

LACARPE CREEK AND CUT-OFF

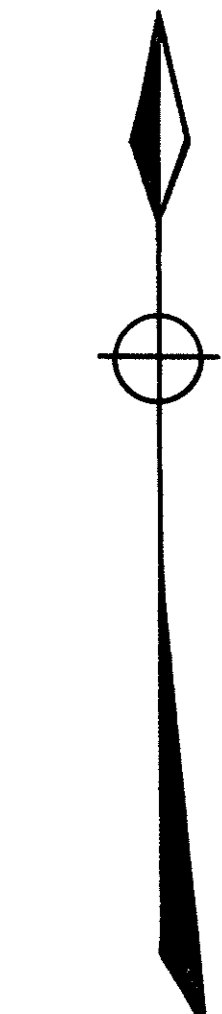
SALEM TOWNSHIP

OTTAWA COUNTY

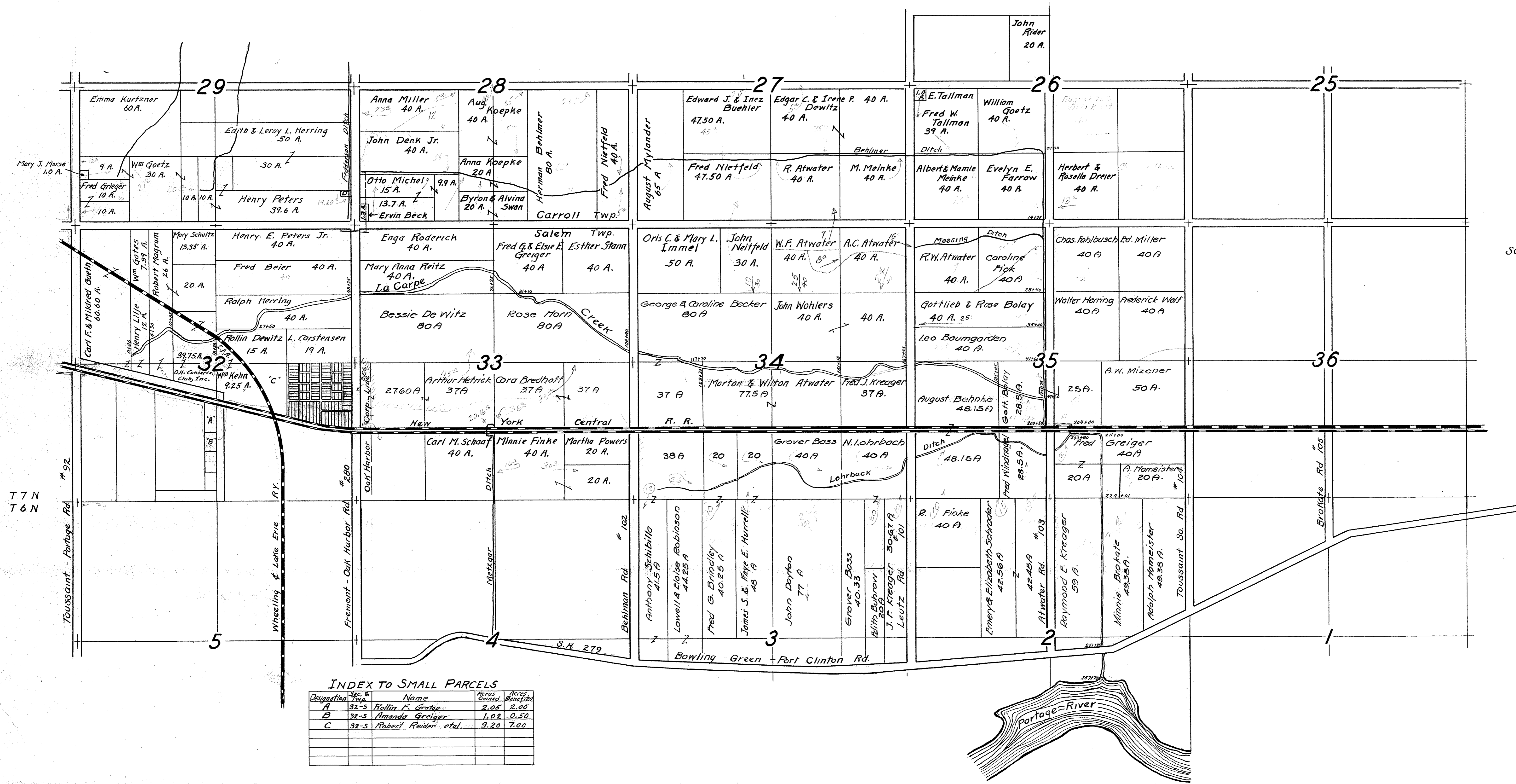
R. MAGRUM

PETITION

1948



Scale 1" = 880'



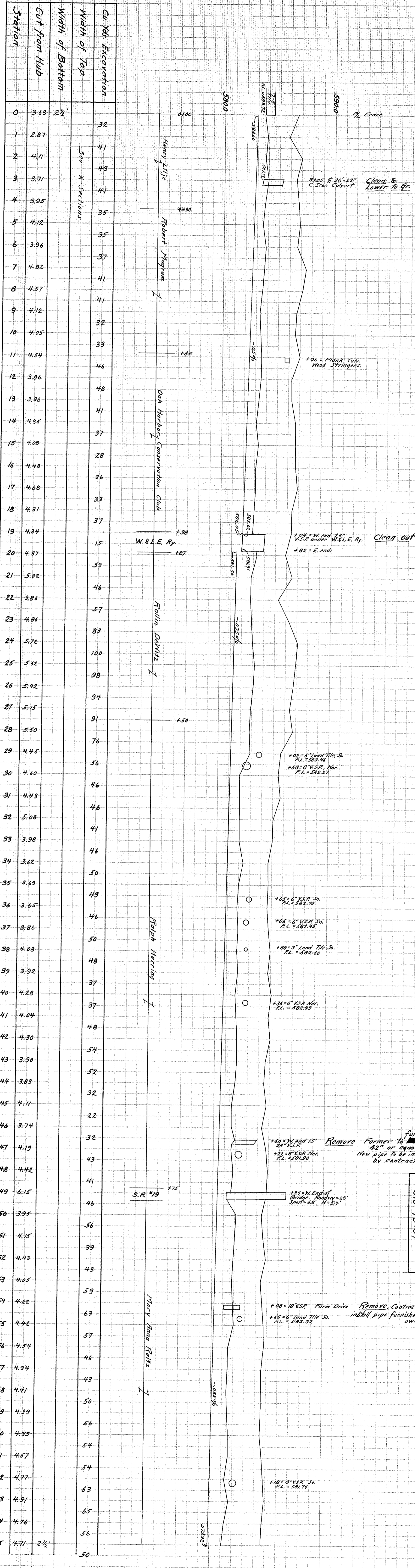
INDEX TO SMALL PARCELS

Designation	Sec. & Twp.	Name	Acres Owned	Acres Benefited
A	32-5	Pollin F. Greiger	2.05	2.00
B	32-5	Amanda Greiger	1.02	0.50
C	32-5	Robert Reider et al.	9.20	7.00

LA CARPE & CUT-OFF
SALEM TWP.
1948

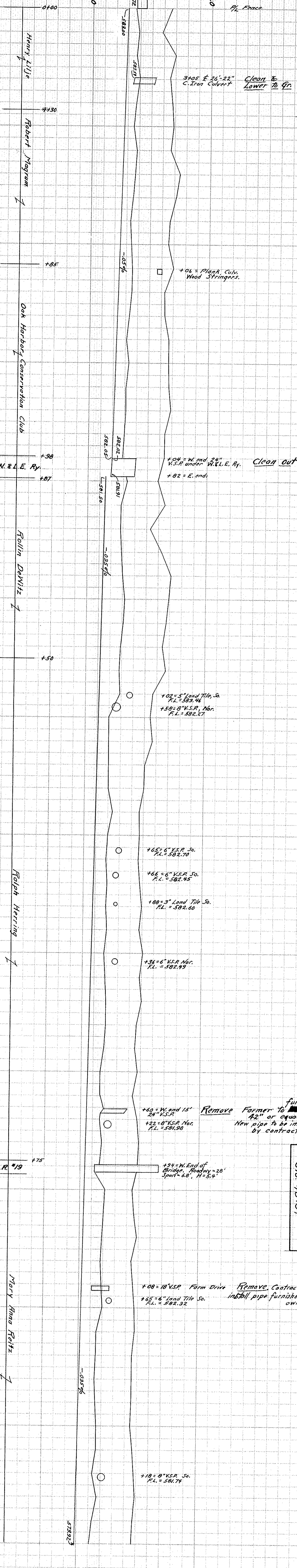
B.M. Elev. 589.99
R.R. Spike 49 E.
Center of Barn.
Sta. 1+30

B.M. Elev. 589.07
"X" 50' End West Coping
Sta. 48+54

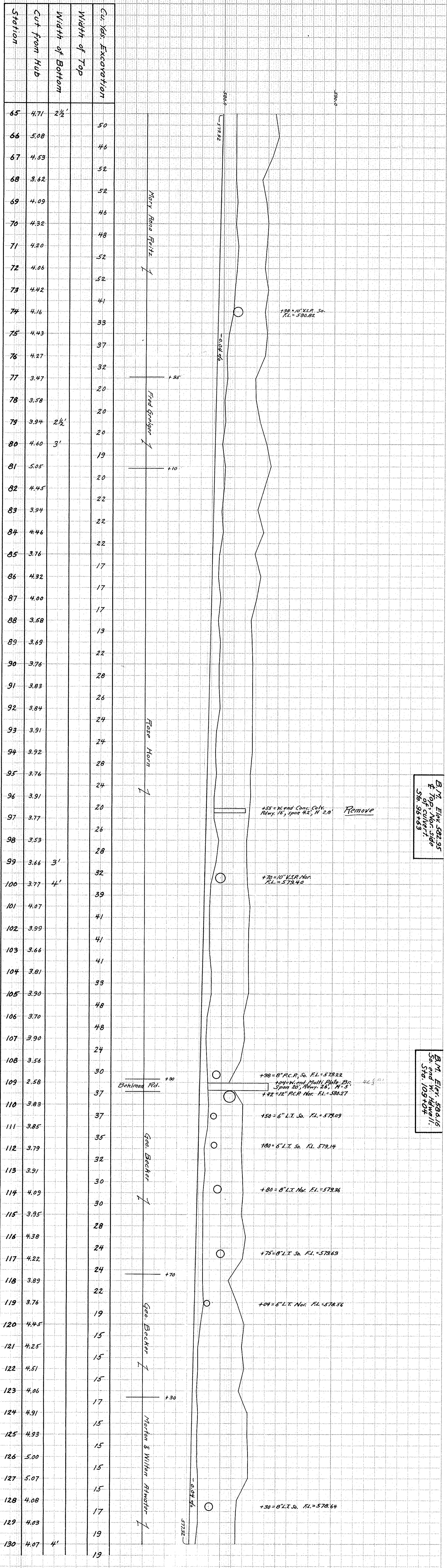


"Shedde" PROFILE PLAN
PLATE A
P. H. EIGHT CO.

"Shedde" PROFILE PLAN
PLATE A
P. H. EIGHT CO.



