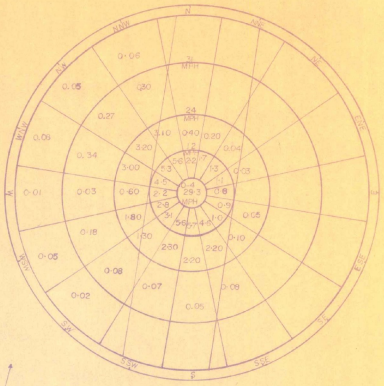
St. Johnsbury





BARRE–MONTPELIER
WIND ROSE
FEB. '49 —— DEC. '54

OBS.	
0-3	4,730
4-12	25,157
13-24	10,616
25-31	729
TOTAL OBS.	41,072

COVERED PERCENTAGE= 90.9

REVISIONS		
NO.	BY	DATE

FEDERAL AVIATION AGENCY	CITY OF ST. JOHNSBURY	VERMONT AERO. BOARD
APPROVED ____ DATE ____	APPROVED ____ DATE ____	APPROVED ____ DATE ____
CHIEF, AIRPORTS BRANCH	CHAIRMAN, AIRPORT COMMISSION	COMMISSIONER
APPROVED ____ DATE ____	APPROVED ____ DATE ____	
REGIONAL ADMINISTRATOR		

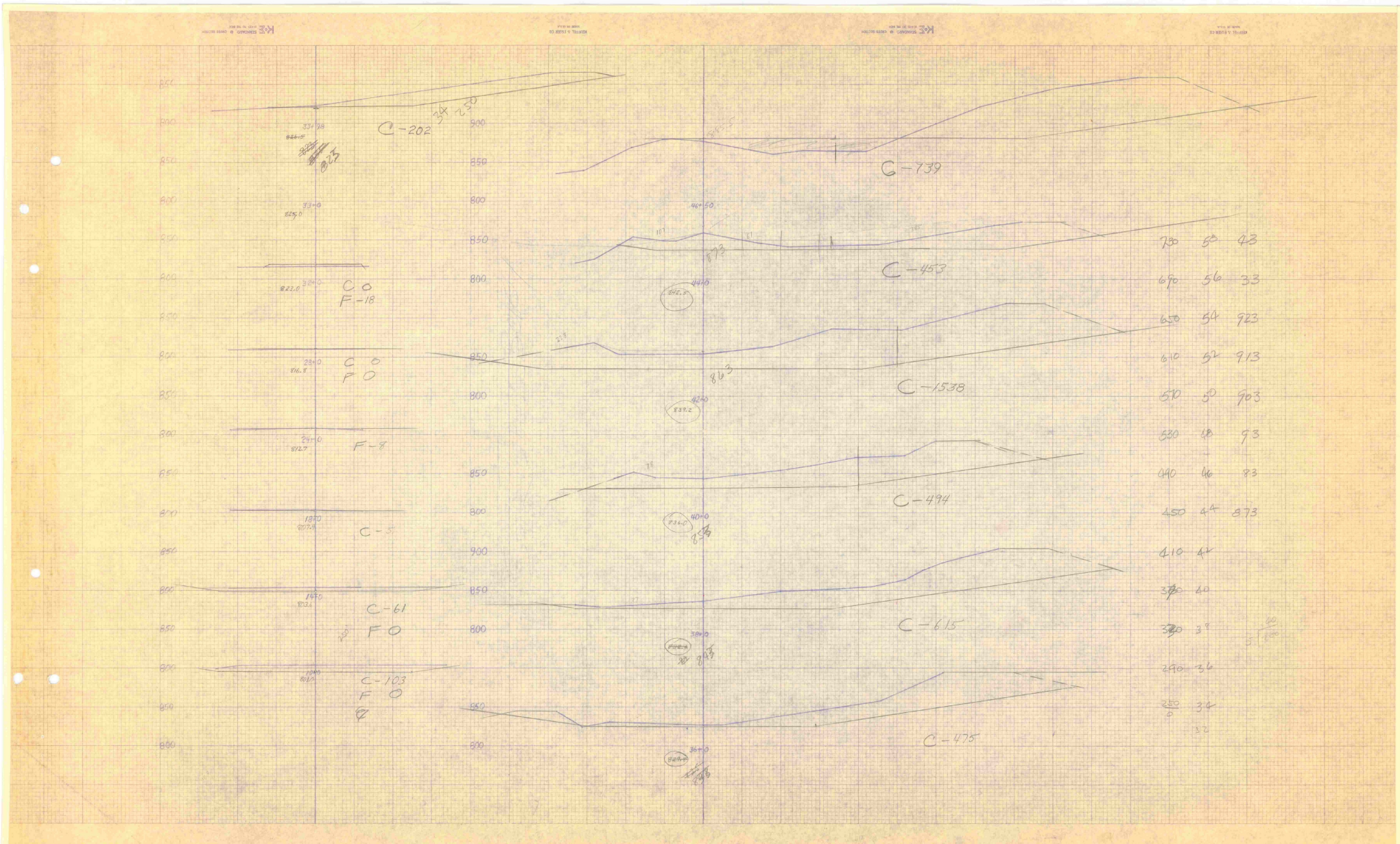
ST. JOHNSBURY MUNICIPAL AIRPORT

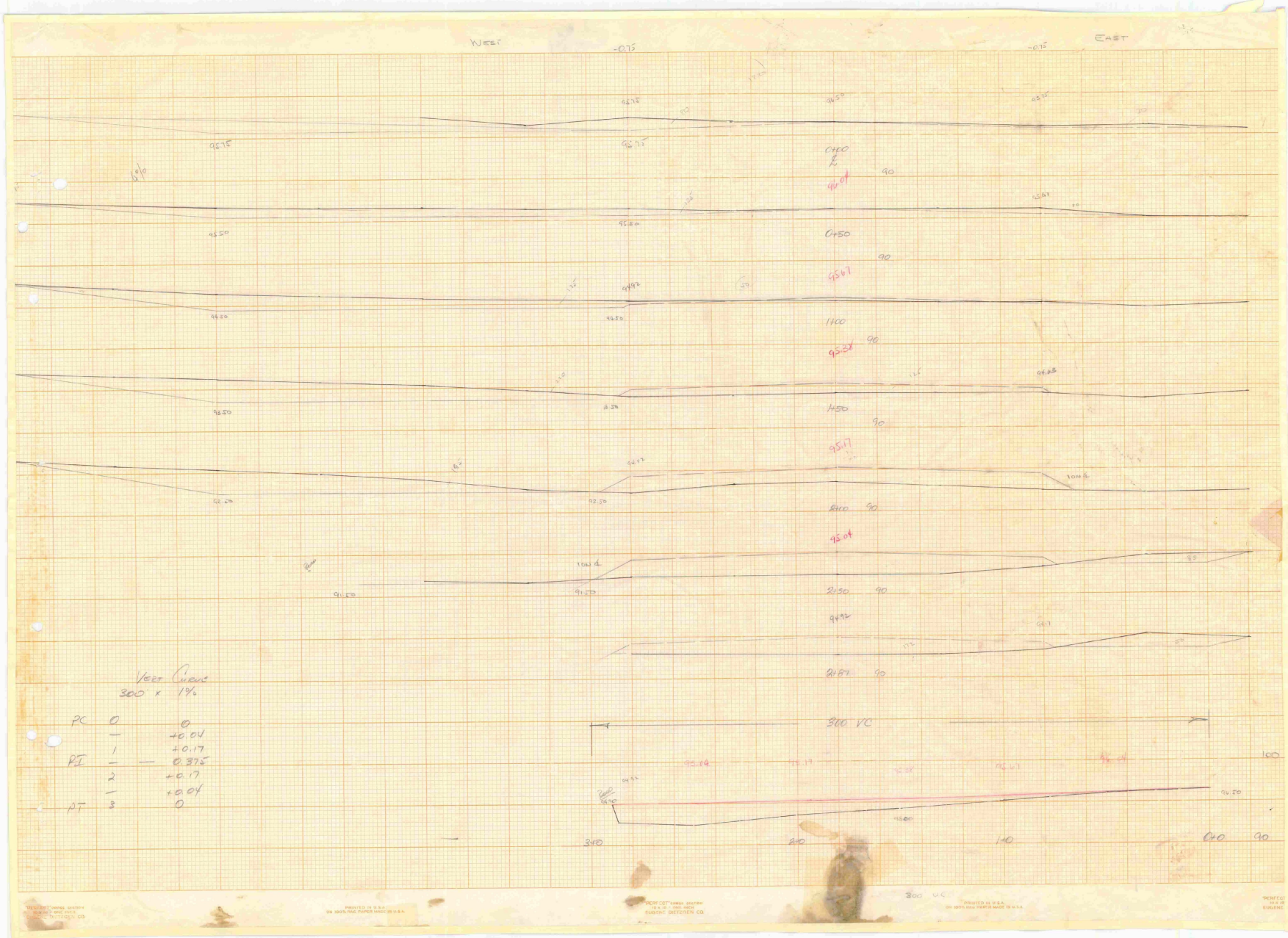
MASTER PLAN

VERMONT AERONAUTICS BOARD

SCALE 1"=200' AUG. '62

D. CUMMINGS, ENGR. DRAWN BY R. PELSUE JR.


C-202
C-739
C-453
C-1538
C-494
C-615
C-475
C-61
C-103
C-5
F-8
C O
F-18
C O
F O
C O
F O
C-103
F O


West
-0.75
-0.75
East
95.75
95.75
95.50
95.80
95.50
95.50
95.50
92.50
92.50
91.50
91.50
0+00
90
0+50
90
1+00
90
1+50
90
2+00
90
2+50
90
3+00
90
3+40
90
95.04
95.67
95.37
95.17
95.04
94.92
94.87
300 VC
95.04
95.17
95.37
95.67
95.80
95.80
95.50
3+40
3+00
2+40
2+00
1+40
0+40
90
100
Vert Curve
300 x 1%
PC 0 0
— +0.04
1 +0.17
PI — — 0.375
2 +0.17
— +0.04
PT 3 0

