

Cross-sections

5/16/88

1+00

-30	468.91
0	469.08
30	469.09

2+00

-30	468.32
0	468.77
30	468.69

3+00

-30	470.62
0	471.27
30	470.59

4+00

-14.5	471.68
-2	471.35
0	470.59
30	470.28

5+00

-15	471.98
-2	471.36
0	470.67
6	468.61
30	466.56

6+00

-16	471.97
0	471.50
30	466.12
52	463.38

6+50

-16	471.80
0	471.56
30	463.41
50	461.44

7+00

-18	471.49
0	470.56
30	461.07
54	456.06
77	454.82

7+50

-16	470.36
0	470.21
46	454.29
76	452.82

8+00

-16	470.02
0	469.99
3	470.12
47	454.32
87	452.42

8+50

-16	470.11
0	470.02
1	470.13
47	454.82
87	452.92

9+00

-16	470.09
0	470.11
46	457.01
76	455.74

9+50

-45	463.80
-25	466.70
-16	471.05
0	469.97
3	469.76
41	458.01

10+00 - start

71	455.46
-46	462.92
-26	465.75
-16	470.64

0	470.70
3	470.93
33	455.28
58	455.10
83	457.23

10+16

-62	456.96	28	459.73
-49	462.44	42	453.84
-23	466.96	65	453.46
-16	470.44	0	471.01
0	471.01	13	461.71

Lake 17

10/1/87

Preliminary Embankment Design.

Materials- SCS soil survey indicates a predominance of Unified Class CL, CL-MH, SC & CH soils available for borrow material.

This indicates a Case A modified homogeneous dam with toe drain. For soils of this type, CL-MH, an upstream slope of 3:1 and a downstream slope of 2 1/2:1 is required. Table 18 p. 265.

Map - Kept original. - Leigh Morgan.

465.69 East spill way elevation
x 470.50 existing dam crest

4.81 Normal freeboard

65.69

3.00 - increased normal elev. of reservoir.

68.69 - normal new elevation - res

4.81 - normal freeboard

73.50 new dam crest

-3.00 min. freeboard

70.50 - say 71.00'



(Handwritten scribble)

Copy HomeK: 70
Docs

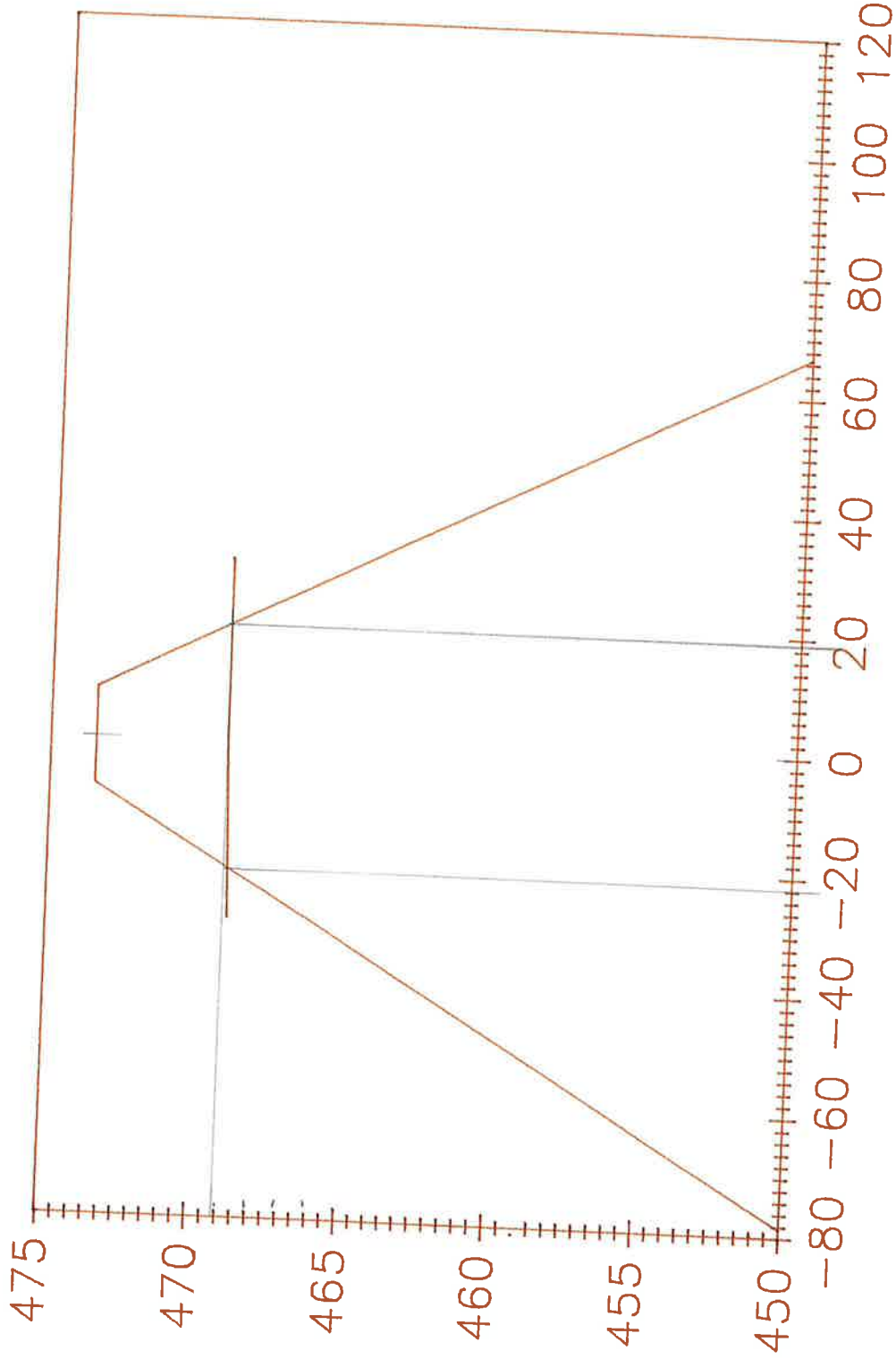
(Handwritten scribble)

(Handwritten scribble)