LA CARPE & CUT-OFF
SALEM TWP. 1948



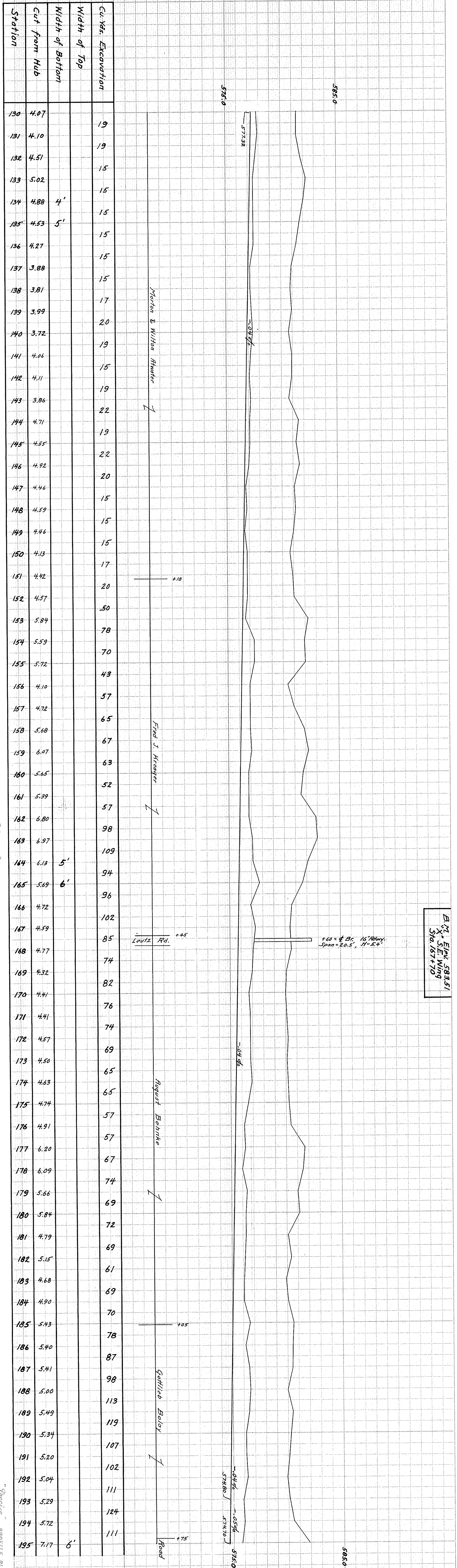
B.M. Elev. 522.95
+70' Nor. side
Sta. 96+45.7

B.M. Elev. 528.15
So. end W. Howell
Sta. 109+04

Shedd's PROFILE PLAN
PLATE A
B. K. SHEDD CO.
MADE IN U.S.A.

Shedd's PROFILE PLAN
PLATE A
B. K. SHEDD CO.
MADE IN U.S.A.

LA CARPE & CUT-OFF
SALEM TWP. 1948



2 1/2" Elev. 583.51
3 1/2" Elev. 581.70

+60 = 1/2" Dr. 16" R/Wy.
Span = 20.3', 11° 54'

Louiz Rd. +4.5

50+

7.5

"Shoelie" PROFILE PLAN

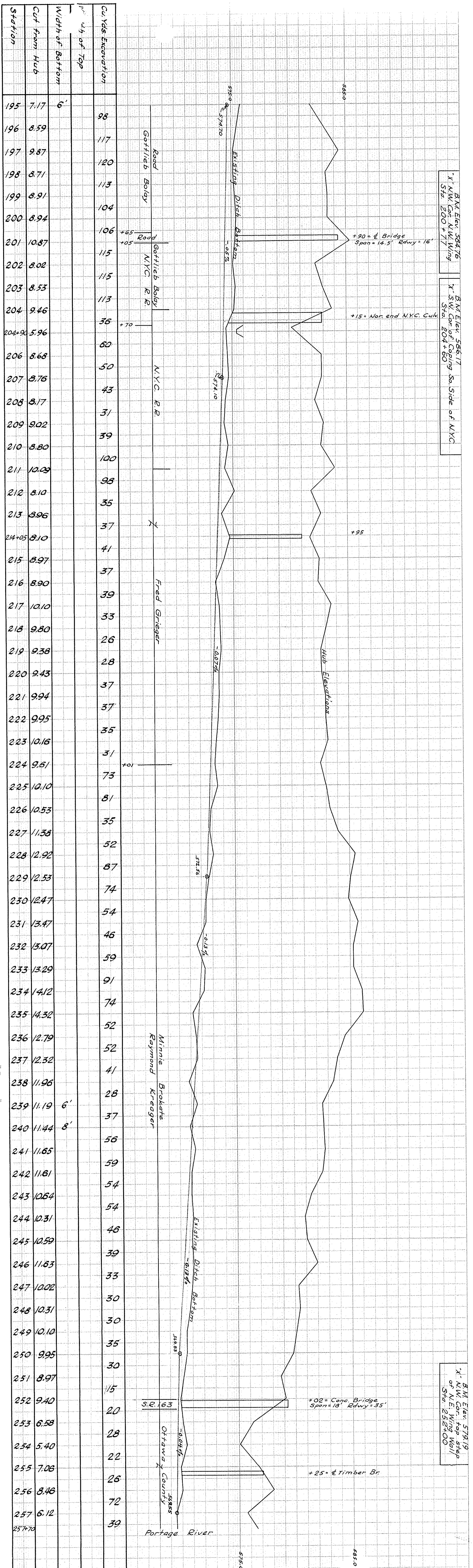
"Shoelie" PROFILE PLAN

"Shoelie" PROFILE PLAN

PLATE A
H. K. ELLIOTT CO.
MADE IN U.S.A.

PLATE A
H. K. ELLIOTT CO.
MADE IN U.S.A.

PLATE A
H. K. ELLIOTT CO.
MADE IN U.S.A.



B.M. Elev. 584.76
X. N.W. Corner of
Sta. 200 + 17.1

B.M. Elev. 586.17
X. S.W. Corner of
Sta. 204 + 60

B.M. Elev. 579.19
X. N.E. Corner of
Sta. 252 + 00

"Shoelace" PROFILE PLAN
PLATE A
B. R. ELLIOTT CO.
MADE IN U.S.A.

"Shoelace" PROFILE PLAN
PLATE A
B. R. ELLIOTT CO.
MADE IN U.S.A.

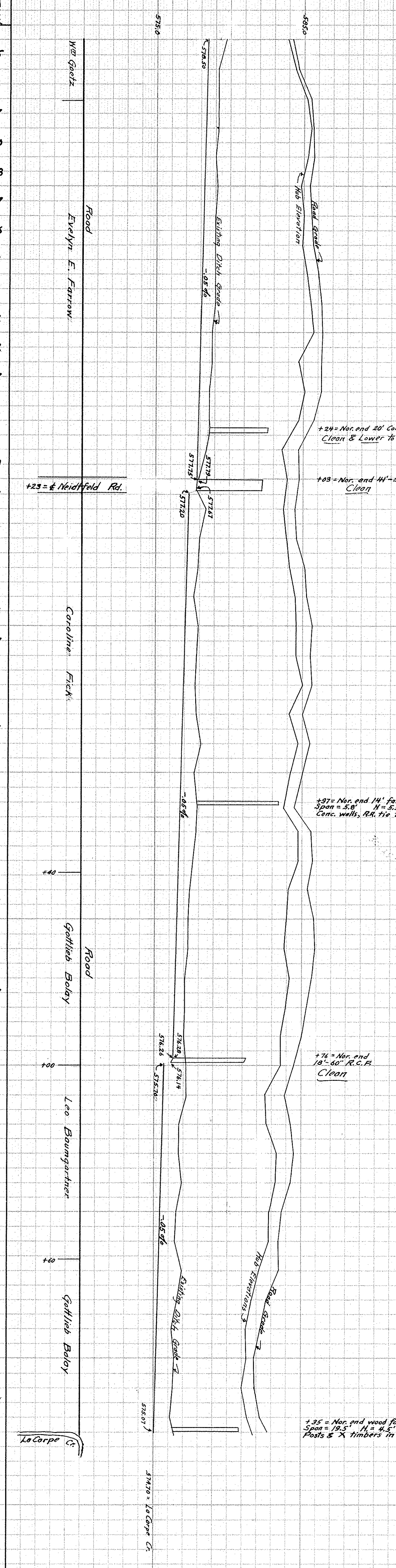
ATWATER RD. BRANCH
LA CARPE & CUT-OFF 1948

B.M. ELEV. 589.57
M. 594.00
594.00
594.00

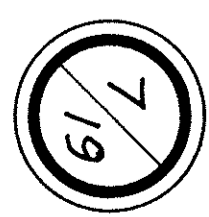
B.M. ELEV. 584.75
M. 584.00
584.00
584.00

STATION	CUT FROM HUB	WIDTH OF BOTTOM	WIDTH OF TOP	CU. YDS. EXCAVATION
0	5.43	4'	65	
1	5.98		76	
2	6.81		67	
3	7.14		70	
4	7.01		78	
5	6.56		67	
6	6.80		56	
7	6.74		56	
8	7.13		19	
9	7.42		52	
10	7.71		52	
11	6.76		67	
12	7.19		69	
13	6.84		74	
14	5.78		59	
15	6.21		57	
16	6.47		72	
17	6.76		72	
18	7.02		74	
19	7.43		76	
20	7.56		67	
21	7.60		74	
22	8.12		93	
23	7.29		87	
24	7.96		91	
25	7.47		83	
26+15	7.04		72	
27	8.08		59	
28	8.19		44	
29	7.55		48	
30	7.48		67	
31	7.37		70	
32	7.80		57	
33	7.59		61	
34	7.30		83	
35	7.88		93	
36	6.92		87	
37	7.07		102	
38	7.83		113	
39	7.75		102	
40	7.98		89	
41	7.41		91	
42	6.80		76	
43	6.33		70	
44	6.00		80	
45	6.11		67	
46	5.83		65	
47	6.24		48	
47+60	6.71	4'		