100 10 2500.50 25000/180

10
14

AREA x 25 1/1 Voc

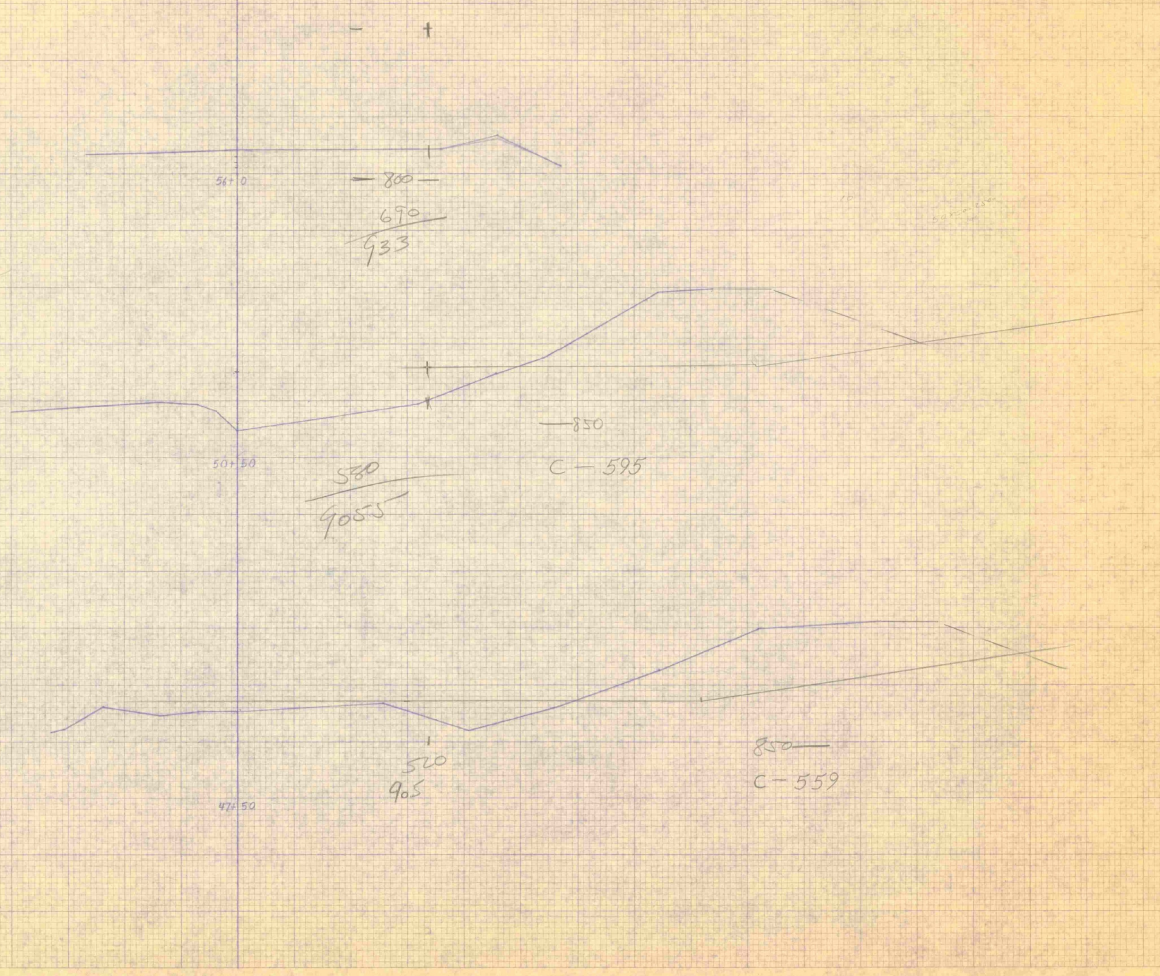
Sta	C	F	C	F
10	107	0	8538	
14	61	0	1525	
18	6	0	188	0
24	0	8	0	200
28	0	0	0	0
32	0	18	0	450
33+99	202	0	5050	0
36	478	0	11875	
37	615	0	15375	
40	894	0	12350	
42	1538	0	38450	
44	453	0	11325	
44+50	739	0	18475	
47+50	559	0	13975	
50+50	595	0	14875	
56+0			0	

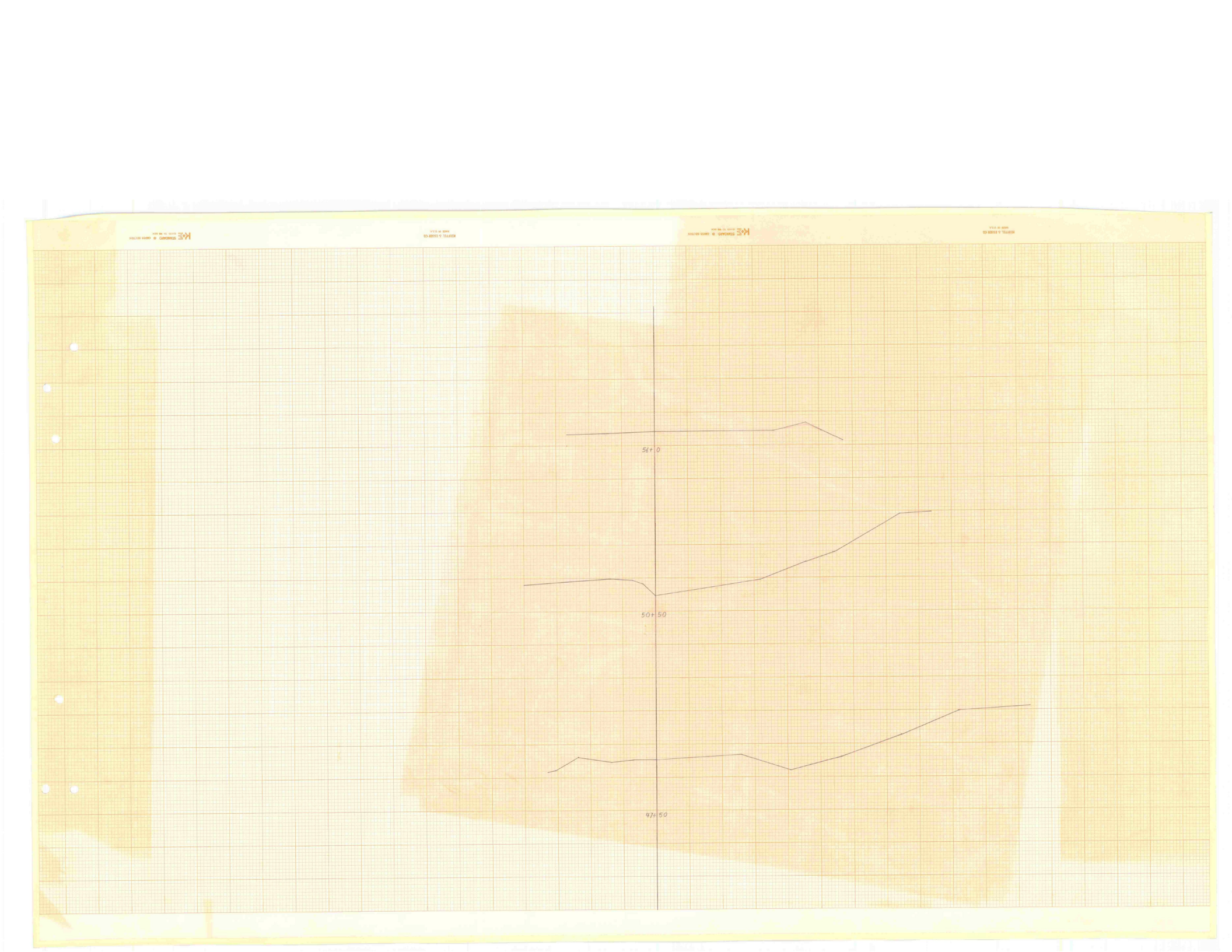
Dist	Fact	C	F
200	3707	11882	
200	3707	6112	
600	11.111	13189	2222
400	7.407		1961
400	7.407		3330
198	3.704	18738	1667
202	3.765	61.1076	
200	3.704	100226	
200	+	101693	
200	+	100163	
200	+	100362	
230	4.286	127174	
200	3.704	120.193	
300	5.556	160711	
550	10.158	181.501	

