

5/16/88

# 1. Enter & Plot Dam Profile

	C L	Toe	New Dam
00	473. <del>50</del> <sup>46</sup>	473.50	473.50
100	469.08	469.10	↓
200	468.77	468.75	
300	471.27	470.90	
400	471.00	470.50	
500	471.35	467.30	
600	471.60	468.25	
650	471.60	467.30	
700	470.60	457.50	
750	469.80	453.70	
800	470.0	453.70	
850	469.8	454.3	
900	469.6	456.8	
950	470.0	457.5	
1000	470.75	455.2	
1016	471.0	453.8	
1050	471.2	461.3	
1100	471.8	469.0	
1191	473.52	473.50	473.50

COMPUTATION SHEET

BY DJO	DATE 1/12/88	PROJECT Lake 17	SHEET 1 OF 5
CHKD BY	DATE	FEATURE Existing Dam Profiles	
DETAILS			

8+3xZ

Station	left	Center	right
1+00	12, 469 65, 468.50	0, 469.11	54, 469.50
2+00	24, 468	0, 468.38	10, 468.50 25, 468.62
3+00	26, 470	0, 470.57	20, 470.77
4+00	20, 471.74	0, 471.74	20, 471.74
5+00	5 472 9 471 12 70 15 69 18 68	0, 471.5	→ 7
6+00	13 72 16 71 19 70 22 69	0, 471.5	4 71 11 70 19 69 27 68
6+50	16 71 20 70 25 69	0, 470.5	6 70 9 69 14 68 19 67 24 66 31 65 38 64 47 63
7+00	16 470 20 69 24 68 27 67	0, 470.5	4 70 7 69 11 68 14 67 18 66 22 65 28 64 33 63 39 62 45 61 51 60 55 459
			→ 3

COMPUTATION SHEET

BY	DATE	PROJECT	SHEET <u>2</u> OF <u>5</u>
CHKD BY	DATE	FEATURE	
DETAILS			

Station	Left	Center	Right
7450	14, 470	0, 470.5	1 - 470
	16 69		5 69 → 5
	19 68		8 - 68
	21 67		11 67
			14 - 66
			17 65
			20 - 64
			23 63
			27 - 62
			31 61
			35 - 60
			39 59
			43 - 58
			47 57
			53 - 56
			57 - 455

8400	13 470	0, 470.5	5 - 69
	15 69		8 68 → 5
	17 68		12 - 67
	19 67		15 66
			18 - 65
			21 64
			24 - 63
			27 62
			31 - 61
			35 60
			39 - 59
			42 58
			46 - 57
			50 56
			54 - 55
			61 - 54
			<del>66</del> - 453

COMPUTATION SHEET

BY	DATE	PROJECT	SHEET <u>3</u> OF <u>5</u>
CHKD BY	DATE	FEATURE	
DETAILS			

Station	Left	Center	Right
8+50	11 470	0,470.50	3- 70
	14 69		8 69
	16 68		11- 68 → 8
			15 67
			18- 66
			21 65
			24- 64
			27 63
			30- 62
			34 61
			37- 60
			41 59
			45- 58
			49 57
			52- 56
			57- 55
			73- 54
			98- 453

9+00	7 470	0,470.5	9- 70
	9 69		13 69
	13 68		16- 68 → 10 11
			19 67
			23- 66
			26 65
			29- 64
			32 63
			35- 62
			40 61
			44- 60
			48 59
			53- 58
			57- 57
			63- 56
			73- 55
			93 454

COMPUTATION SHEET

BY	DATE	PROJECT	SHEET <u>4</u> OF <u>5</u>
CHKD BY	DATE	FEATURE	
DETAILS			

Station	Left	Center	Right
9+50	15 470	0,470.5	6 - 470
	19 69		9 69
	24 68		11 - 68
	28 67		14 67
	32 66		16 - 66
	38 65		18 65
	44 64		21 - 64
	52 463		24 63
			28 - 62
			33 61
			38 - 60
			42 - 59
			46 <del>58</del> 58
			51 65 - 57
			61 <del>56</del> 456
			70 455
			82 454
10+10	7 470	0,470.5	10 - 70
	9 69		11 69
	13 68		13 - 68
	15 67		15 67
	19 66		17 - 66
	23 65		19 65
	30 464		21 - 64
			23 63
			30 - 62
			39 61
			47 - 60
			53 - 59 54 454
			54 - 58 100 454
			111 - 457

