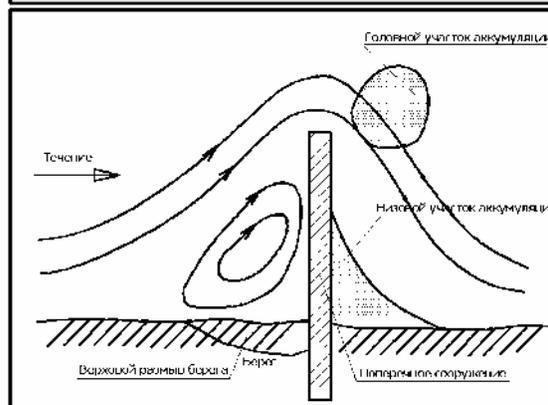
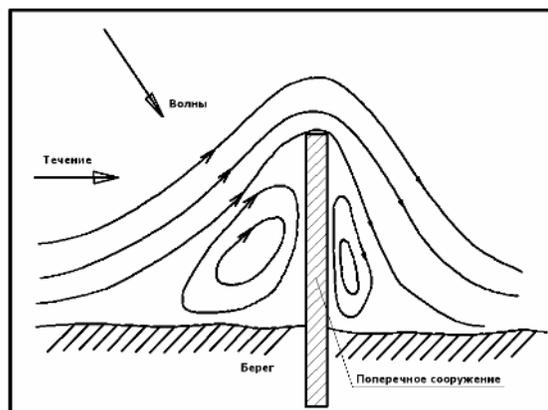


e-mail: ktk99@mail.ru

1



.1.

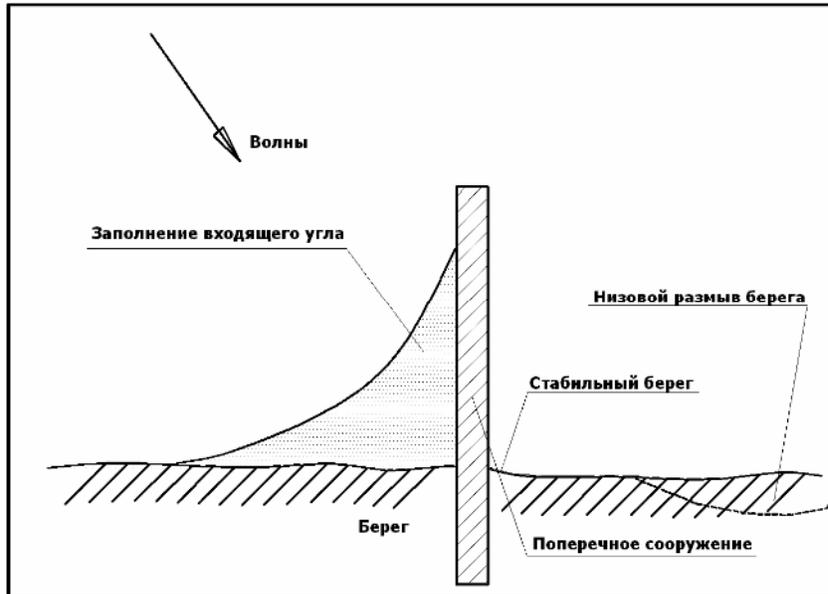
()

()

(), 1/5 .1.

(). , « »
« » , (.1).
()

(.2).



.2.

1.

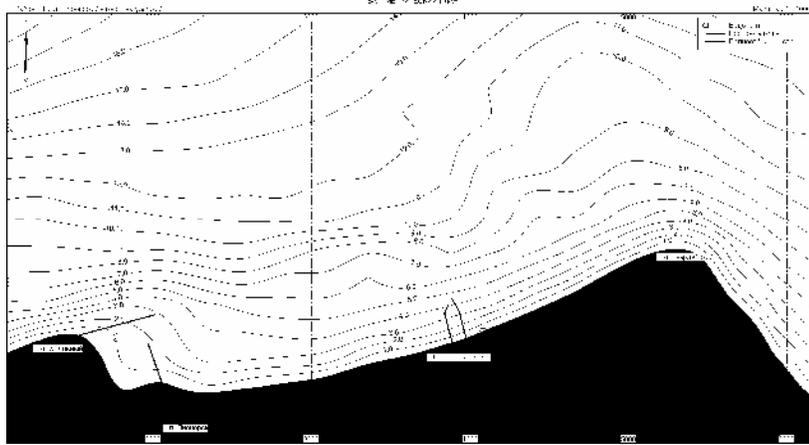
2.

3.

4.

5.

(.3).



.3.

1.

1.

()	/ -	,	,	,	,
(5%)					
340 ()	2.3/1.5	4.6	10.1	67	10
0 ()	2.3/1.5	4.6	10.1	67	0
- 10%					
336.0	3.5/3.0	4.5	10.1	65	90

30 . 3/ .