1,246,488

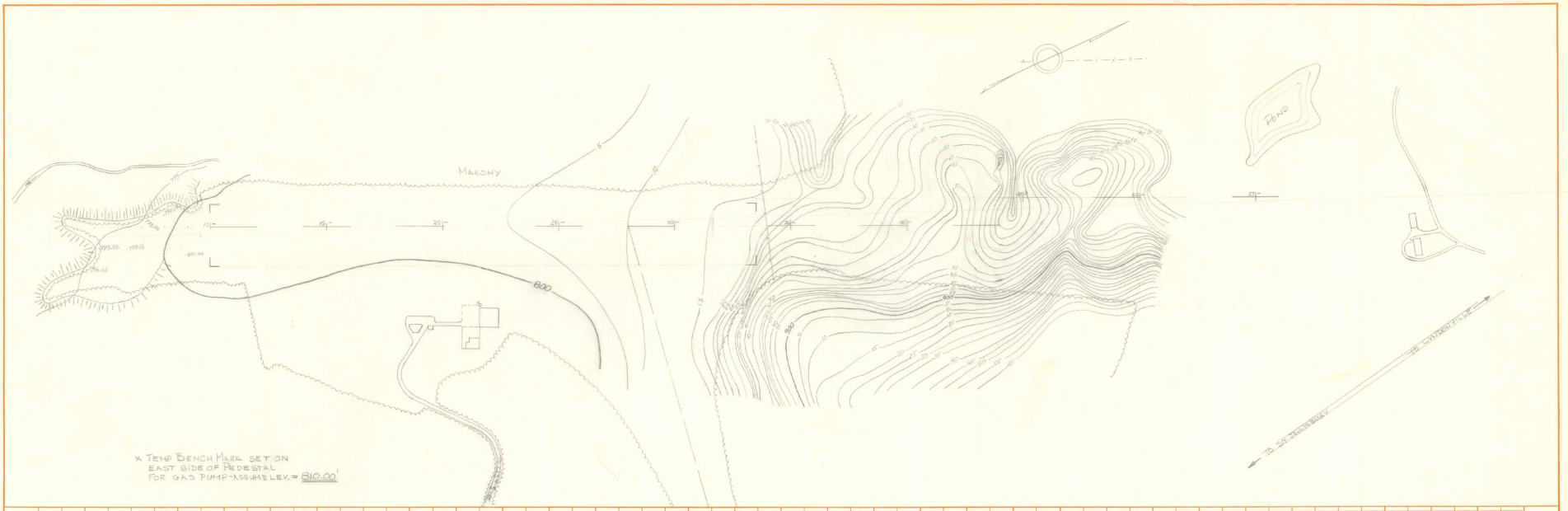
1,246,488

ROCK 997190 x 200 = $1,994380
EARTH 249298 x 0.60 = $149579




56+00
50+50
47+50

850
800
33+78
850
800
33+0
850
800
32+0
850
800
28+0
850
800
24+0
850
800
18+0
850
800
14+0
850
800
10+0
850
800
900
850
800
46+50
850
800
44+0
850
800
42+0
850
800
40+0
900
850
800
38+0
850
800
36+0



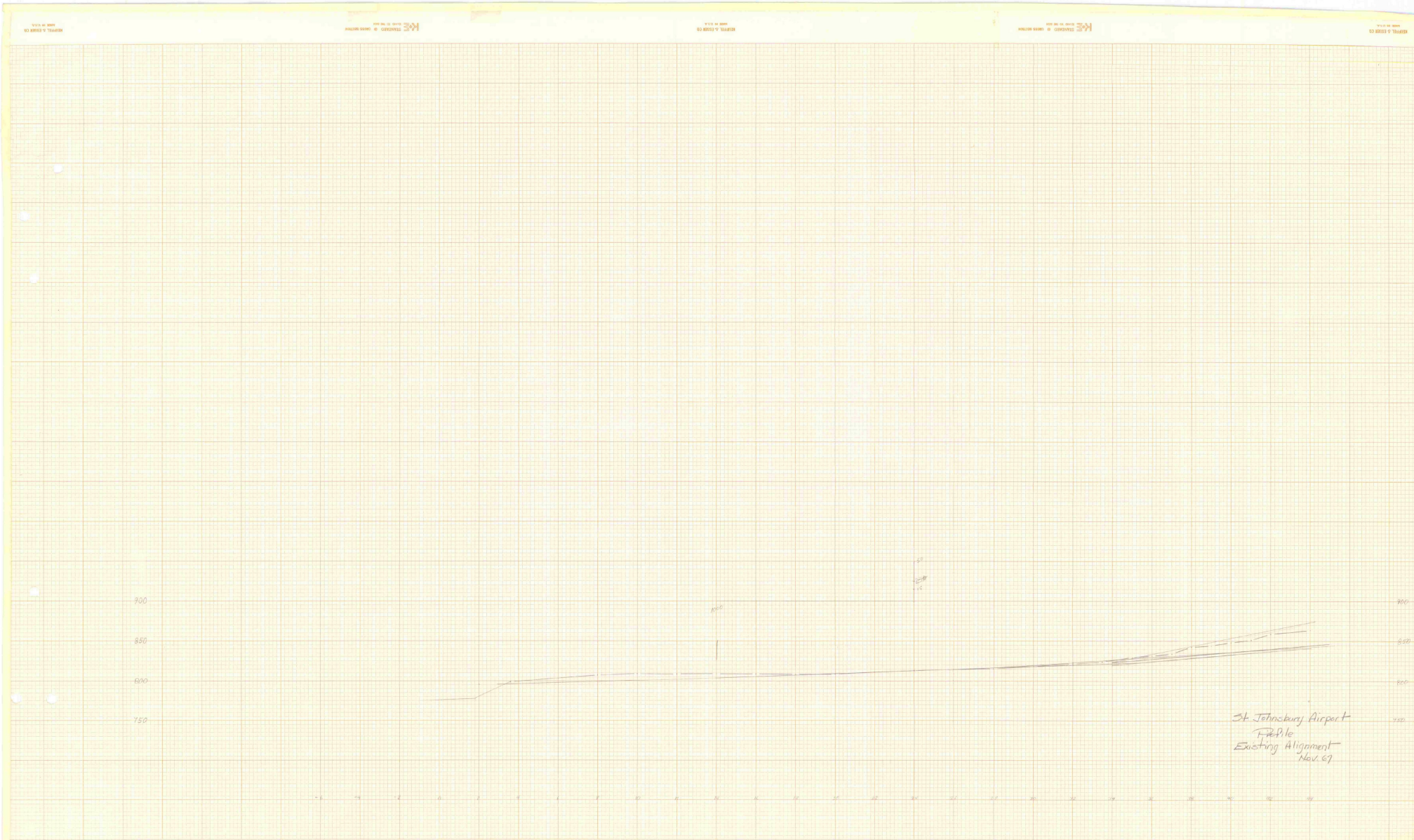
PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
PLAN CHECKED
DATE
BY

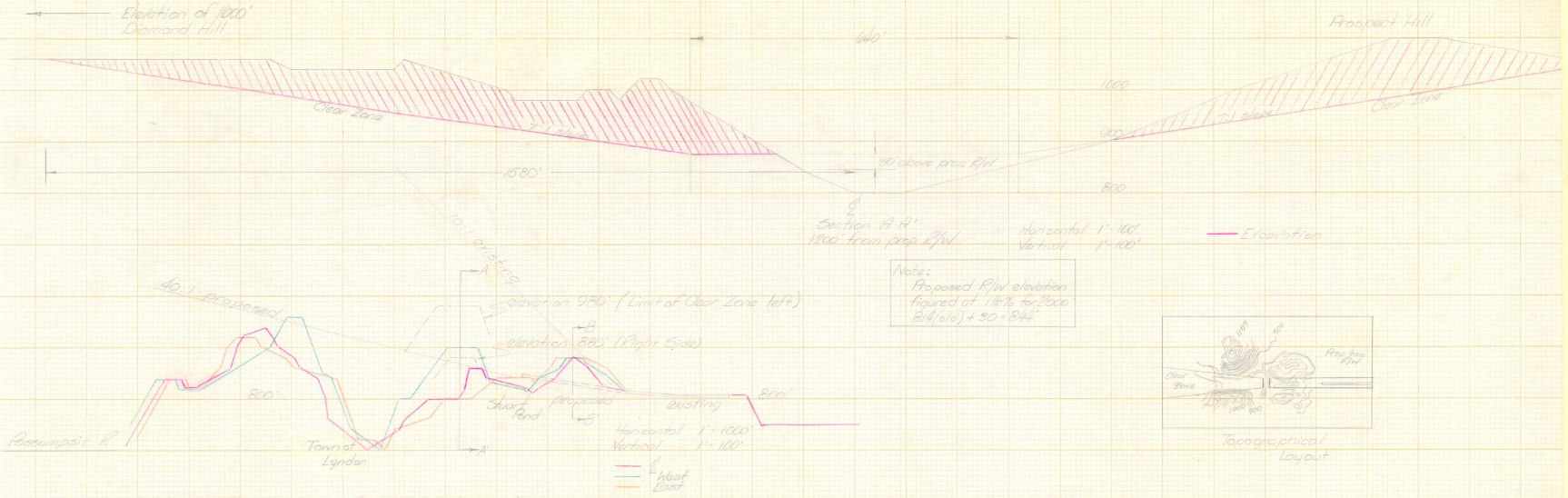
PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
PLAN CHECKED
STREET RESTRICTIONS CHKD
DATE
BY

x TEMP BENCH MARK SET ON
EAST SIDE OF PEDESTAL
FOR GAS PUMP-ASSUME LEV. = 810.00'

