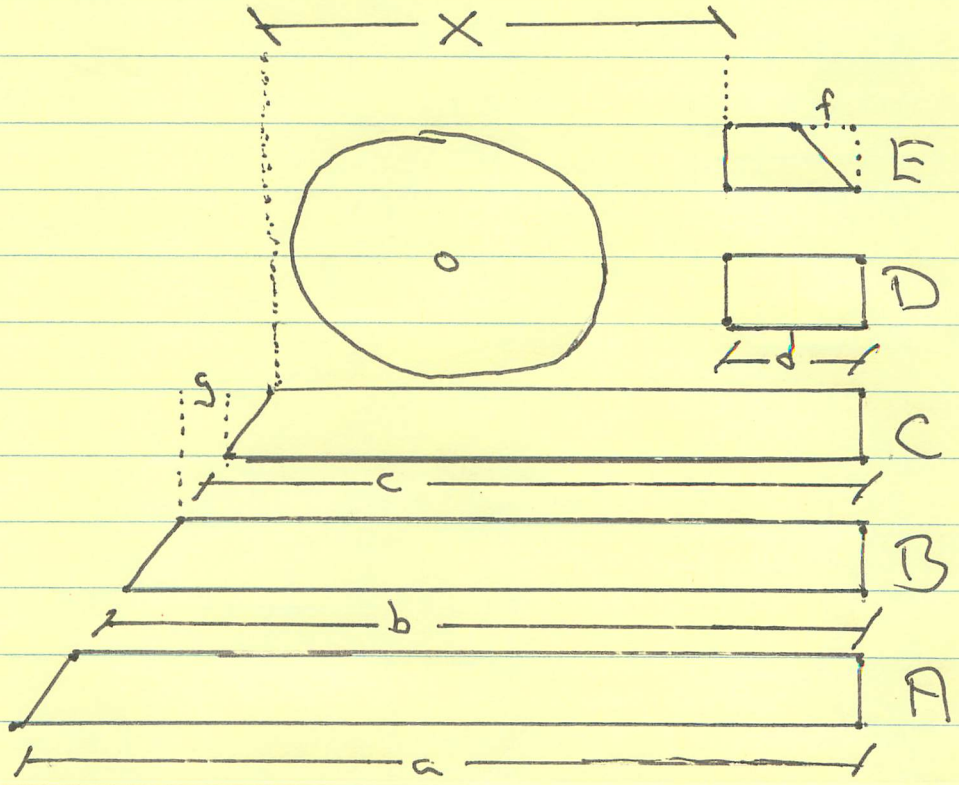
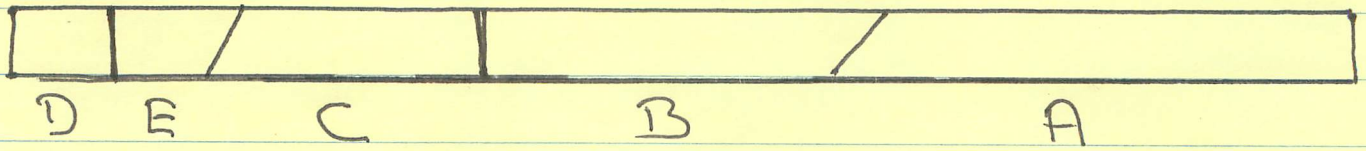
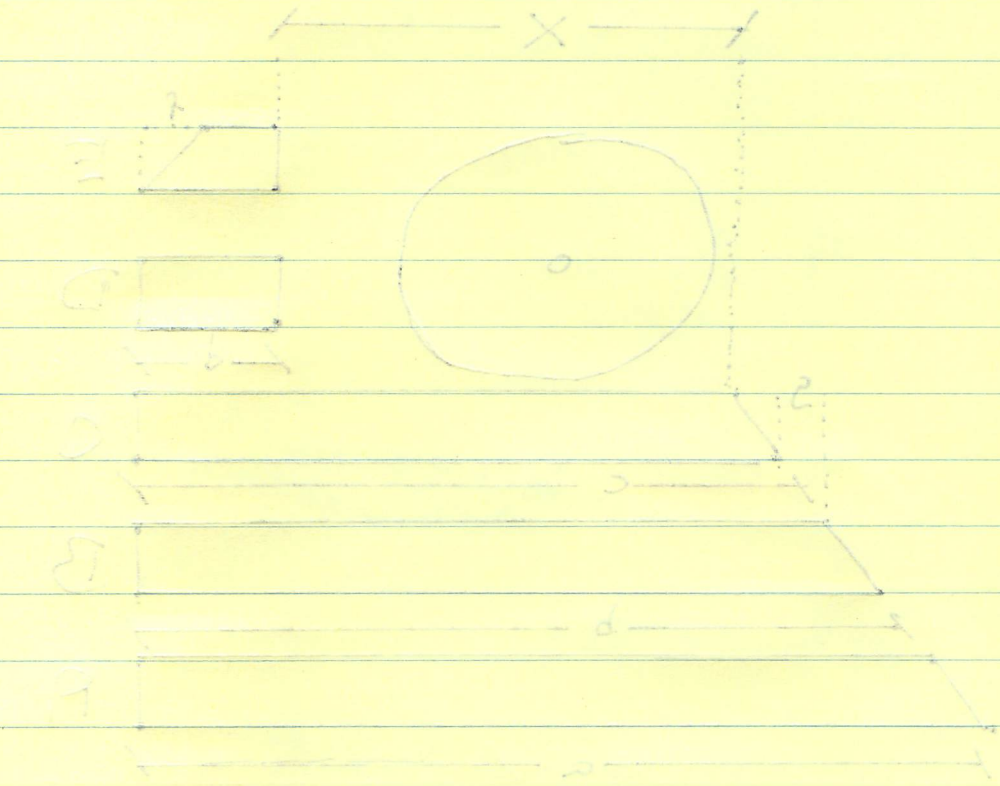
Soling Elevated ~~Chocks~~ Chock Design





This is a disign to stop a Soling trailer in a parking space so as to list the boat to one side so that the cockpit can drain from a scupper.


X
E
D
C
B
A


D
E
C
B
A

Soling Elevated Chock Design

Purchased an 8 foot 2 x 8 for $10

T == Total plank length == 8' == 96"

Segment	Description
a	Base Total Length
b	Middle Total Length
c	Top Total Length
d	Backstop Total Length
f	Length of Angle Cut
g	Middle and Top Setbacks
X	Top Wheel Space Length

d = 6"
f = 2"
g = 1"

c = X + d + f = X + 8
b = c + f + g = (X + 8) + 1 + 2 = X + 11
a = b + f + g = X + 14

T = a + (b - 2) + c + d + (d - 2)
T = (X + 14) + ((X + 11) - 2) + (X + 8) + 6 + (6 - 2)
T = 3X + 41

3X = 96 - 41
3X = 55
X ~ 18

c = 26
b = 29
a = 32