5/16/88

after adjustments
to C-L

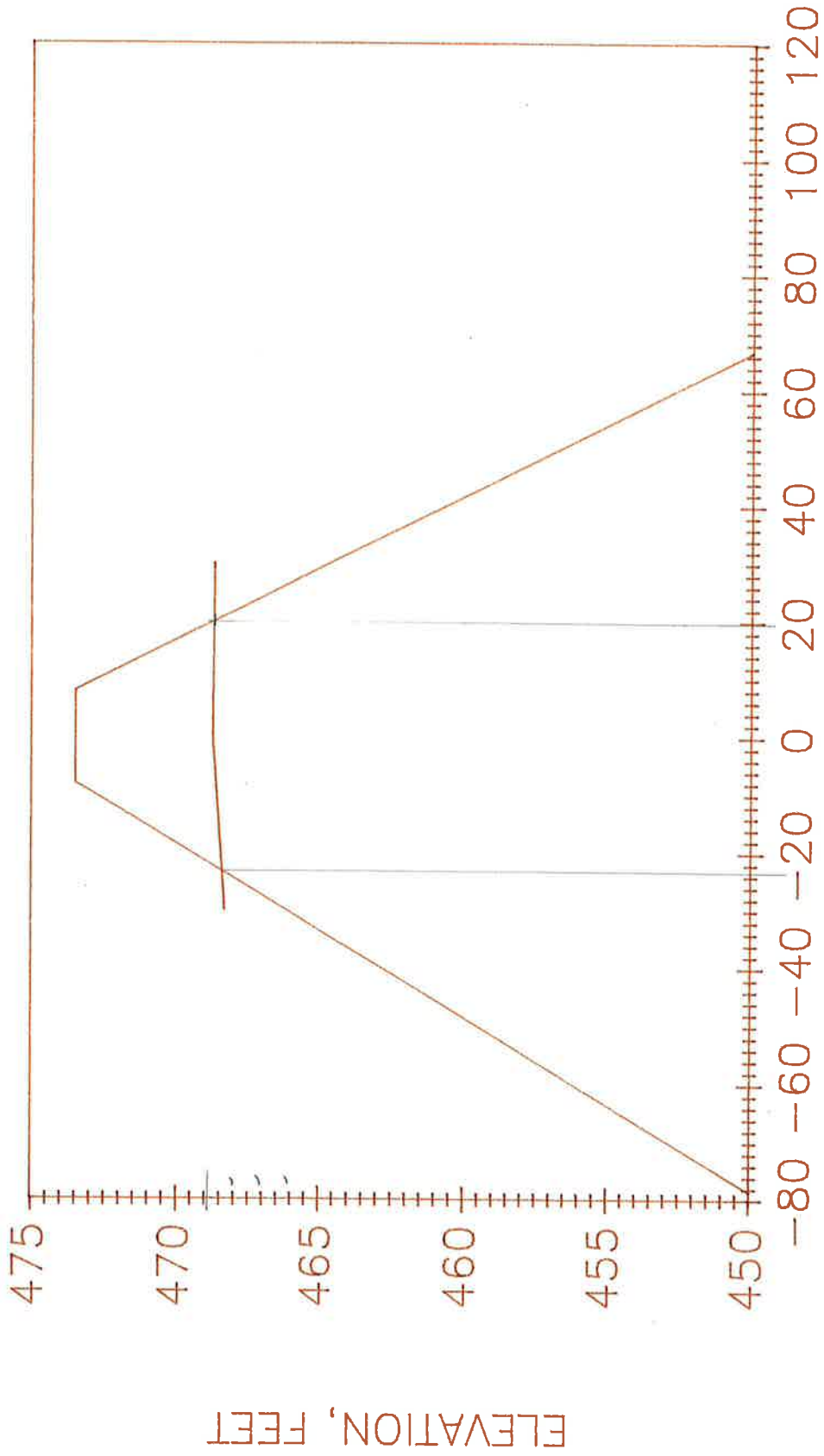
1 + 00



DISTANCE FROM CENTERLINE, FEET

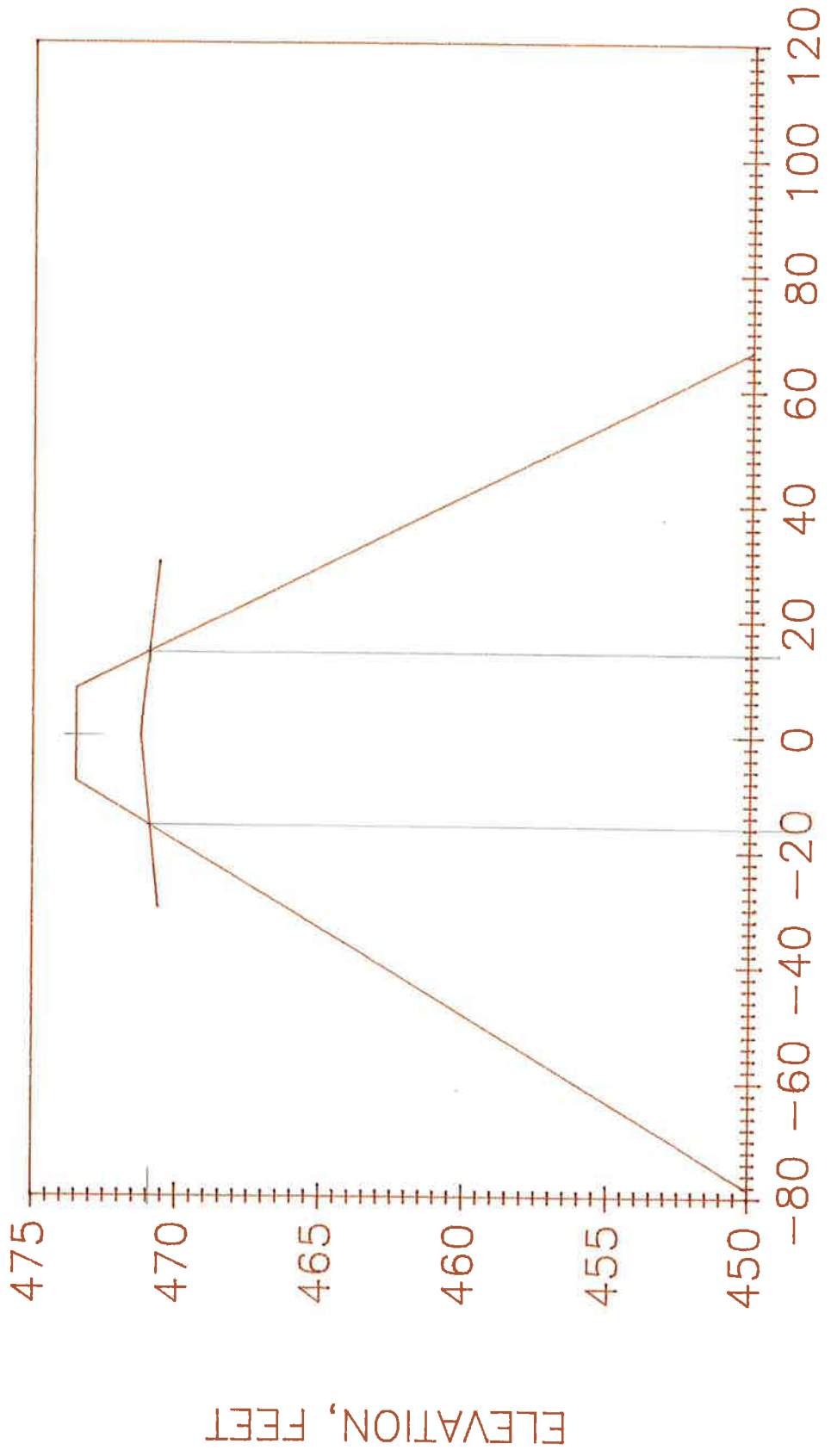
ELEVATION, FEET

2 + 00



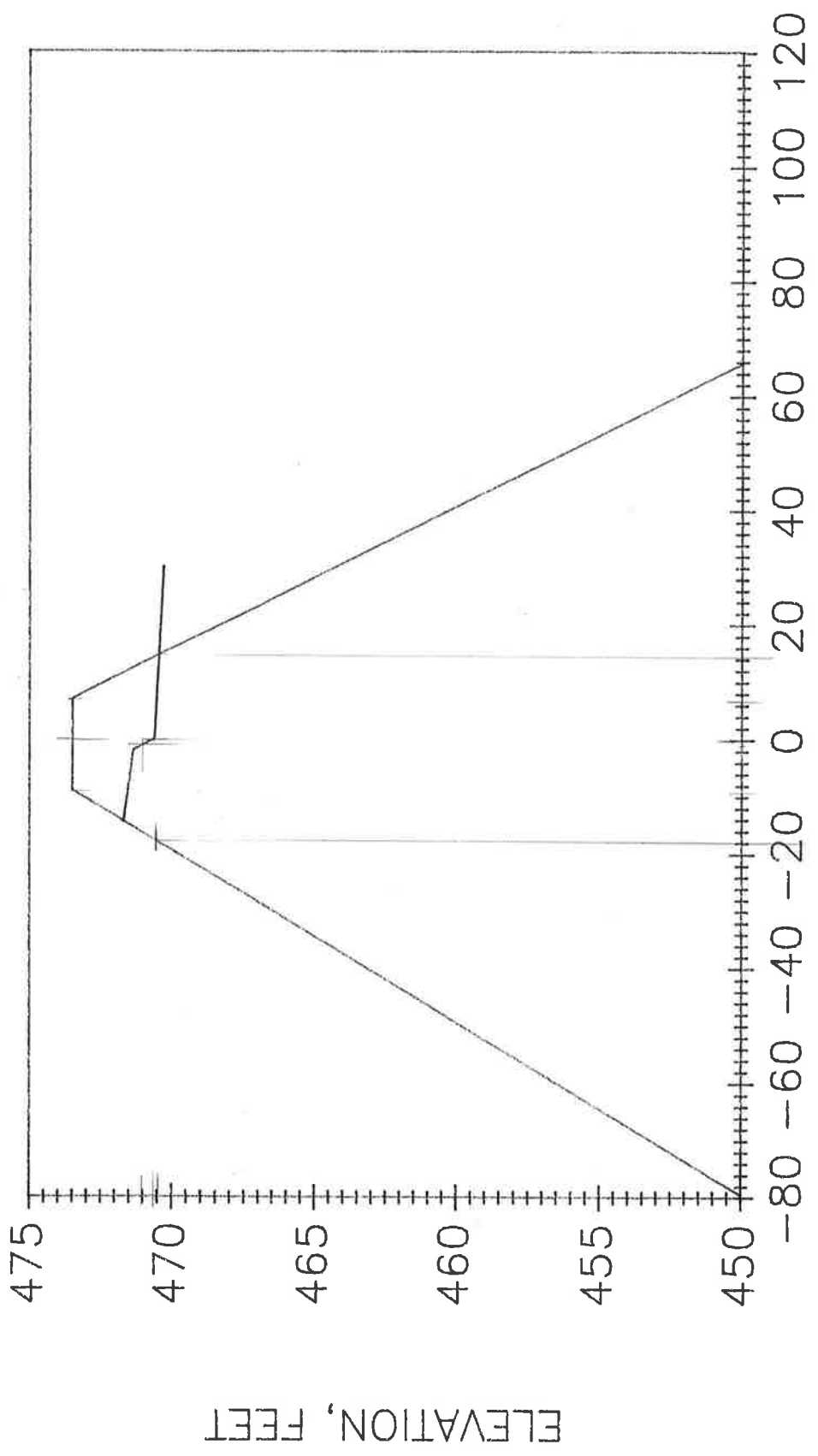
DISTANCE FROM CENTERLINE, FEET

3 + 00



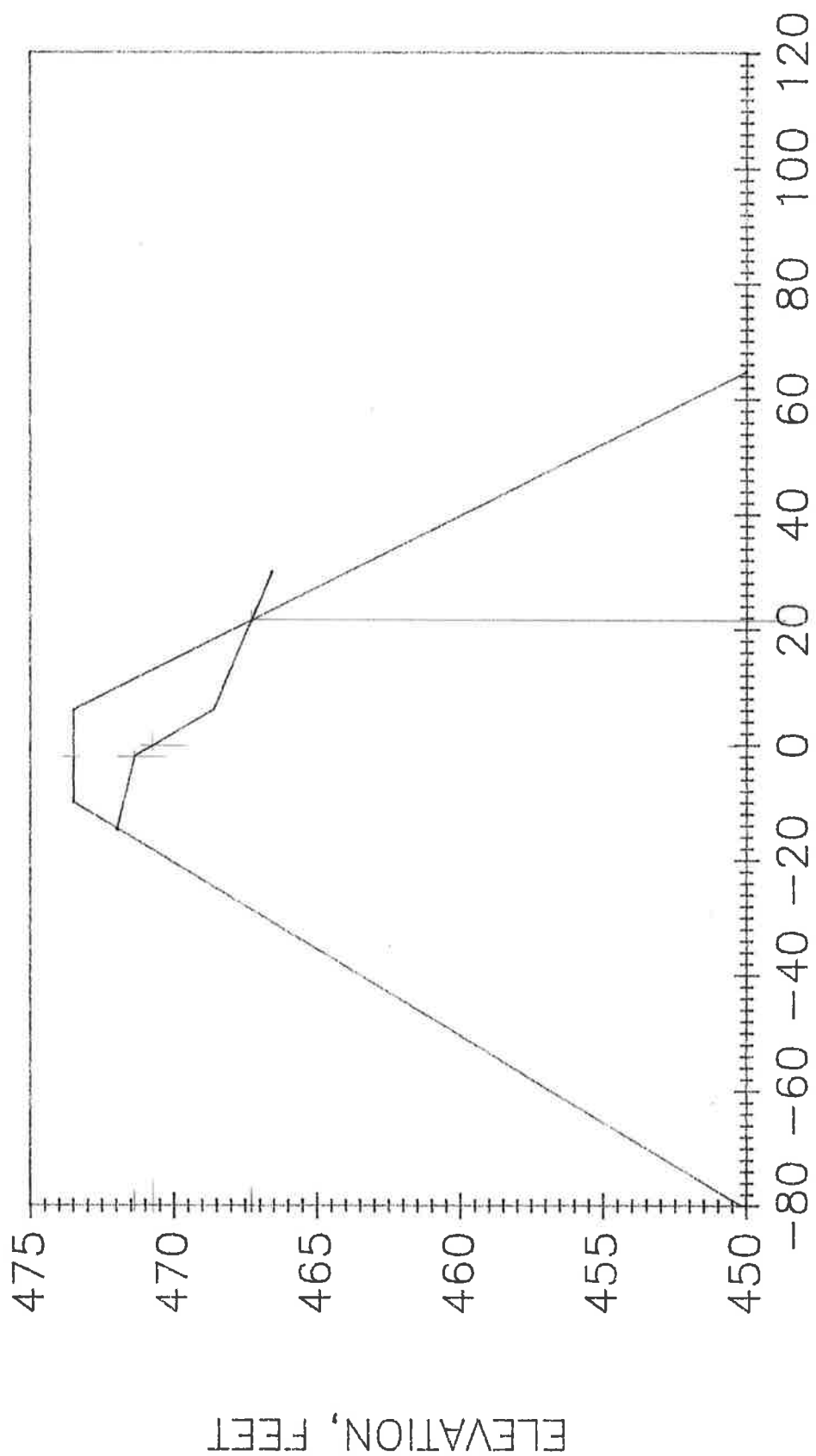
DISTANCE FROM CENTERLINE, FEET

4 + 00



DISTANCE FROM CENTERLINE, FEET

