
F=0
CS=22

$$\begin{aligned} 34+50-A \\ C=586 \\ F=0 \end{aligned}$$

34-A
C=507
F=0
CS=22

33-A
C=387
F=0
CS=30

32-A
C=280
F=0
CS=18

31+50-A
C=222
F=0

31-A
C=212
F=0
GS=21

$$\begin{aligned} 30 + 50 - A \\ C = 190 \\ F = 0 \end{aligned}$$

30-A
C=115
F=0
CS=24

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	88-C	1922	12	32

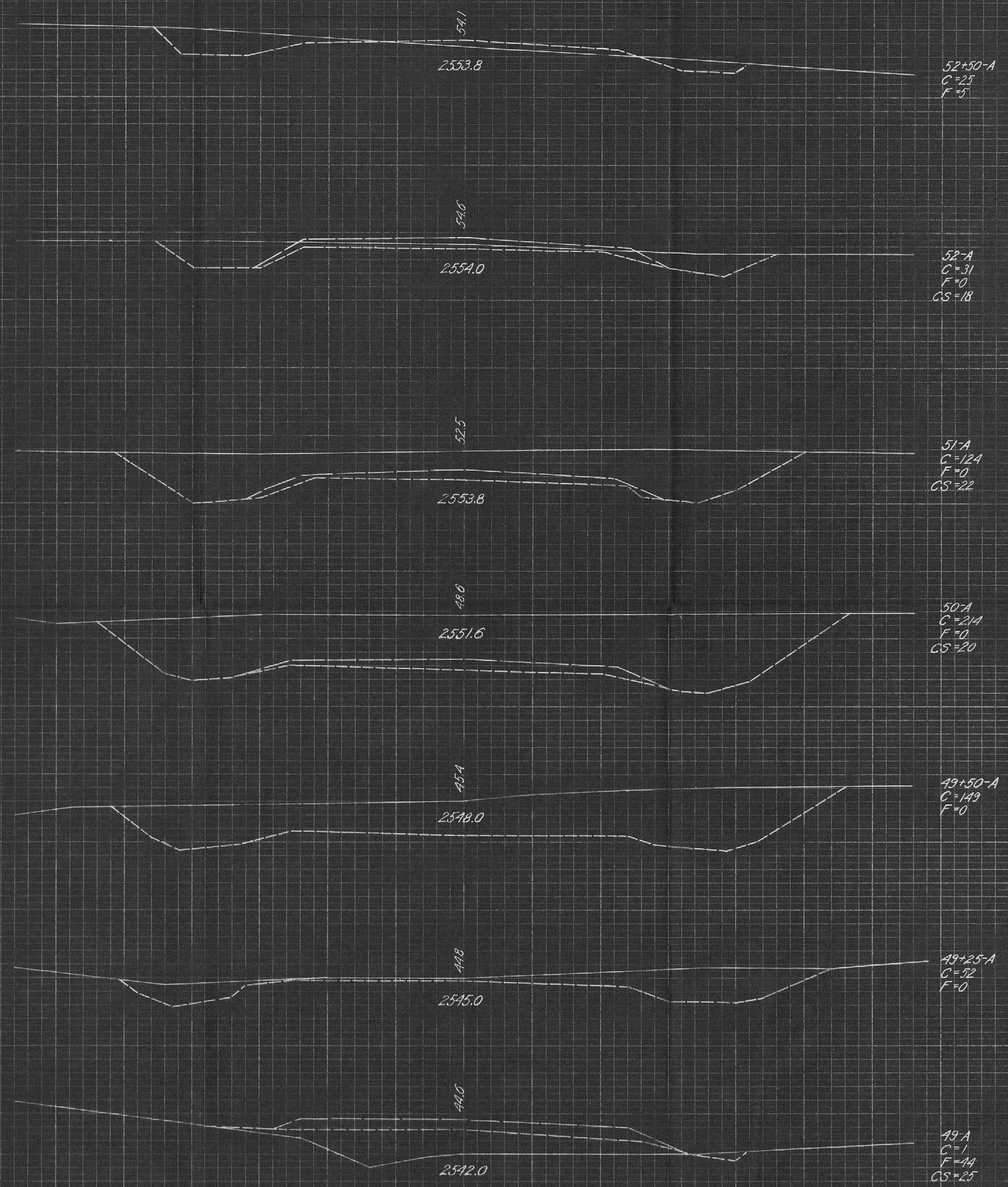
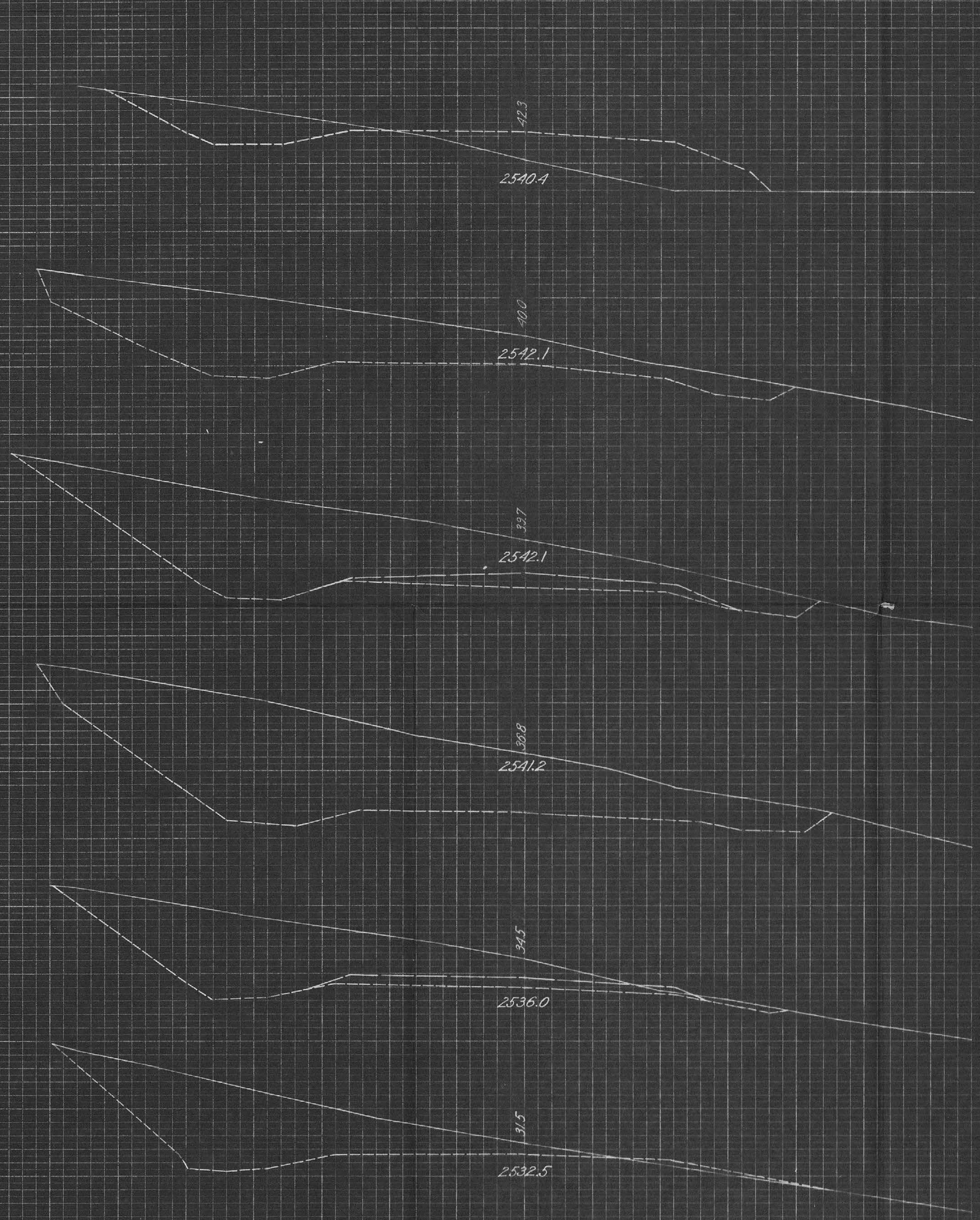
FINAL SURVEY	RY	DATE
SURVEYED	<i>A.L.O.</i>	
PLOTTED	<i>A.L.O.</i>	
TEMPERATURE	<i>A.L.O.</i>	
AREAS	<i>A.L.O.</i>	
AREAS CHECKED	<i>A.L.O.</i>	
NO.		

ORIGINAL		BY	DATE
SURVEY	SURVEYED	<i>A.L.O.</i>	
NOTE BOOK	PLOTTED	<i>A.L.O.</i>	
NO.	TEMPLATE	<i>A.L.O.</i>	
	AREAS	<i>A.L.O.</i>	
	AREAS CHECKED	<i>A.L.O.</i>	

Final
West Point - Crowell
Cuming County

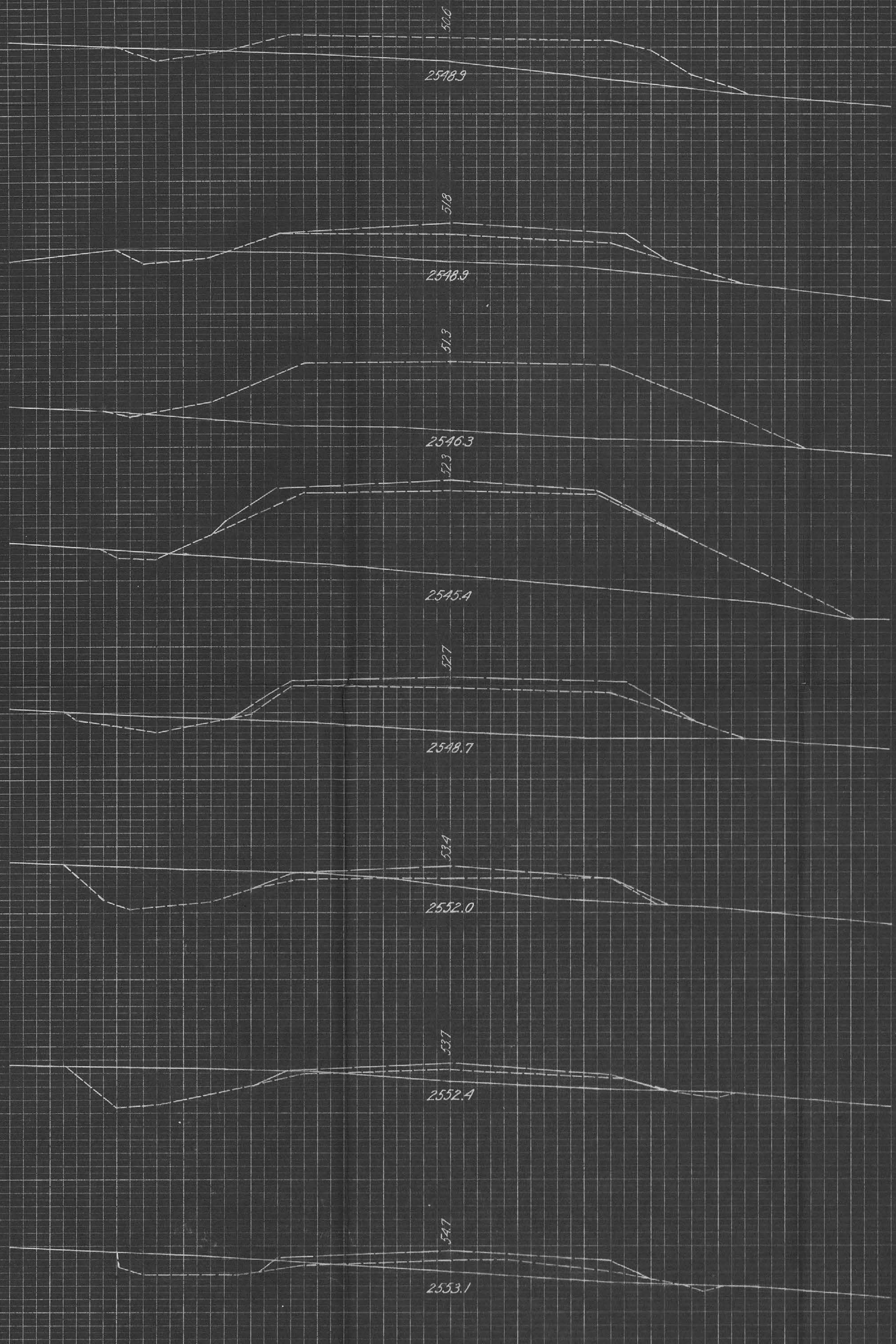
DATE	BY
FINAL SURVEY	NO.
REVIEWED	DATE
PLOTTED	DATE
NOTE BOOK	DATE
DATE CHECKED	BY