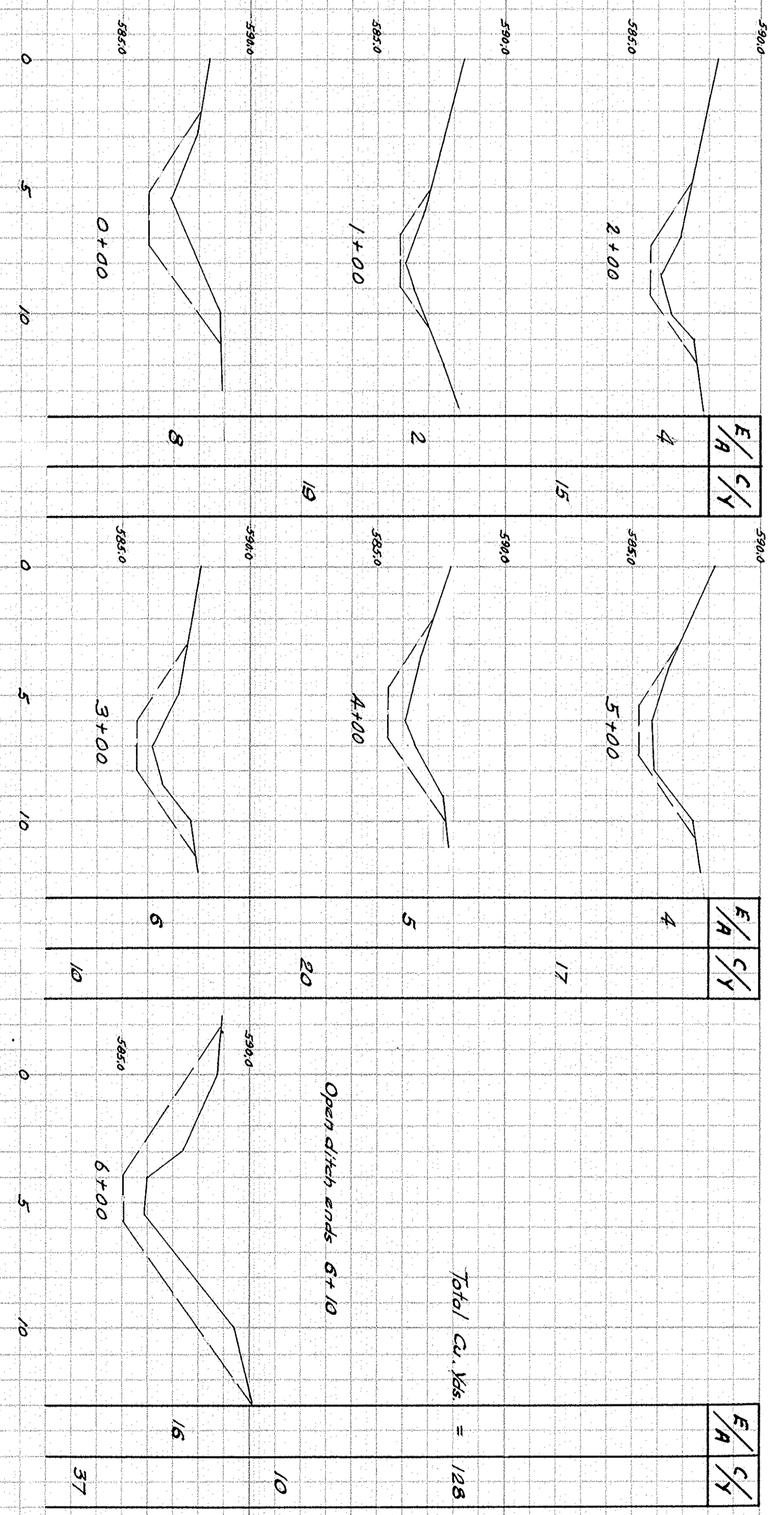
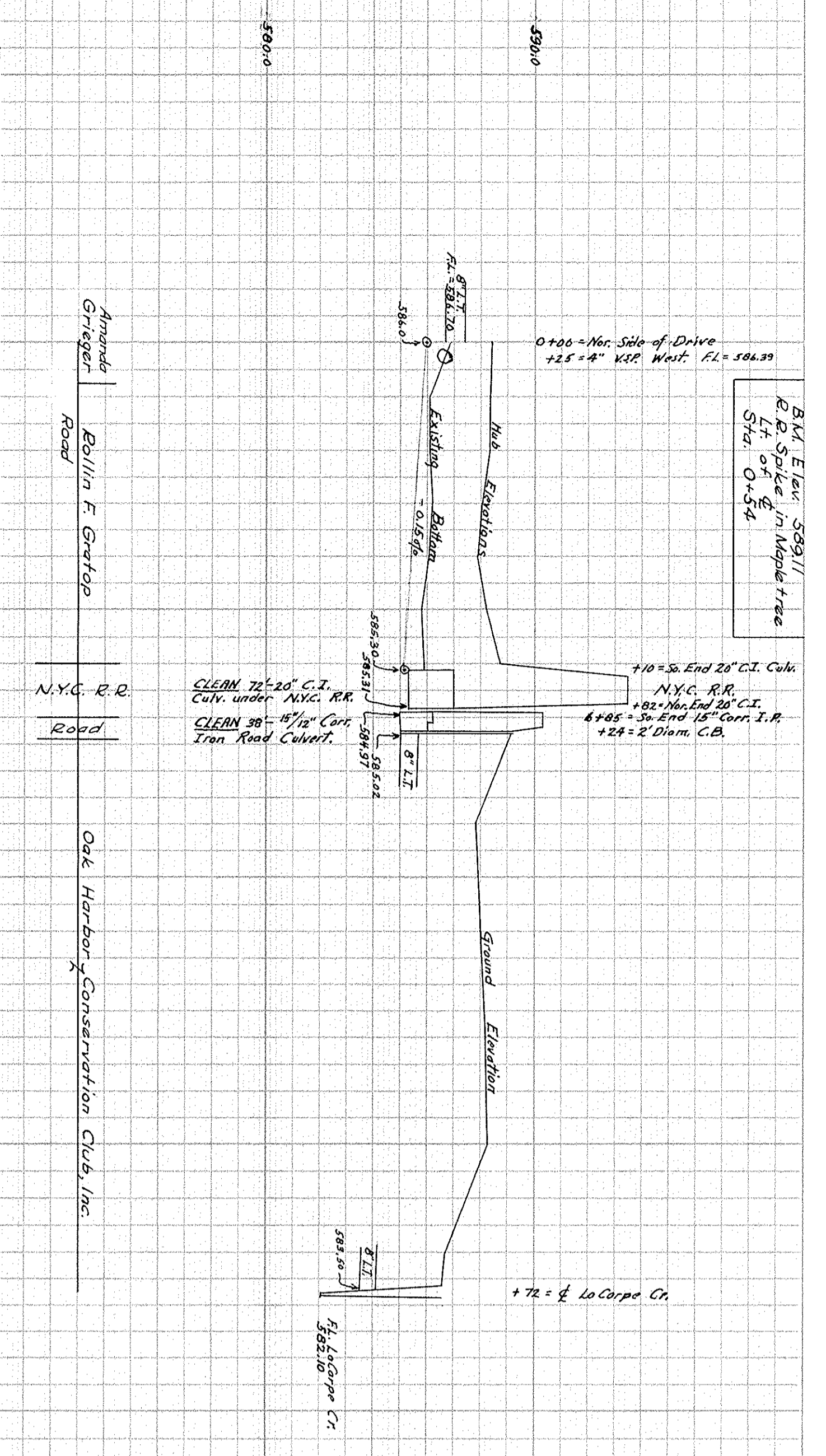
"Shoelace" PROFILE PLAN
PLATE A
B. KELLIGT CO.
MADE IN U.S.A.



L. GRIEGER
BRANCH
1948
LA CARPE CR.



B.M. Elev. 5891.1
E.P. Stake in Maple tree
Sta. 0+54

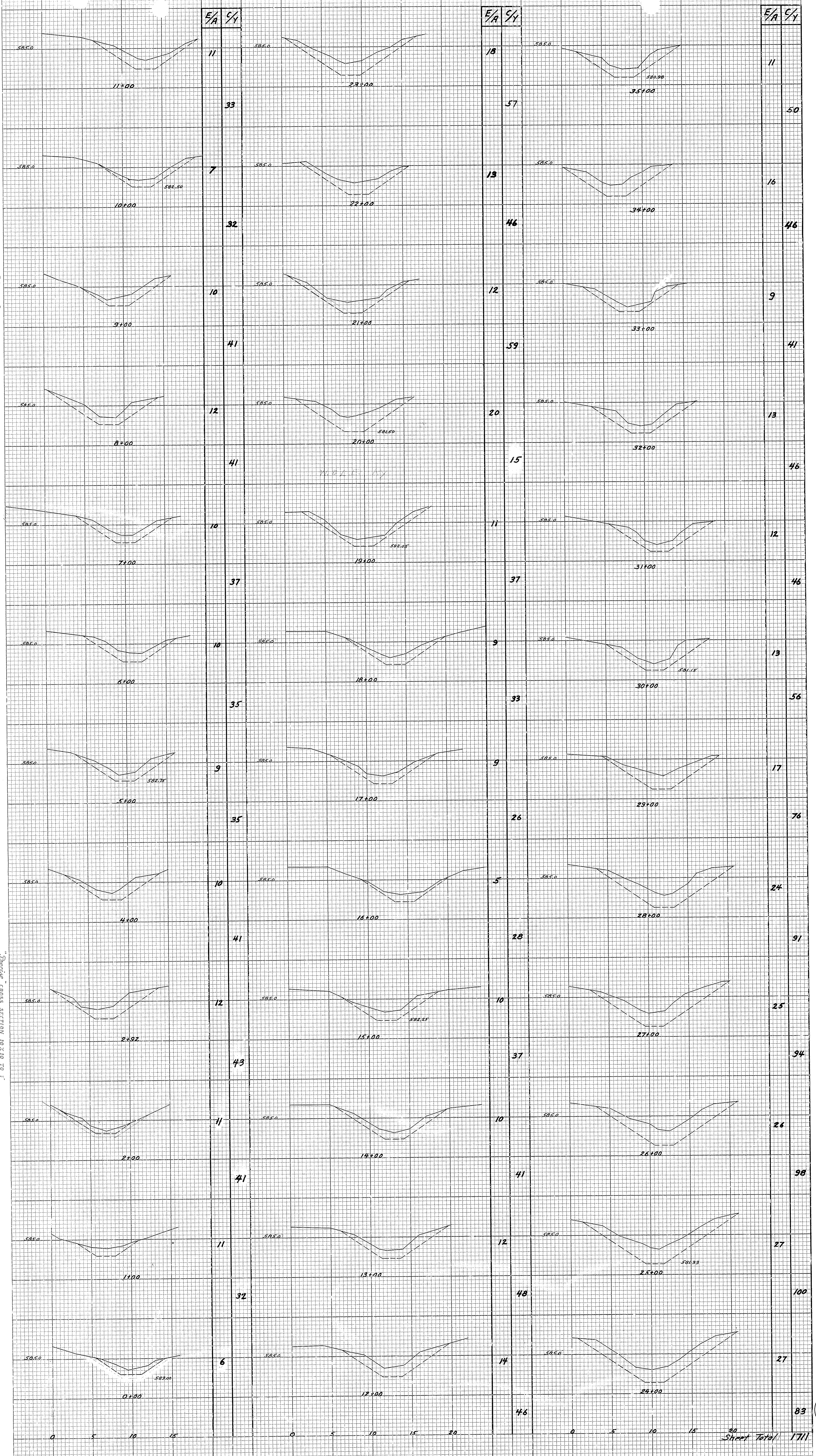


Station	Cut from Hub	Width to Bottom	W. 1 of Top	Cu Yds Excavation
0	2.39	2 1/2"		
1	2.53			
2	2.66			
3	2.54			
4	2.51			
5	2.96			
6	3.68	2 1/2"		
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

"Machine" PROFILE PLAN
PLATE A
B. KELIOTT CO.
MADE IN U.S.A.

"Metric" CROSS SECTION 10 X 10 TO 1" SCALE
 J. K. ELLIOTT CO.
 MADE IN U.S.A.

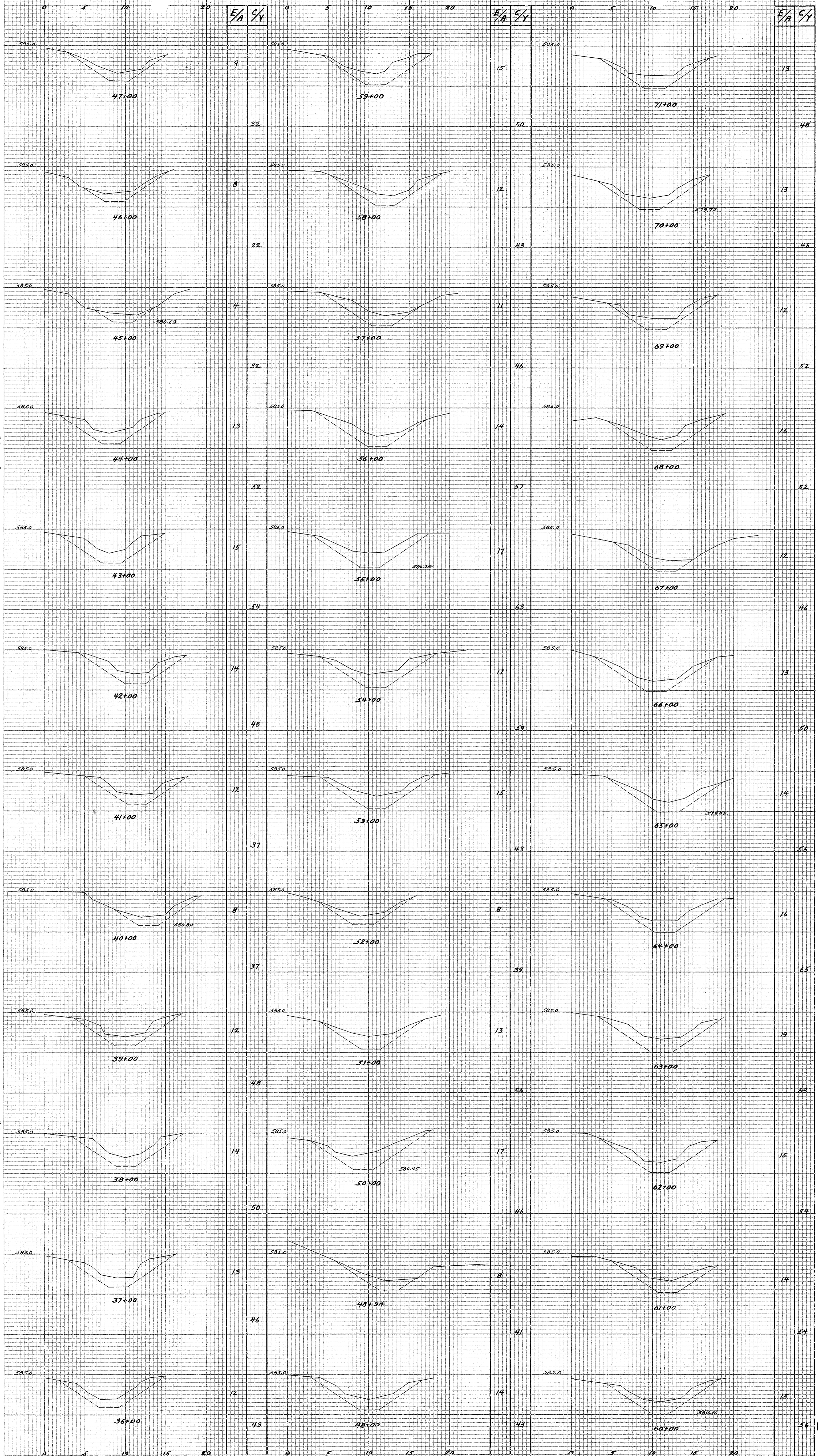
"Metric" CROSS SECTION 10 X 10 TO 1" SCALE
 J. K. ELLIOTT CO.
 MADE IN U.S.A.