K&E PLATE 1, PLAN-PROFILE


MARTHY
x TEMP BENCH MARK SET ON
EAST SIDE OF PEDESTAL
FOR GAS PUMP-ASSUME ELEV. = 610.00'
610
600
590

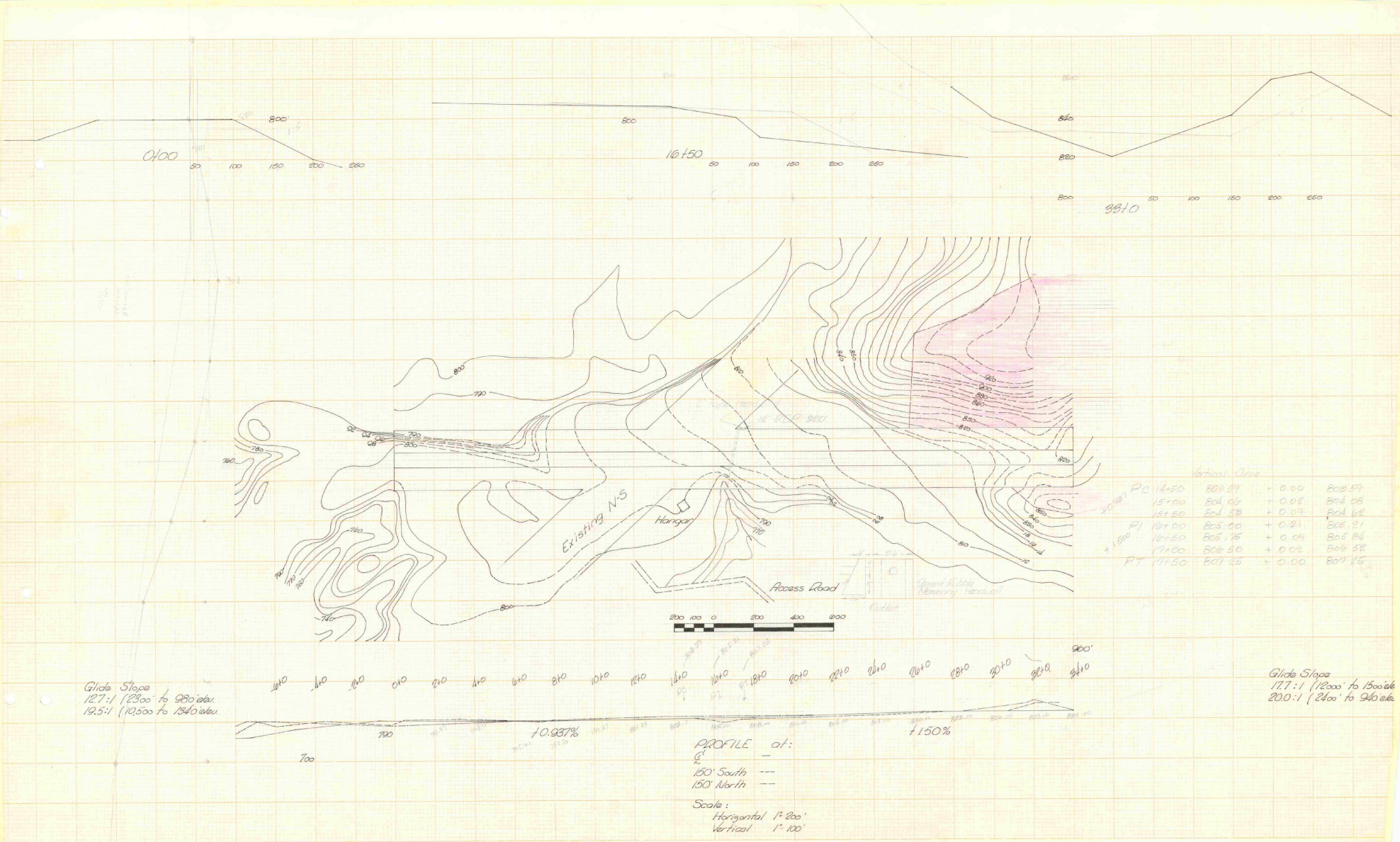

900
850
800
750
St Johnsbury Airport
P.P.I.
Existing Alignment
Nov. 67

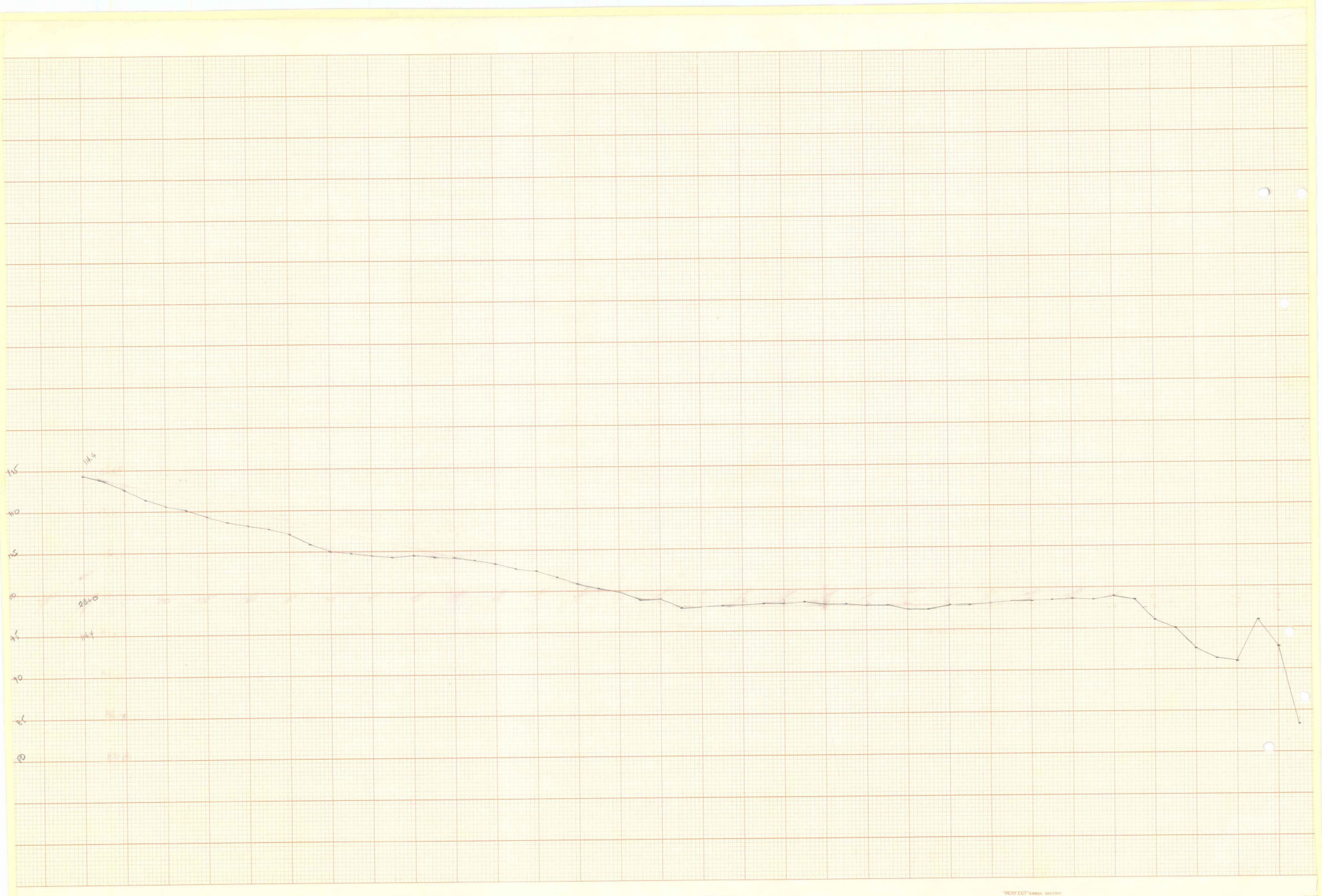


Runway Excavation

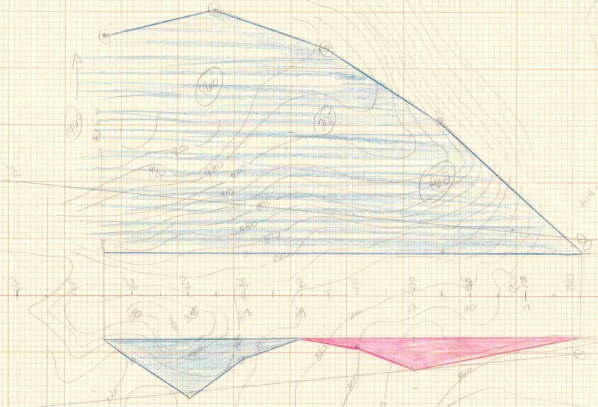
Station	Dist	Volume (cf)	Volume (cf)	Volume (cy)
0+0		0	16,654,750	
7+0	700	47,585	14,275,500	
10+0	800	47,585	19,034,000	
18+0	800	0		
			E = 49,964,250	E ÷ 1,850,528 cy