DATE	BY
ORIGINAL SURVEY	NO.
REVIEWED	DATE
PLOTTED	DATE
NOTE BOOK	DATE
DATE CHECKED	BY



FINAL	DATE
SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	
AREAS	
TEMPERATURE	
PICTURE	
ALLO	
ALLO	
ALLO	
ALLO	

ORIGINAL	DATE
SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	
AREAS	
TEMPERATURE	
PICTURE	
ALLO	
ALLO	
ALLO	
ALLO	



58+35-A
C=5
F=04

58-A
C=0
F=01
CS=20

57+30-A
C=1
F=182

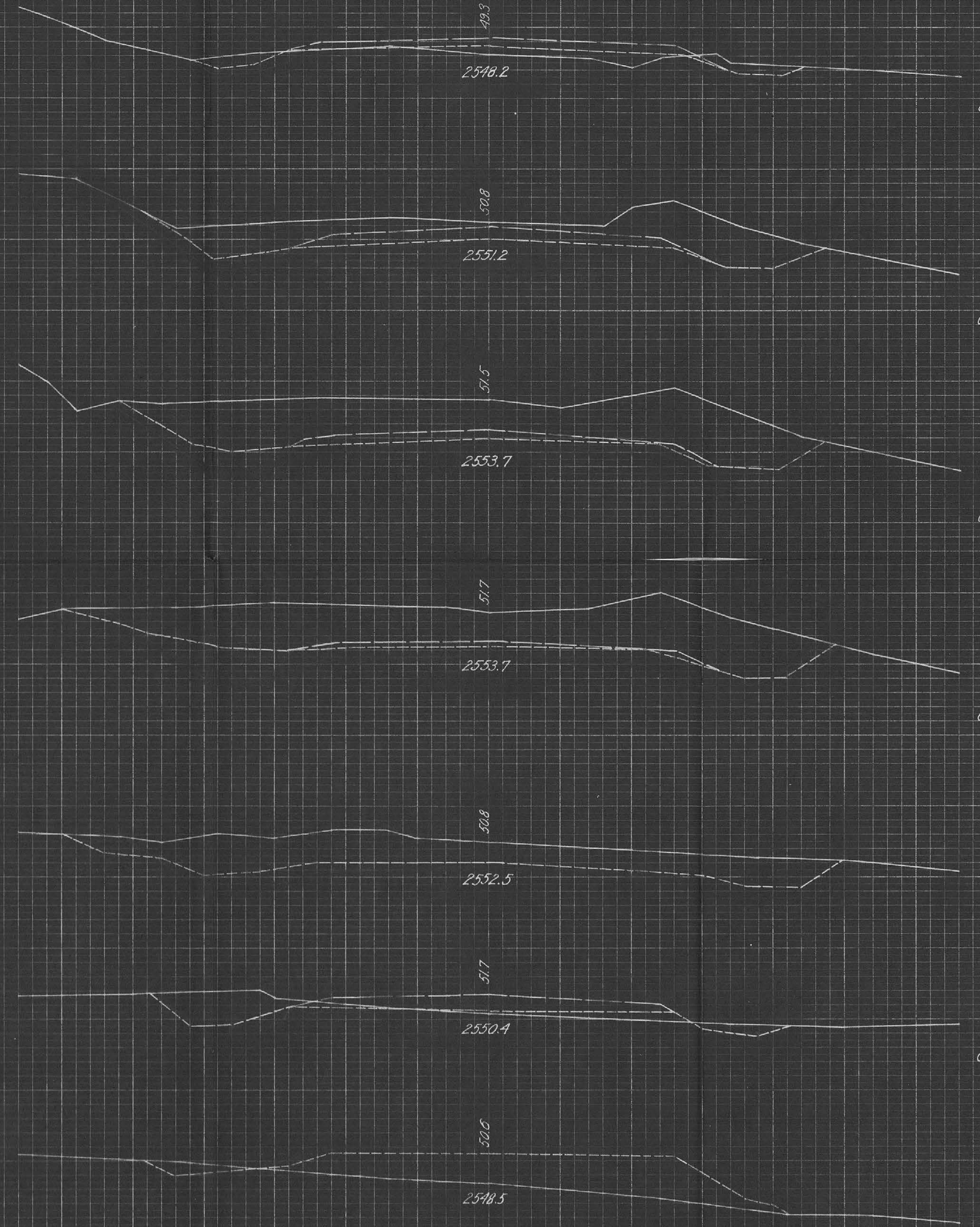
57-A
C=3
F=217
CS=22

56-A
C=8
F=95
CS=24

55-A
C=30
F=20
CS=17

54-A
C=33
F=15
CS=12

53-A
C=20
F=18
CS=20



37
C=13
F=8
CS=17

36
C=91
F=0
CS=22

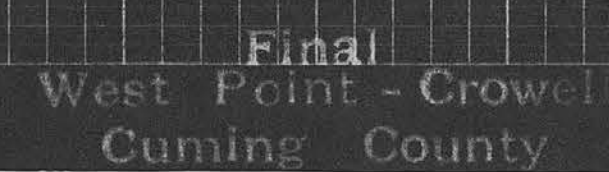
Equation
60+20.7-A=
35+39.8
C=150
F=0
CS=15

60-A
C=148
F=0
CS=9

59+30-A
C=97
F=0

59-A
C=23
F=18
CS=21

58+50-A
C=4
F=12

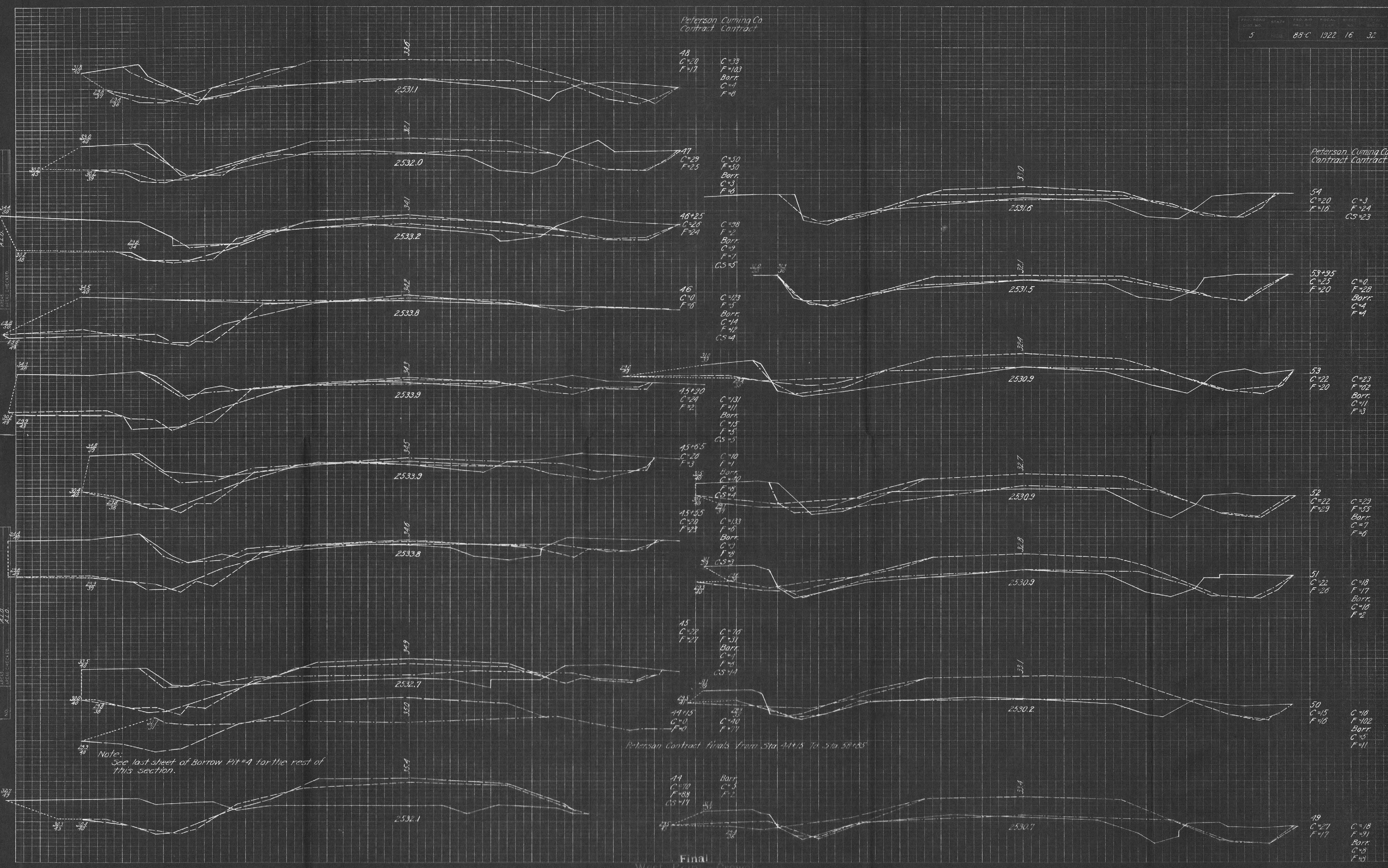


FINAL SURVEY
 SURVEYED BY: A.L.O.
 PLOTTED BY: A.L.O.
 NOTE BOOK: A.L.O.
 CHECKED BY: A.L.O.

ORIGINAL SURVEY
 SURVEYED BY: A.L.O.
 PLOTTED BY: A.L.O.
 NOTE BOOK: A.L.O.
 CHECKED BY: A.L.O.

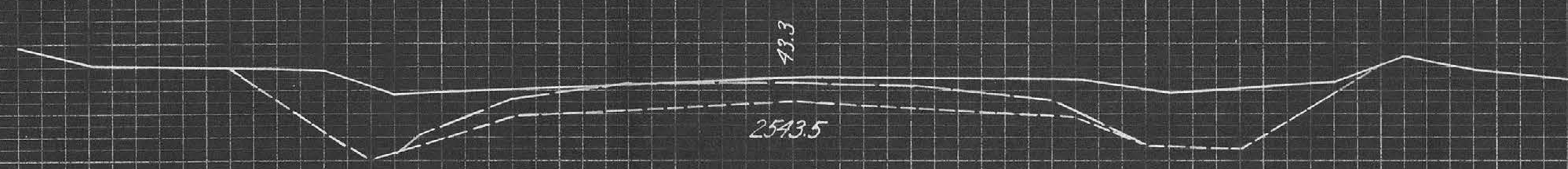
Peterson, Cuming Co.
 Contract Contract

Peterson, Cuming Co.
 Contract Contract

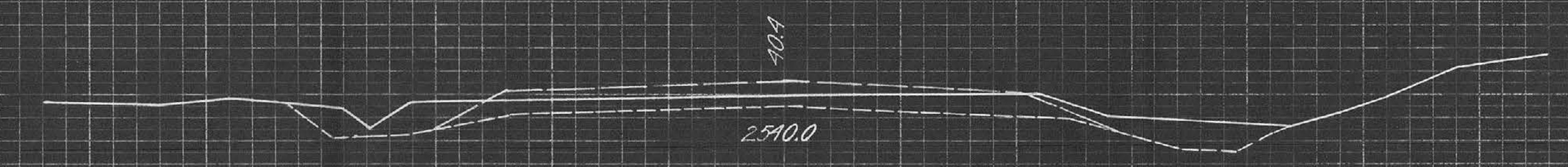


Note:
 See last sheet of Borrow Pit #4 for the rest of
 this section.