LA CARPE CR. SALEM TWP. 1948

"Check" CROSS SECTION 10 X 10 TO 1" MARK ELEVATION MADE IN U.S.A.

"Check" CROSS SECTION 10 X 10 TO 1" MARK ELEVATION MADE IN U.S.A.

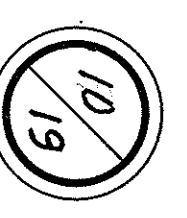
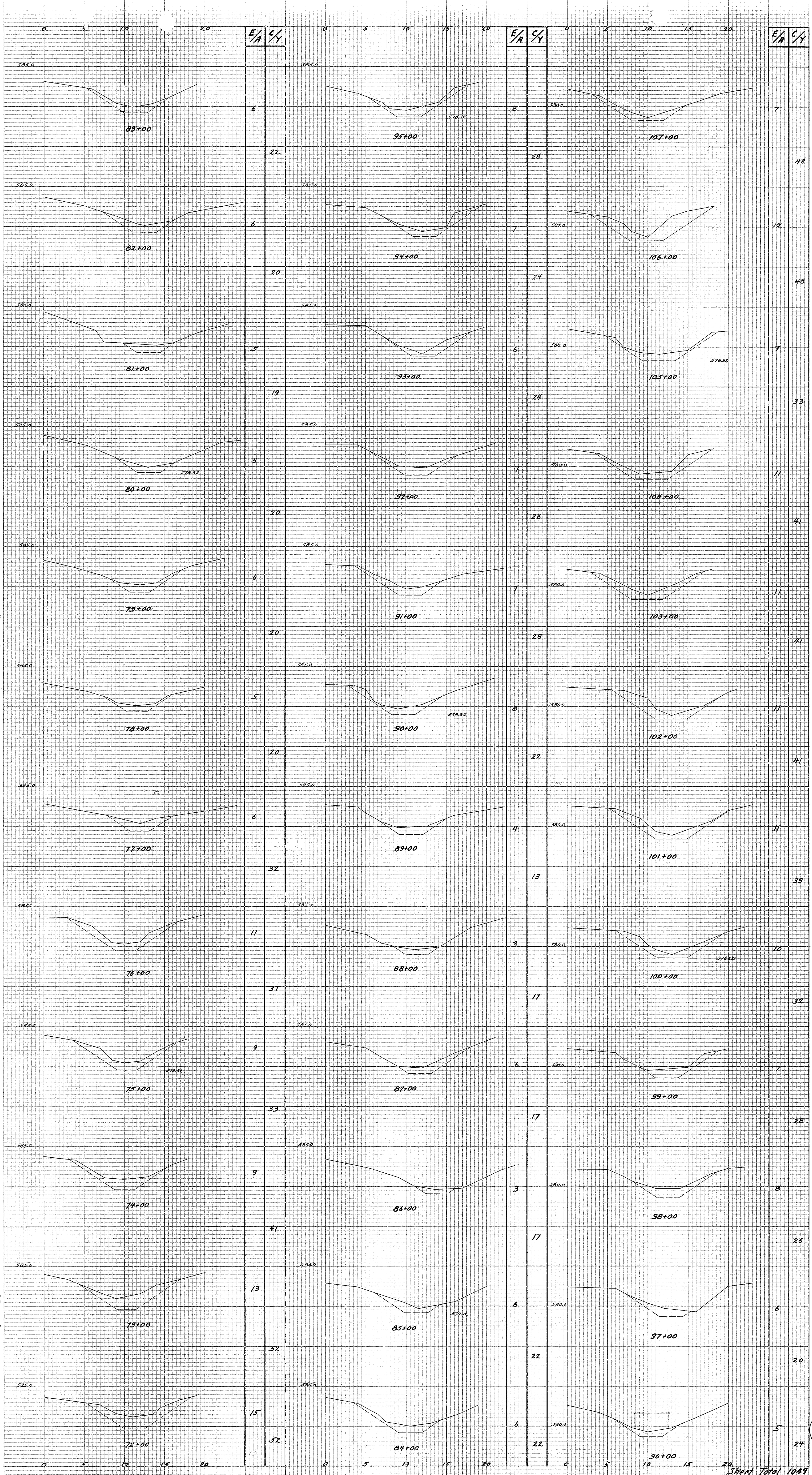


LA CARPE CR. SALEM TWP. 1948

9/19

Sheet Total 1729
Sub Total 3440

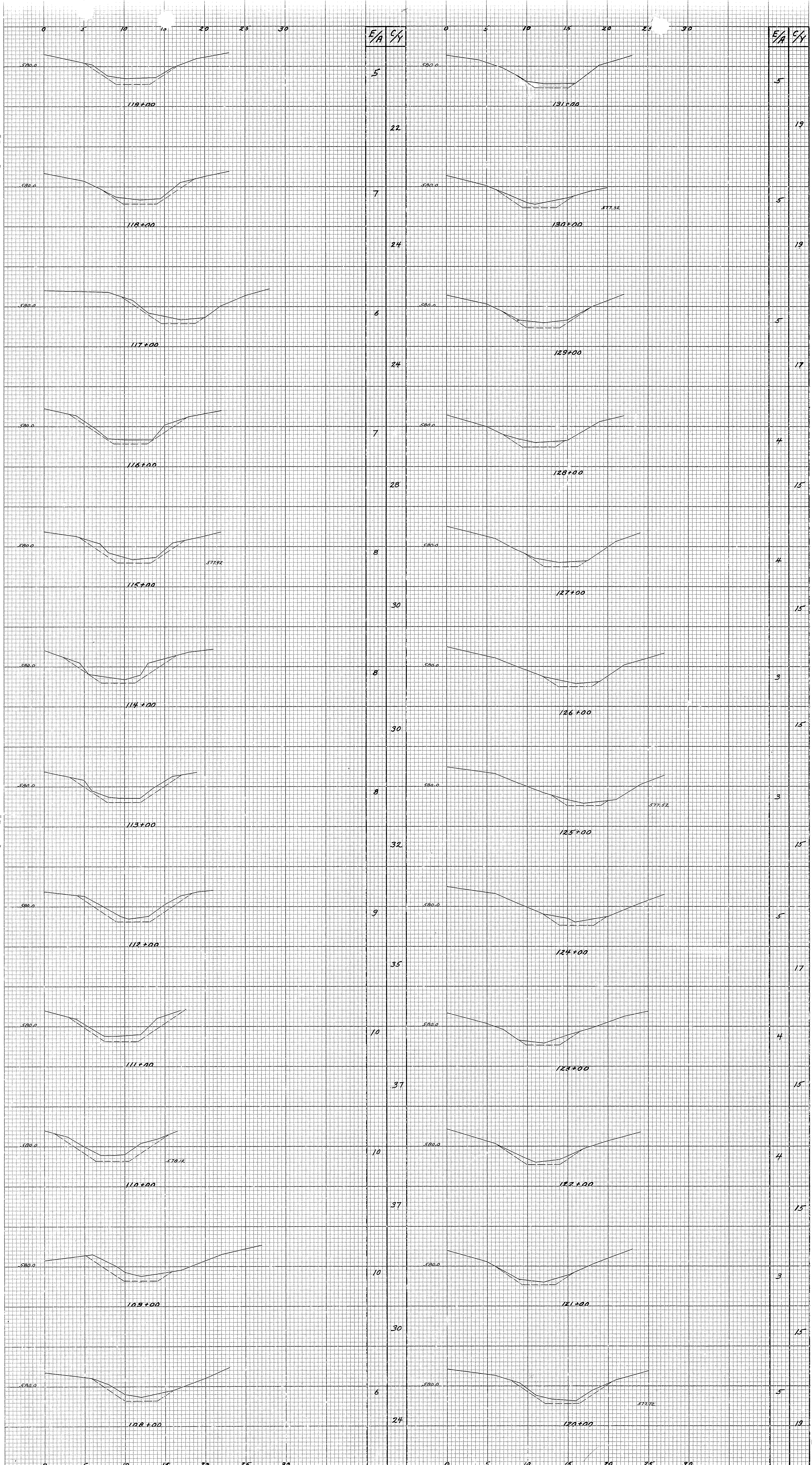
SECTION CROSS SECTION 10 X 10 TO 1' MADE IN U.S.A.
 SECTION CROSS SECTION 10 X 10 TO 1' MADE IN U.S.A.



Sheet Total 1049
 Sub Total 4489

"Check" CROSS SECTION 10X10 TO 1
AS SHOWN TO
ASB IN U.S.A.

"Check" CROSS SECTION 10X10 TO 1
AS SHOWN TO
ASB IN U.S.A.