5 + 00



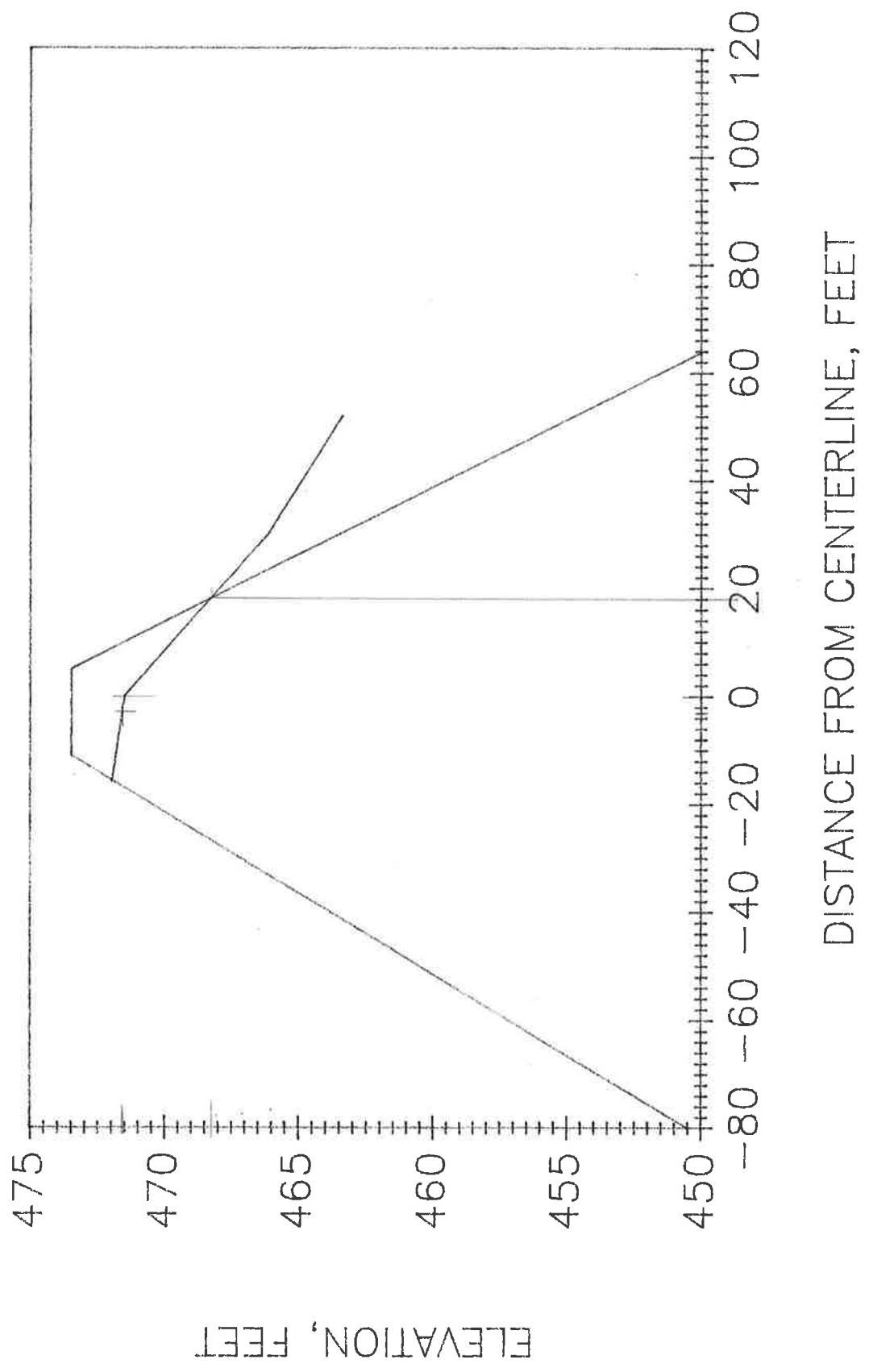
DISTANCE FROM CENTERLINE, FEET

ELEVATION, FEET

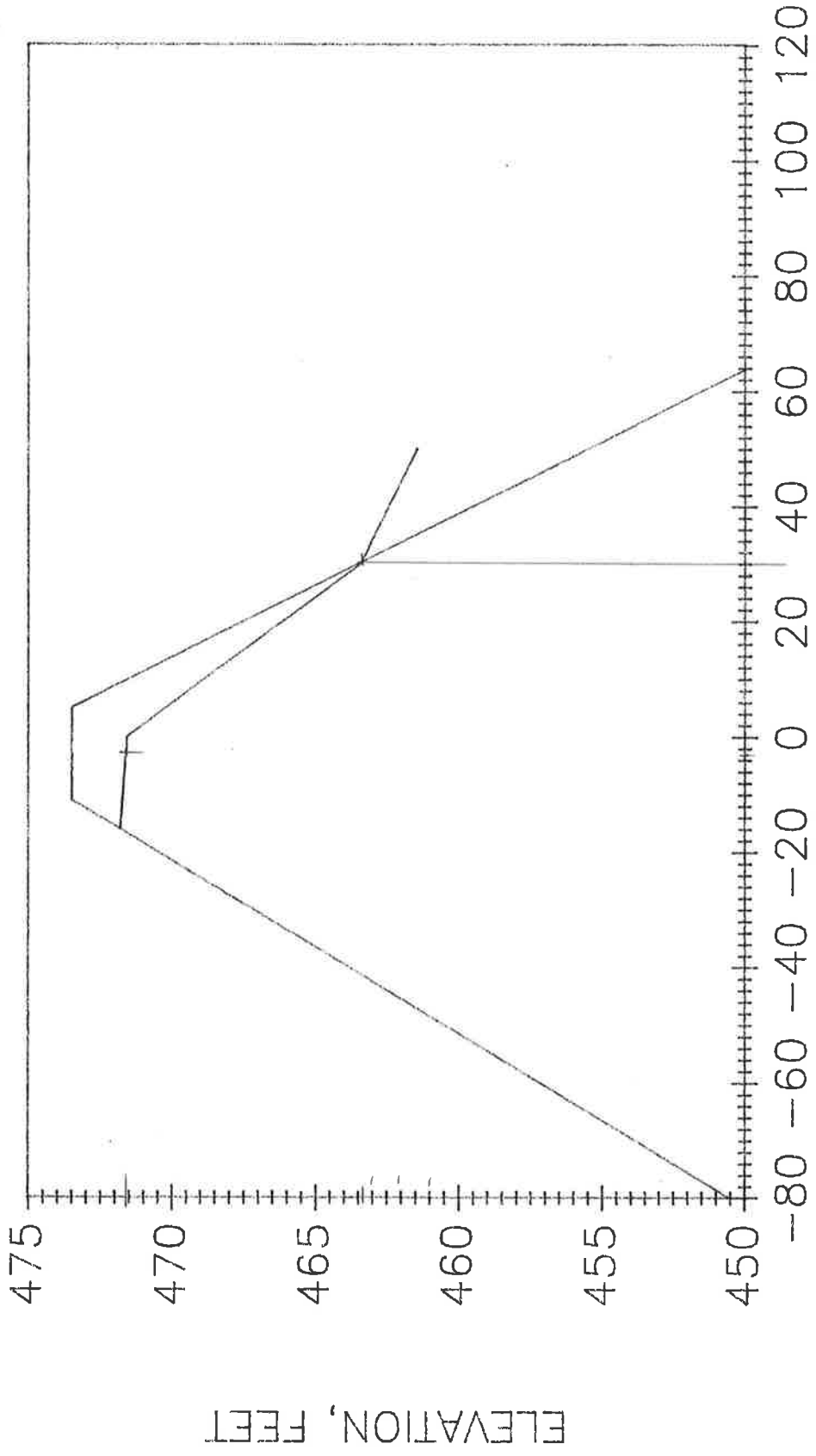
C

C

6 + 00

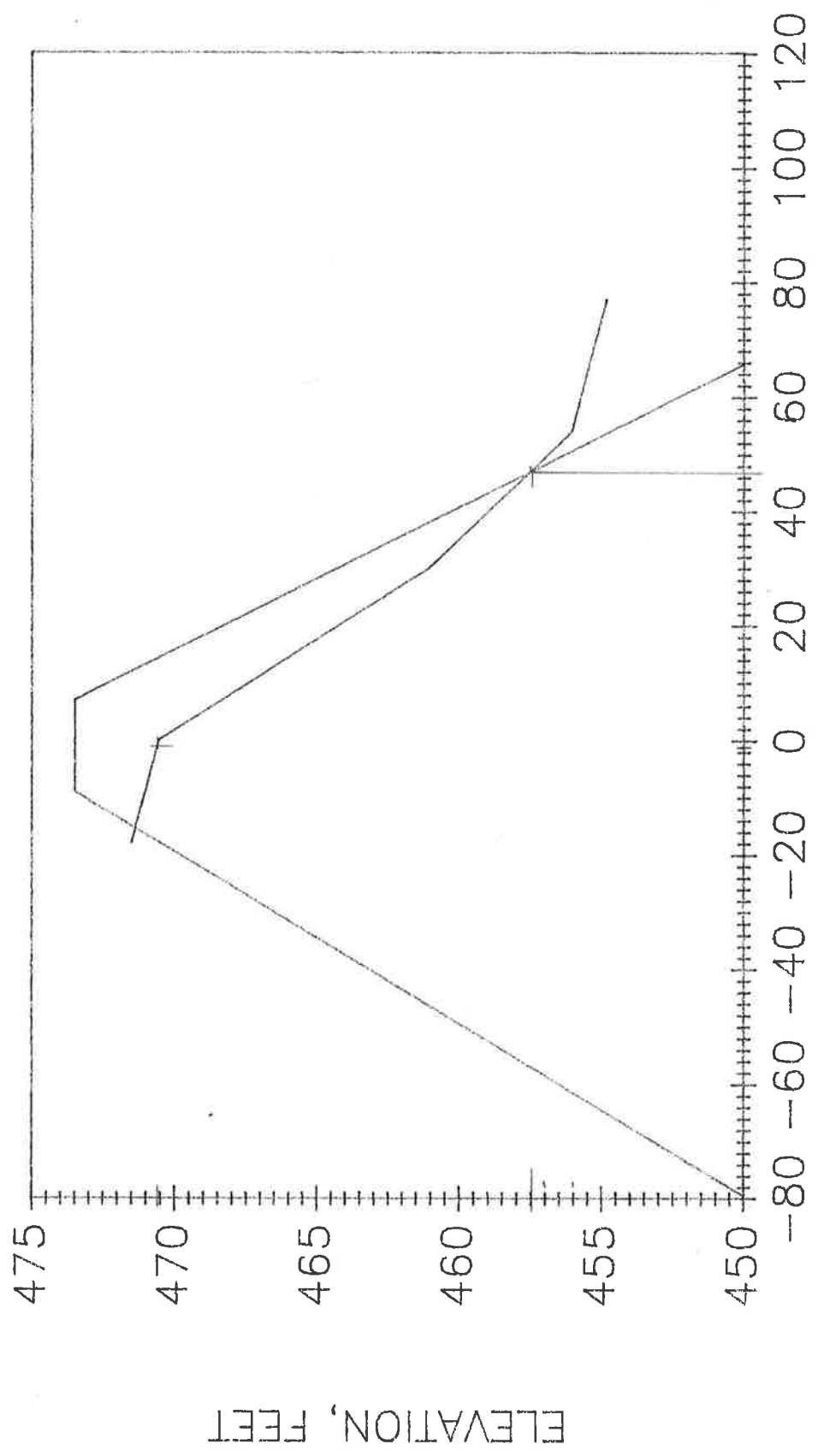


6 + 50



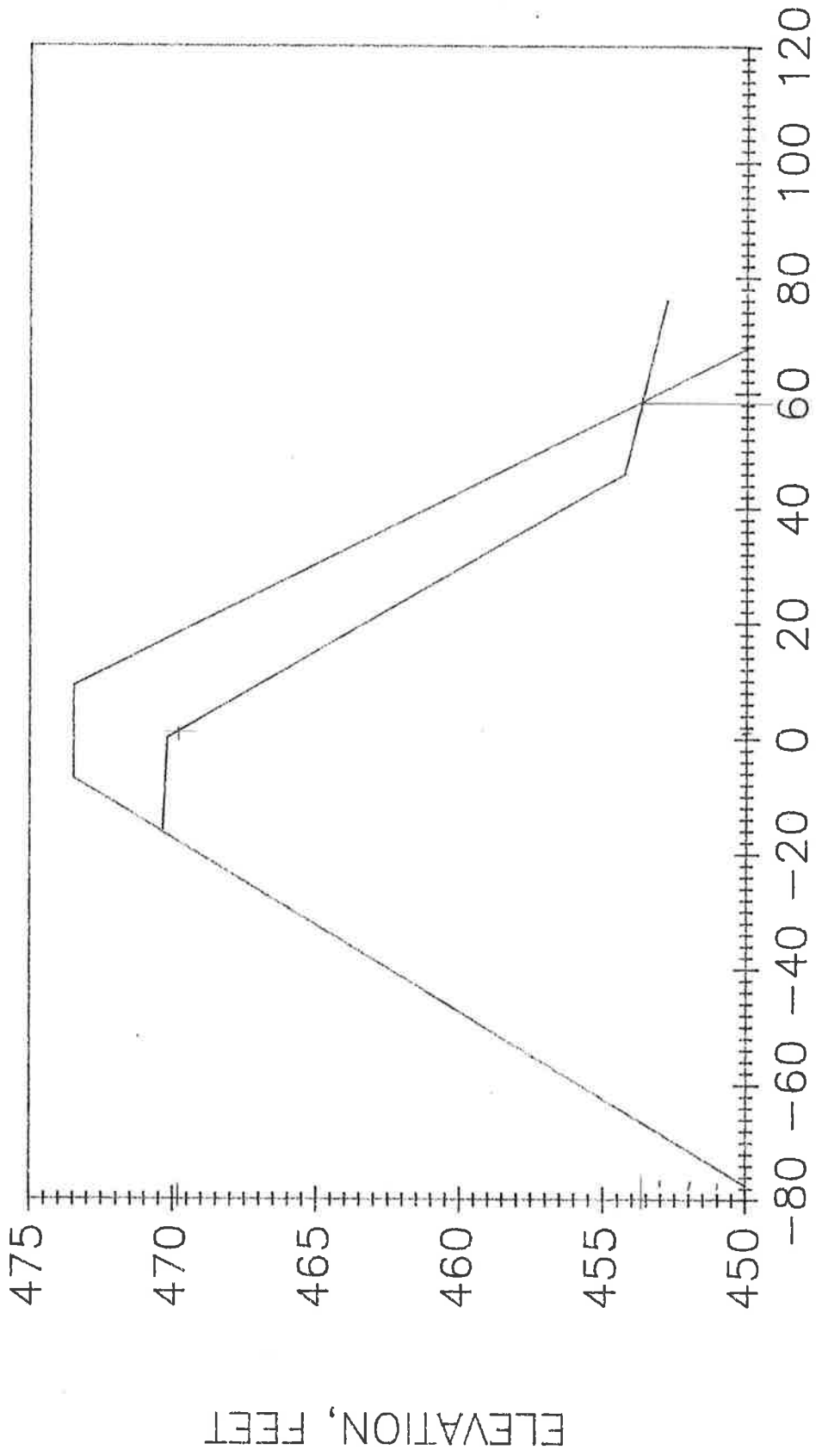
DISTANCE FROM CENTERLINE, FEET

7 + 00



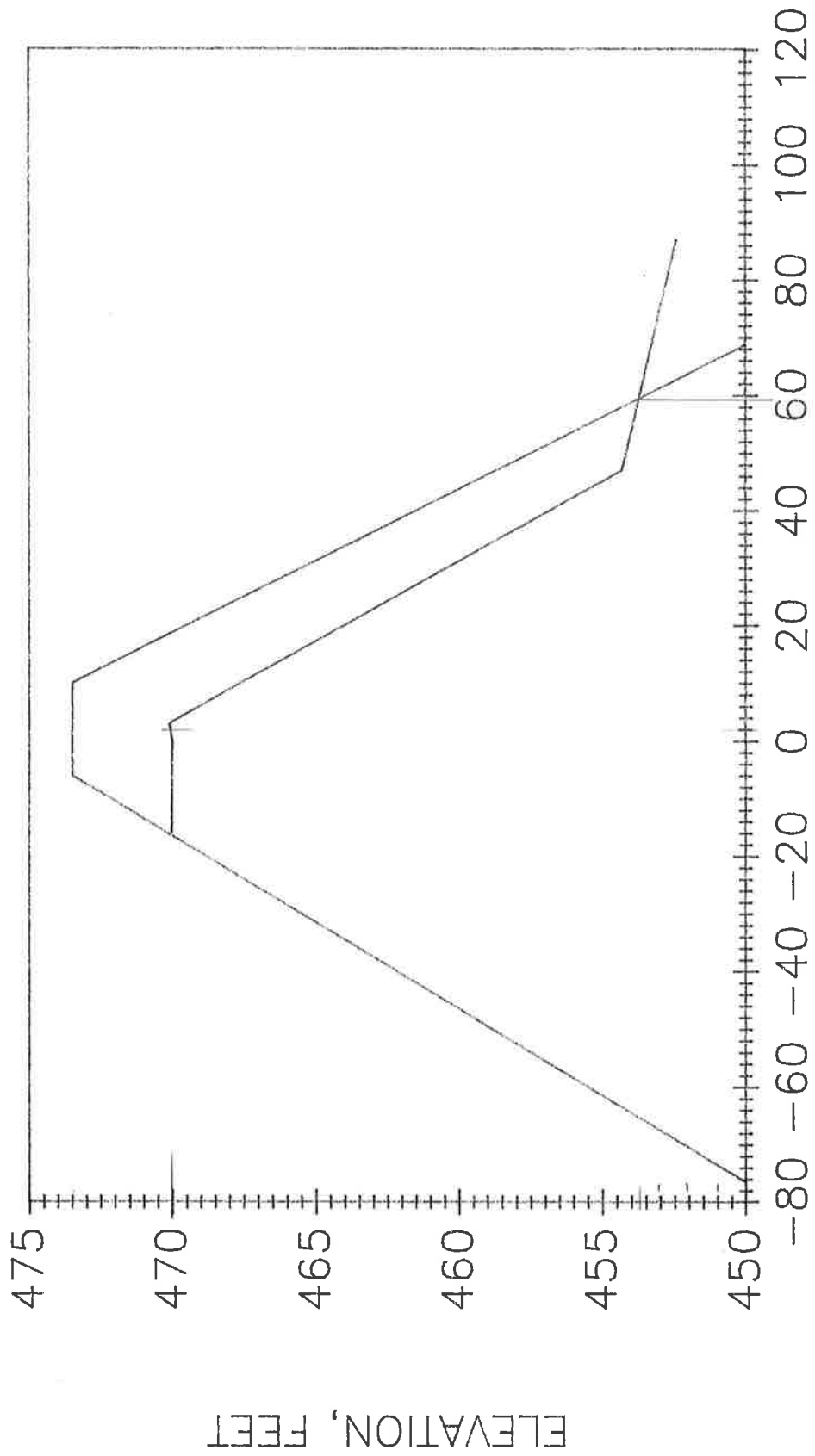
DISTANCE FROM CENTERLINE, FEET