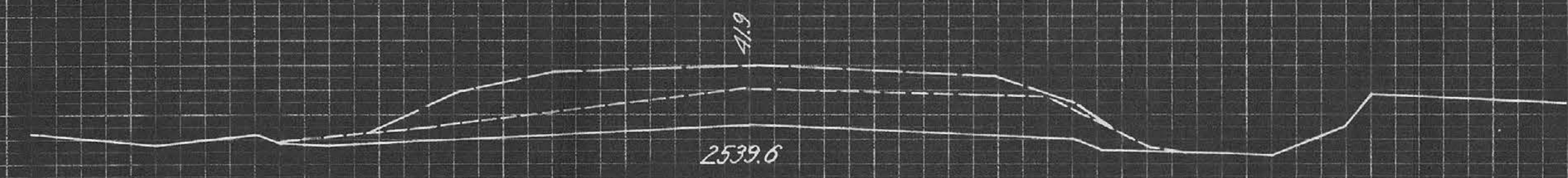
Peterson Contract Abals From Sta. 44+15 To Sta. 50+85



69
C=19
F=0
CS=24



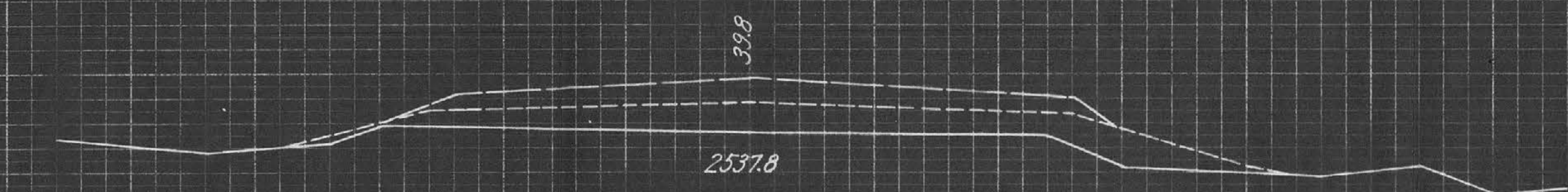
74
C=30
F=0
CS=26



68
C=0
F=44
CS=24



73
C=5
F=10
CS=34



67
C=0
F=34
CS=22



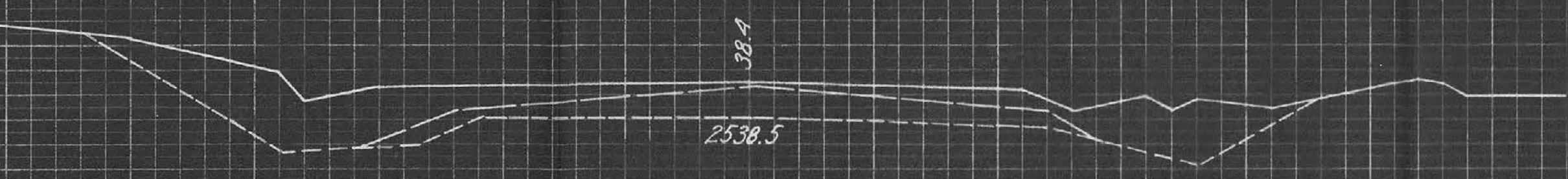
72
C=17
F=4
CS=31



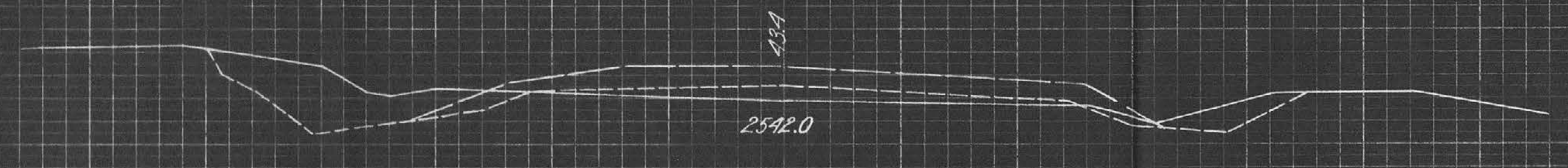
66+50
C=0
F=12



71
C=0
F=27
CS=32



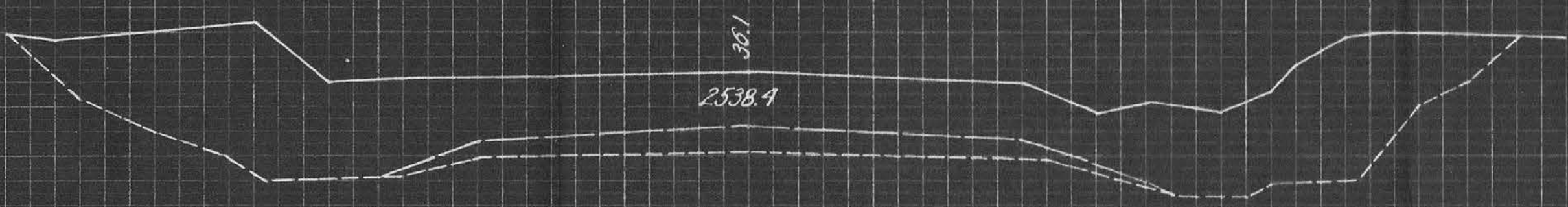
65
C=25
F=0
CS=27



70
C=25
F=6
CS=20



65+50
C=19.5
F=0



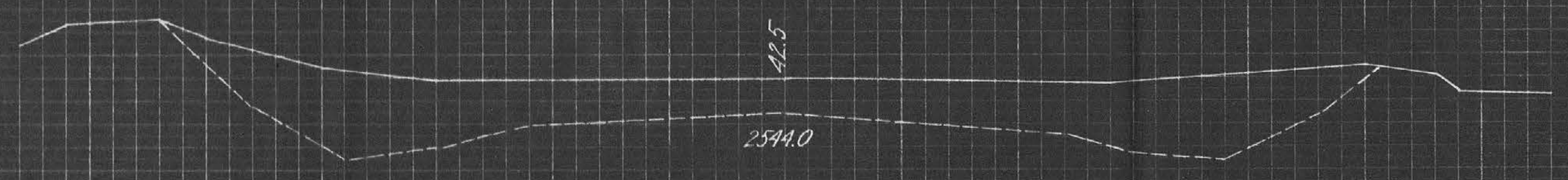
65
C=210
F=0
CS=24



69+60
C=28
F=0



64
C=40
F=1
CS=25



69+25
C=118
F=0

ORIGINAL SURVEY PLOTTED
NOTE BOOK AREAS CHECKED
DATE
BY
1/10
1/10
1/10
1/10

78
C=0
F=58
CS=25

77
C=5
F=0
CS=20

$$\begin{aligned} 76+50 \\ C=47 \\ F=0 \end{aligned}$$

76
C=130
F=0
CS=22

$$\begin{aligned} 75+50 \\ C &= 238 \\ F &= 0 \end{aligned}$$
$$\begin{aligned} 75+25 \\ C=252 \\ F=0 \end{aligned}$$

75
C=235
F=0
CS=25

82
C = 9
F = 10
CS = 25

$$\begin{aligned} 81 &+ 50 \\ C &= 14 \\ F &= 25 \end{aligned}$$

81
C = 9
F = 50
CS = 20

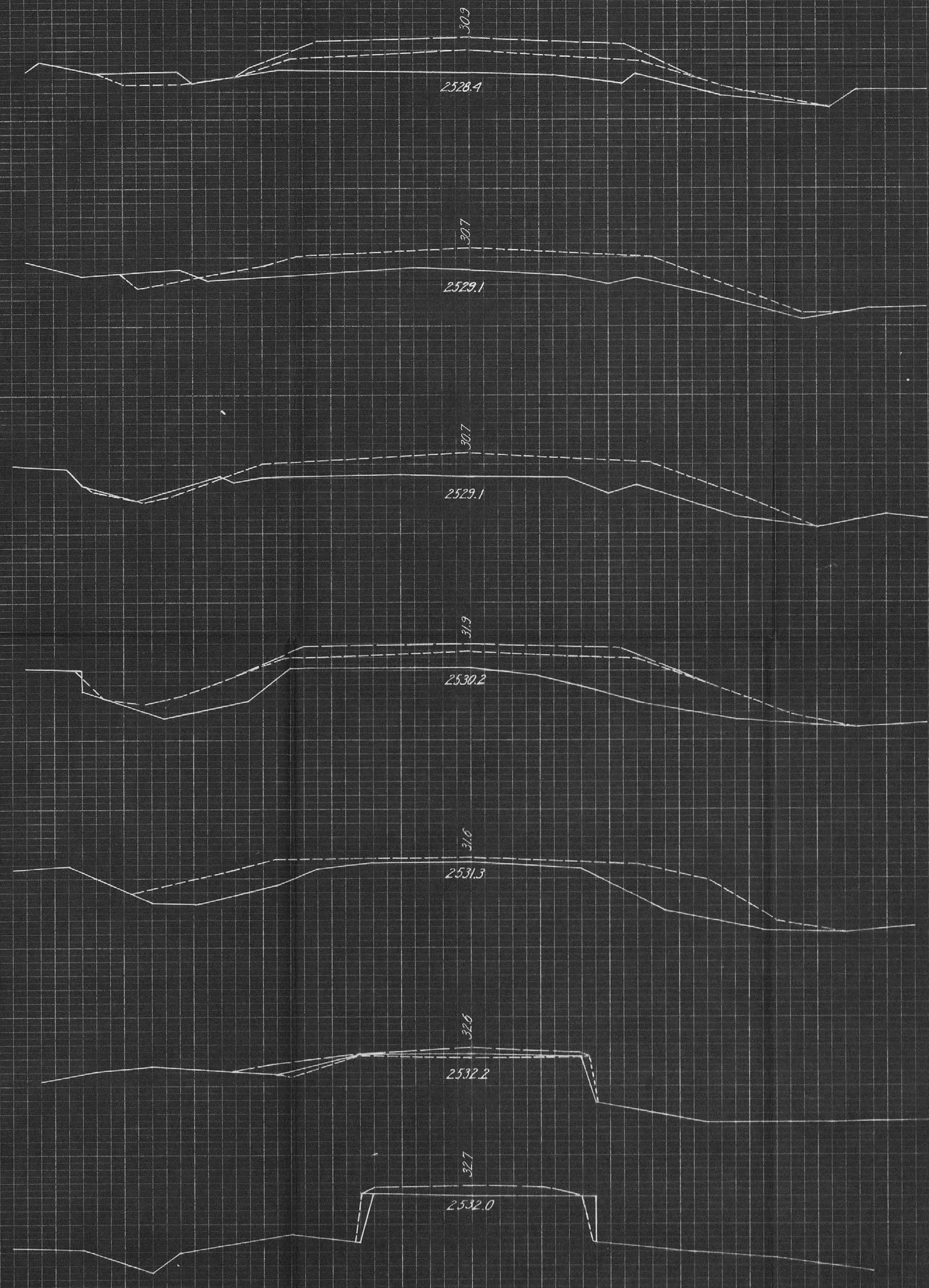
$$\begin{aligned} 80+75 \\ C=1 \\ F=72 \end{aligned}$$
$$\begin{aligned} 80+50 \\ C=1 \\ F=60 \end{aligned}$$

80
C=0
F=83
CS=23

$$\begin{aligned} 79+40 \\ C=0 \\ F=68 \end{aligned}$$

79
C=0
F=64
CS=23

ORIGINAL	BY	DATE
SURVEY	<i>A.L.O.</i>	
PLOTTED	<i>A.L.O.</i>	
TEMPLATE	<i>A.L.O.</i>	
NOTE BOOK	<i>A.L.O.</i>	
AREAS	<i>A.L.O.</i>	
AREAS CHECKED	<i>A.L.O.</i>	
NO.		