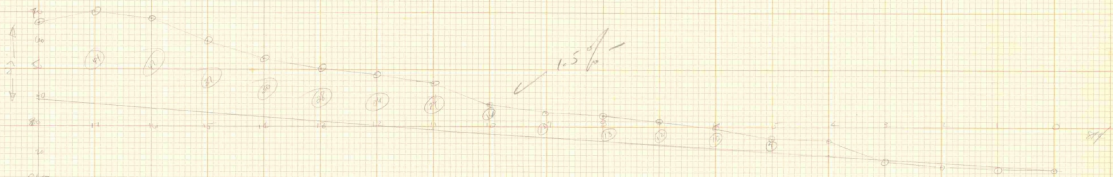
ST. JOHNSBURY MUNICIPAL AIRPORT


0+00
10+50
88+0
Existing N-S
Hangar
Access Road
Glide Slope
12.7:1 (2300' to 980' elev.
19.5:1 (10,500 to 1840' elev.
-0.93%
+1.50%
Glide Slope
17.7:1 (12000' to 1500' elev.
20.0:1 (2400' to 940' elev.
PROFILE of:
℄
150' South
150' North
Scale:
Horizontal 1"=200'
Vertical 1"=100'



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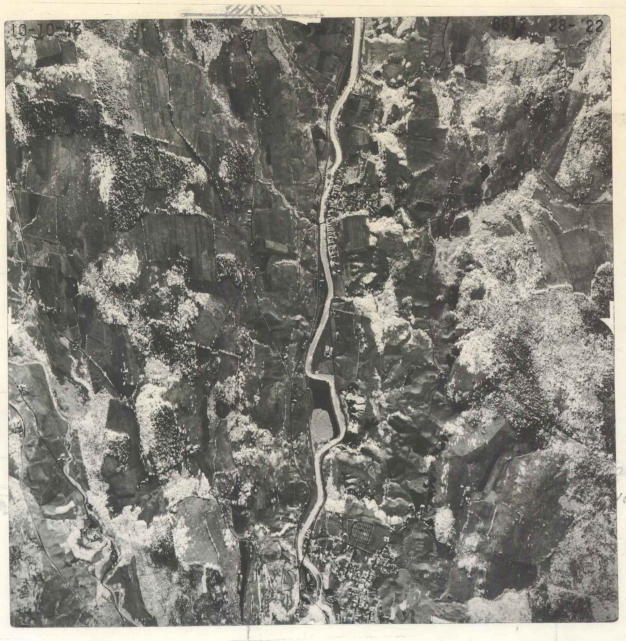
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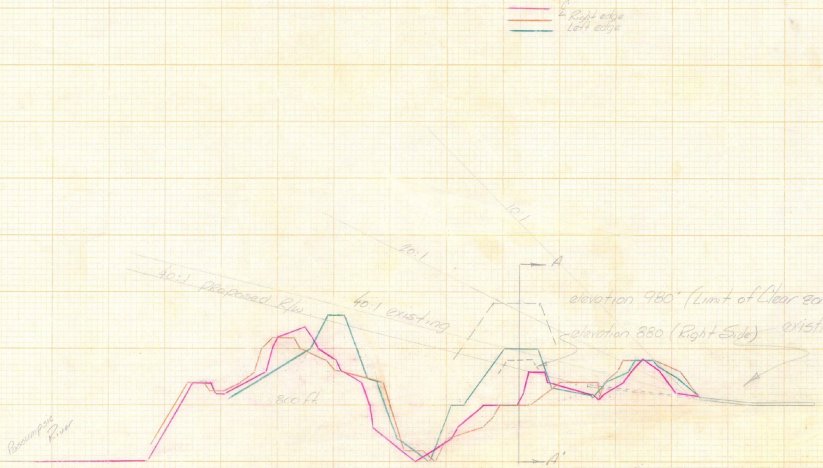
KEUFFEL & ESSER CO.
MADE IN U.S.A.

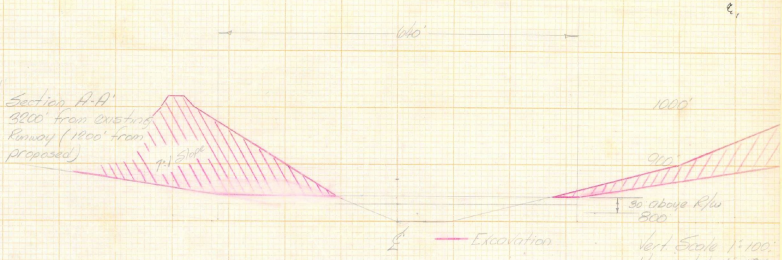
KE STANDARD ® CROSS SECTION


ST. JOHNSBURY MUNICIPAL AIRPORT
CLEAR ZONE STUDY Dec. 1957
Wheelock
Cold Hill
Cold Hill Sch.
Lyndon Center
Vale Hill
Lyndonville
(B.M. 714)
Lyndonville
Graves Hill
Shonya Hill
East Lyndon
Cold Hill Br.
Branch
Ministon Hill
Lyndon
Prospect Hill
Diamond Hill
Toor Hill
Red Village
Sch.
Shadow
Spark Point
ST. JOHNSBURY
LYNDON
Nichols Point
ST. JOHNSBURY AIRPORT
Coles Corner
St. Johnsbury Country Club
Houghton Bridge
Stark Sch.
Goss Hollow Sch.
Bible Hill
Mt Pisgah
Roberts Brook
St. Johnsbury Center
1 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET

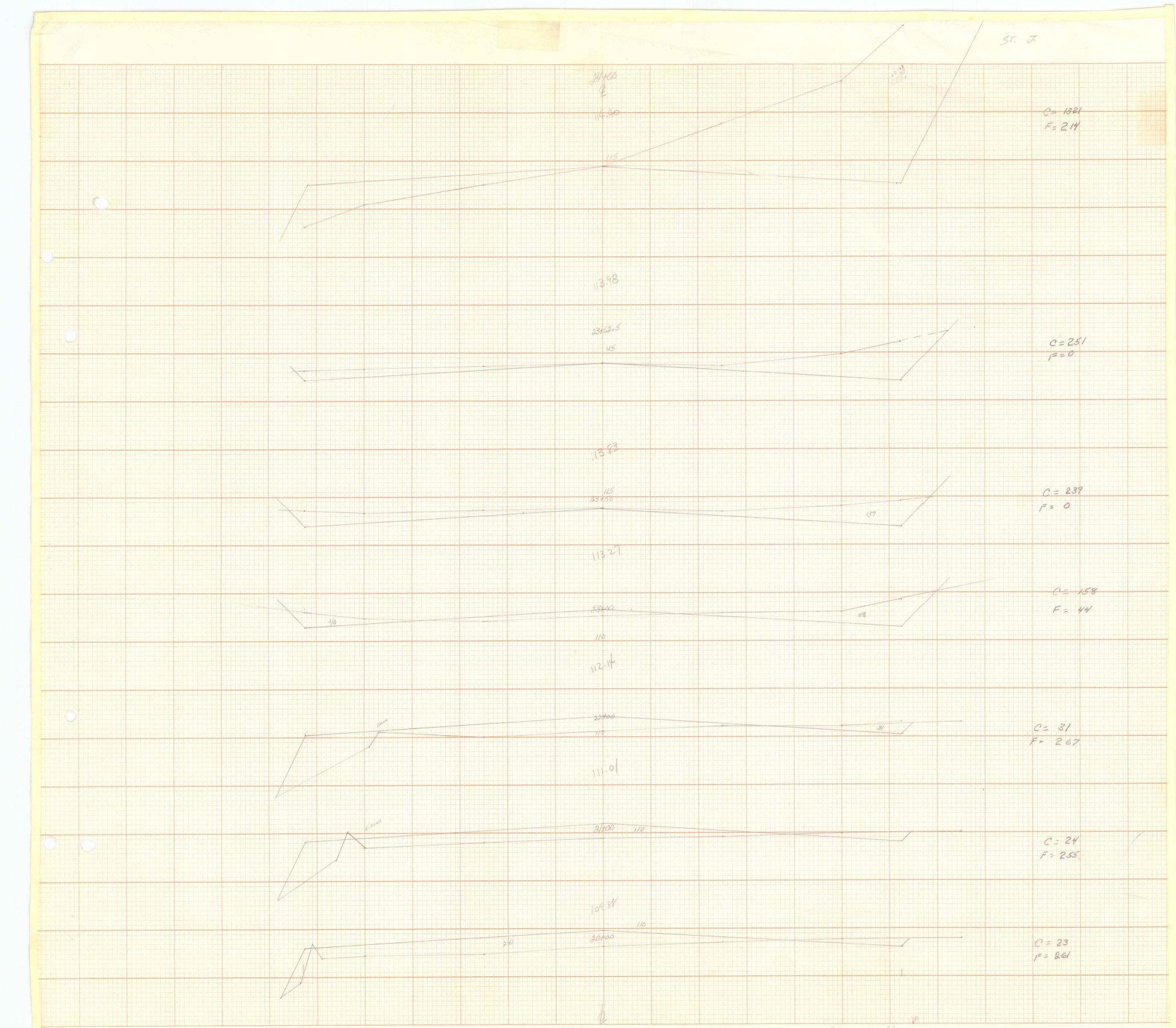

VT-62-L 7-10







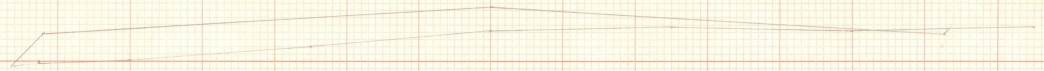
Horz Scale 1"=1000'
Vert Scale 1"=100'



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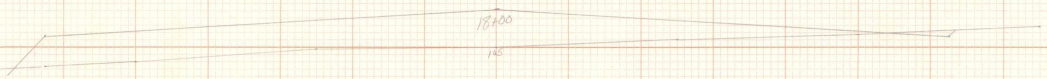
St. J.

