

SUBJECT _____

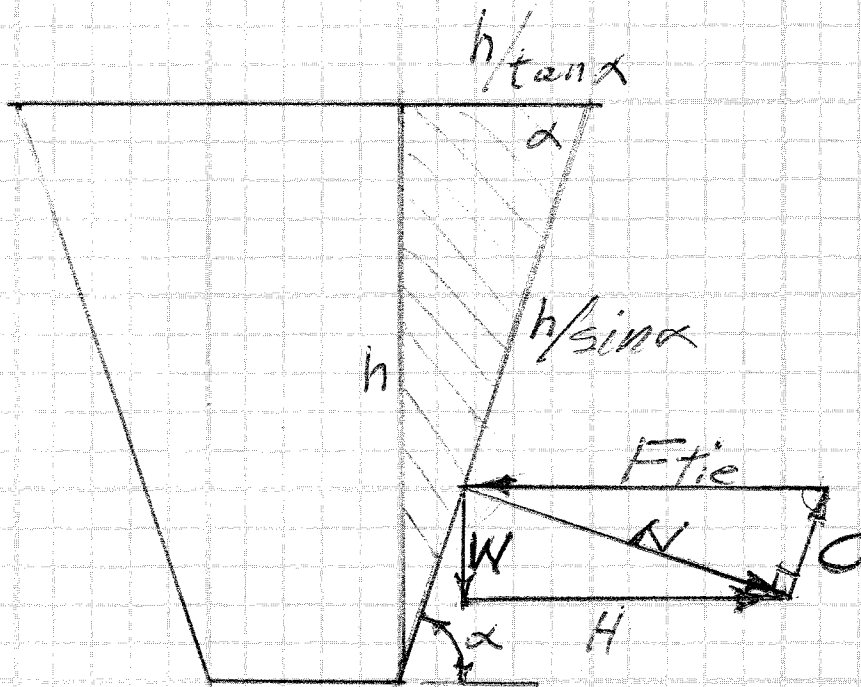
FILE _____

BY _____

DATE _____

JOB _____

Liquid Concrete



$$W = \gamma h^2 / 2 \tan \alpha$$

$$H = \gamma h^2 / 2$$

$$N = \gamma h^2 / 2 \cos \alpha$$

$$F_{tie} = N / \sin \alpha = \gamma h^2 / 2 \cos \alpha \sin \alpha$$

$$C = N / \tan \alpha = \gamma h^2 / \sin \alpha$$

W is the weight of shaded area per foot

H is the horizontal force per foot

N " " normal " " "

F_{tie} is the tie force if they were spaced @ 1'-0"

C is the axial force in the inclined bulkhead.