84
C=0
F=40
CS=30

83+0.5
C=4
F=50

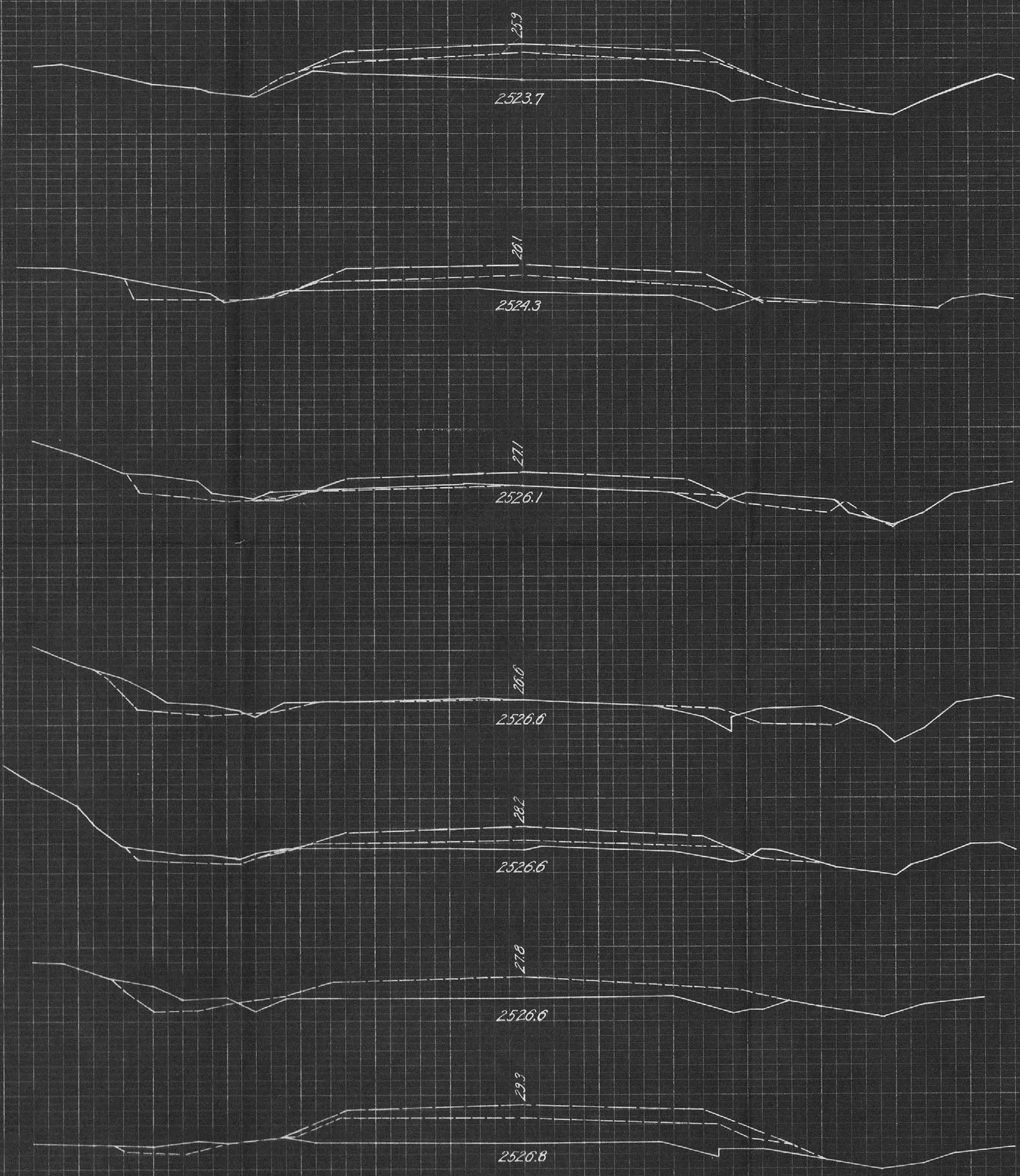
83+50
C=4
F=58

83
C=0
F=82
CS=9

82+7.5
C=0
F=58

82+50
C=7
F=2
CS=13

82+23
C=3
F=3
CS=10



89
C=0
F=40
CS=10

88
C=0
F=25
CS=25

87
C=20
F=3
CS=20

86+50
C=24
F=3

86
C=9
F=13
CS=24

85+50
C=10
F=34

85
C=0
F=47
CS=25

Peterson Contract
Cuming Co. Contract

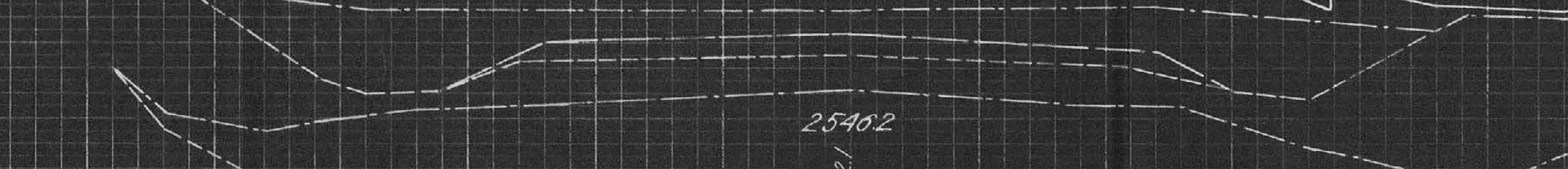
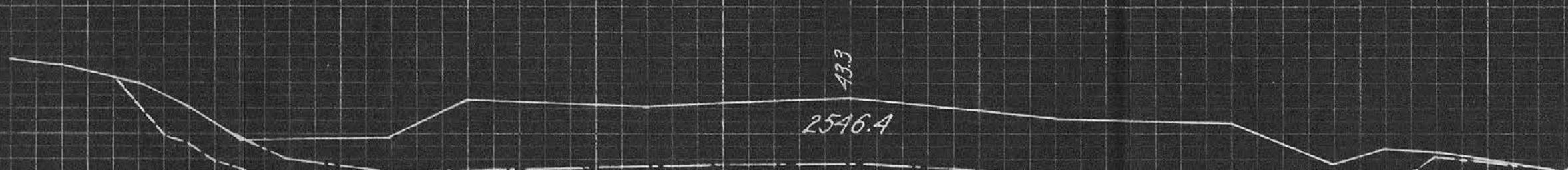
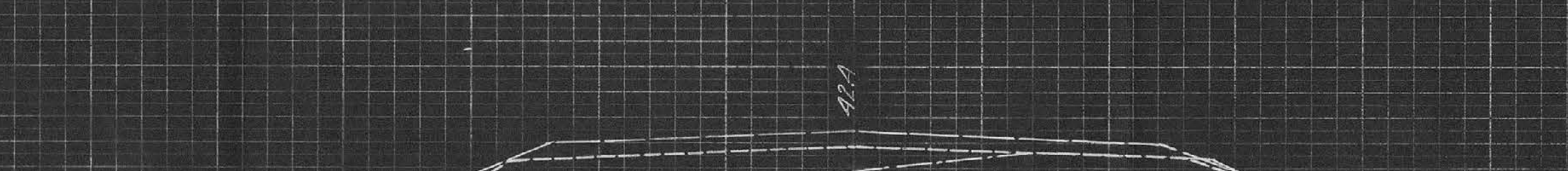
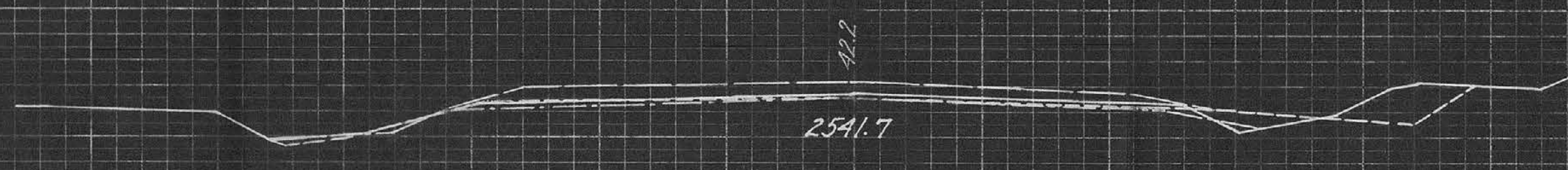
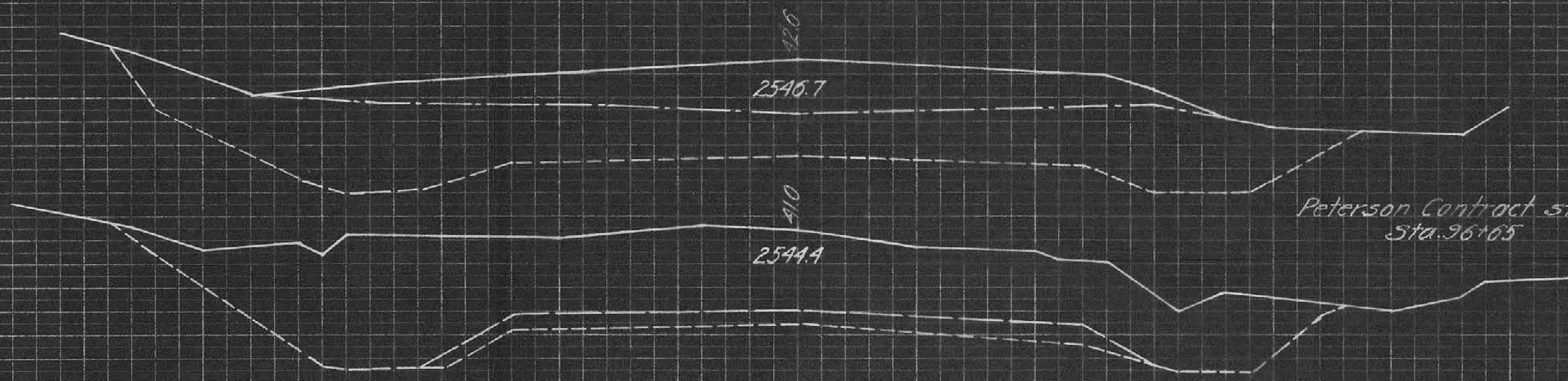
98+80
C=00
F=0
G=127
F=0