108.75
19+00
L
116



C=4
F=325

107.61
18+00
110



C=4
F=409

106.48
17+00
105



C=19
F=324

105.35
16+00
105



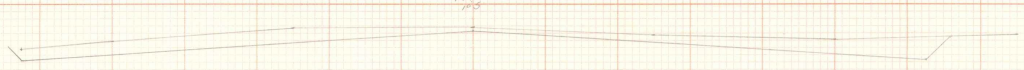
C=30
F=93

104.22
15+00
105



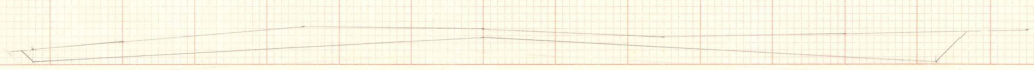
C=68
F=9

103.09
14+00
105



C=197
F=0

101.94
13+00
105



C=282
F=0

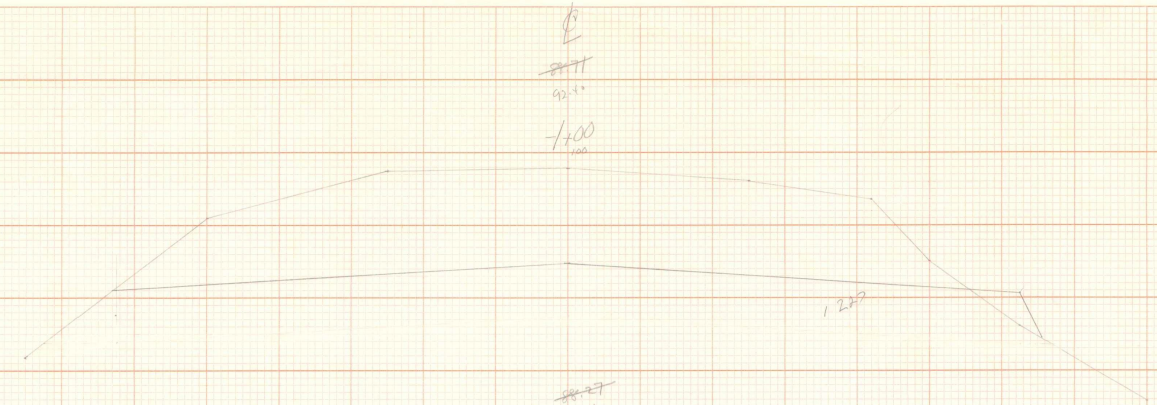
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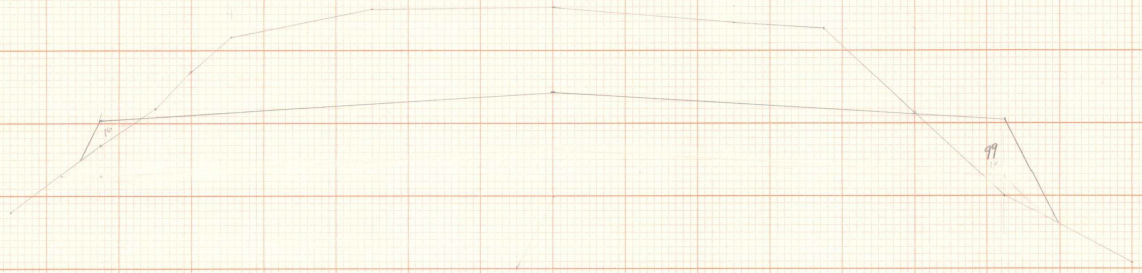
1" VERT = 5'
1" HORZ = 20'

"PERFECT" CROSS SECTION
10 X 10 = ONE INCH
EUGENE DIETZGEN CO.

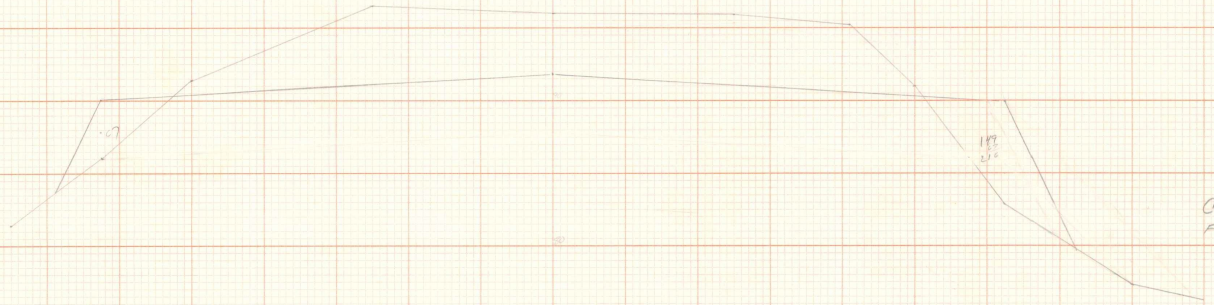
E



C = 1222
F = 22



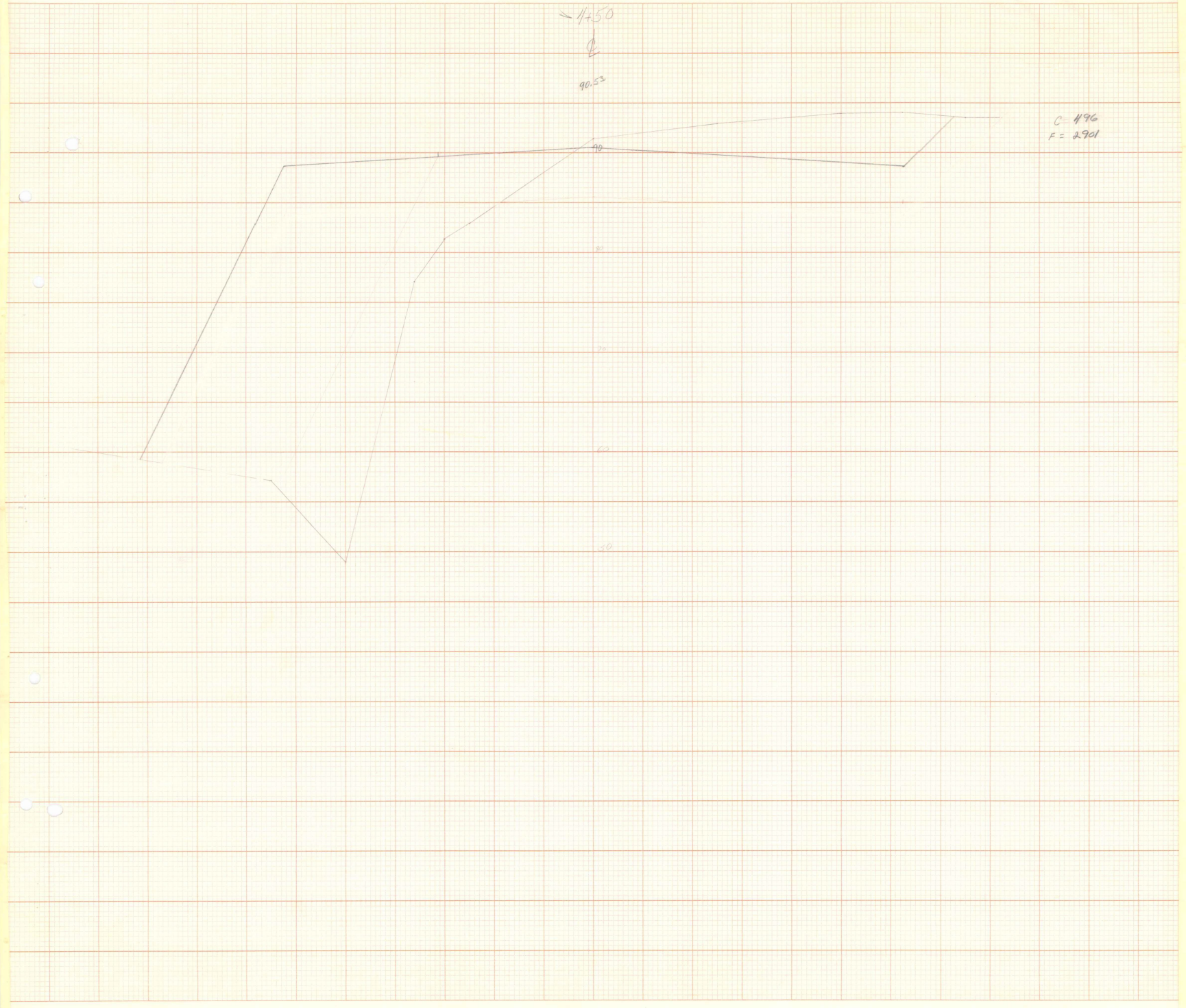
C = 1094
F = 115



C = 778
F = 216

"PERFECT" cross section
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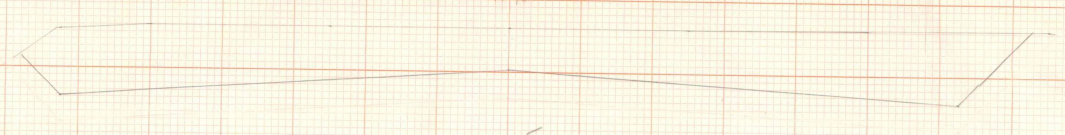
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Sr. J