7 + 50



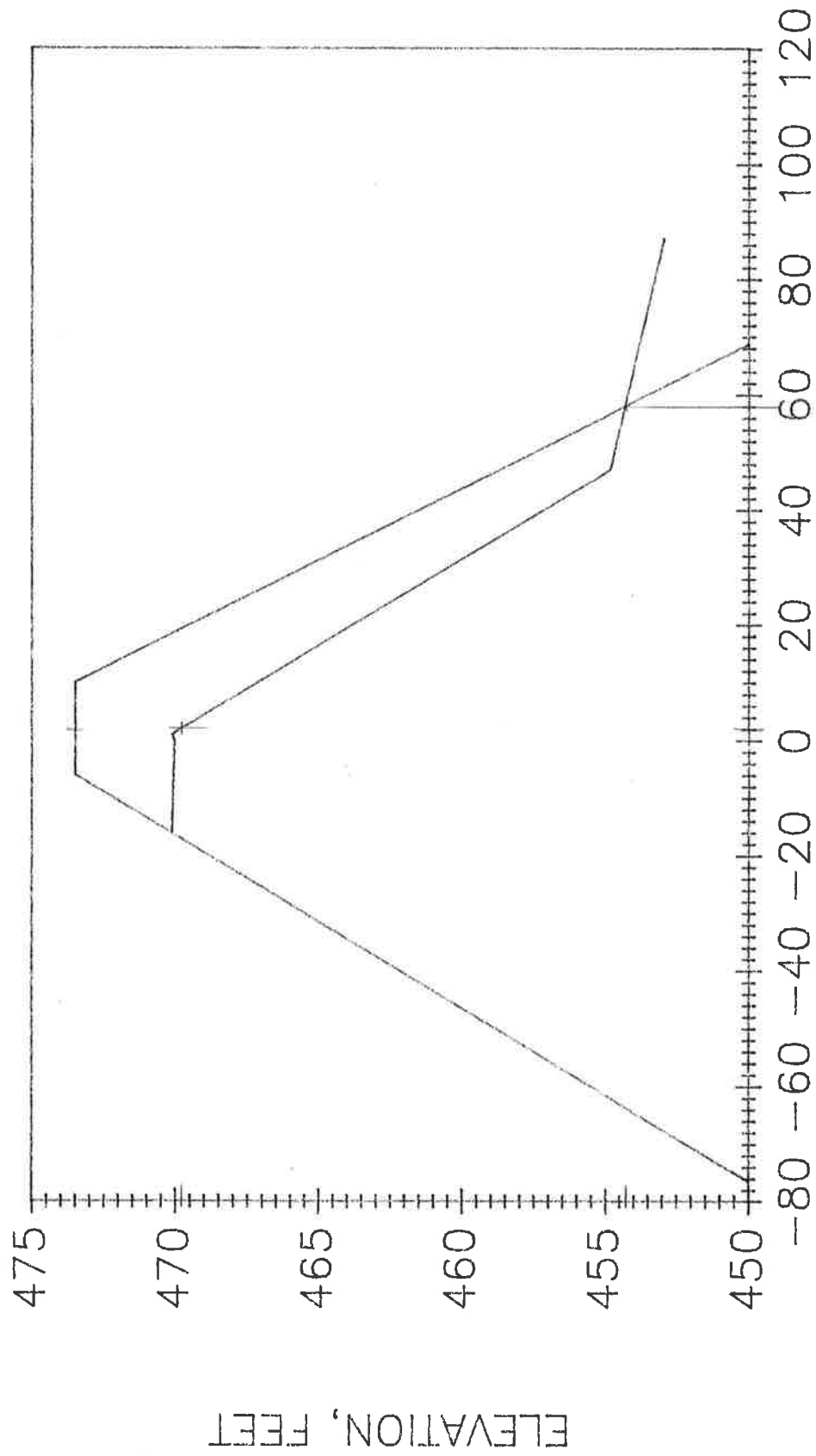
DISTANCE FROM CENTERLINE, FEET

8 + 00



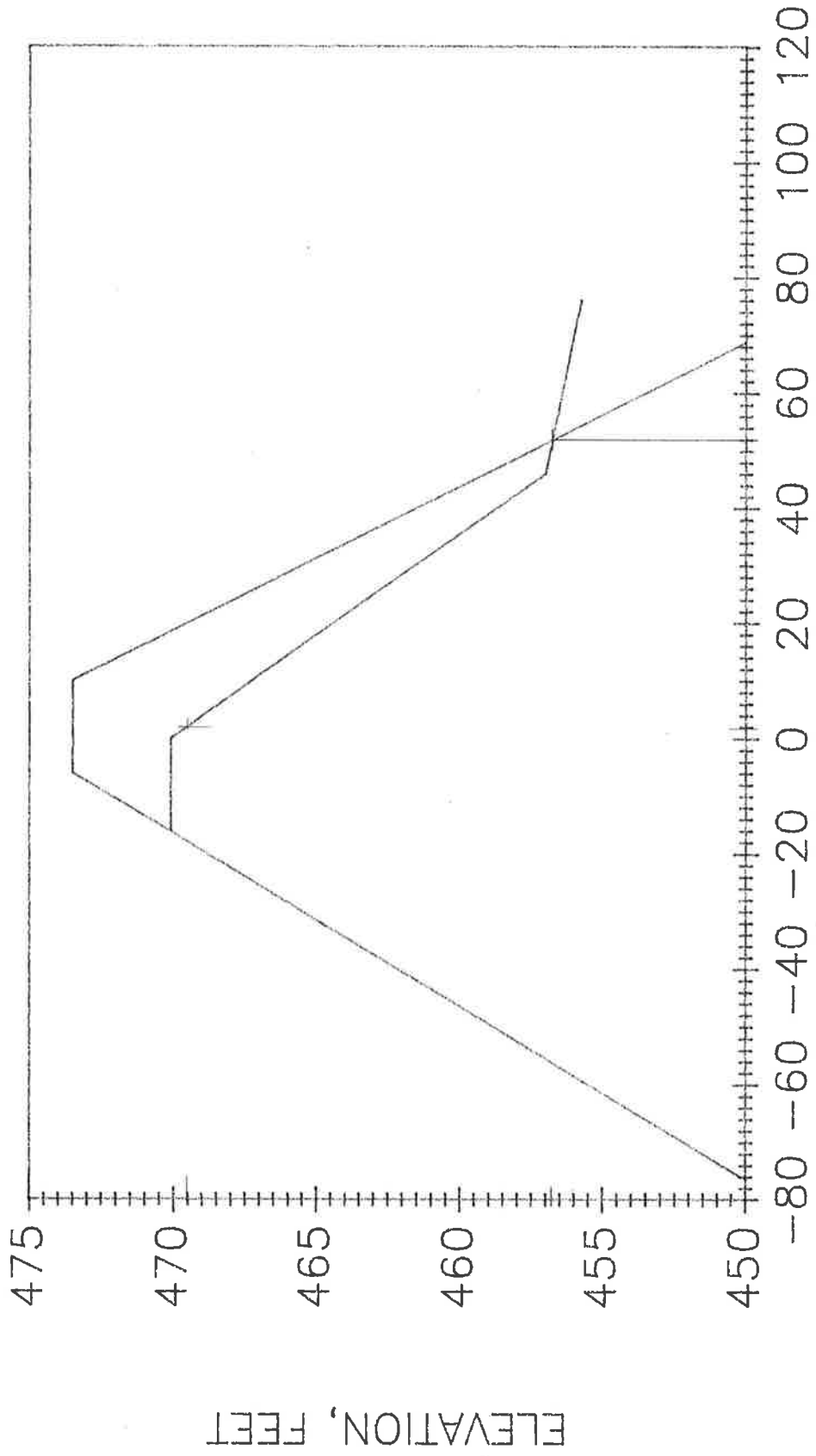
DISTANCE FROM CENTERLINE, FEET

8 + 50



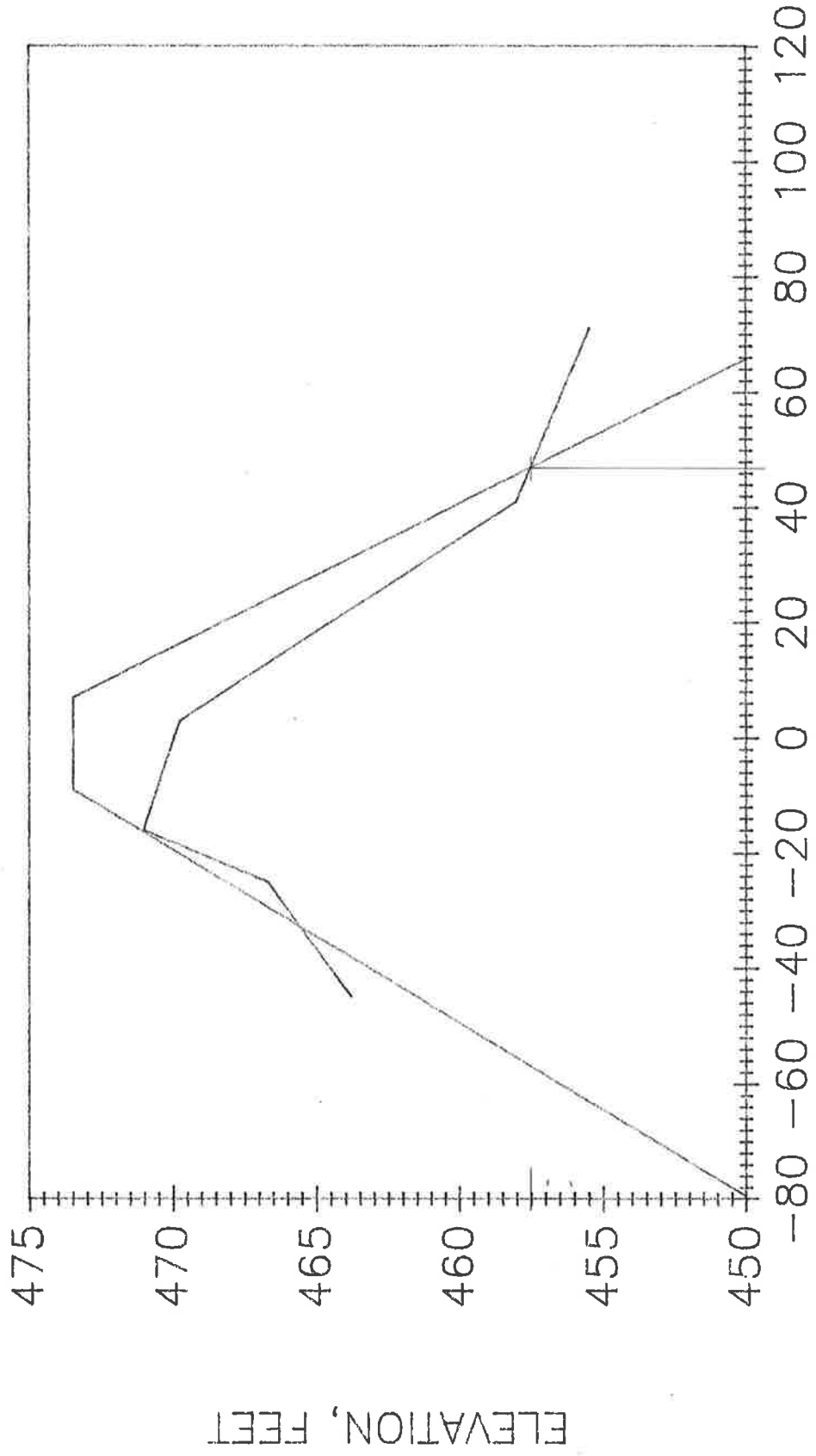
DISTANCE FROM CENTERLINE, FEET

9 + 00



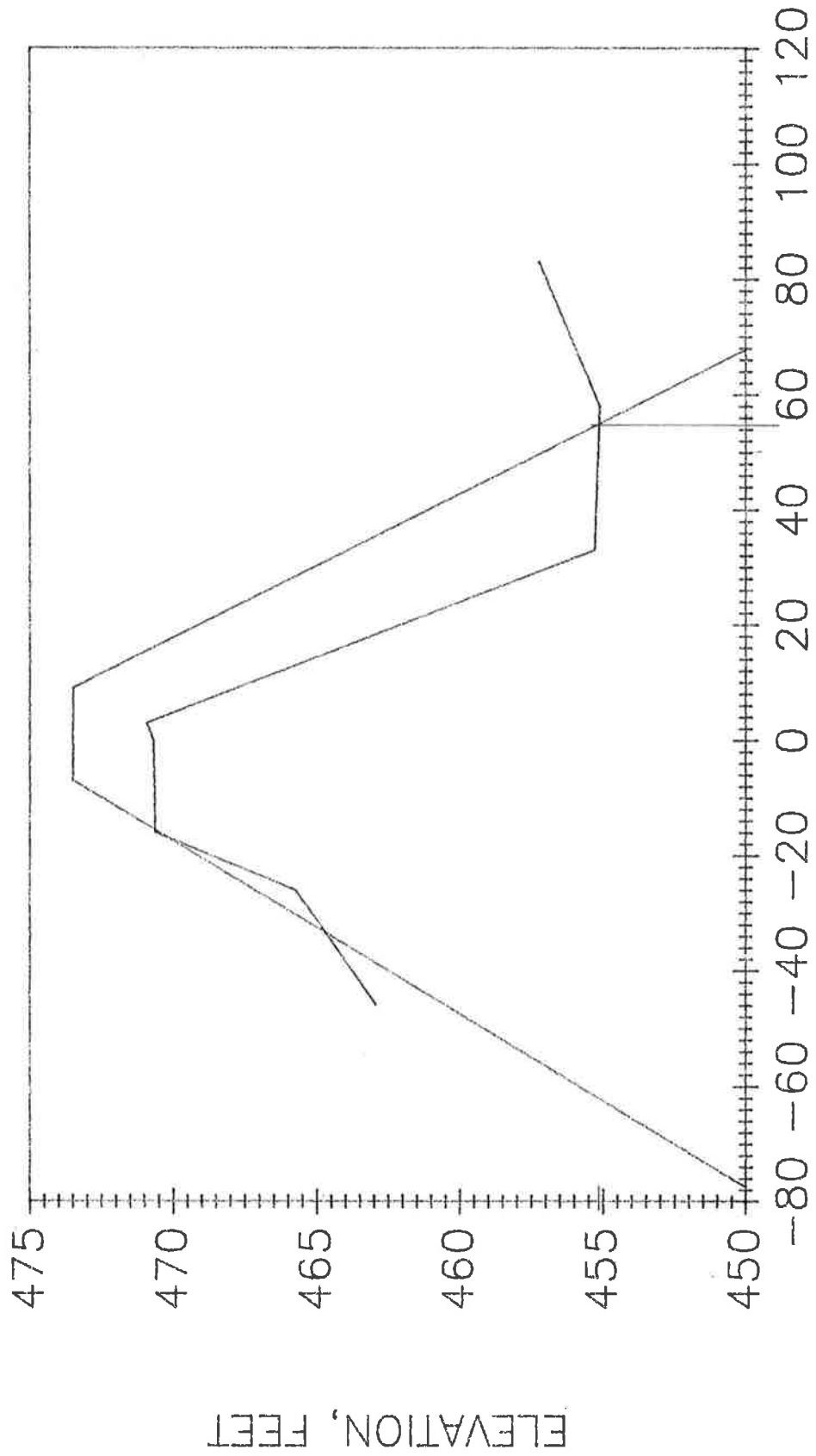
DISTANCE FROM CENTERLINE, FEET

9 + 50



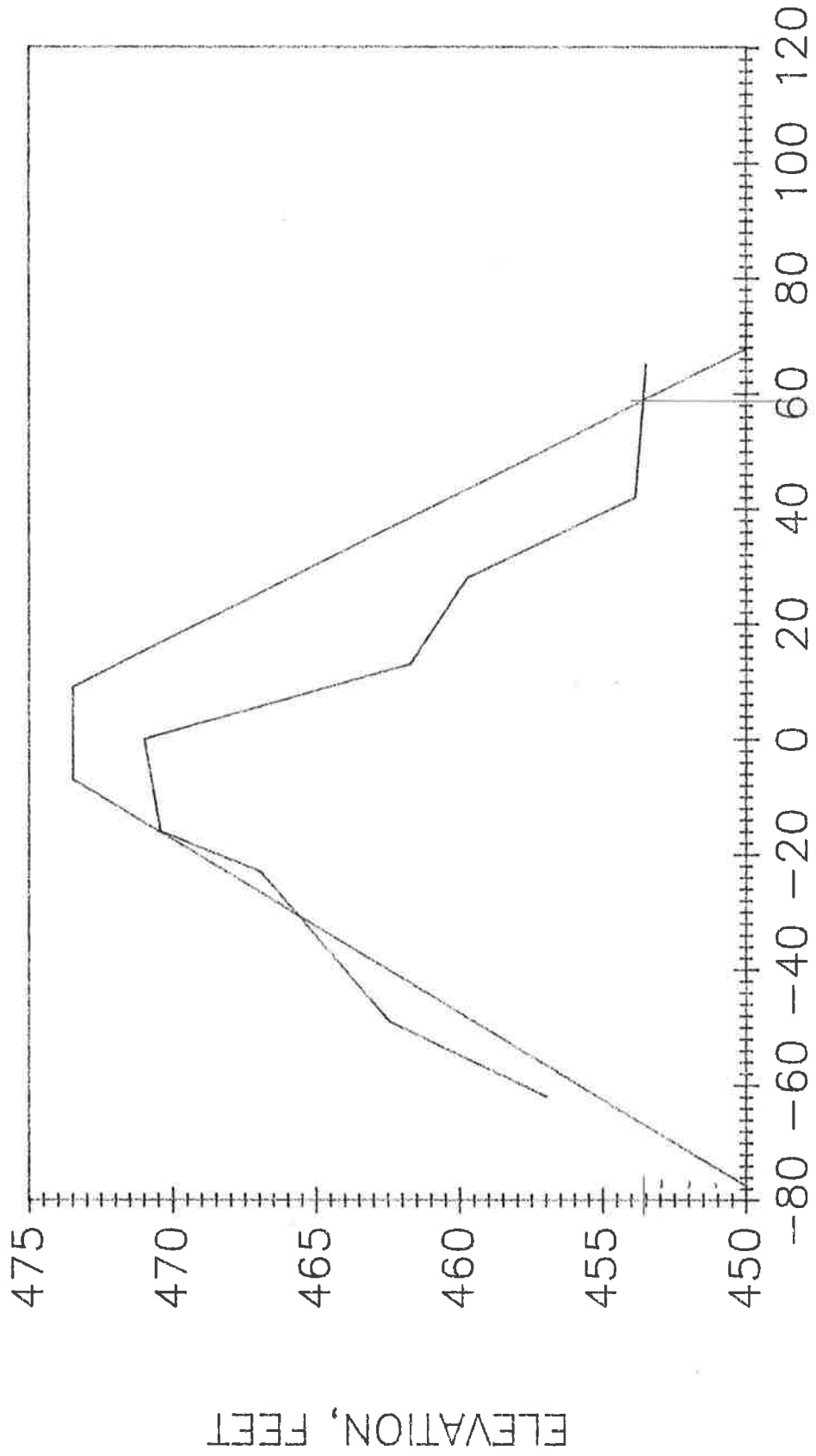