Peterson Contract starts
Sta. 96+03

96
C=192
F=0
CS=19

Peterson Contract
Cuming Co. Contract

102+30
C=5
F=0
G=7
F=5
CS=13



Final
West Point - Crowell
Cuming County

ORIGINAL SURVEY PLOTTED
NOTE BOOK AREAS CHECKED
DATE
BY
4/2
4/2
4/2
4/2

Borrow Pit #1

P.O. ROAD	STATE	FED. AID	FISCAL	SHEET	TOTAL
EST. NO.		PAID NO.	YEAR	NO.	SHEETS
5	NEB	88-C	1922	22	32

100.3

111.6

0+50
C=530
F=7

0+45
C=514
F=0

108.4

0+31
C=259
F=1

100.6

0+25
C=184
F=12

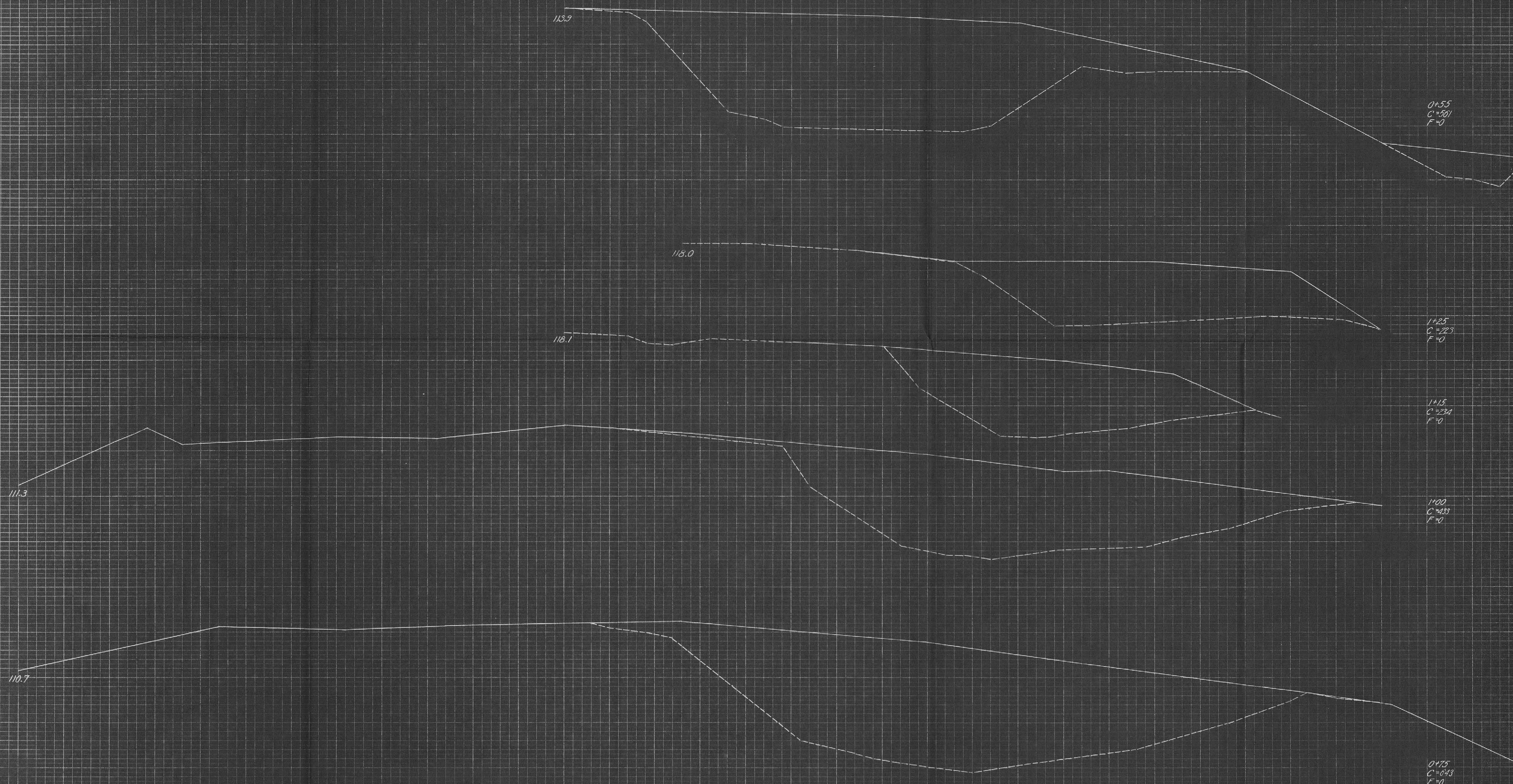
95.5

0+10
C=30
F=0

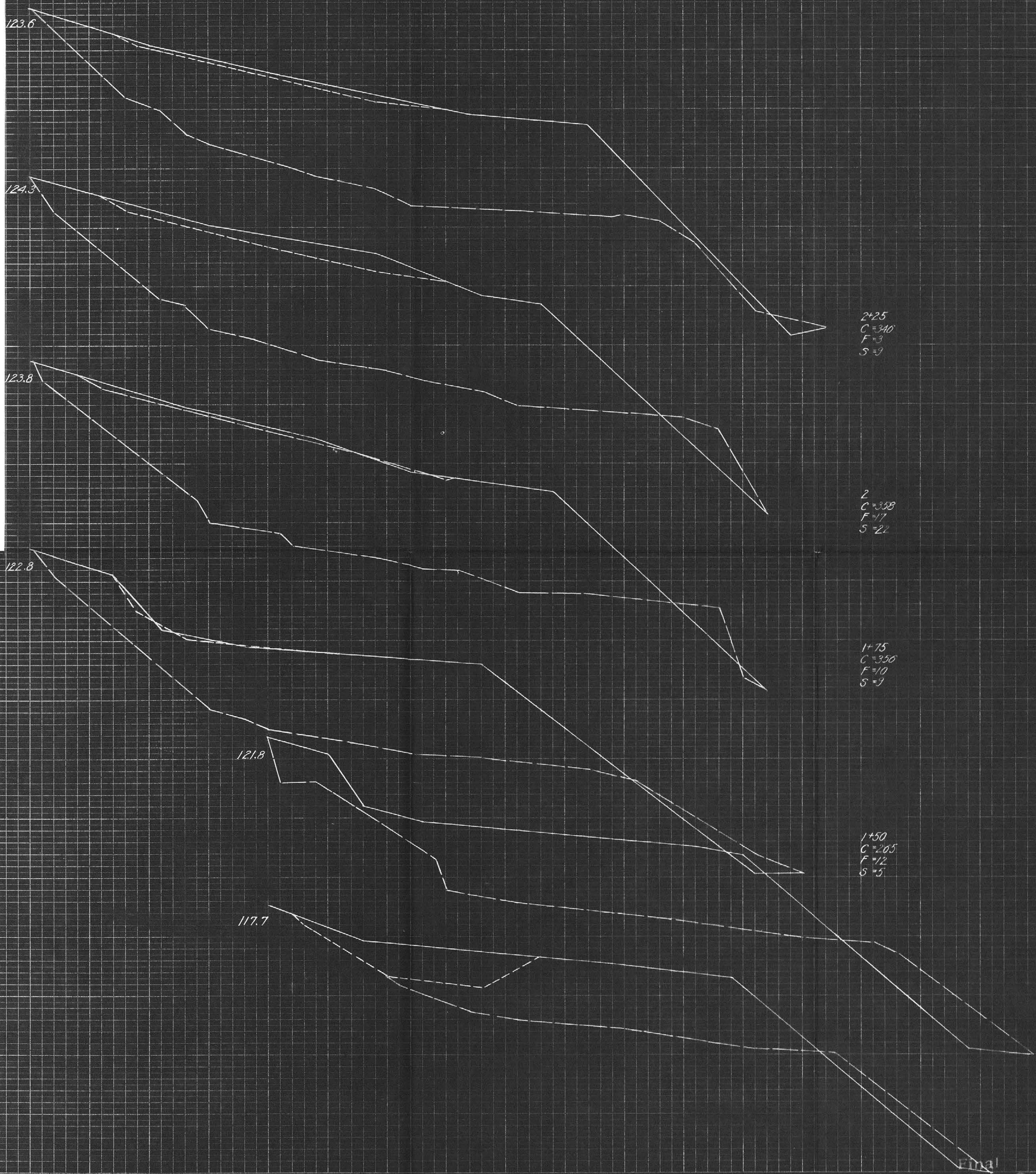
0+00
C=0
F=0

Final
West Point - Crowell
Cuming County

Borrow Pit #1



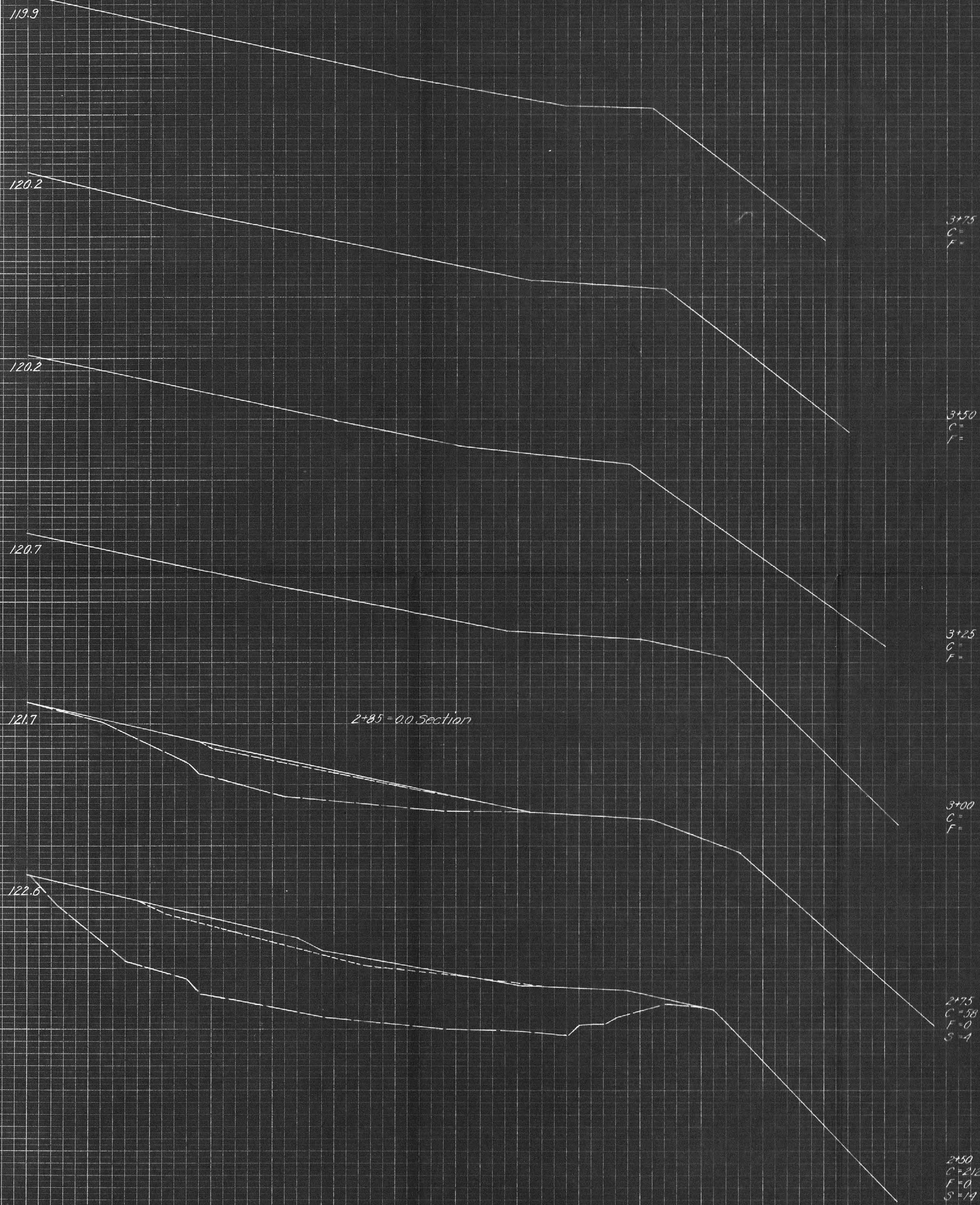
Borrow Pit #1



West Point - Crowell
Cuming County

Borrow Pit #1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5		88-C	1922	25	32



