(1)
$$xmin = 150$$
, $xmax = 700$
 $ymin = 300$, $ymax = 500$
Aine segment, $y = -0.4x + 250$
the trange of $x = [100, 250]$
 $y_1 = -0.4 \times 100 + 250 = 220$
 $(x_1, y_1) = (100, 210)$
 $y_2 = -0.4 \times 250 + 250 = 250$
 $(x_2, y_2) = (250, 150)$
 $y_2 = (250, 150)$
 $y_3 = (250, 150)$
 $y_4 = (250, 150)$
 $y_5 = (150, -60)$
Thitially, $y_6 = 0$, $y_6 = 0$

		and the same		tad scan soldly i		
Boundary	N;	NI.D	t	PE/PL	te	te
Left	(-10)	-150	0.33	PE wie	0 .33	1
Right	(ro)	150	4	IPL O	0.33	1
Bottom	(0,-1)	60	~ l·5	PL (04	0133	j= 1.5
Top	(o,1) Here,		- 4.83 tc, the	PE line is	0.33 outside	-1.5 the dip

(2)
$$x_{min} = -40$$

 $y_{min} = -20$
 $y_{max} = 20$
 $y_{max} = 30$

the line is partially inside the elipping window.

ou has bottom bit.

Applying bottom intersection:

$$\chi_1 = \chi_1 + \frac{1}{m} \left(\frac{1}{3} - \frac{1}{3} \right)$$

$$= -10 + \frac{1}{3} \left(-20 + 50 \right)$$

$$P_1$$
 z $(0, -20)$

Now, OCI = 2 OCZ = 2 0000

The elipsed Segment is (0, +20) to (15, 25)

- (3) $\chi_{min} = 120$, $\chi_{min} = 200$, $\chi_{min} = 75$ $\chi_{max} = 450$ $\chi_{max} = 600$ $\chi_{max} = 350$
 - (a) (100,250,150) FNABRL 000001
 - (b) (400,700,250) FNABRL 001000
 - (e) (180,190,50) FNABRL 000100
 - (d) (500,450,375) FNA BRL 100010