DISTANCE FROM CENTERLINE, FEET

10 + 00



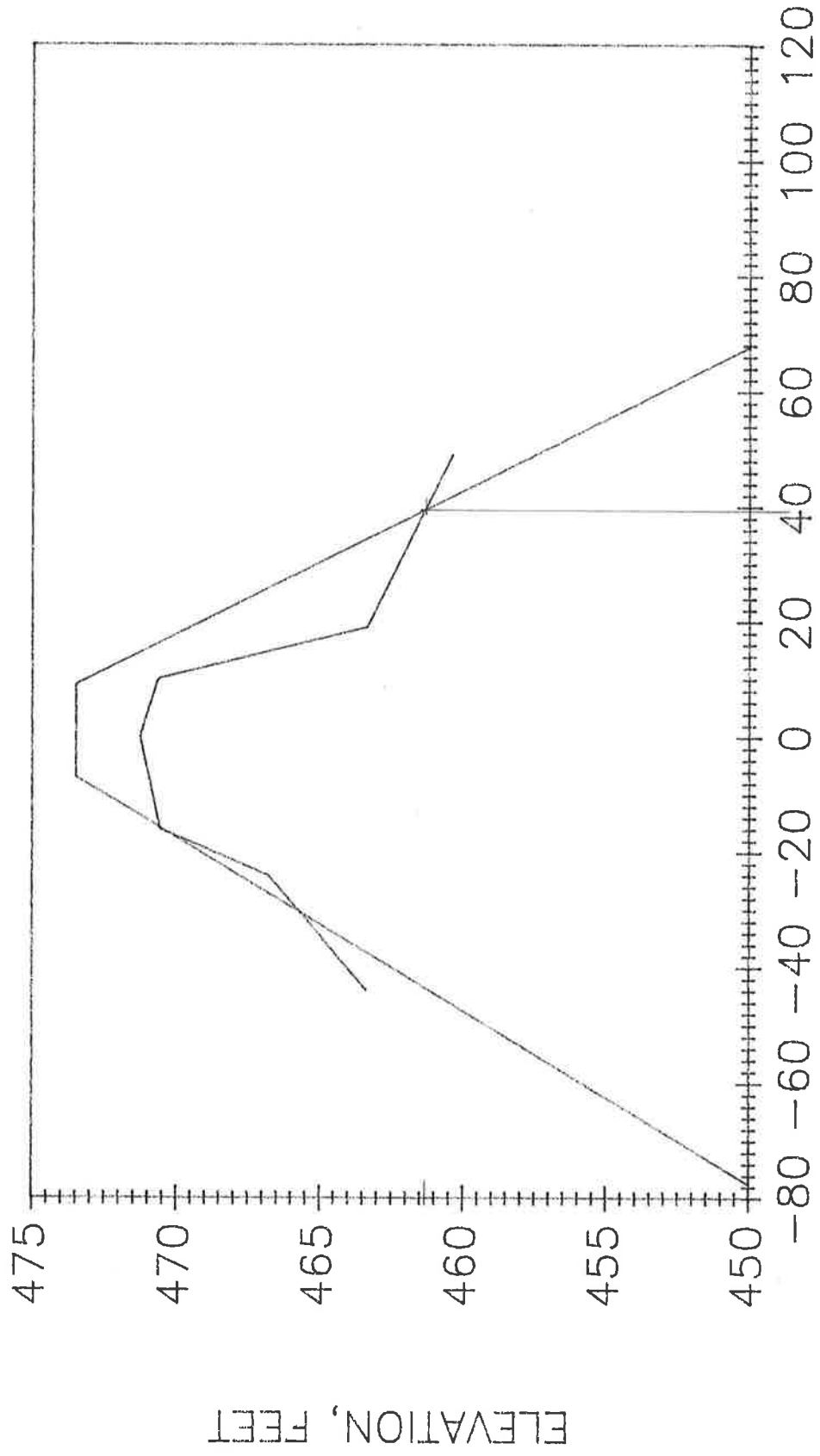
DISTANCE FROM CENTERLINE, FEET

10 + 16



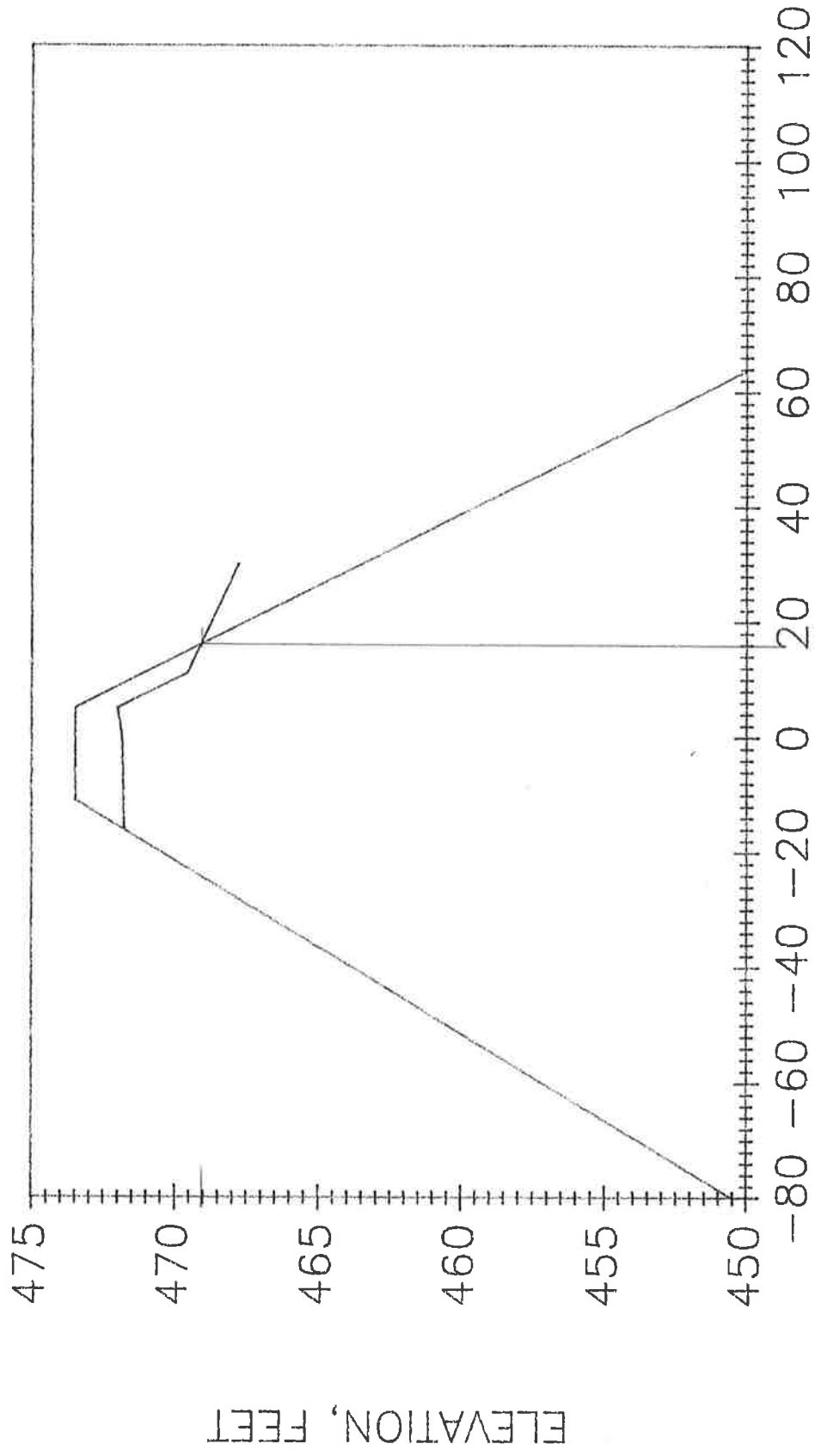
DISTANCE FROM CENTERLINE, FEET

10 + 50



DISTANCE FROM CENTERLINE, FEET

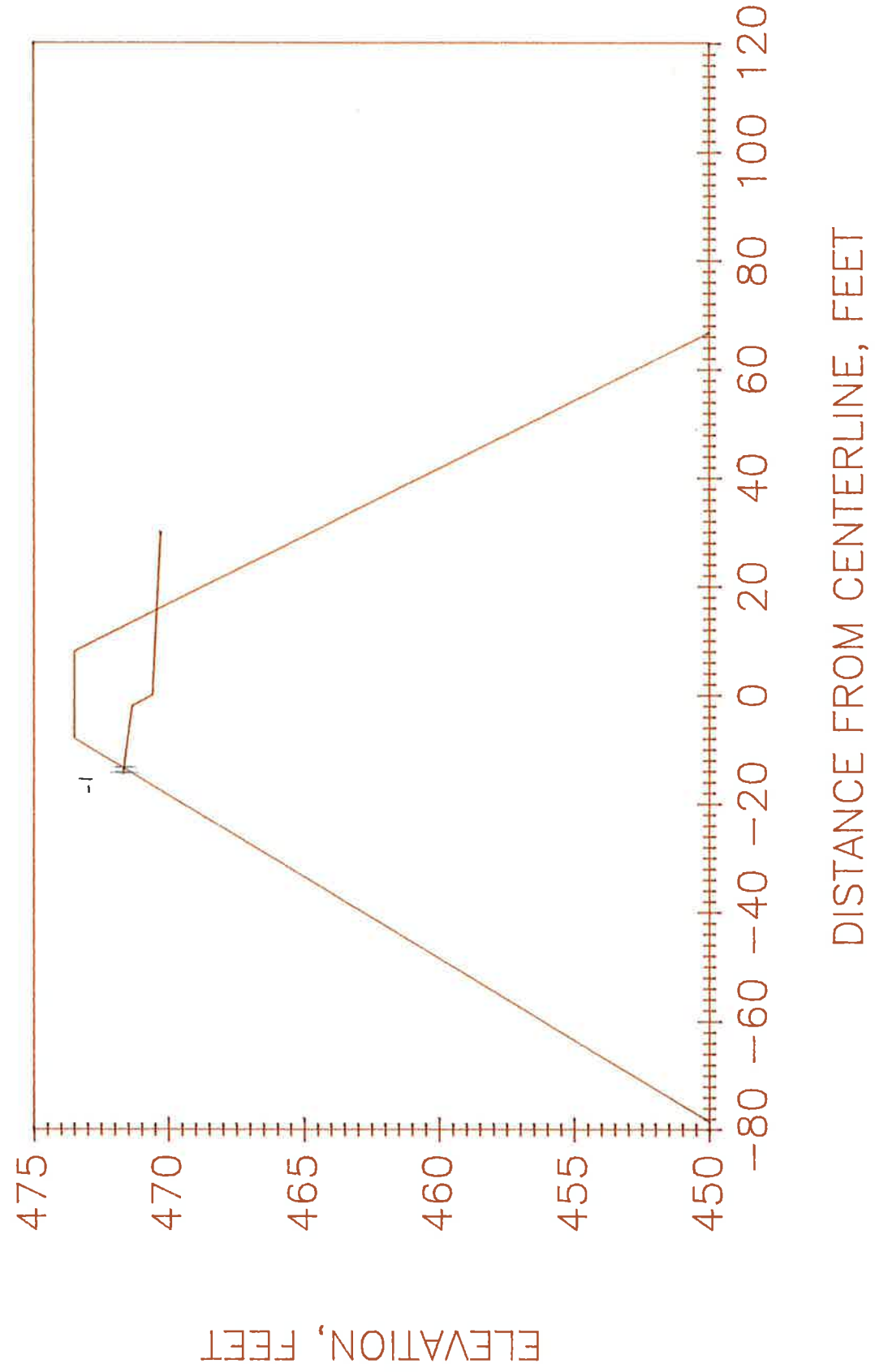
11 + 00



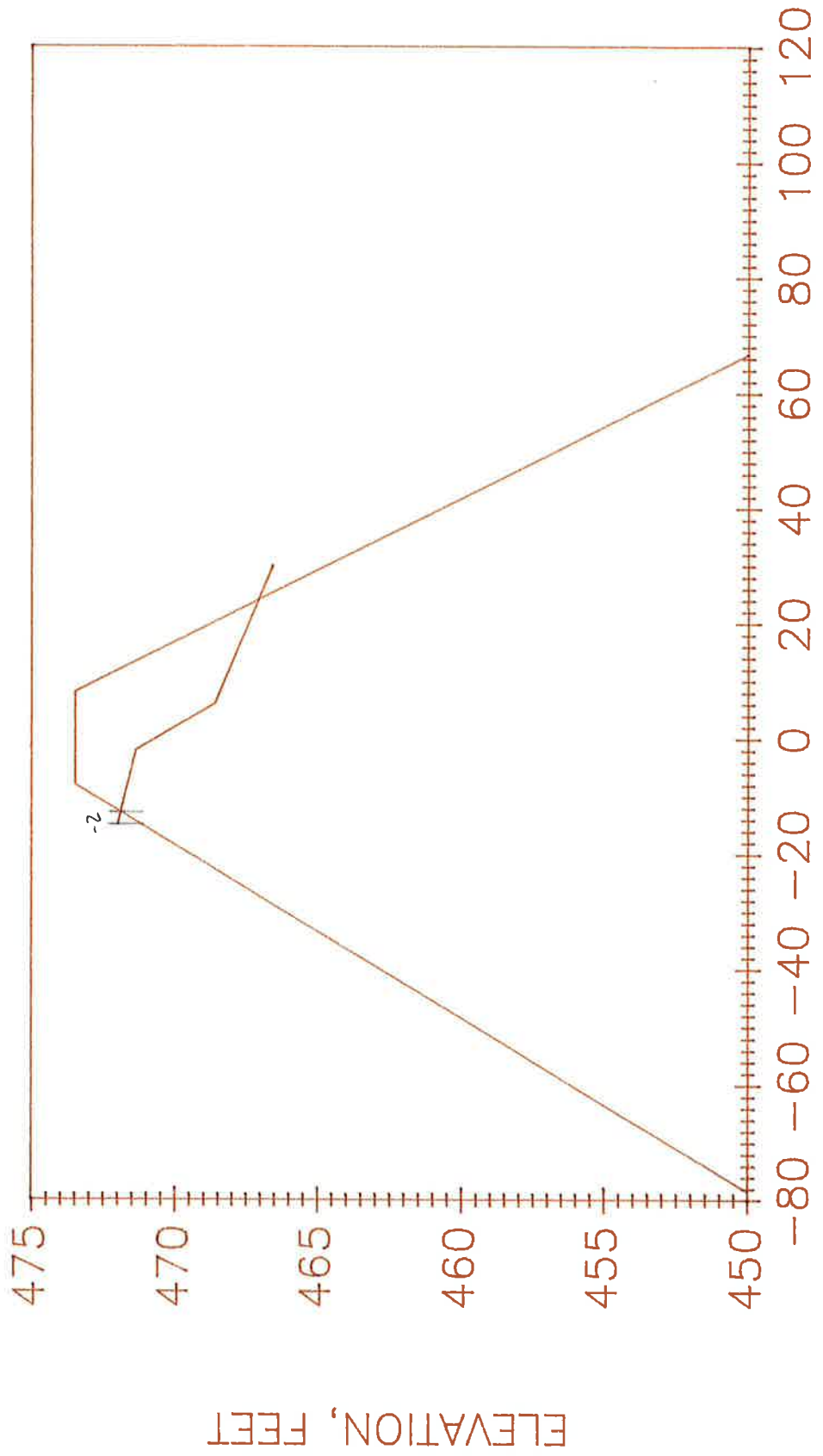
DISTANCE FROM CENTERLINE, FEET