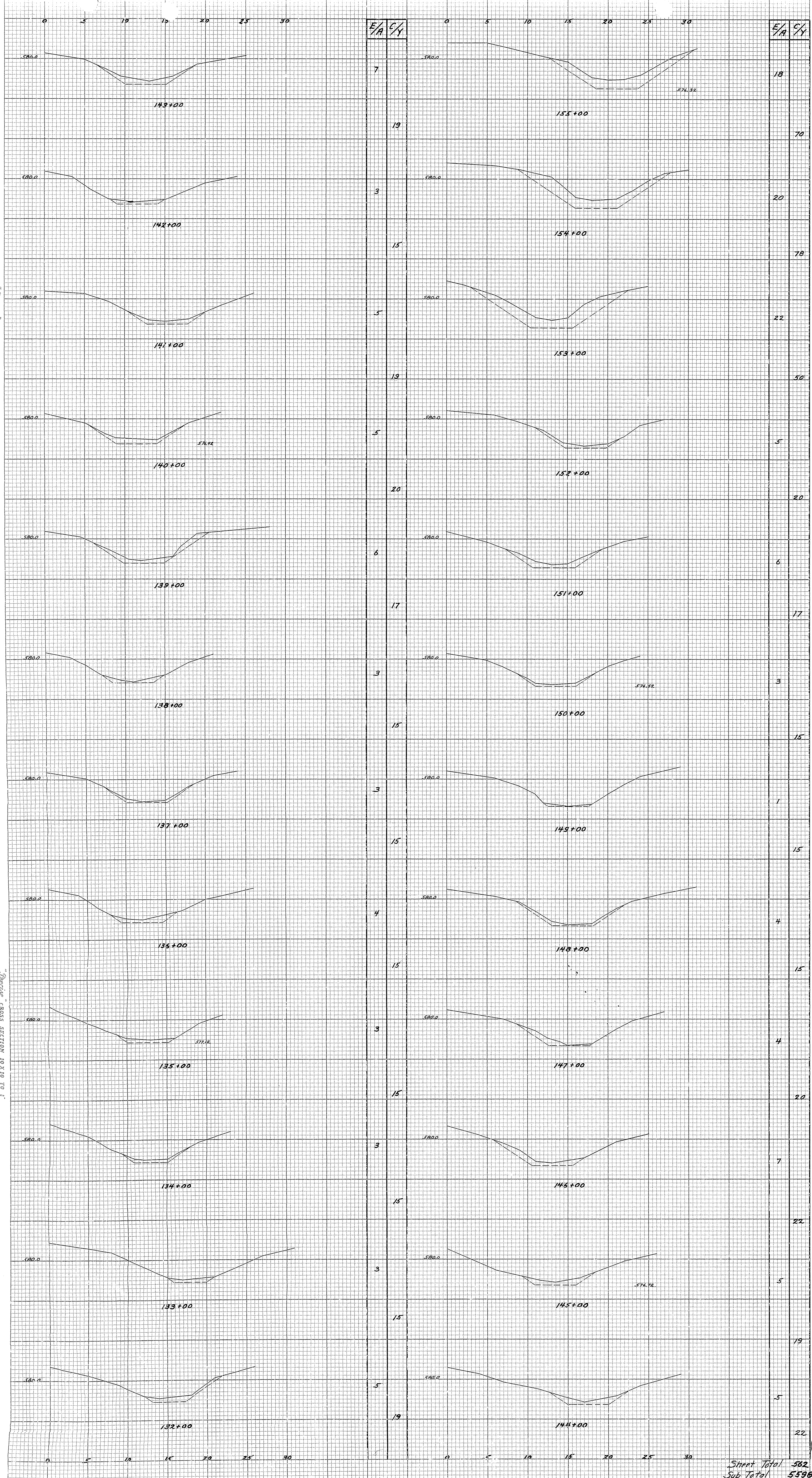
LA CARPE CR. SALEM TWP. 1948



Street Total 547
Sub Total 5036

"Spec'd" CROSS SECTION 10 X 10 TO 1"

"Spec'd" CROSS SECTION 8 X 8 TO 1"



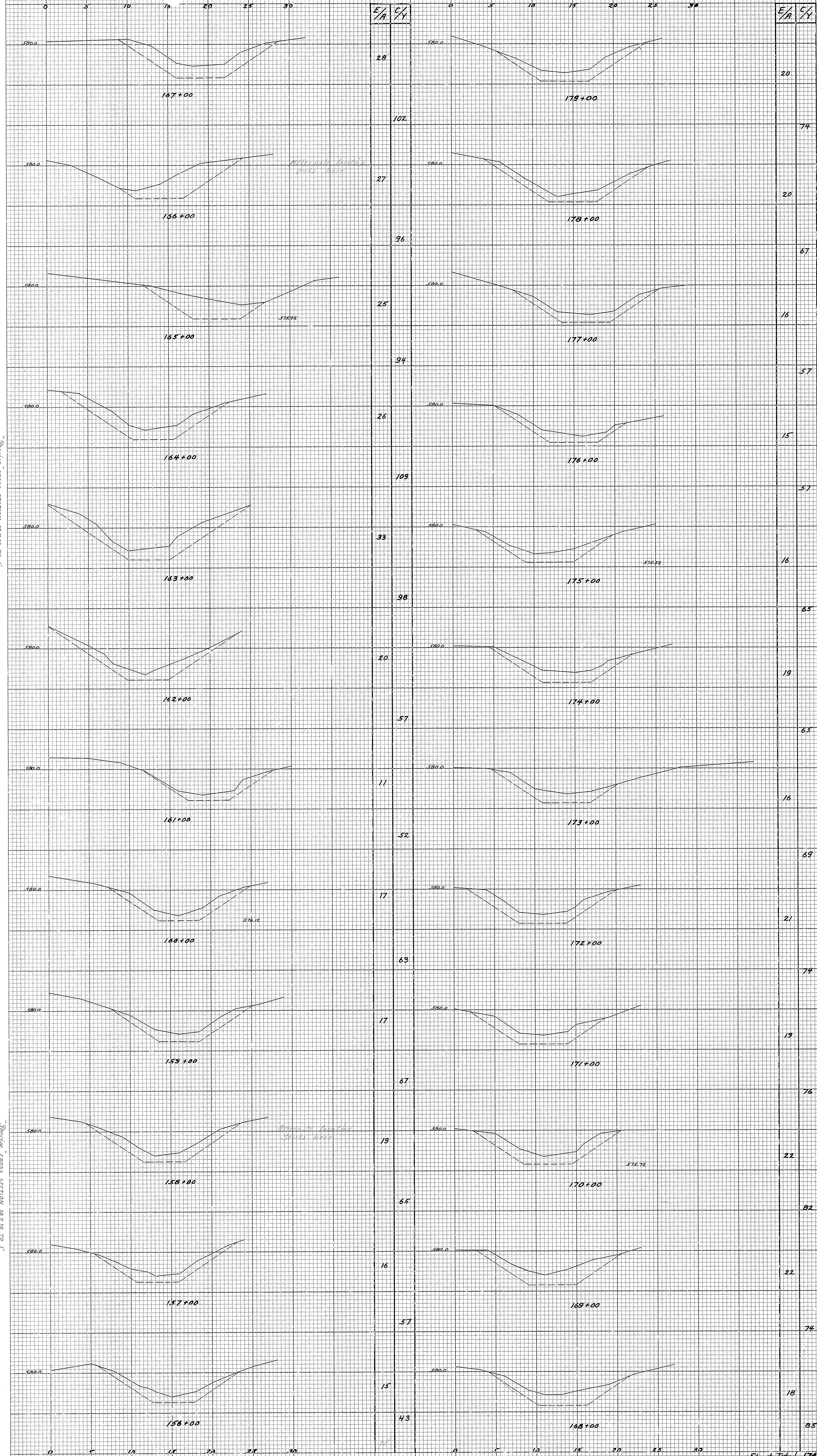
LA CARPE CR. SALEM TWP. 1948

12/19

Sheet Total 562
Sub Total 5598

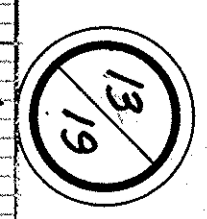
"Specified" CROSS SECTION 10 X 10 TO 1"
 B. K. HILGERT CO.
 MADE IN U.S.A.

"Specified" CROSS SECTION 10 X 10 TO 1"
 B. K. HILGERT CO.
 MADE IN U.S.A.



LA CARPE CR. SALEM TWP. 1948

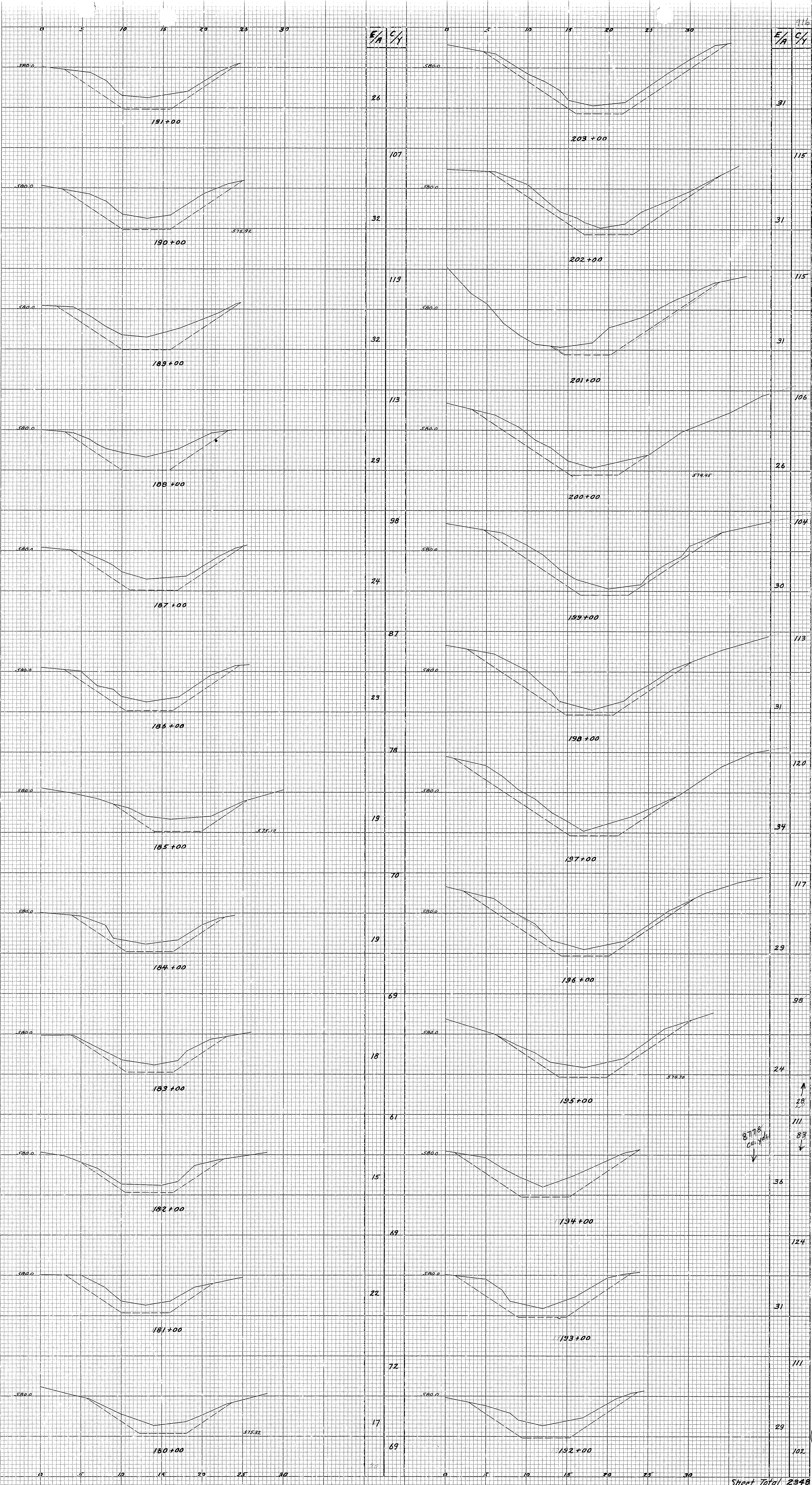
Sheet Total 1748
 Sub Total 7346



FROM 10 X 10 TO 1' SECTION

MADE IN U.S.A.