93.13
95.07

℄

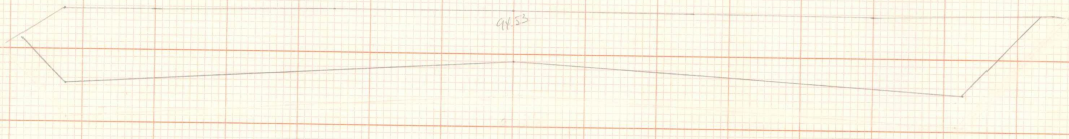
11+00
100



C = 1041
F = 0

92.25

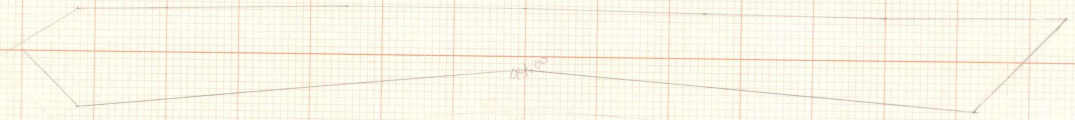
37+00
100



94.53

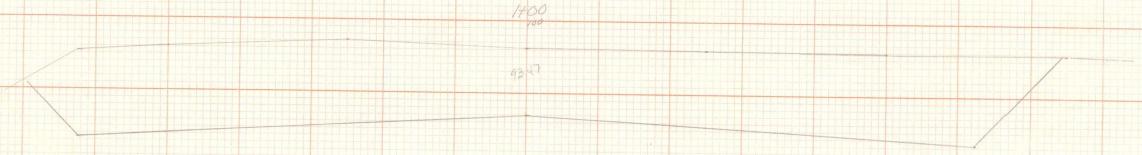
C = 1205
F = 0

24+00
100



C = 1490
F = 0

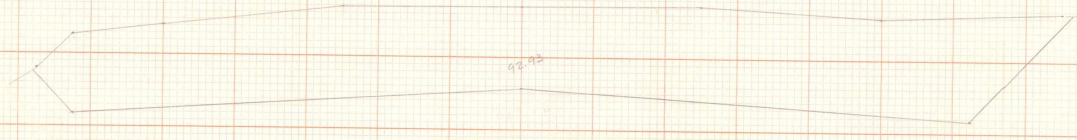
18+00
100



92.47

C = 1505

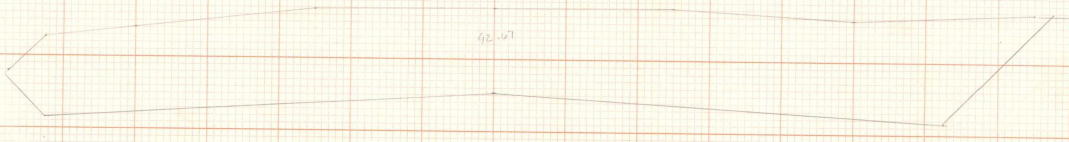
07+00
100



92.93

C = 1688

-01+50
100



92.47

C = 1720

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1" VERT = 5'
1" HORZ = 20'

E

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100 84

ST. J.

12+00

100

C = 277
F = 0

94.71

11+00

100

C = 266
F = 0

98.57

10+00

100

C = 332
F = 0

97.73

100

9+00

C = 272 ok

97.20

100

8+00

C = 477
F = 0

96.47

7+00

100

C = 679 ok
F =

96.13

6+00

100

C = 825
F = 0

95.60

5+00

100

C = 934
F = 0

1" VERT = 5'
1" HOR = 20'

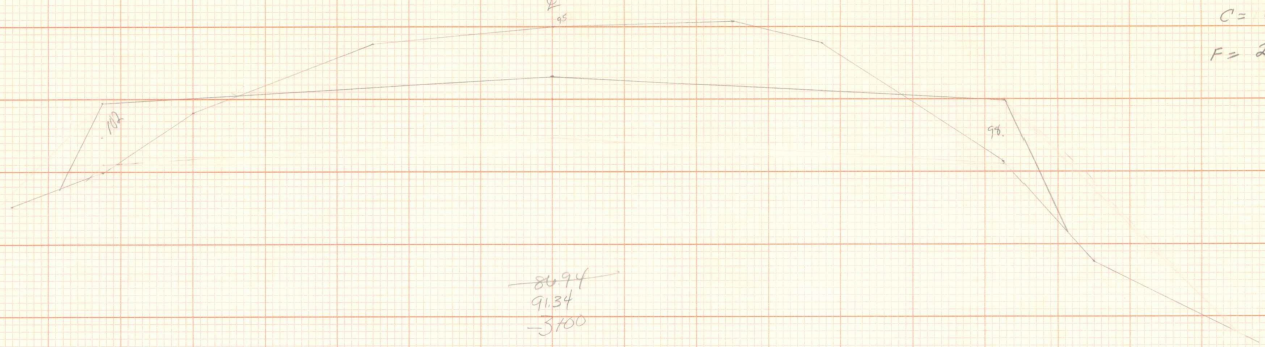
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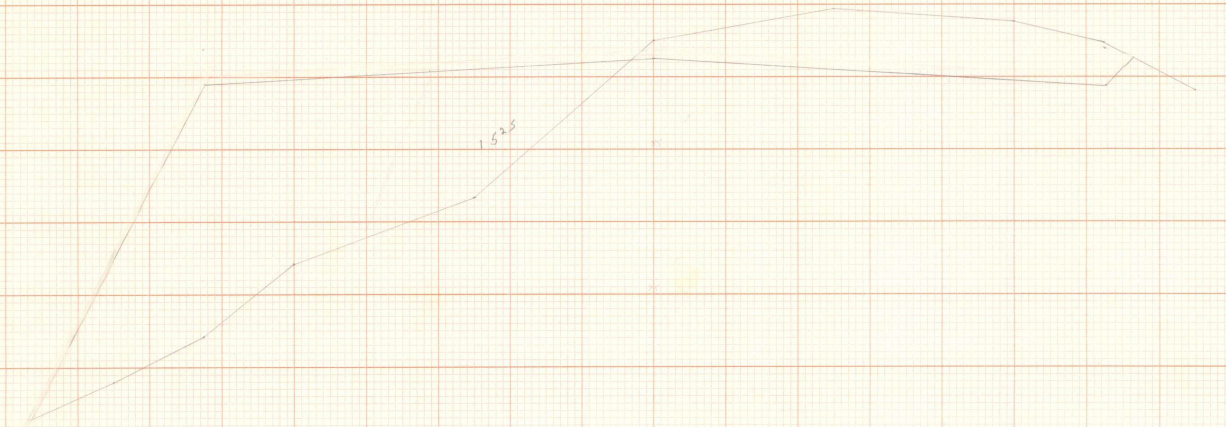
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91.60
87.88
-2+50

ST. J



~~86.94~~
91.34
-3700



W

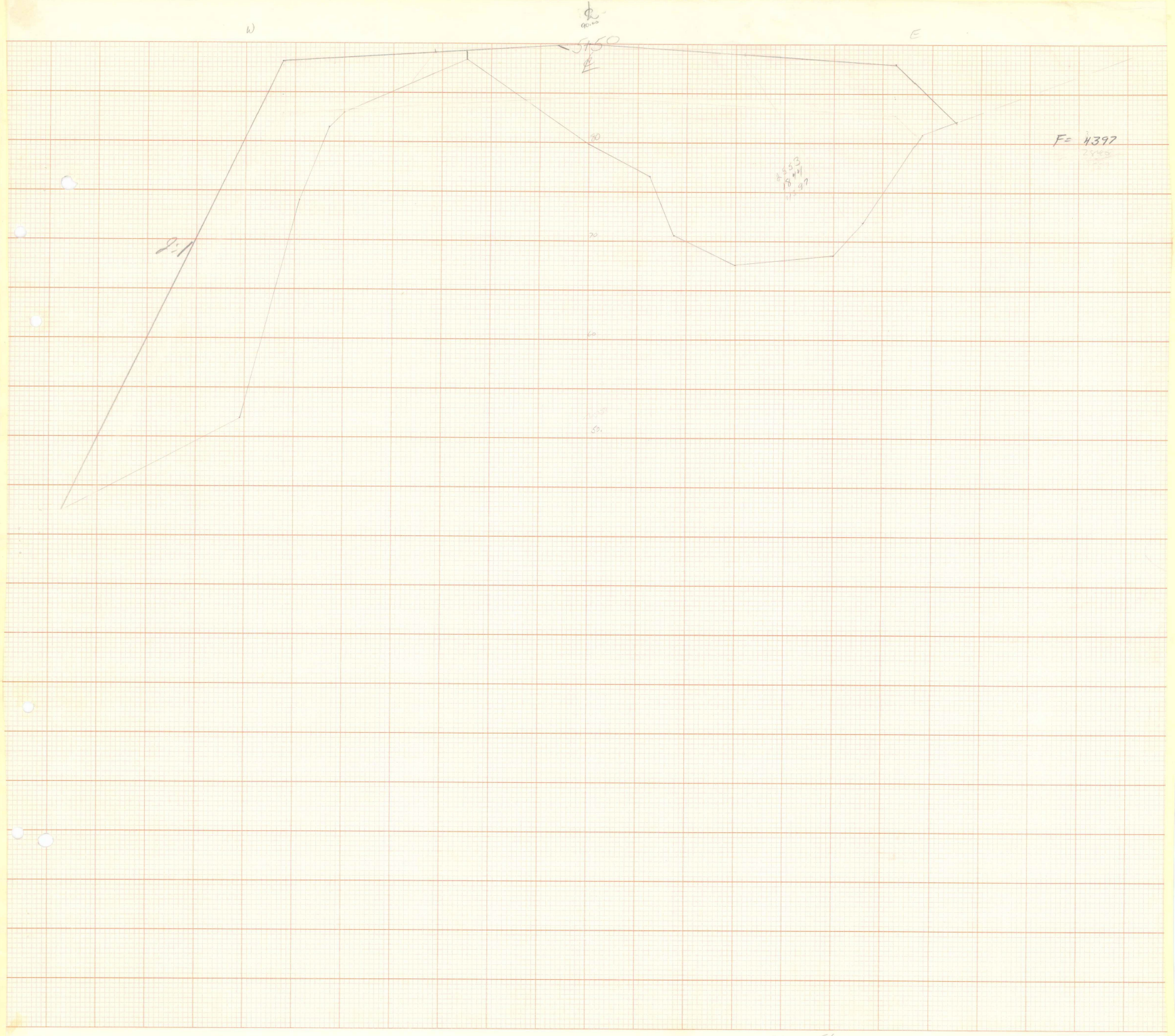
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EUGENE DIETZGEN CO.