5/16/88
before adjustments
to C-L

4 + 00

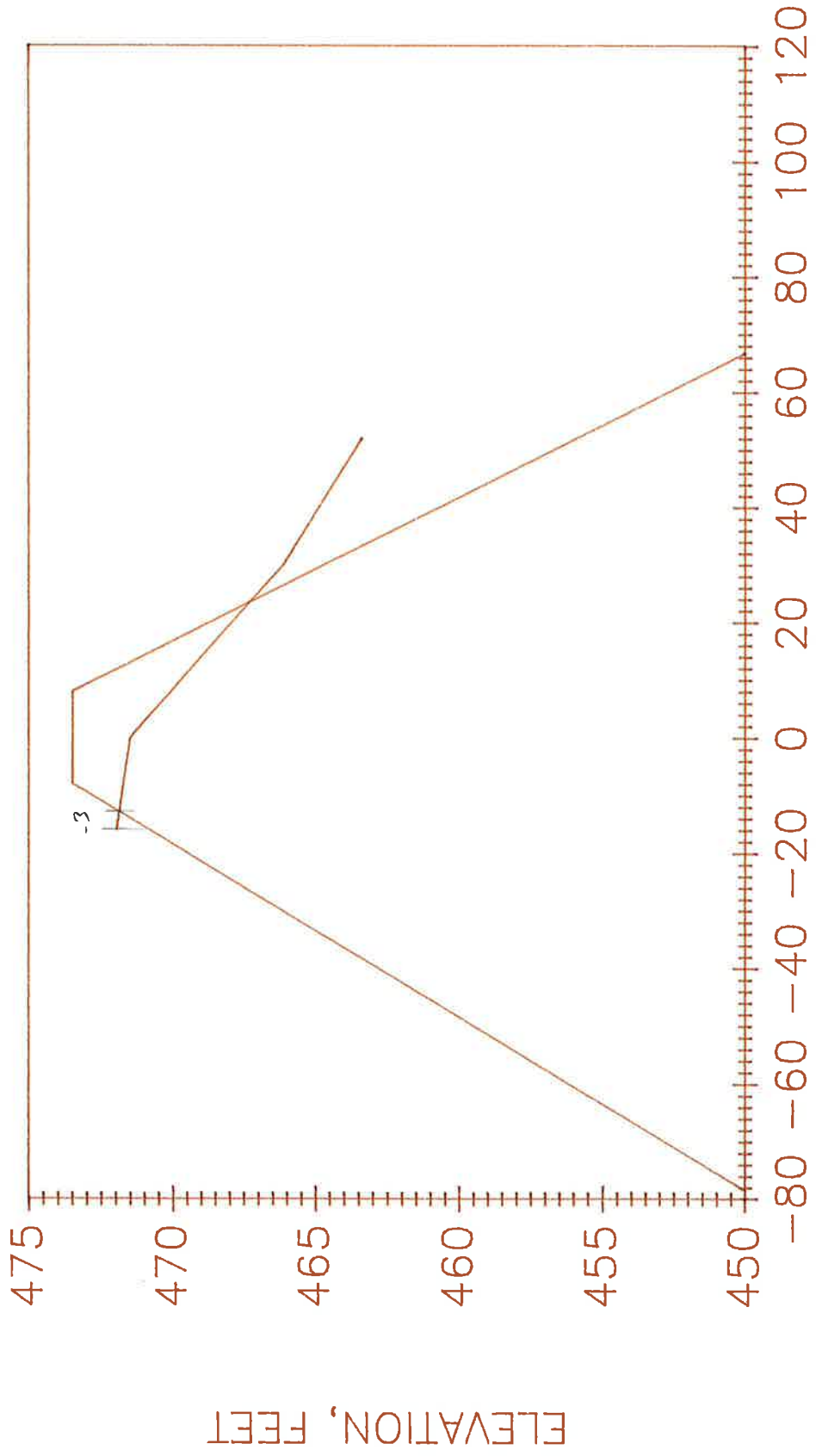


5 + 00



DISTANCE FROM CENTERLINE, FEET

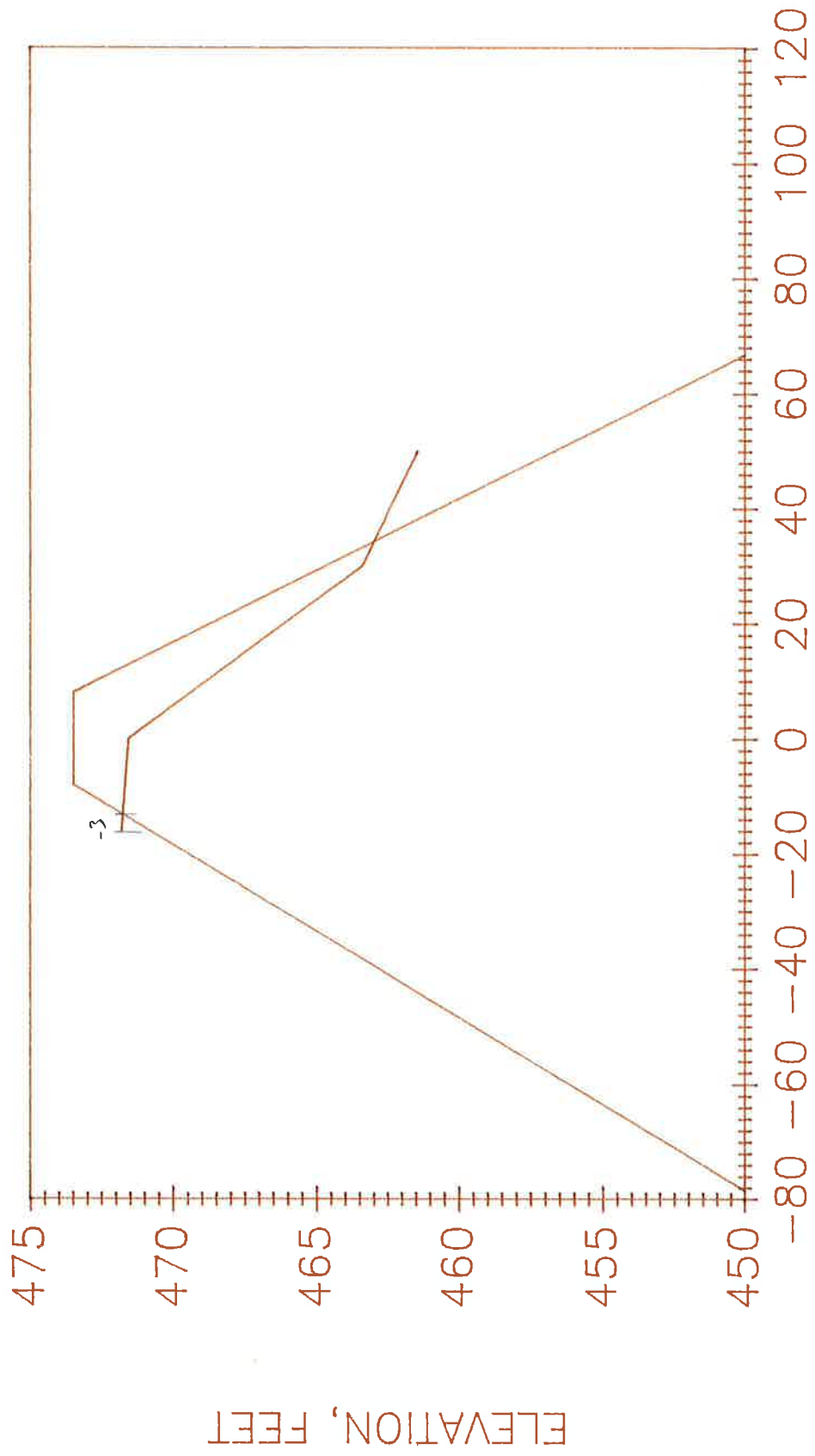
6 + 00



ELEVATION, FEET

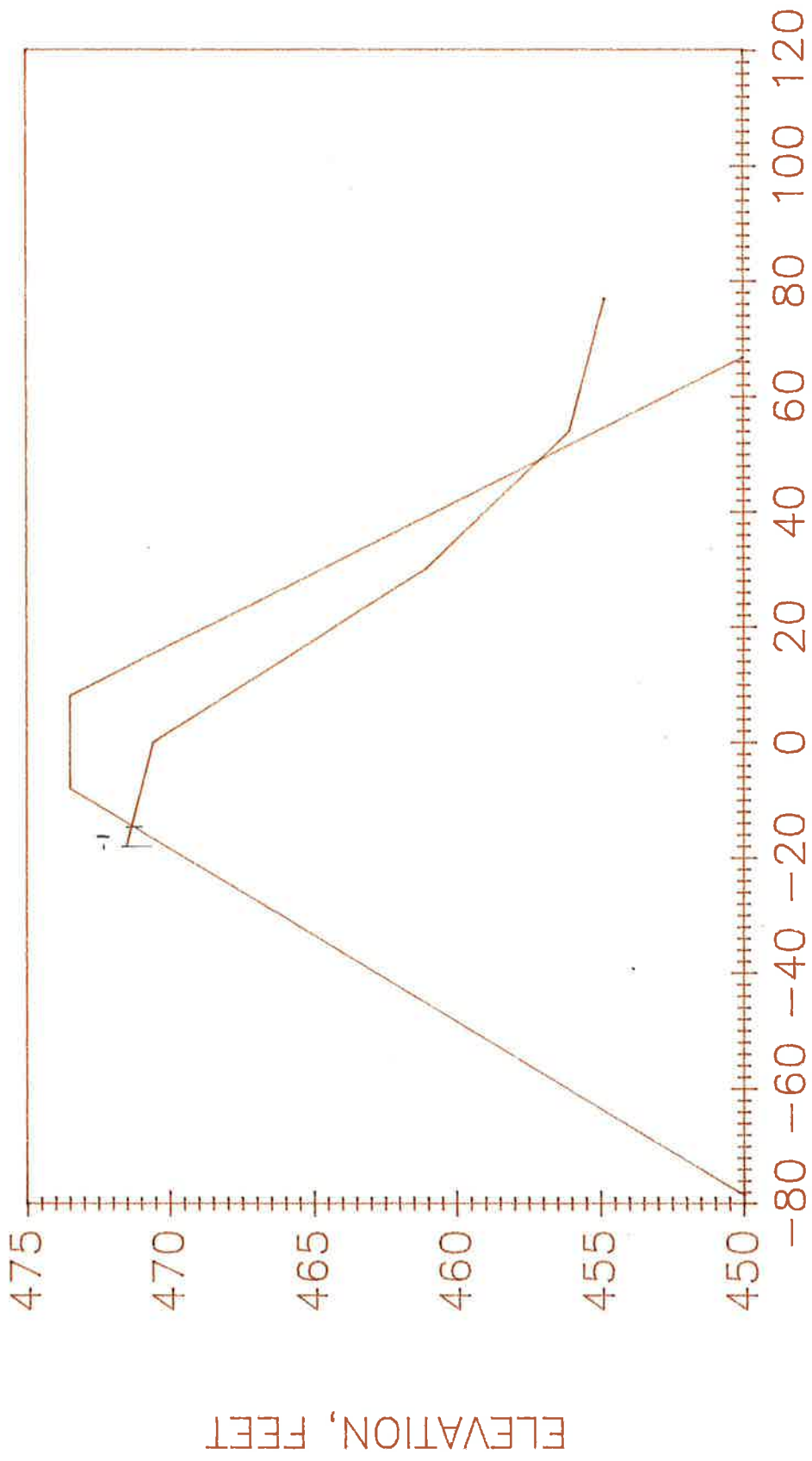
DISTANCE FROM CENTERLINE, FEET

6 + 50



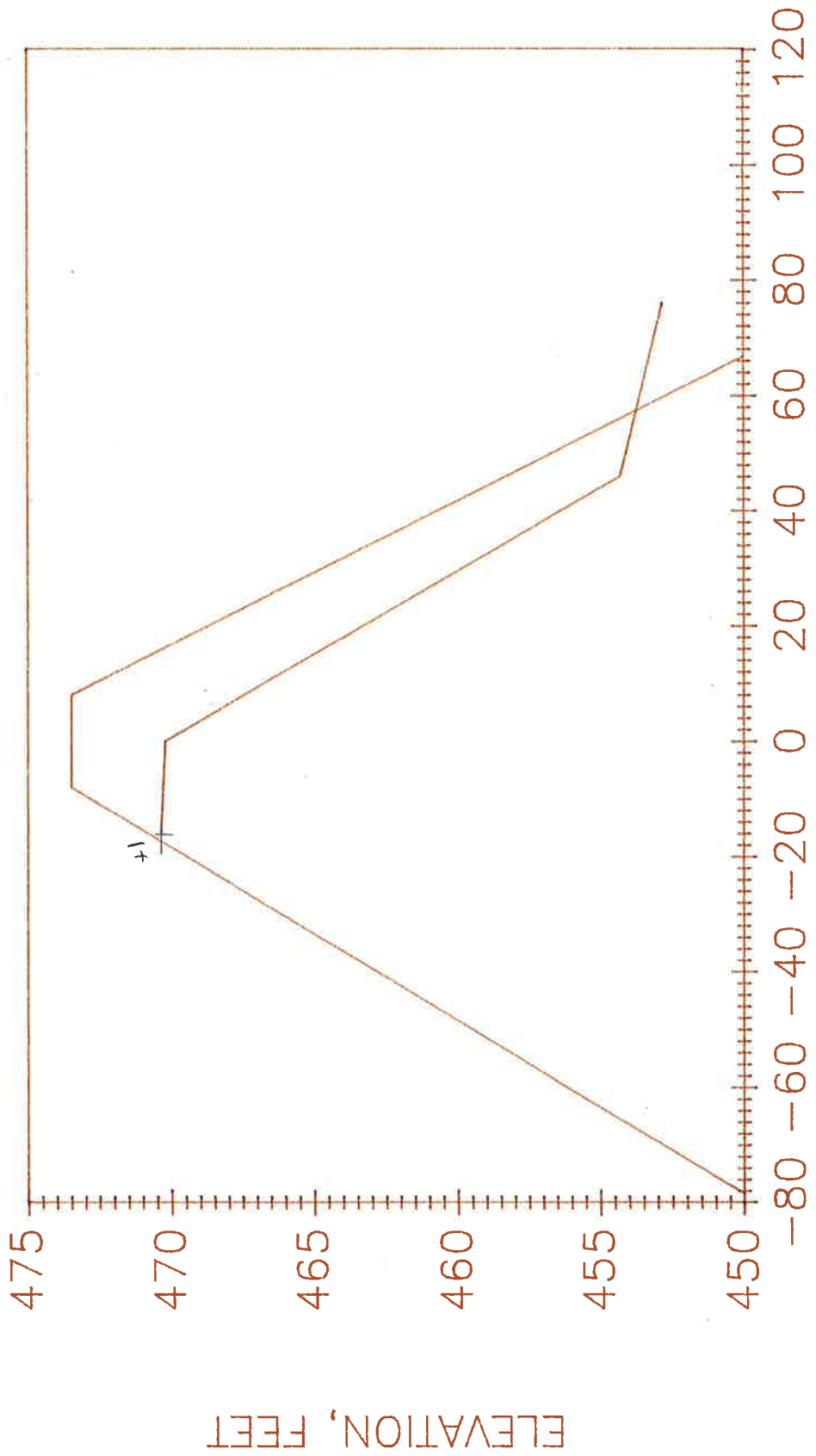
DISTANCE FROM CENTERLINE, FEET

7 + 00