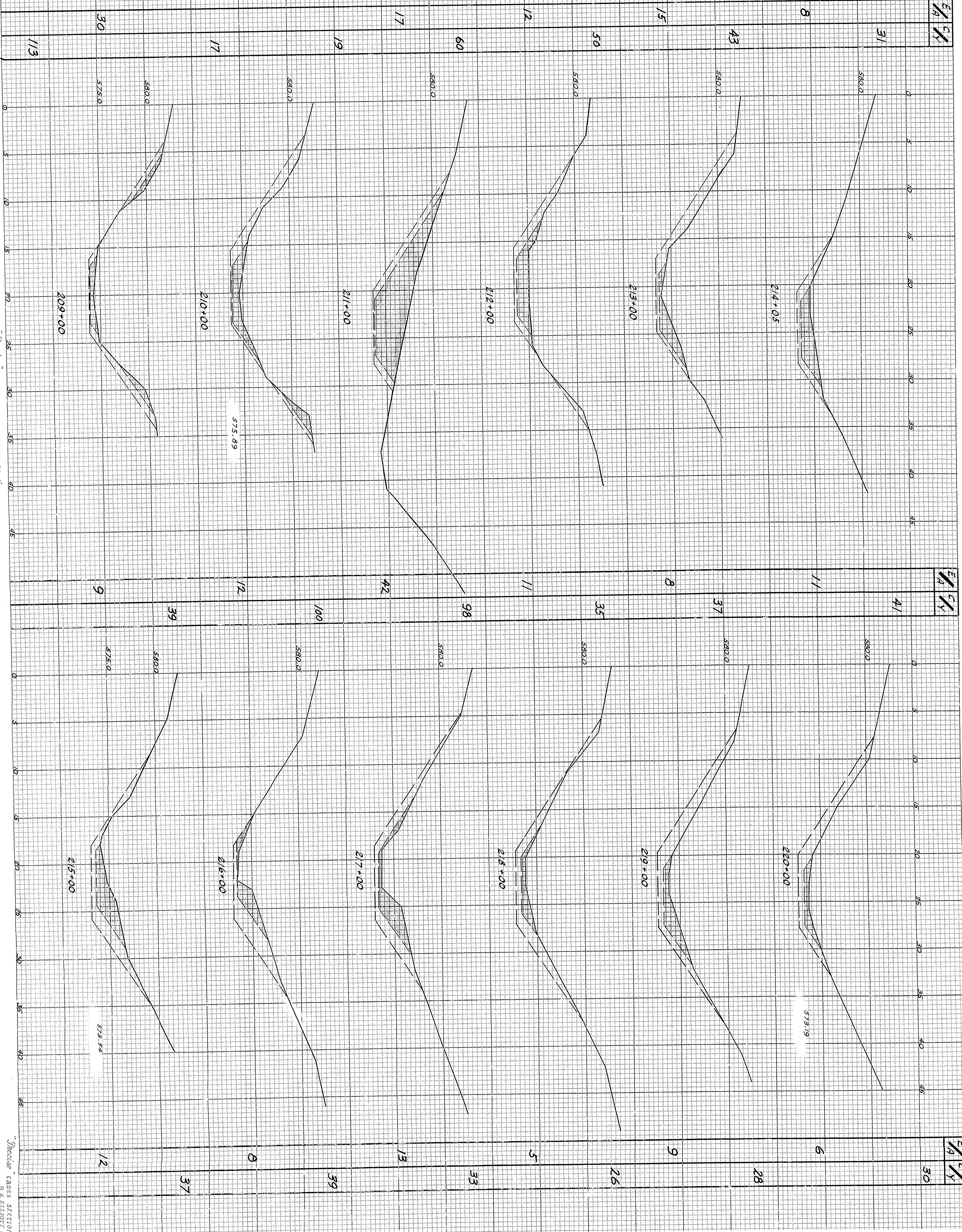
MADE IN U.S.A.



LA CARPE CR. SALEM TWP. 1948

14/19

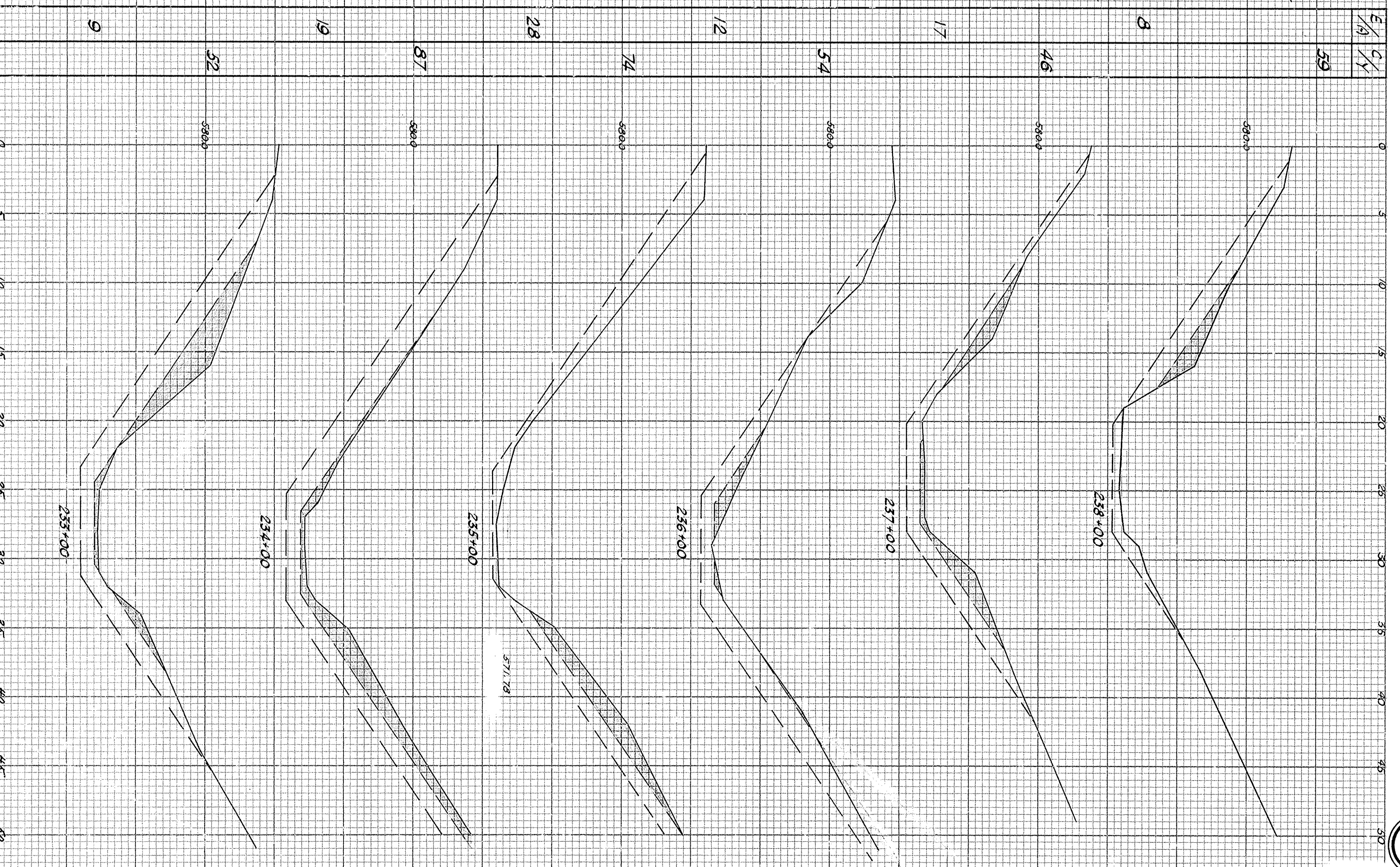
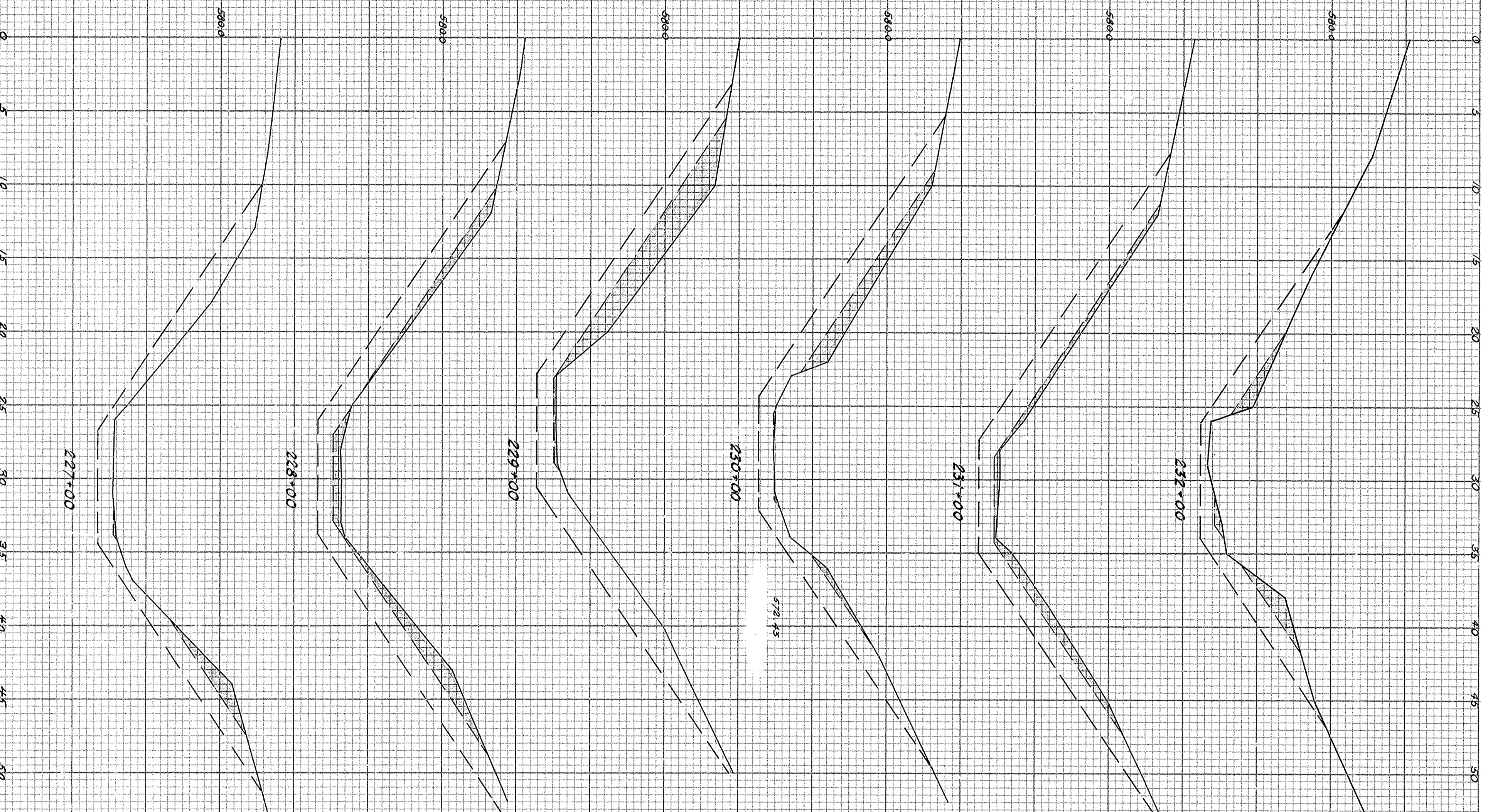
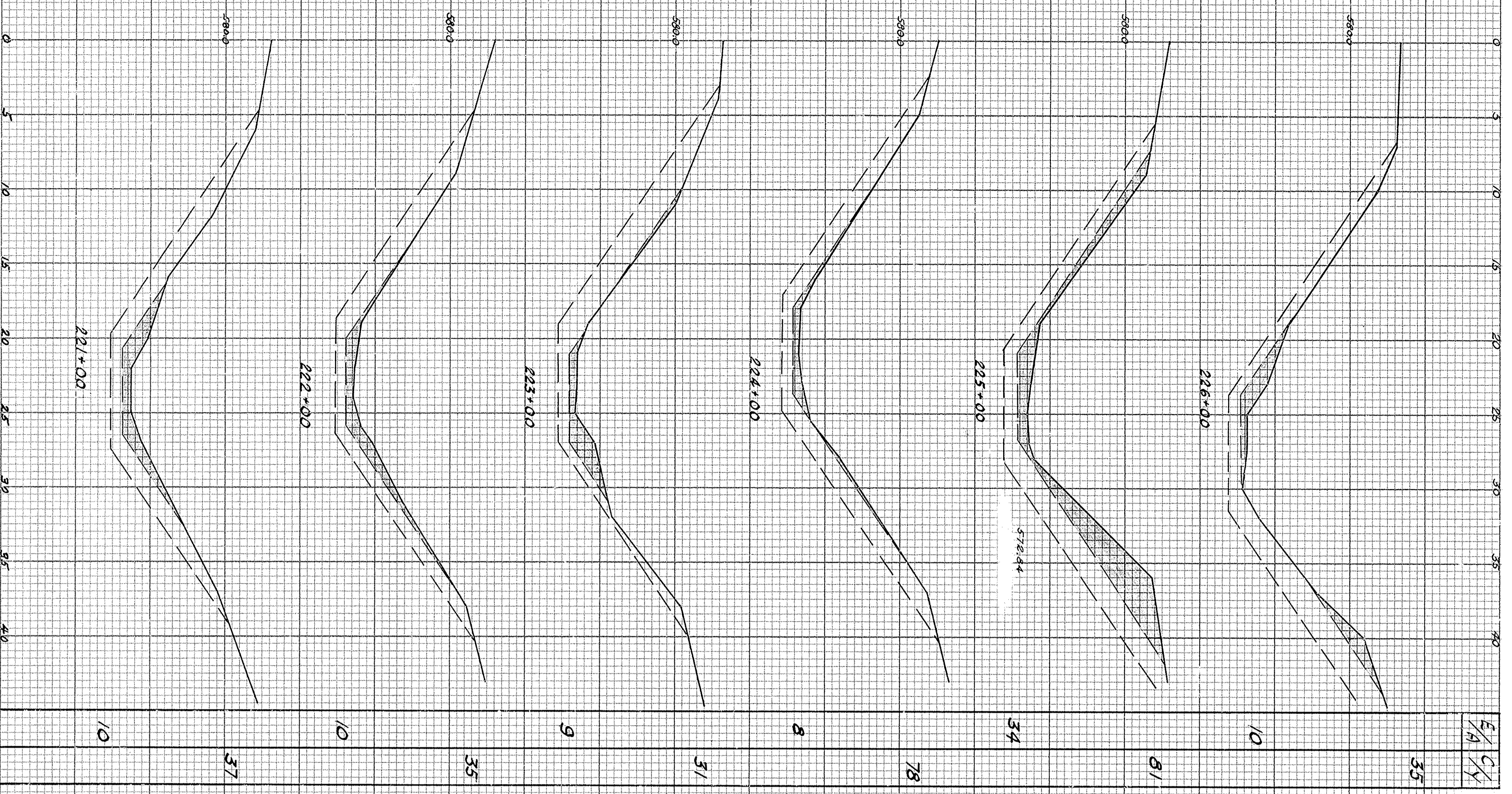
Sheet Total 2348
Sub Total 9694