120.3

120.0

4+25
C=
F=

4
C=
F=

Final
West Point - Crowell
Cuming County

Borrow Pit #3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MISS.	88-C	1922	26	32

2558.7
8+00
C=0
F=0

2550.0
7+00
C=40
F=0

2557.1
6+00
C=30
F=0

2556.8
5+00
C=62
F=0

2558.5
4+00
C=72
F=0

2556.5
3+00
C=49
F=0

2554.4
2+00
C=30
F=0

2553.8
1+00
C=14
F=0

2555.9
0+00
C=0
F=0

ORIGINAL SURVEY	DATE
NO.	
NOTE BOOK	
AREAS	
AREAS CHECKED	

Final
West Point - Crowell
Cuming County

Borrow Pit #4

STATE	FED. AID	FISCAL	SHEET	TOTAL
NO.	PERCENT	YEAR	NO.	SHEETS
5	88C	1922	27	32

45
C=77
F=0
Clay
C=291
F=0

44
C=46
F=0
Clay
C=170
F=1

43+50
C=29
F=0
Clay
C=200
F=1

43+50
C=40
F=0
Clay
C=180
F=0

43+45
C=19
F=0
Clay
C=180
F=2

43
C=29
F=0
Clay
C=25
F=5

42+50
C=34
F=0
Clay
C=0
F=0

42
C=35
F=0

41+50
C=21
F=0

41
C=0
F=0

Final
West Point, Iowa
Cuming County

ORIGINAL	DATE
SURVEY	1/2
NOTE BOOK	1/2
NO.	1/2

51
C=43
F=0
Clay
C=212
F=3

50
C=34
F=0
Clay
C=180
F=4

49
C=36
F=0
Clay
C=174
F=3

48
C=52
F=0
Clay
C=162
F=1

47
C=52
F=0
Clay
C=277
F=5

46+25
C=57
F=0
Clay
C=348
F=0

46
C=74
F=0
Clay
C=328
F=2

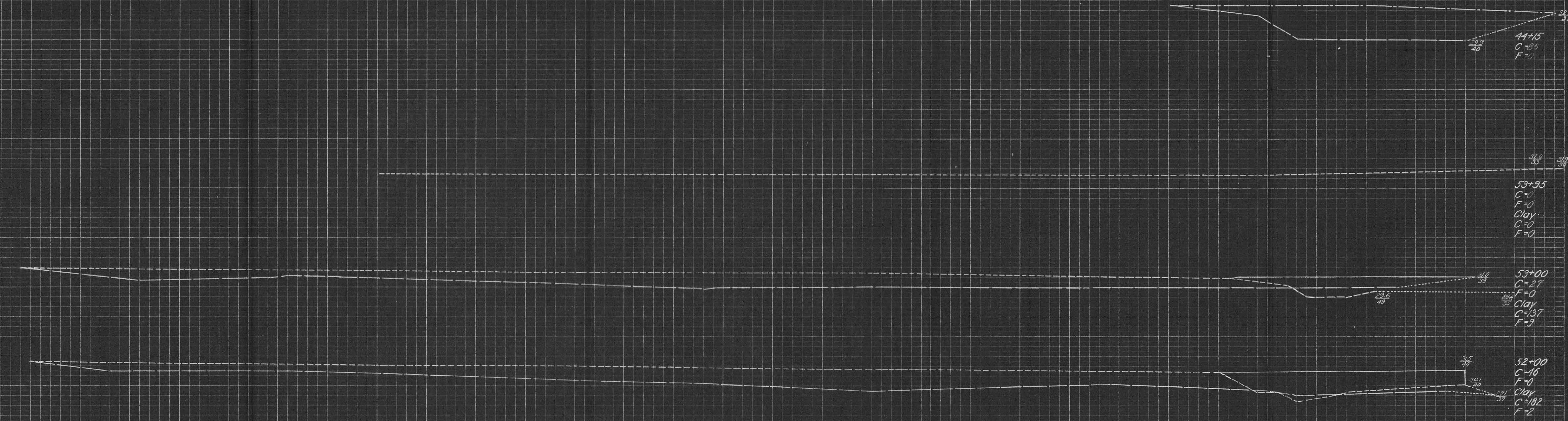
45+90
C=61
F=0
Clay
C=322
F=5

45+55
C=58
F=0
Clay
C=332
F=5

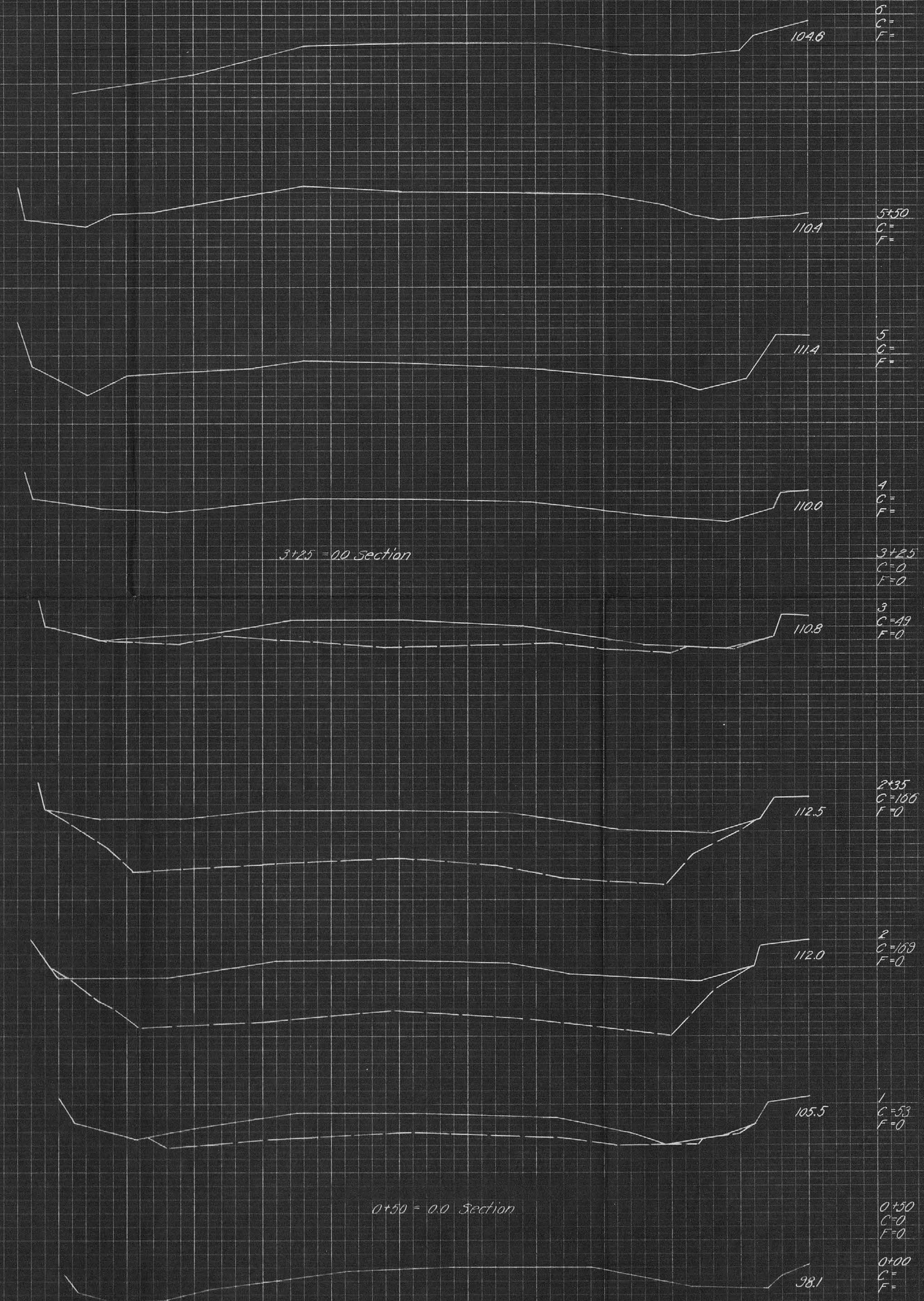
45+55
C=54
F=0
Clay
C=323
F=0

Borrow Pit #4

ORIGINAL SURVEY NO. 470
 DATE
 PLOTTED DATE