DISTANCE FROM CENTERLINE, FEET

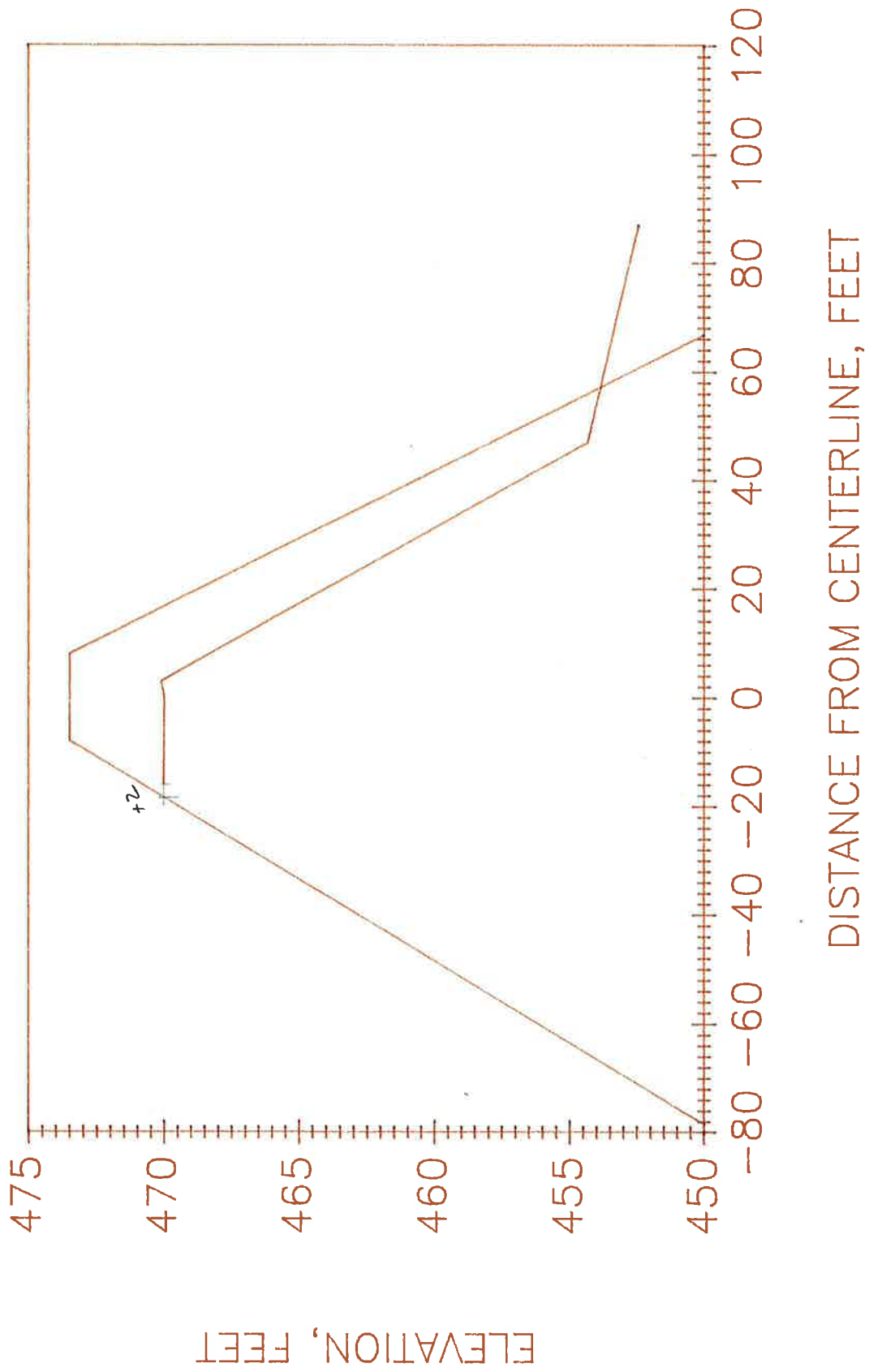
7 + 50



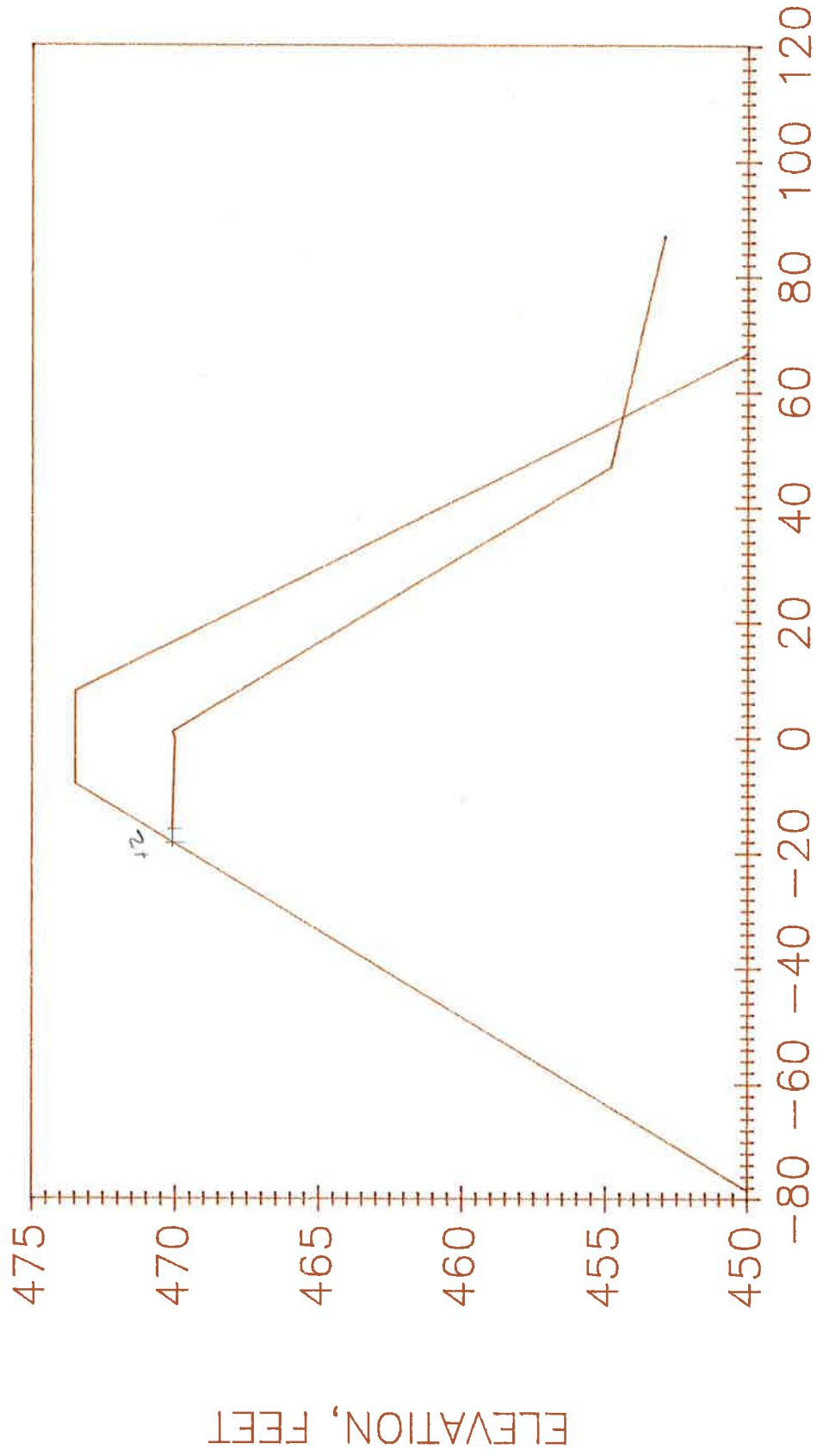
DISTANCE FROM CENTERLINE, FEET

ELEVATION, FEET

8 + 00



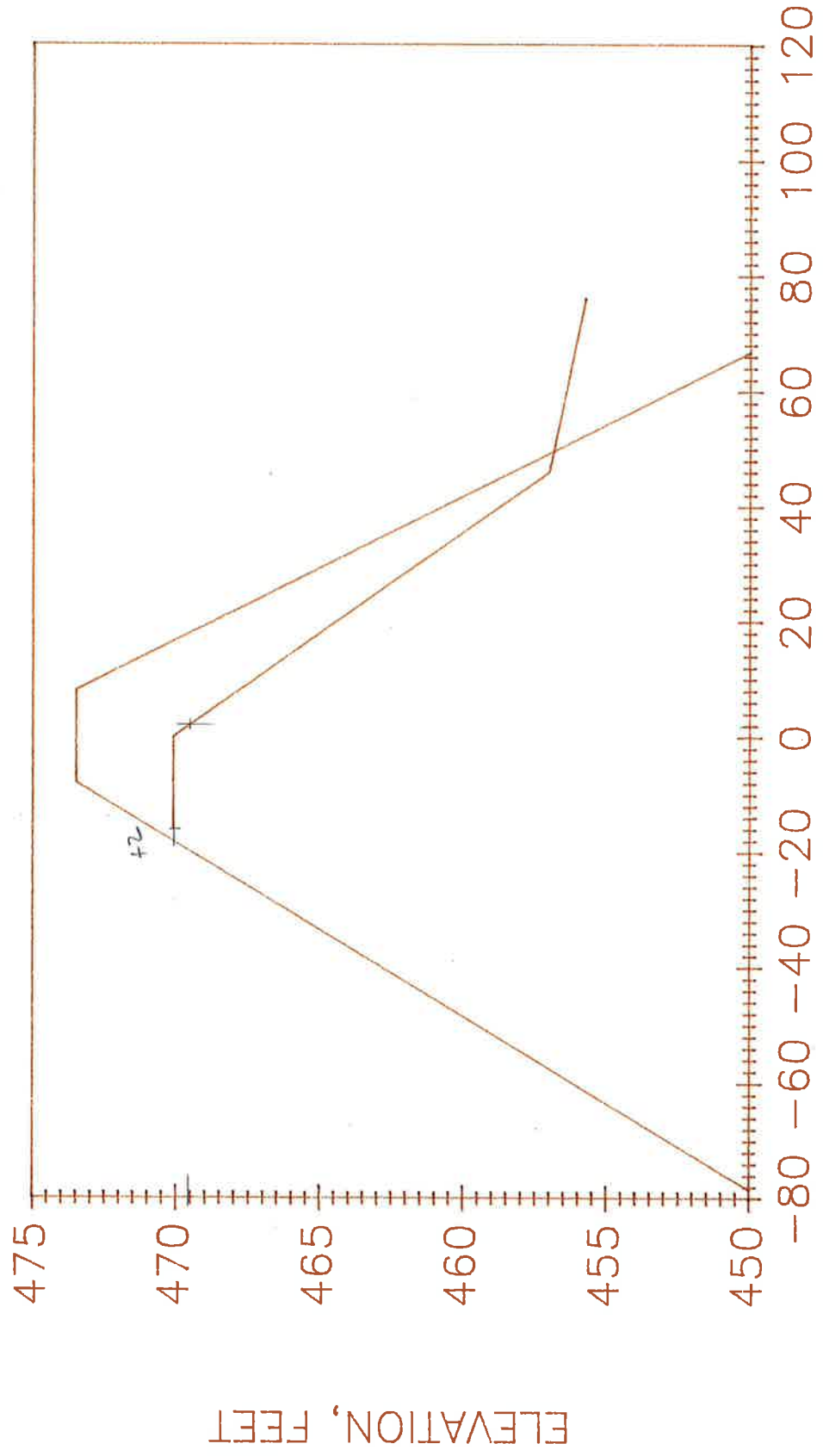
8 + 50



DISTANCE FROM CENTERLINE, FEET

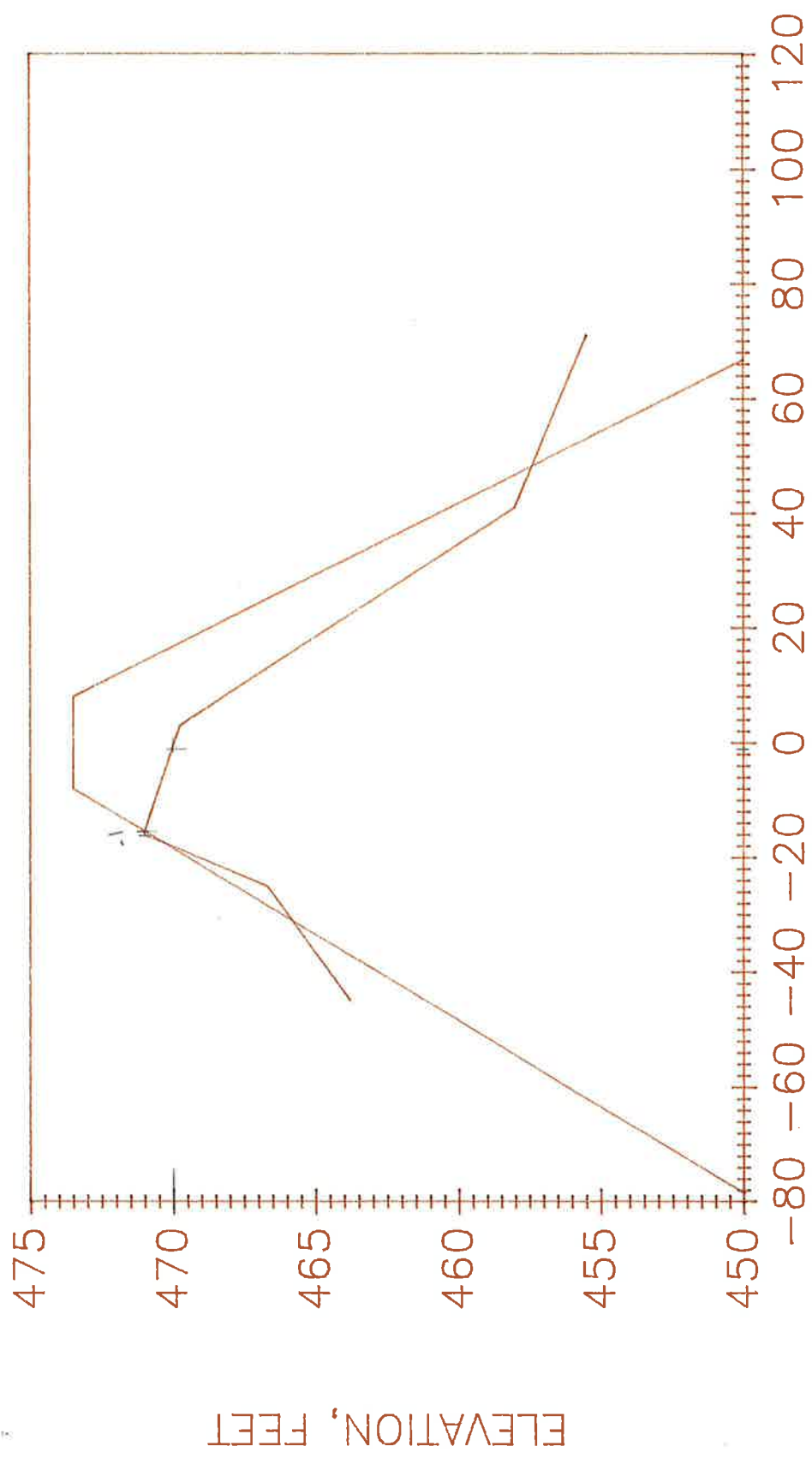
ELEVATION, FEET

9 + 00



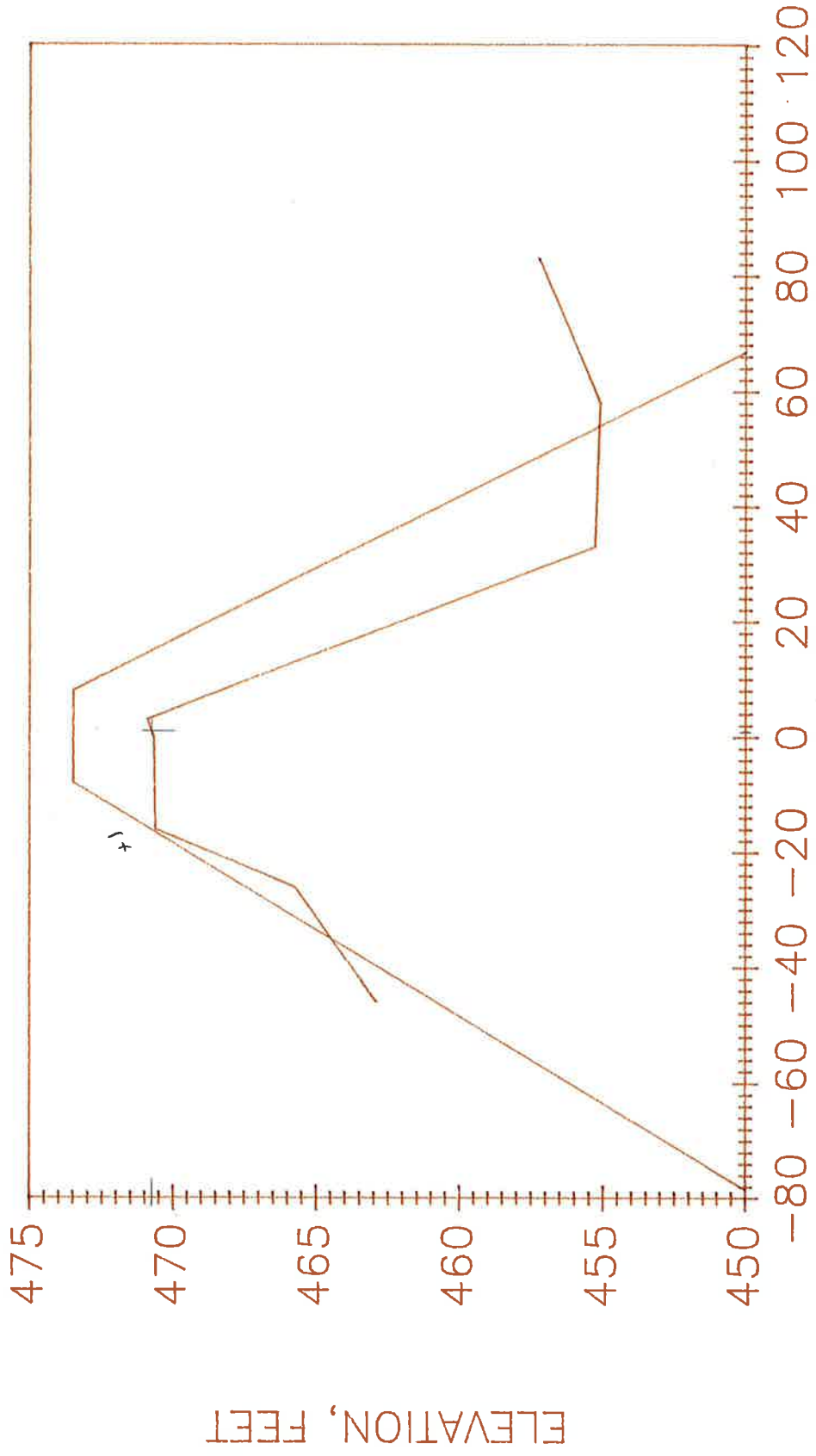
