



POD  
gate  
looking  
u/s



POD  
works



→ flow



Thur

from right

← Flow



Tue

from left





U/S

→ Flow

Ther



U/S

→ Flow

Ther



flow



Tue

U/S

looking U/S

D/S



Thu

Looking D/S

flow

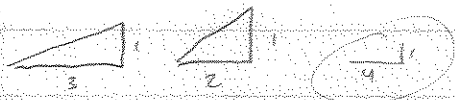




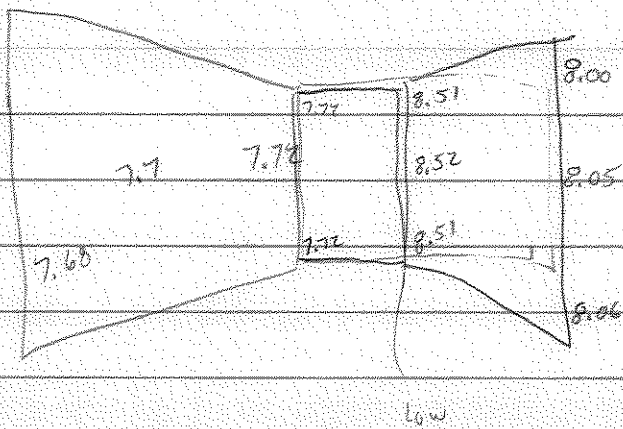
Ther

→ 4/5

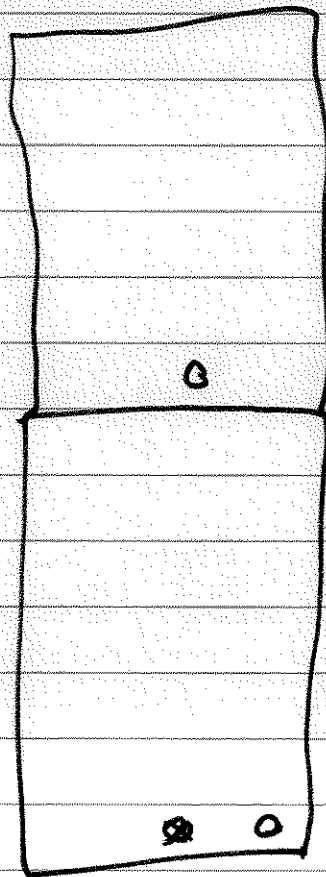
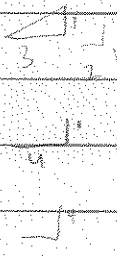
4/5



- W = 3'
- A = 5' 6"
- $\frac{2}{3}A = 3' 8"$
- B = 5' 4 3/4"
- C = 47 1/2" should be 48"
- D = 5' 1 7/8"



- E 30" not critical
- T 2' 3/16"
- G 3'
- H
- K
- M do not have
- N
- O do not have
- R do not have
- X ?
- Y



180' 9.6" = N should be 9"  
 180' 9.48"  
 5.64" = K  
 should be 3"

Use ha reading for charts

B 5.40 feet

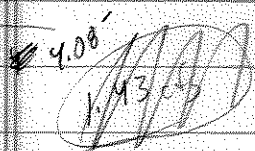
11 seconds - 10.72 sec  
 v = .50 ft/sec

$H_a = .76$

$H_b = 1.39 \Rightarrow 0.59$   
 -.8

$\frac{H_b}{H_a} = \frac{.59}{.76} = 78\%$

7'



$H_a$

correction factor .95

5.17  
 3

7 cfs

7.81 cfs

7.42 cfs

$400'' \rightarrow 8 \text{ cfs}$   
 $80'' \rightarrow 1.6 \text{ cfs}$   
 $65'' = 1.3 \text{ cfs}$

	average velocity	depth	average cross section	d/c cross section
L 3	.48 $\frac{ft}{s}$	.75		.75
8	.55 $\frac{ft}{s}$	.75		3
3	.58	.75		2.25 ft <sup>2</sup>
8	.53	.75		
0.3	.55	.75	1.2 cfs	
R 7.8	.52	.75		
	.535 $\frac{ft}{s}$			

US

45	.7	5.16'
39	.7	
37		

$H_a = .75$   
 $H_b = 5.16 - .8 = 4.36$   
 $1.39 - .8 = .59$   
 $.75 - .59 = .16$

$\frac{H_b}{H_a} = \frac{4.36}{5.16} = .84$   
 $\frac{.66}{.75} = .88$   
 $.88$

$1.39 \text{ cfs}$   
 $\frac{H_b}{H_a} = \frac{.59}{.75} = .79 \text{ } 79\%$   
 $\therefore \text{cf} = .94$

from table  
 $.16 \rightarrow$

$.69 \text{ cfs} \times .94$   
 $.65 \text{ cfs}$