"Machine" CROSS SECTION 10X10 TO 1" SCALE
S. R. ELLIOTT CO.
MADE IN U.S.A.

"Machine" CROSS SECTION 10X10 TO 1" SCALE
S. R. ELLIOTT CO.
MADE IN U.S.A.

"Machine" CROSS SECTION 10X10 TO 1" SCALE
S. R. ELLIOTT CO.
MADE IN U.S.A.



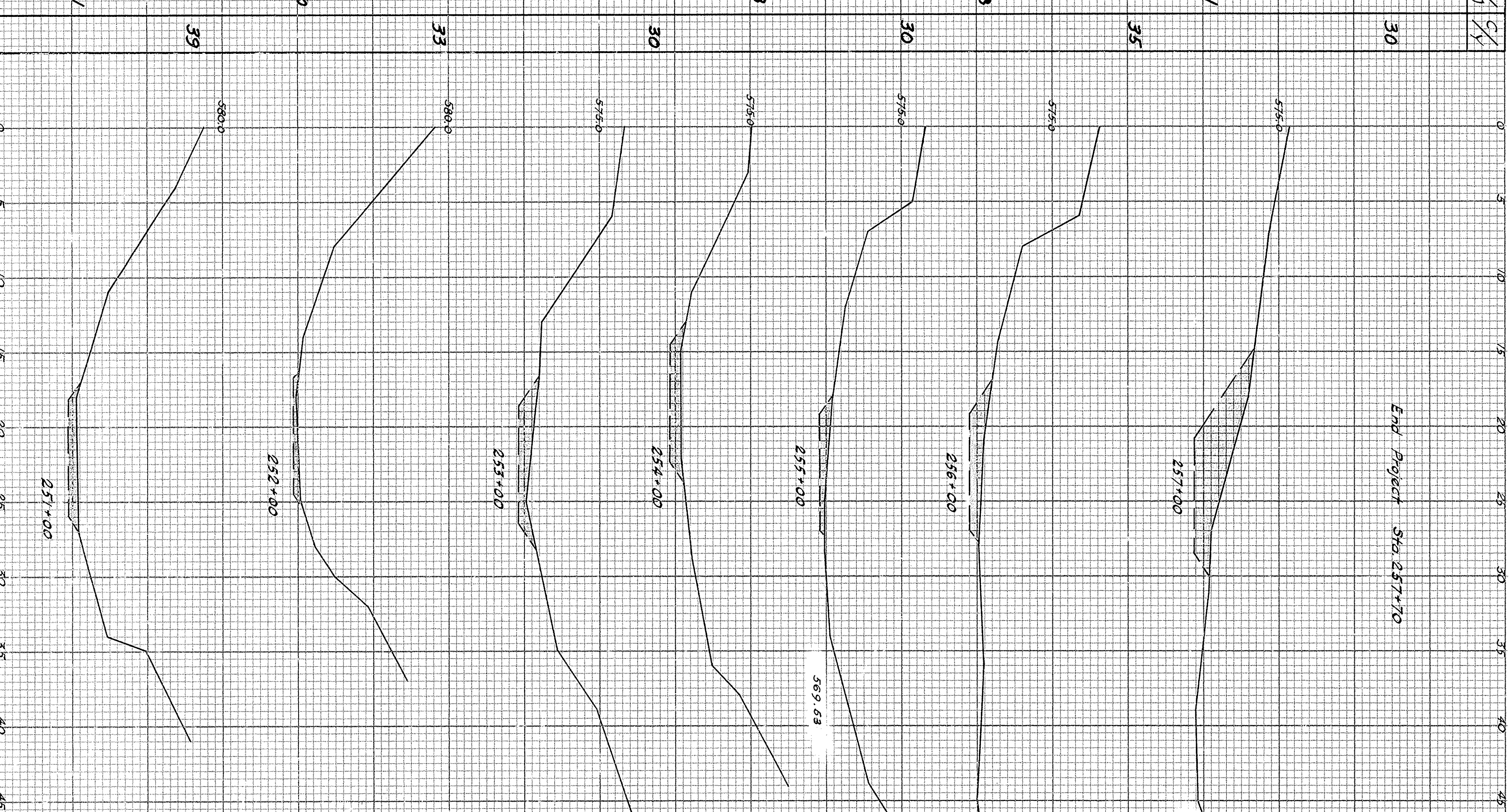
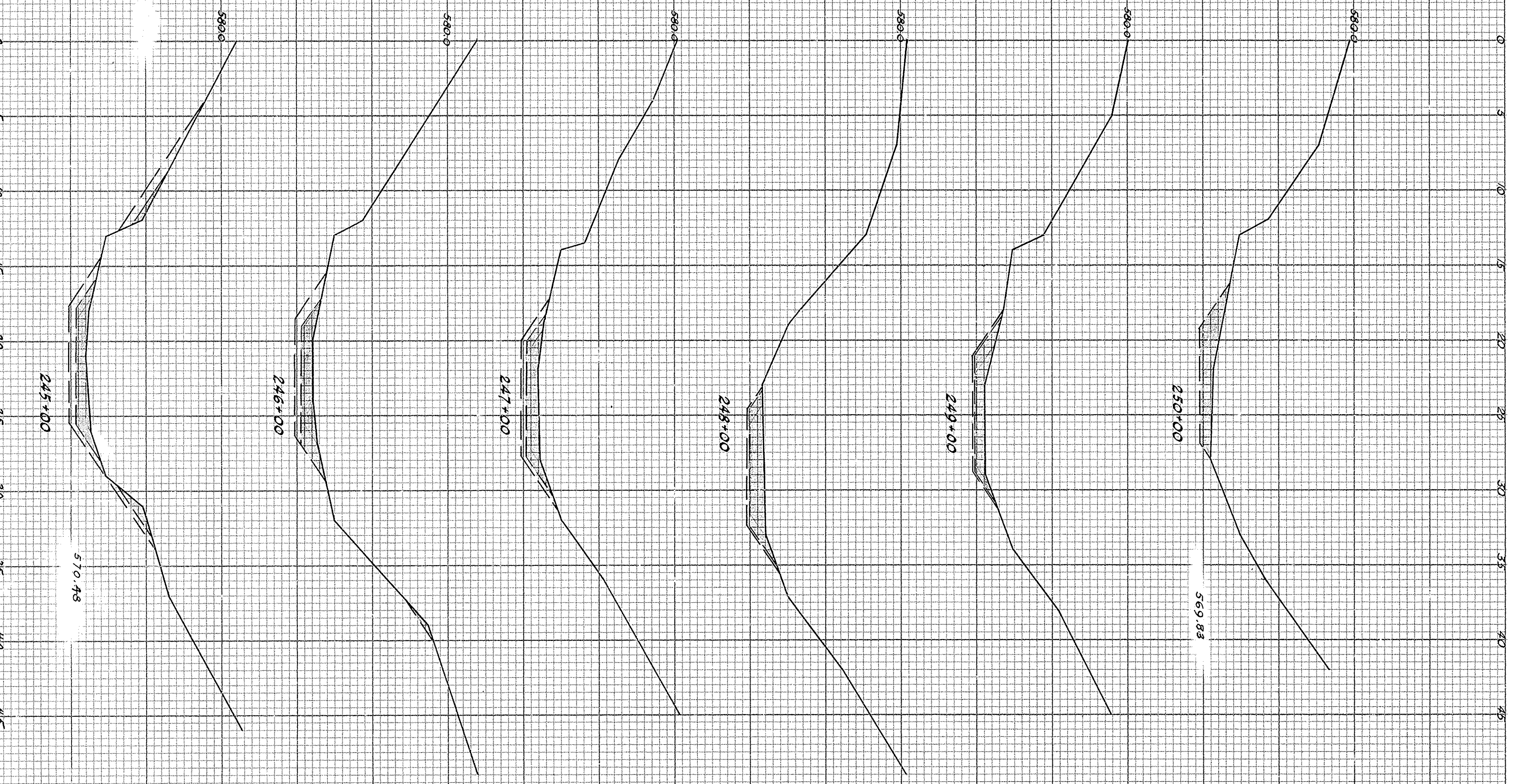
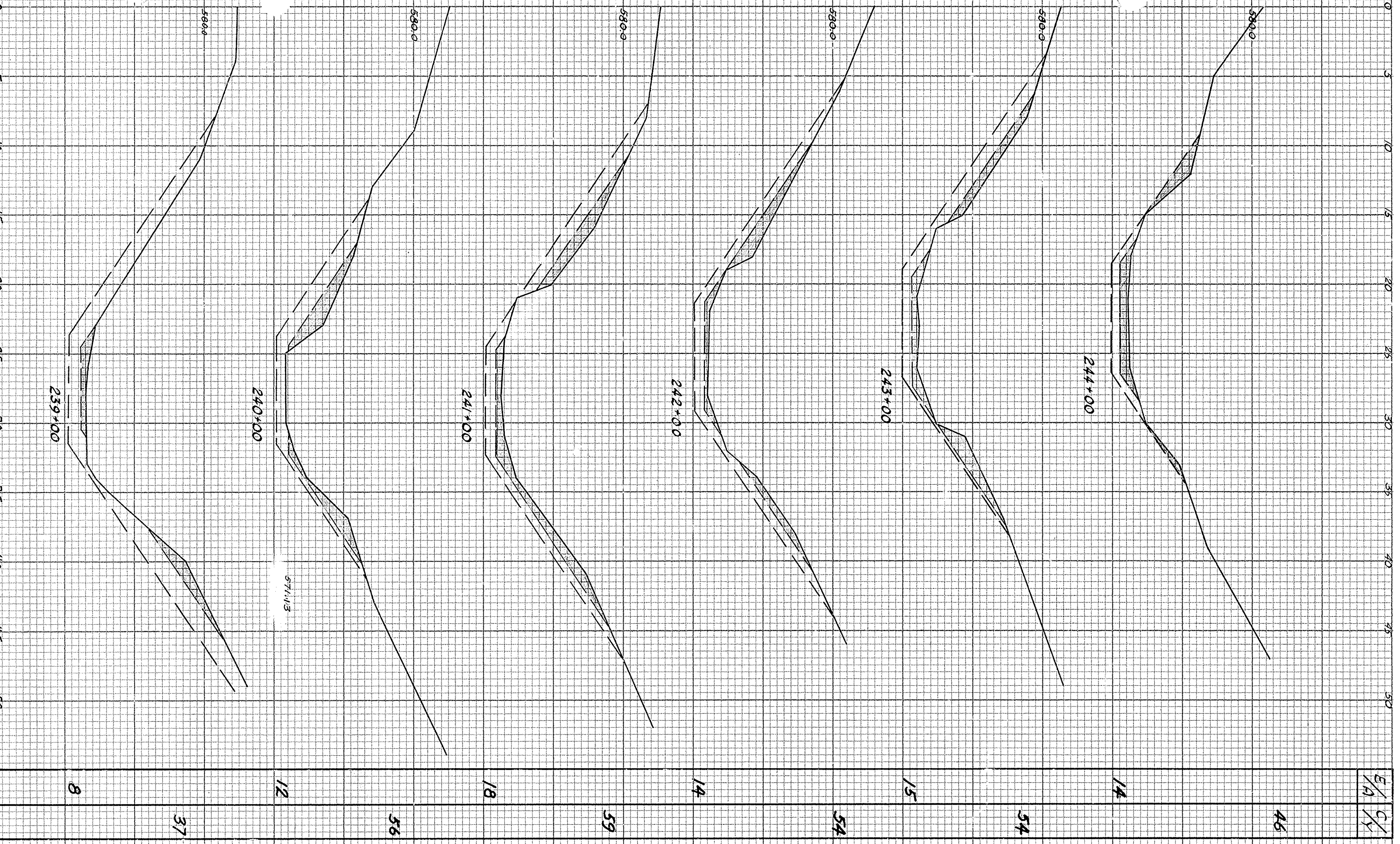
"Machine" CROSS SECTION 10 X 10 TO 1"
MADE IN U.S.A.