→ 3

→ 11

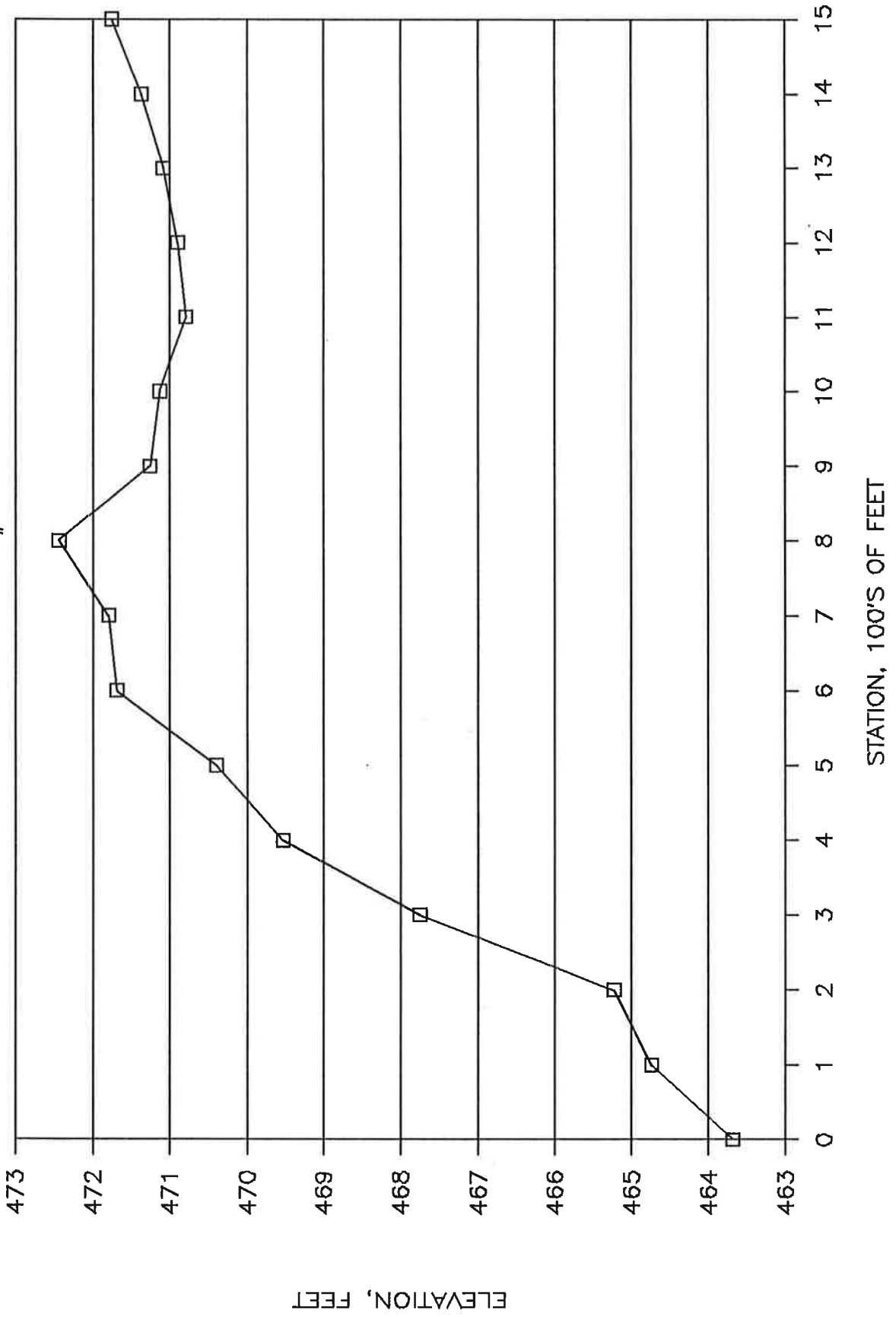
COMPUTATION SHEET

BY	DATE	PROJECT	SHEET <u>5</u> OF <u>5</u>
CHKD BY	DATE	FEATURE	
DETAILS			

Station	Left	Center	Right	
10+50	14 470	0, 470.5	11 - 470	
	18 69		14 69	→ 5
	22 68		18 - 68	
	24 67		21 67	
	28 66		23 - 66	
	35 465		25 65	
	44 464		27 - 64	
			29 63	
			31 - 62	
			33 61	
			35 - 60	
			38 - 459	
11+00	15 470	0, 470.5	14 70	→ 3
	19 69		21 69	
	24 68		28 68	
	32 67		33 67	
	41 66		36 466	
	51 65			
	61 464			
11+50	20, 472	0, 472.65	20, 472	
11+80	0 0	0 0	0 0	
10+30	14 470	0, 470.5	9 70	
	16 69		14 68	
	19 68		19 66	
	21 67		22 64	
	24 66		27 62	
	29 65		32 61	
	38 64		41 60	
	45 63.06		49 59	
	57 53.77		50 54.30	
				-78.50
				-67.50 450.00
				-8 3.00 473.50
				8 19.00 11
				667 27.75 450.00