 CHECKED DATE
 AREA CHECKED



Borrow Pit #5

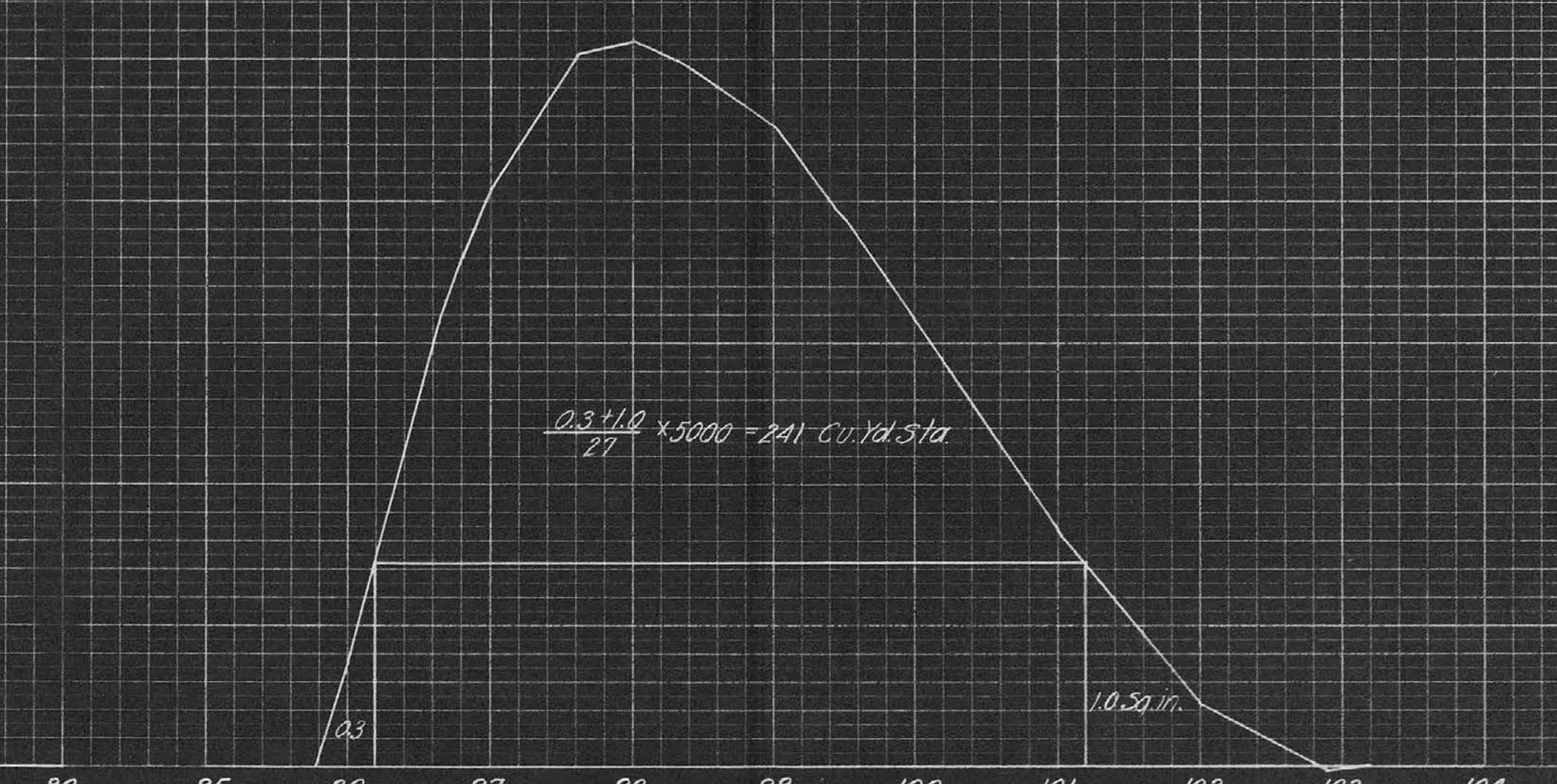
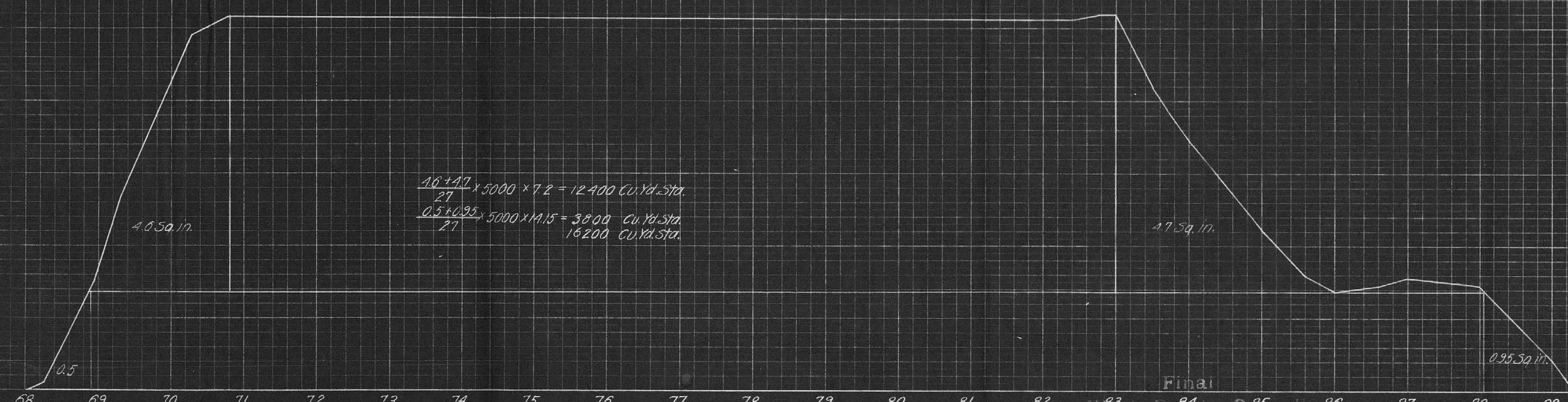
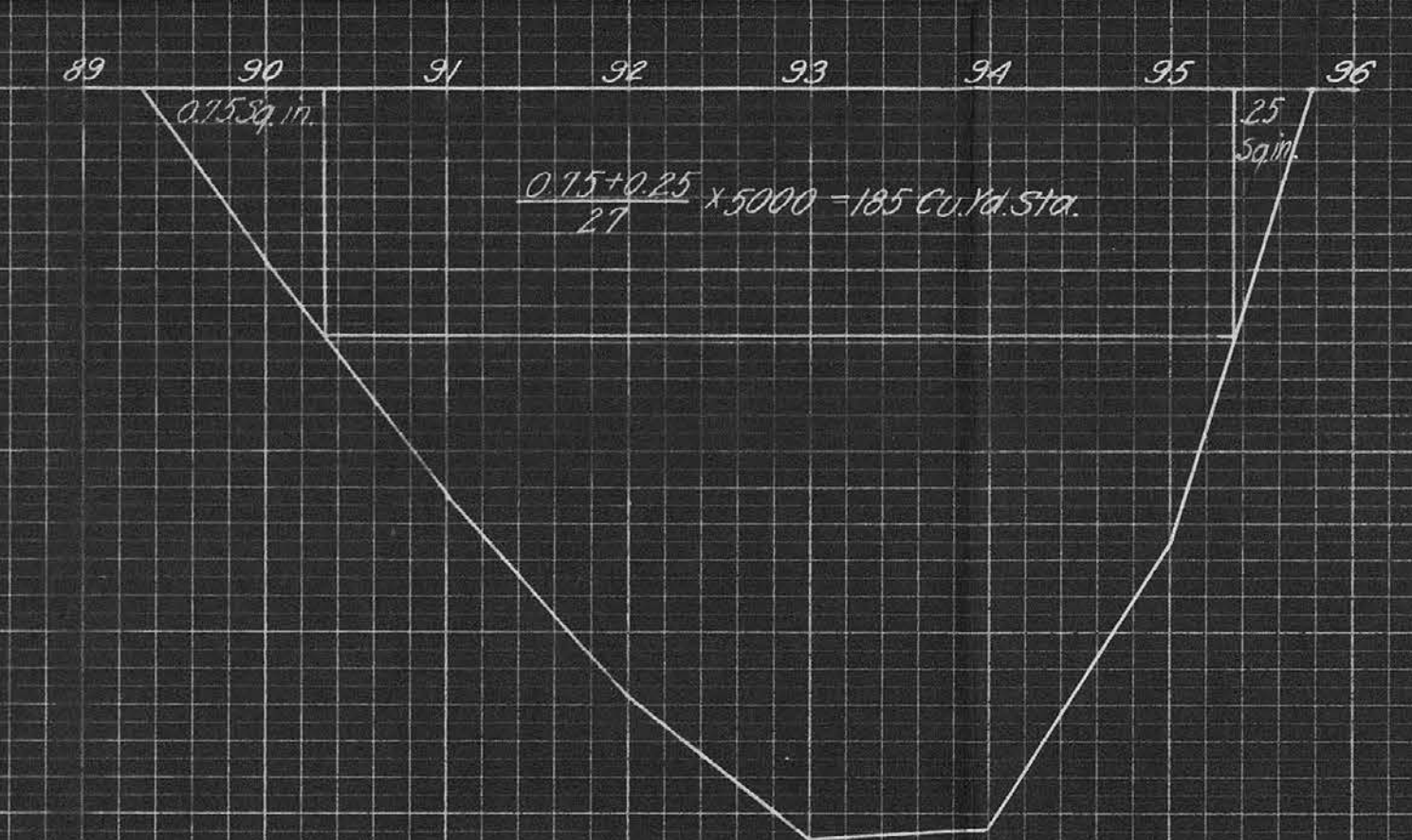
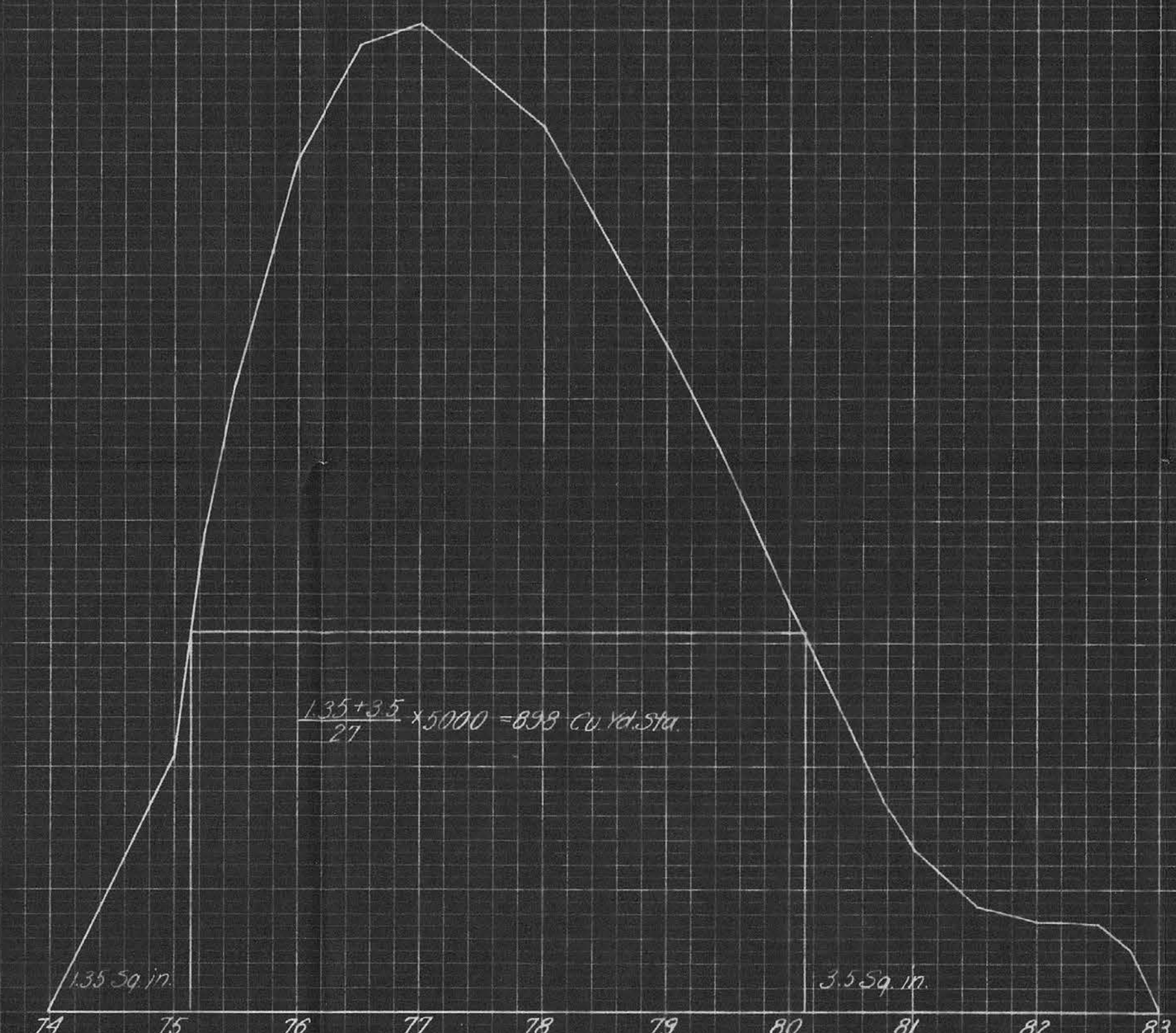
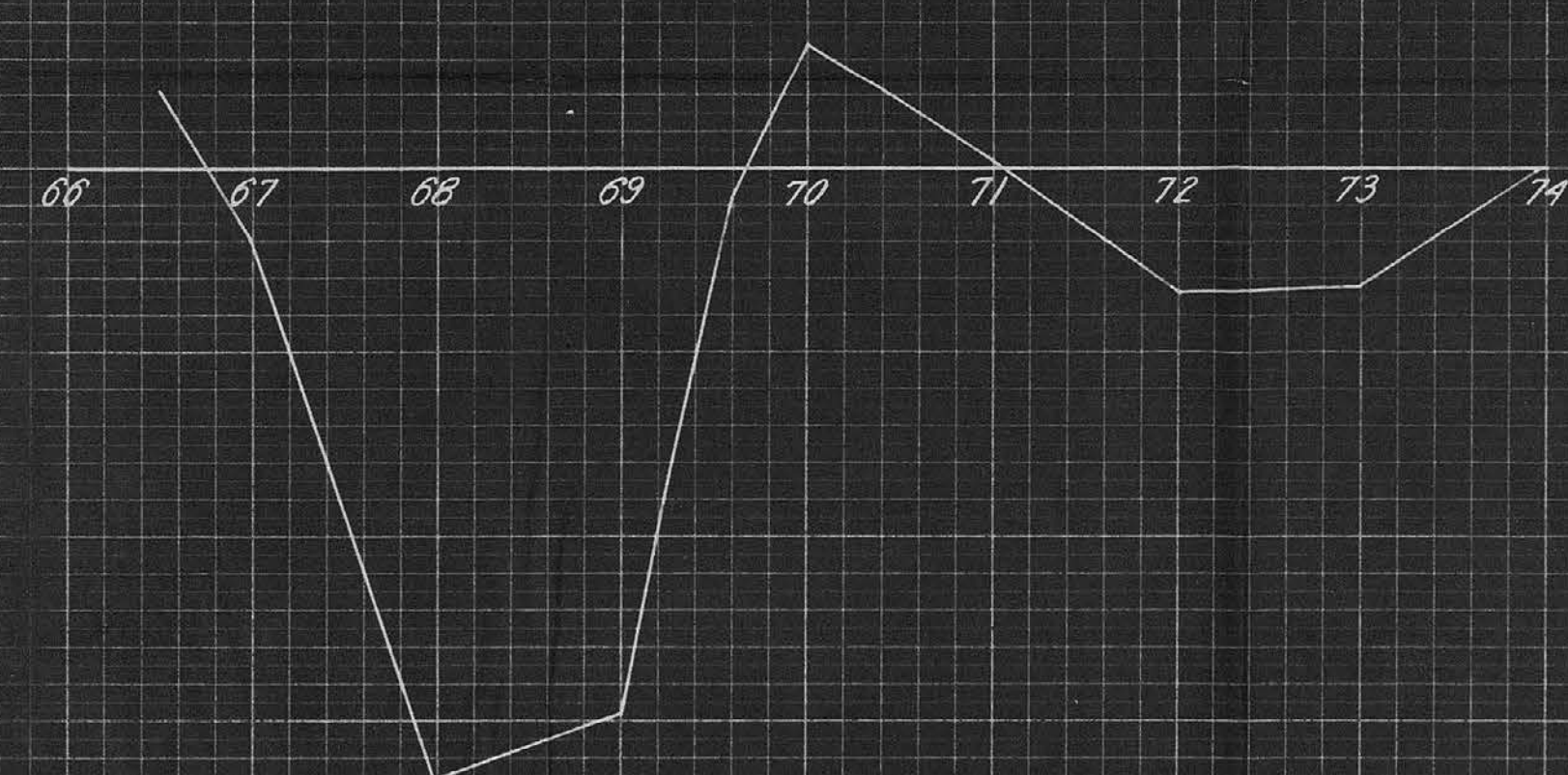
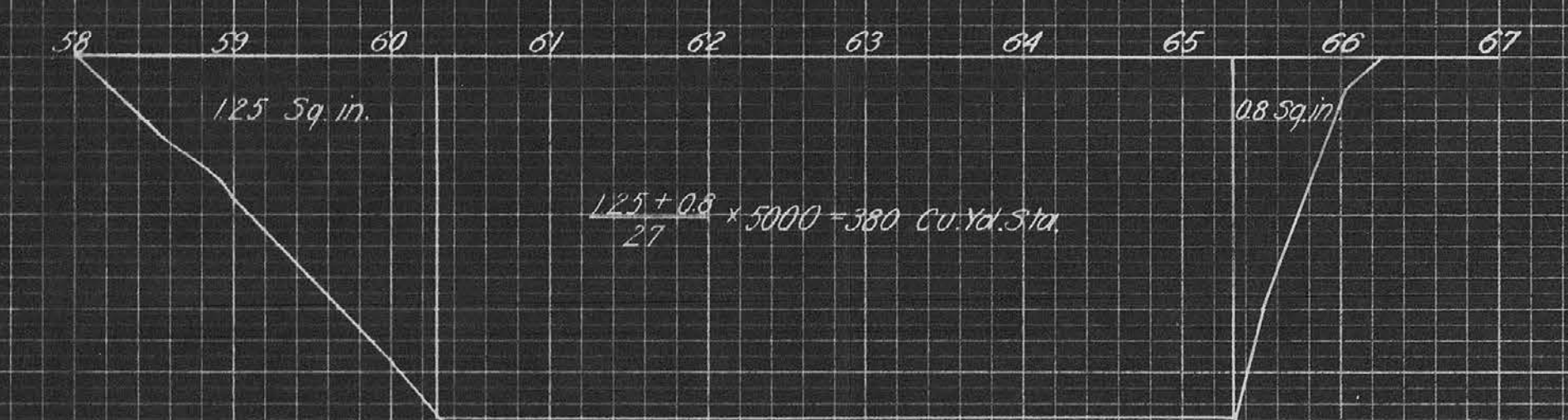
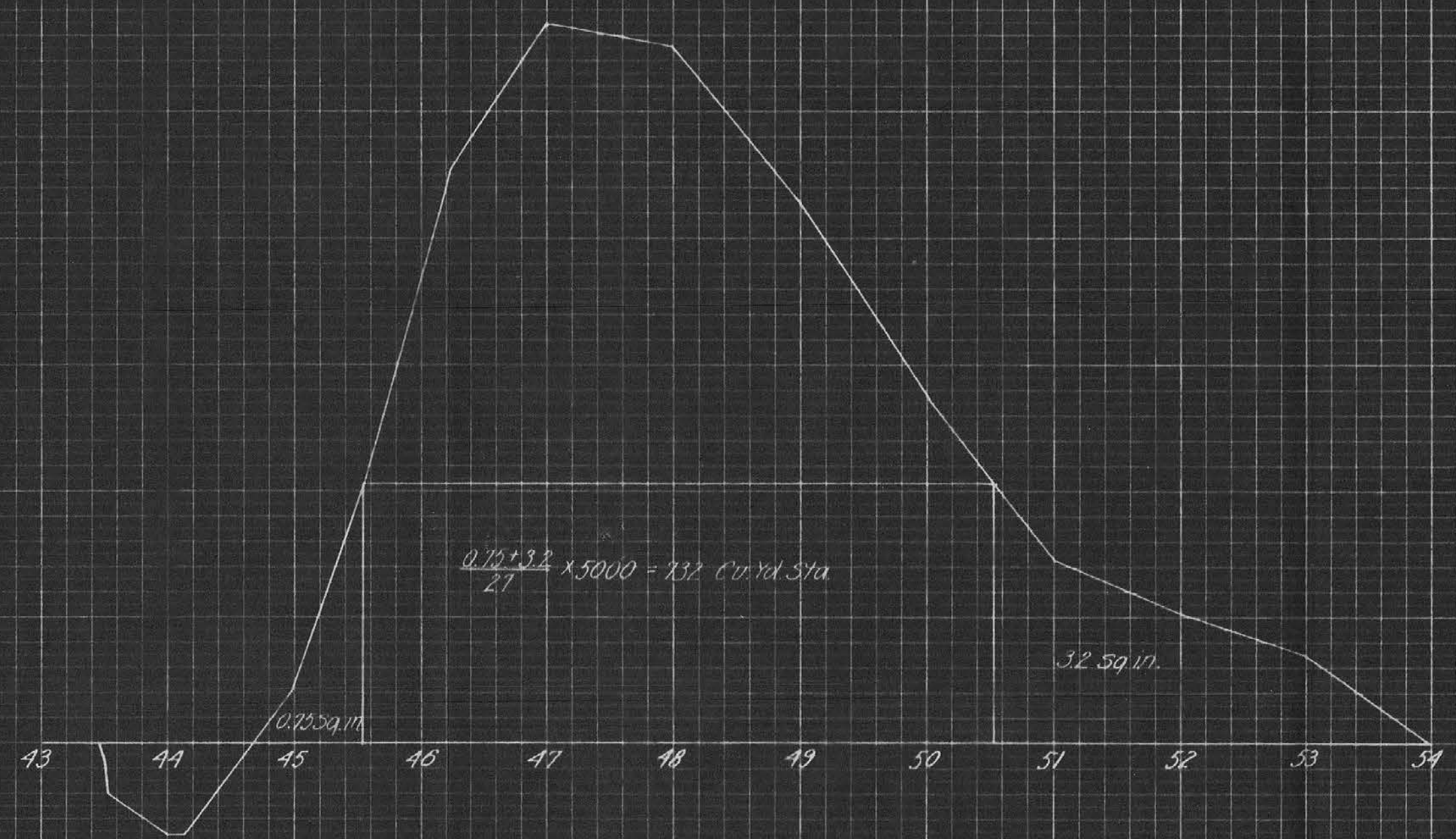
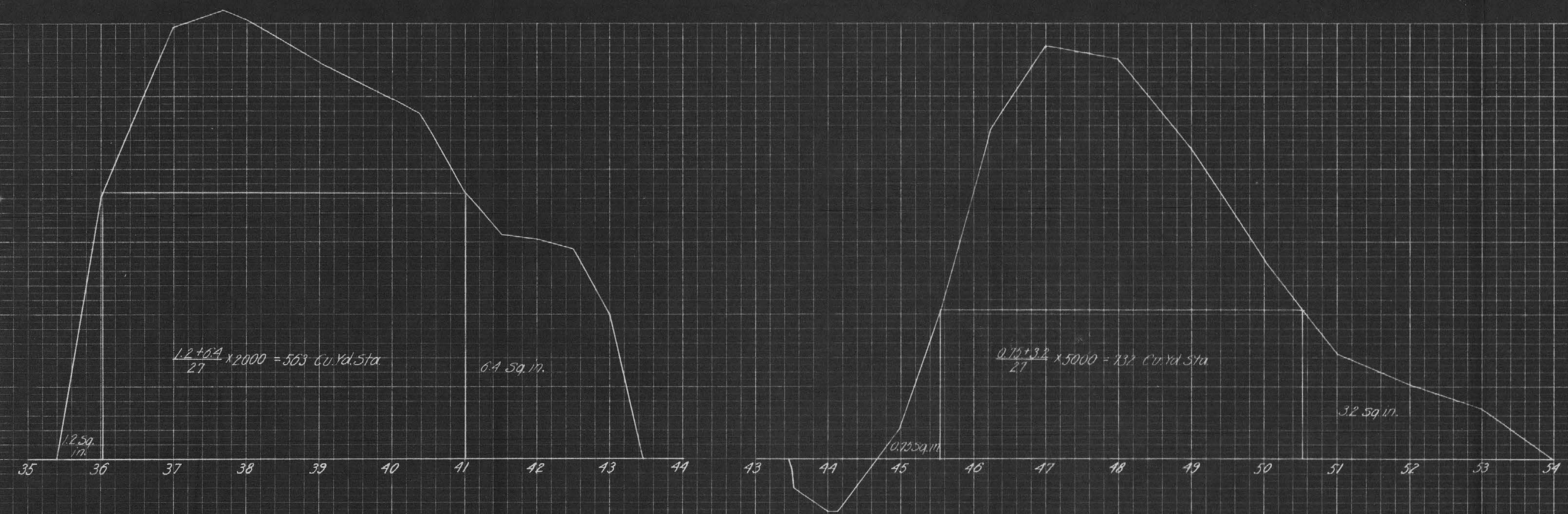


ORIGINAL SURVEY NO. 440
 SURVEY PLOTTED NO. 440
 NOTE BOOK NO. 440
 DATE CHECKED 4/20



Final
West Point - Crowel
Cuming County

ORIGINAL SURVEY	SV	DATE
SURVED	<i>ALO</i>	
PLOTTED	<i>ALO</i>	
TEMPLE	<i>ALO</i>	
AREAS	<i>ALO</i>	
AREAS CHECKED	<i>ALO</i>	
NO.		



ORIGINAL SURVEY
 NOTE BOOK
 NO.