1" VERT = 5'
1" HOR = 20'

E

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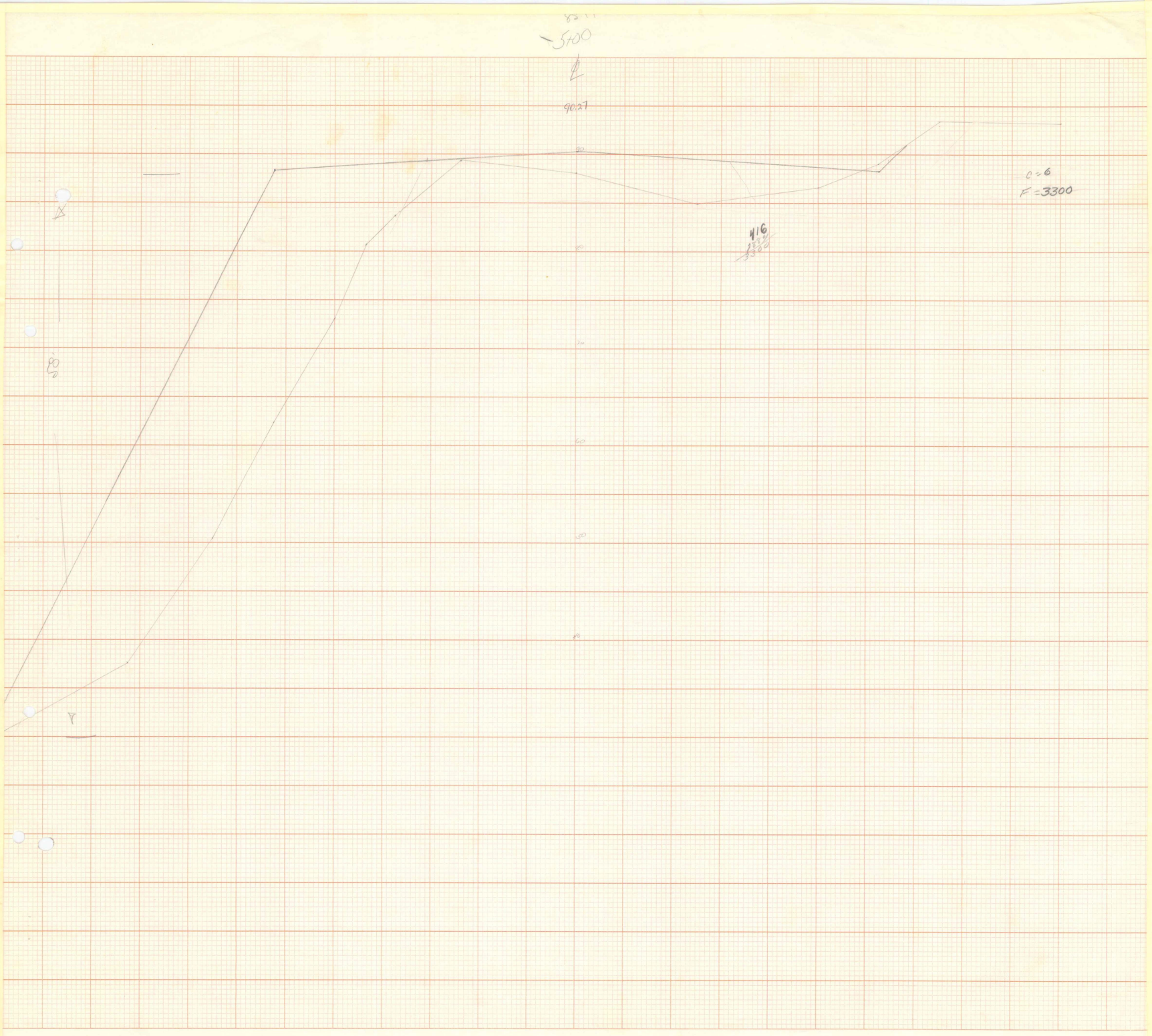


"PERFECT" CROSS SECTION
10 X 10 = ONE INCH
EUGENE DIETZGEN CO.

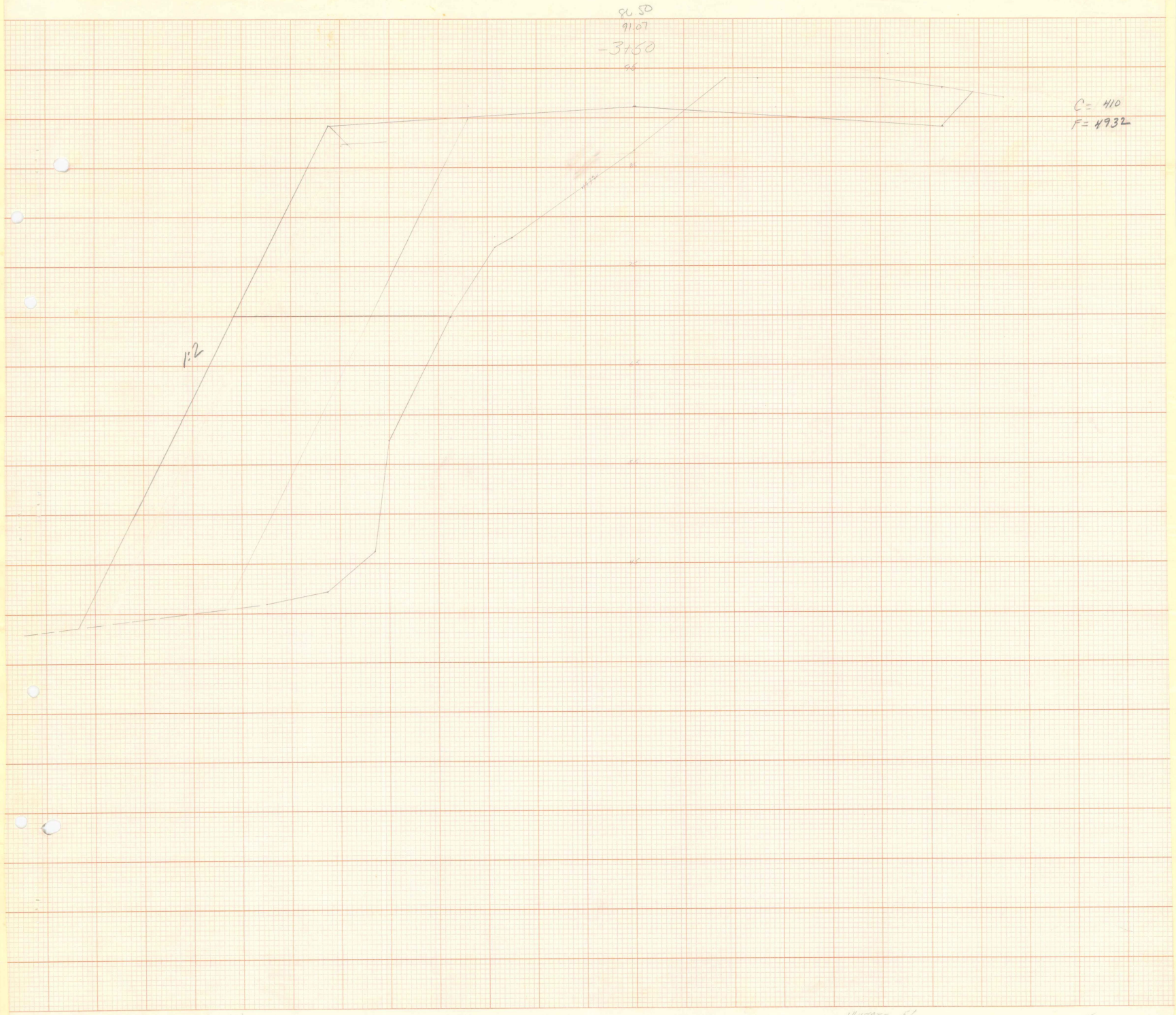
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1" VERT. = 5'
1" HORZ. = 20'

"PERFECT" CROSS SECTION
10 X 10 = ONE INCH
EUGENE DIETZGEN CO.


-5400
90:27
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Q=6
F=3300
416
30
40
50
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70
80
90
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1" VERT = 5'
1" HORIZ = 50'

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