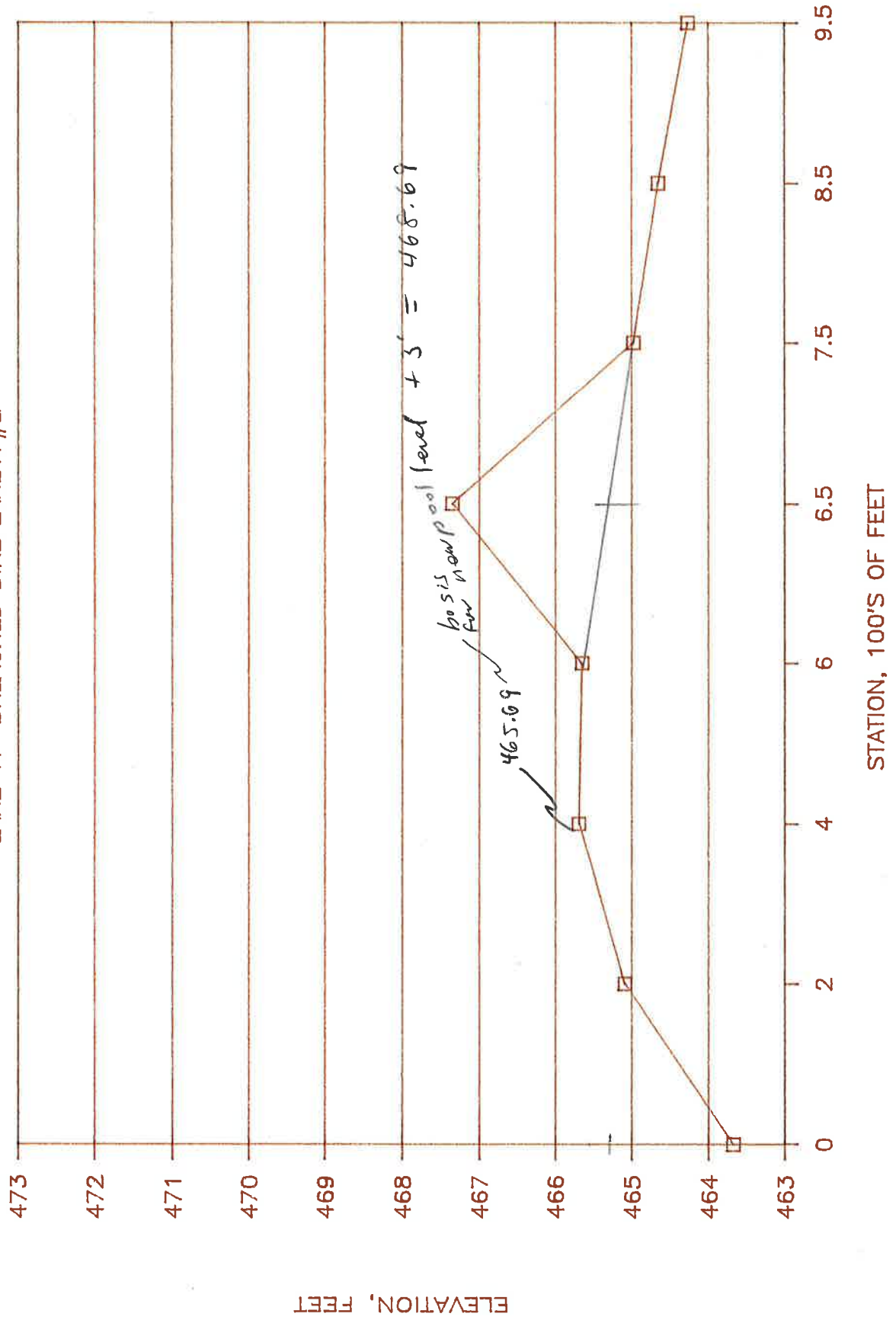
# APPROXIMATE PROFILE OF NORTH INLET

LAKE 17 LAKE17#1



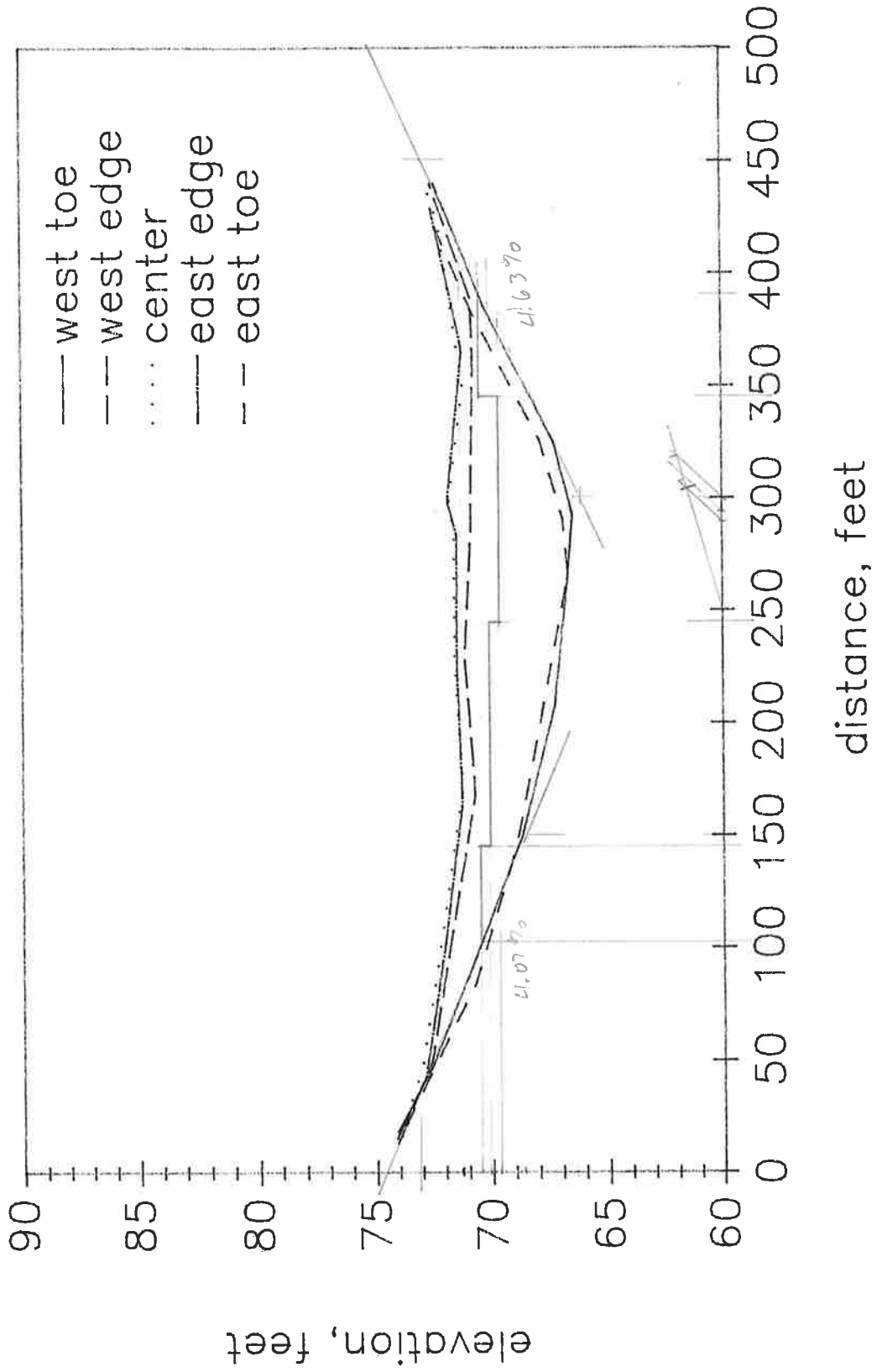
# APPROXIMATE PROFILE OF EAST SPILLWAY

LAKE 17-BREACHED DIKE LAKE17#2





# lake 17 east dike profile



Solid

long dashed

dotted

w. toe

w. edge

center

Dist	EI	Dist.	EI.	Dist.	EI.
0	-	0	-	0	-
18	74.10	13	74.11	16	73.96
47	72.59	50	72.58	48	72.99
91	70.84	108	71.64	110	72.04
149	68.69	168	70.68	170	71.21
208	67.26	228	71.12	228	71.54
264	66.70	285	70.8	285	71.53
293	66.48	299	70.81	297	71.77
325	67.28	362	70.69	349	71.13
385	70.22	389	70.80	421	72.13
440	72.33	440	72.50	442	72.76