"Machine" CROSS SECTION 10 X 10 TO 1"
MADE IN U.S.A.

LA CARPE CR. SALEM TWP. 1948

17/19
35244 cont.

END PROJECT STA. 257+70

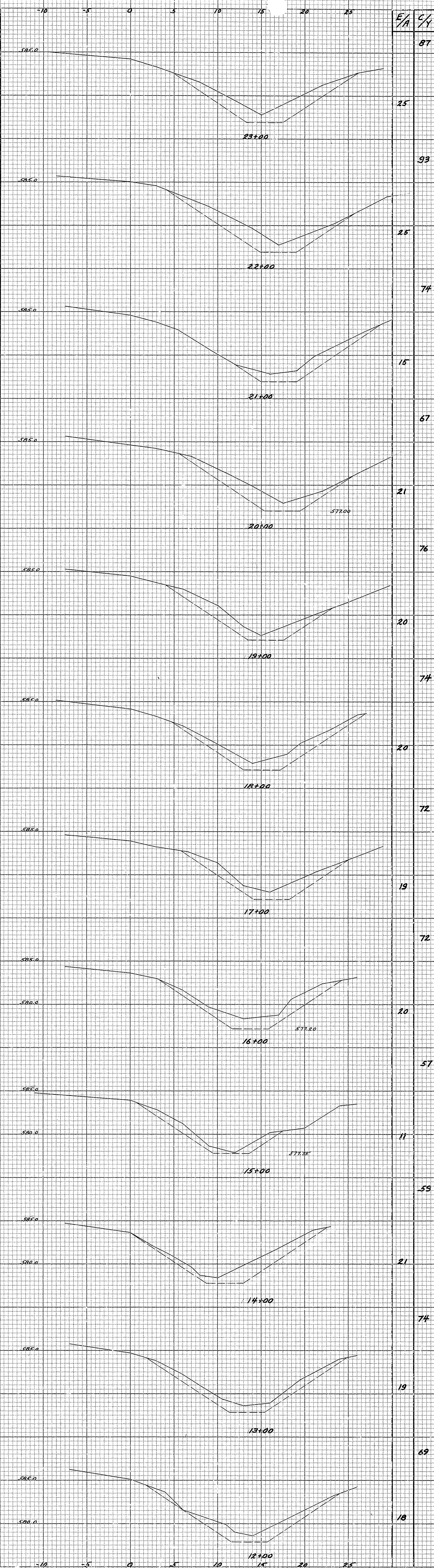
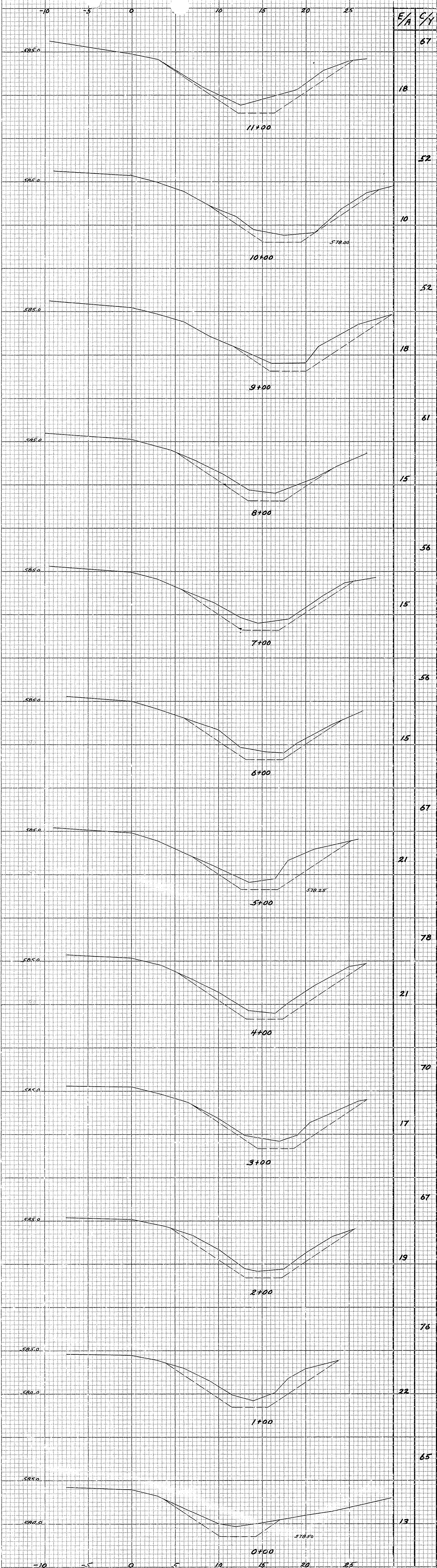


"Machine" CROSS SECTION 10 X 10 TO 1"
B. K. SLIGHT CO.
MADE IN U.S.A.

"Machine" CROSS SECTION 10 X 10 TO 1"
B. K. SLIGHT CO.
MADE IN U.S.A.

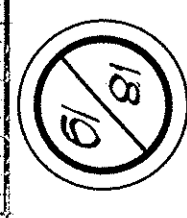
Vertical Curve Section 10 x 10 to 1' B.R. Elliott Co. Made in U.S.A.

Vertical Curve Section 10 x 10 to 1' B.R. Elliott Co. Made in U.S.A.



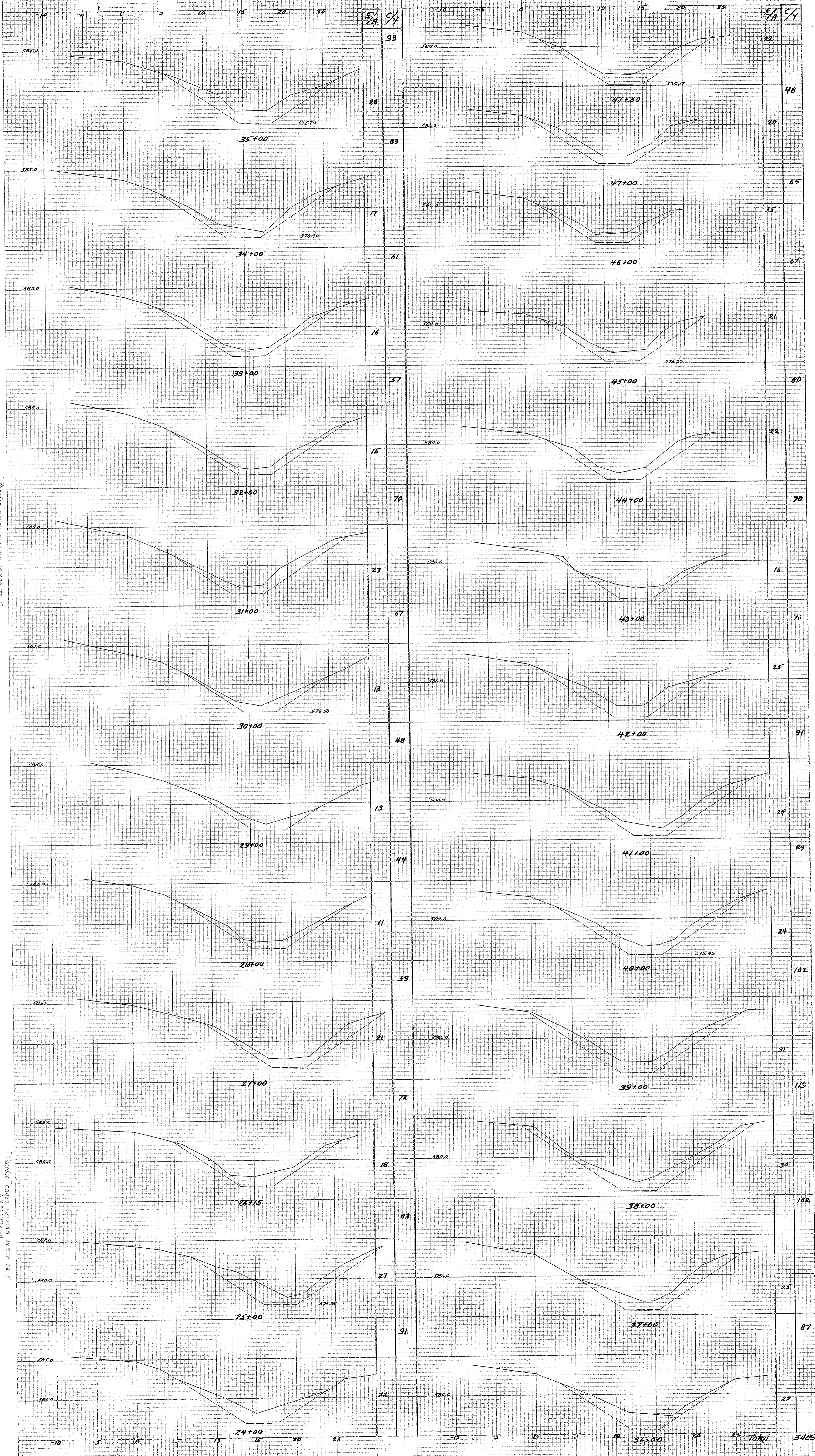
ATWATER RD. BRANCH LA CARPE & CUT-OFF 1948

Sheet = 1641



"Machine" CROSS SECTION 10X10 TO 1"
 E. K. ELLIOTT CO.
 MADE IN U.S.A.

"Machine" CROSS SECTION 10X10 TO 1"
 E. K. ELLIOTT CO.
 MADE IN U.S.A.



ATWATER RD. BRANCH LA CARPE & CUT-OFF 1948

19/19

3428