DISTANCE FROM CENTERLINE, FEET

9 + 50



DISTANCE FROM CENTERLINE, FEET

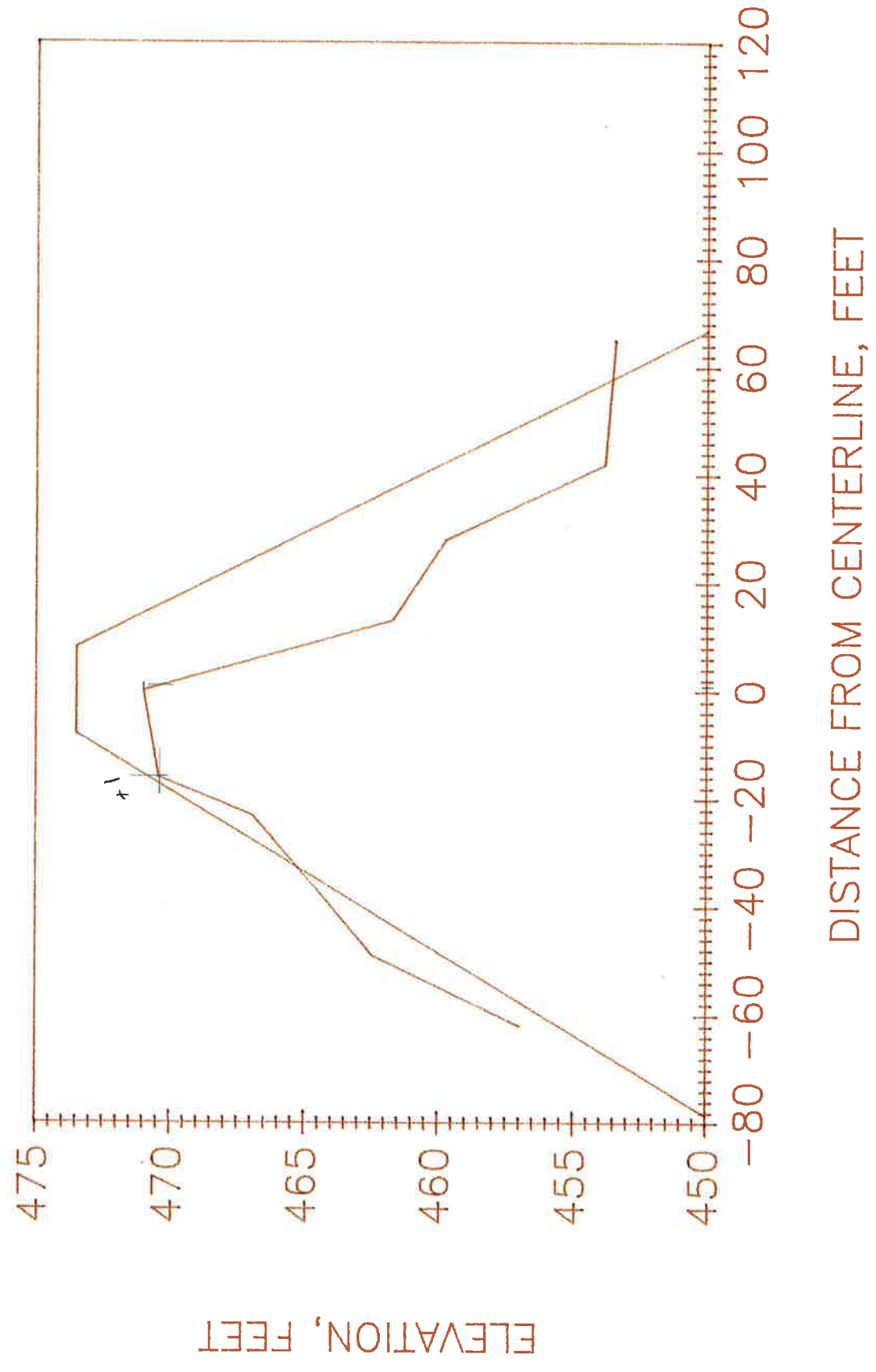
10 + 00



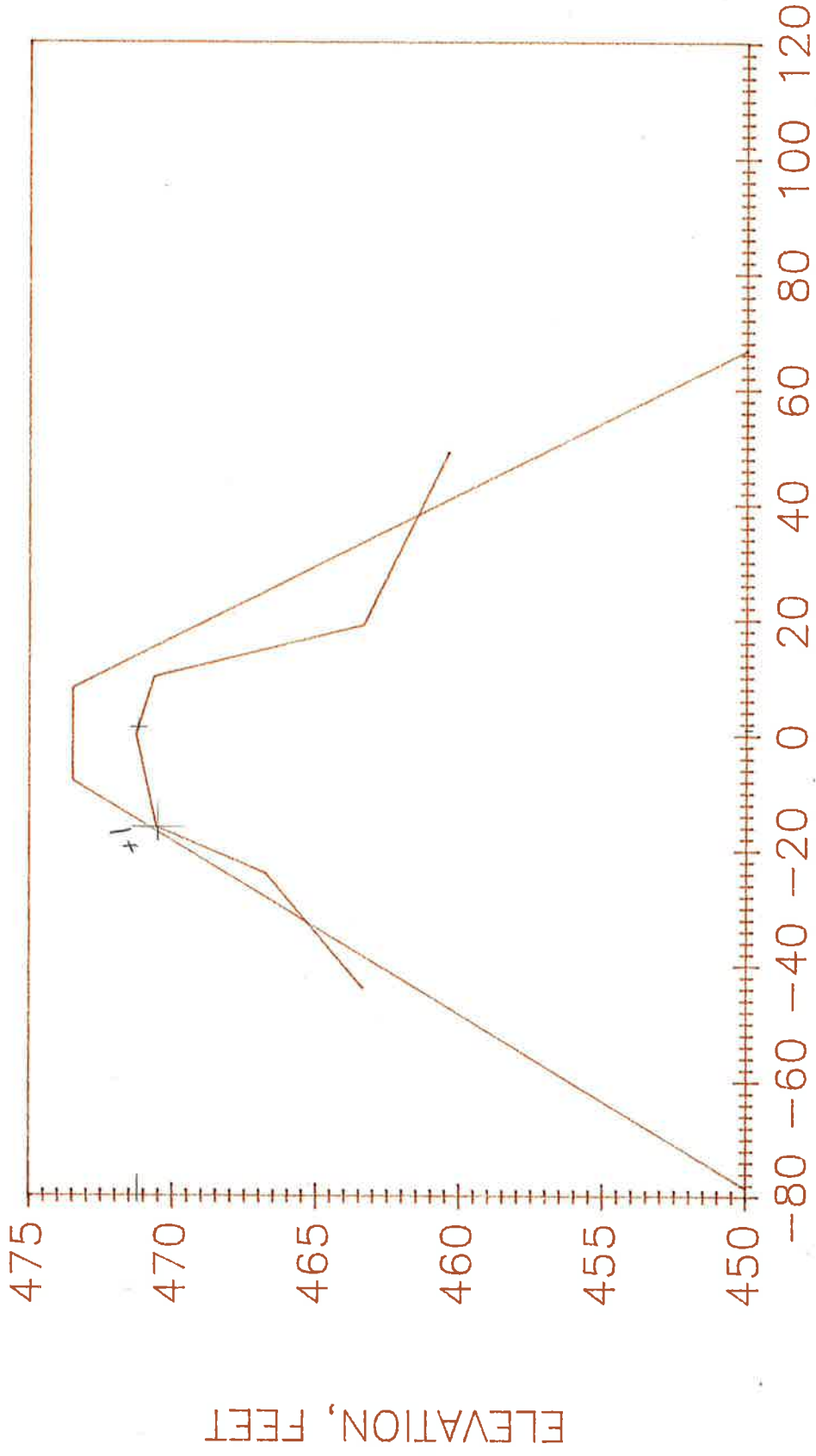
DISTANCE FROM CENTERLINE, FEET

ELEVATION, FEET

10 + 16



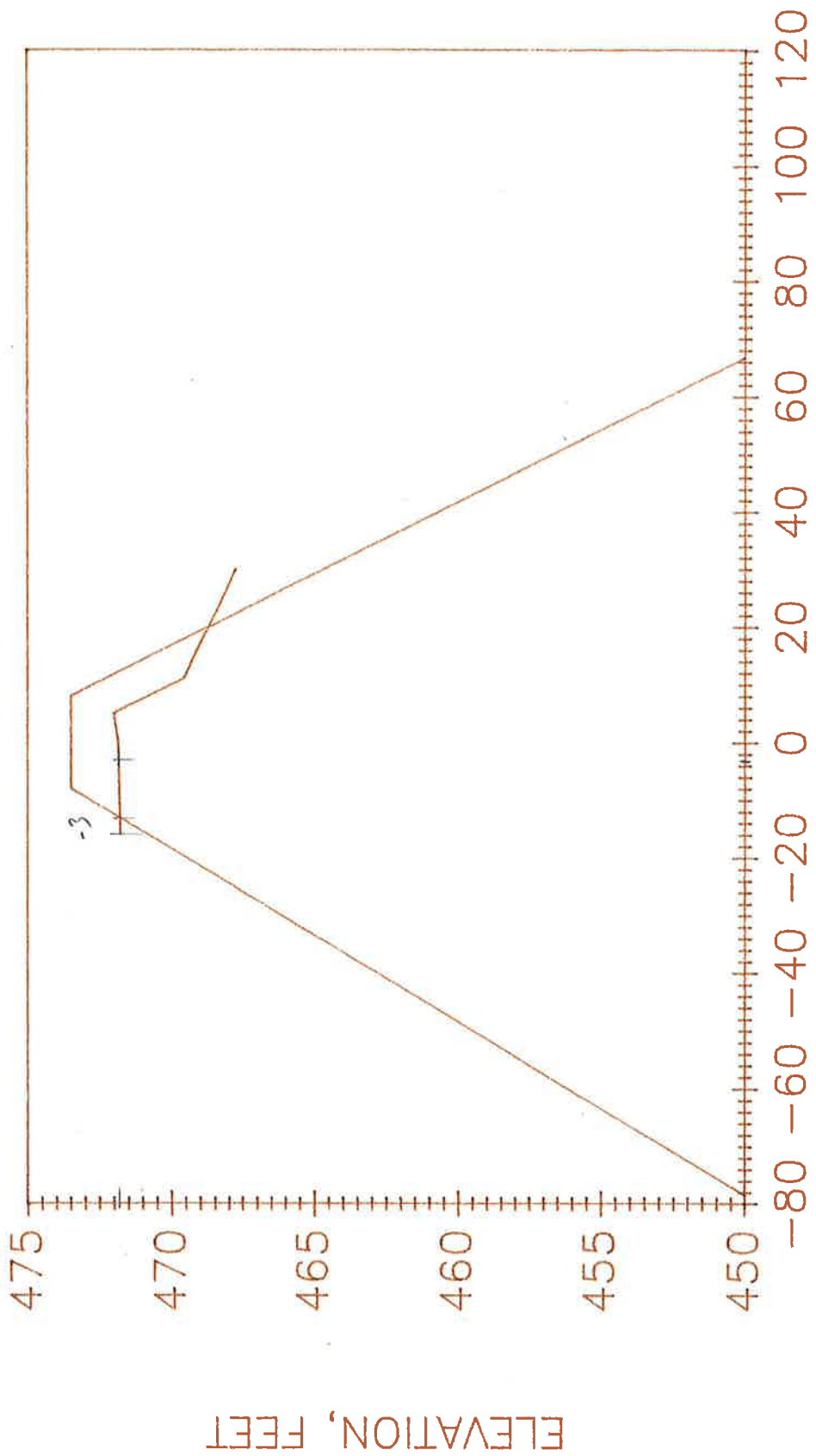
10 + 50



DISTANCE FROM CENTERLINE, FEET

ELEVATION, FEET

11 + 00



ELEVATION, FEET

DISTANCE FROM CENTERLINE, FEET