71.54

70.94

dash-dot

med. dash

E edge

E top

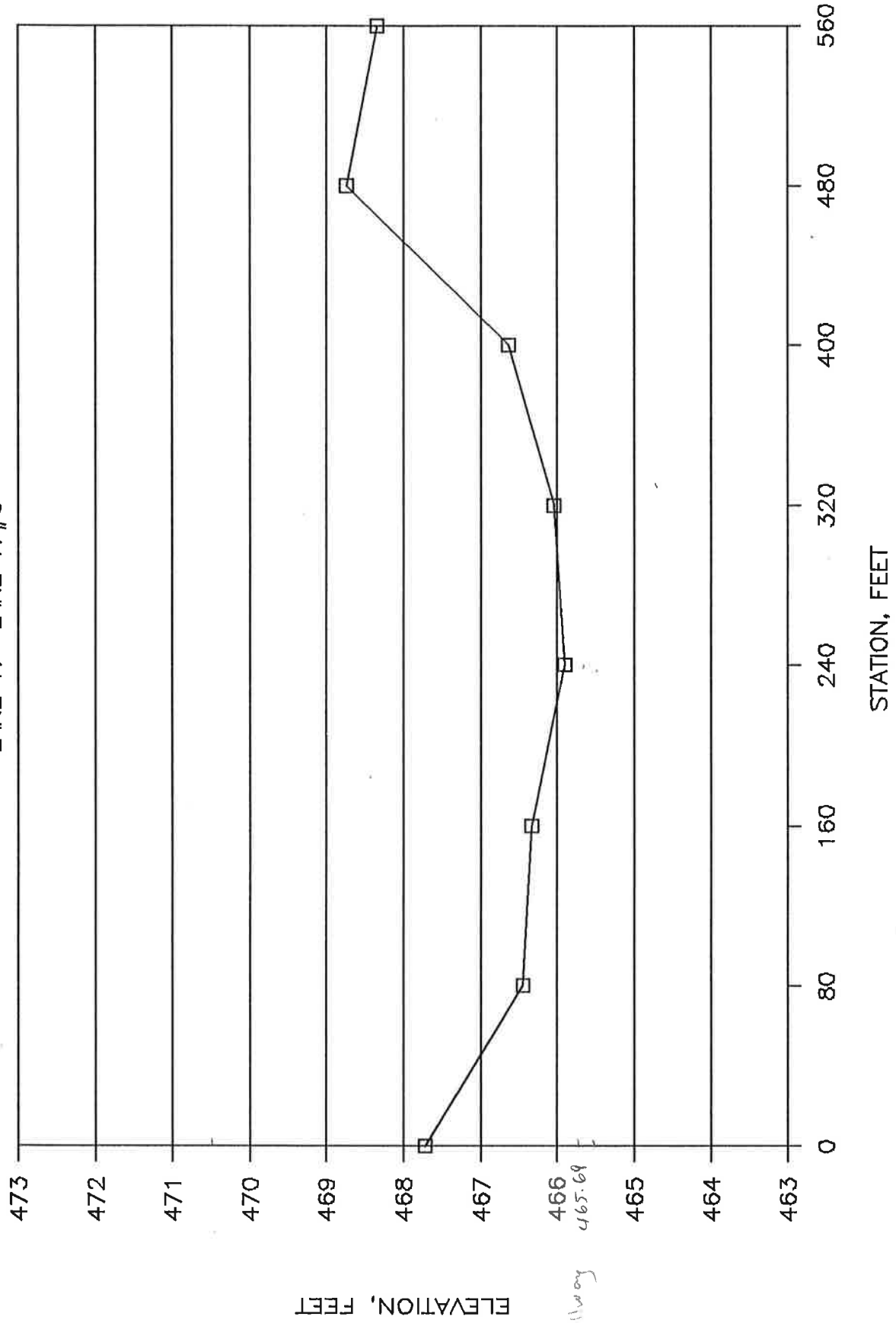
Dist	EI.	Dist.	EI.
0	-	0	-
15	74.16	21	73.76
43	72.85	84	70.70
102	71.97	141	68.94
163	71.23	203	67.83
224	71.45	265	66.69
283	71.42	291	66.91
298	71.82	326	67.88
365	71.15	383	70.75
429	72.47	427	72.51

71.51

A.V. = 471.33 for w.e. & center.

# APPROXIMATE COFFER DAM PROFILE

LAKE 17 LAKE 17#3



*Eman Spillway sill*