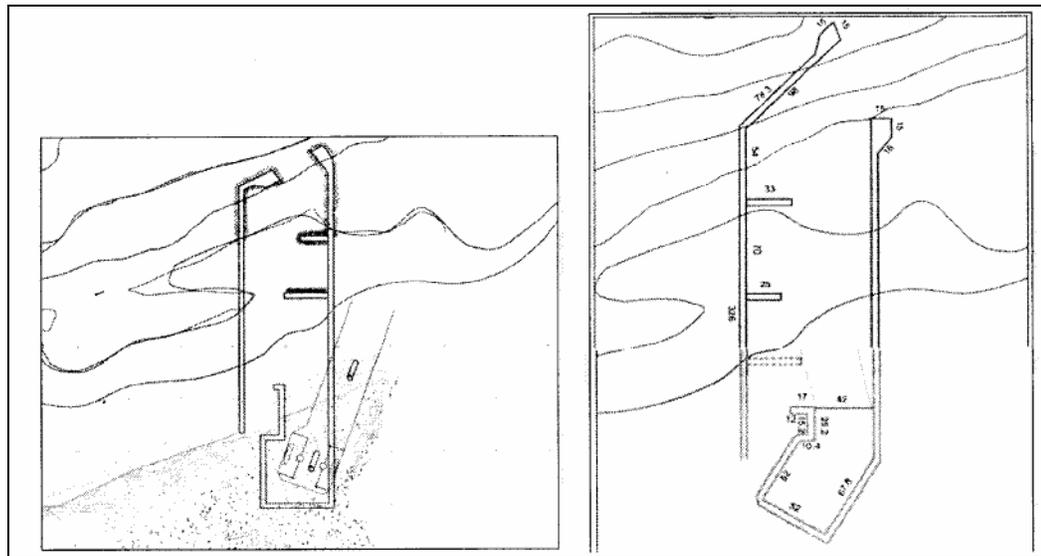
()

5 .

3/ .

105 ($\frac{3}{3}$) 25 ($\frac{3}{3}$) 70 - 90 ($\frac{3}{3}$)

(. 4).



. 4 .

.) -

;)

3.5

(. 1): . 4 . $d = 4.5$, $h = 3.5$, $T = 10$,
 $= 65$. $W = 0.0324$ / . $d =$
 $0.3 = 0.0003$. $= 2650$ / 3 , $r = 0.65$.
 $V = 0.20$ / .

$$V_d = \frac{gh}{2\sqrt{gdch(kd)}} \quad 2.6 \text{ / .}$$

$$Q = (0.2(I+r)/(gW))V_d^3(V_d - V) \cdot 0.016 \text{ }^3/.$$

40

$$Q = 0.66 \text{ }^3/.$$

$$= 8 \quad = 691200 \text{ }.$$

$$W = Q \cdot 115000 \text{ }^3.$$

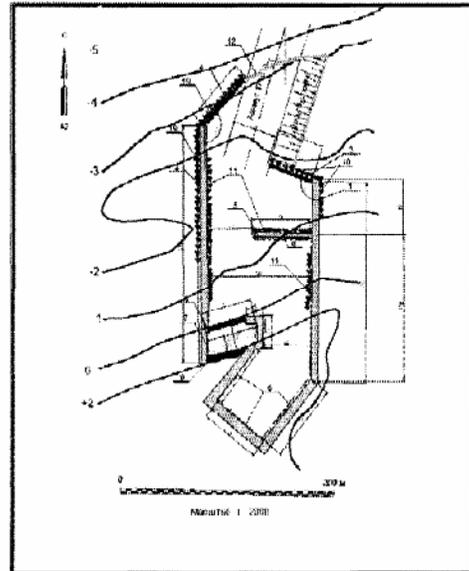
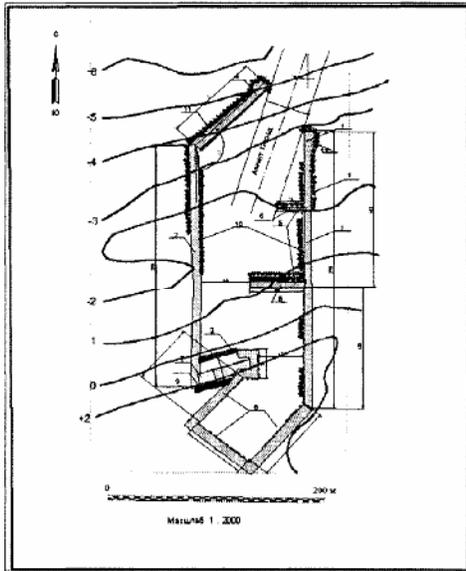
$$S = 300 \cdot 100 = 30000 \text{ }^2$$

$$S_{..} = W/S = 3.8 \text{ }.$$

4).

(.5).

(.5),



.5.

;)

10 %

()

8 .^{3/}