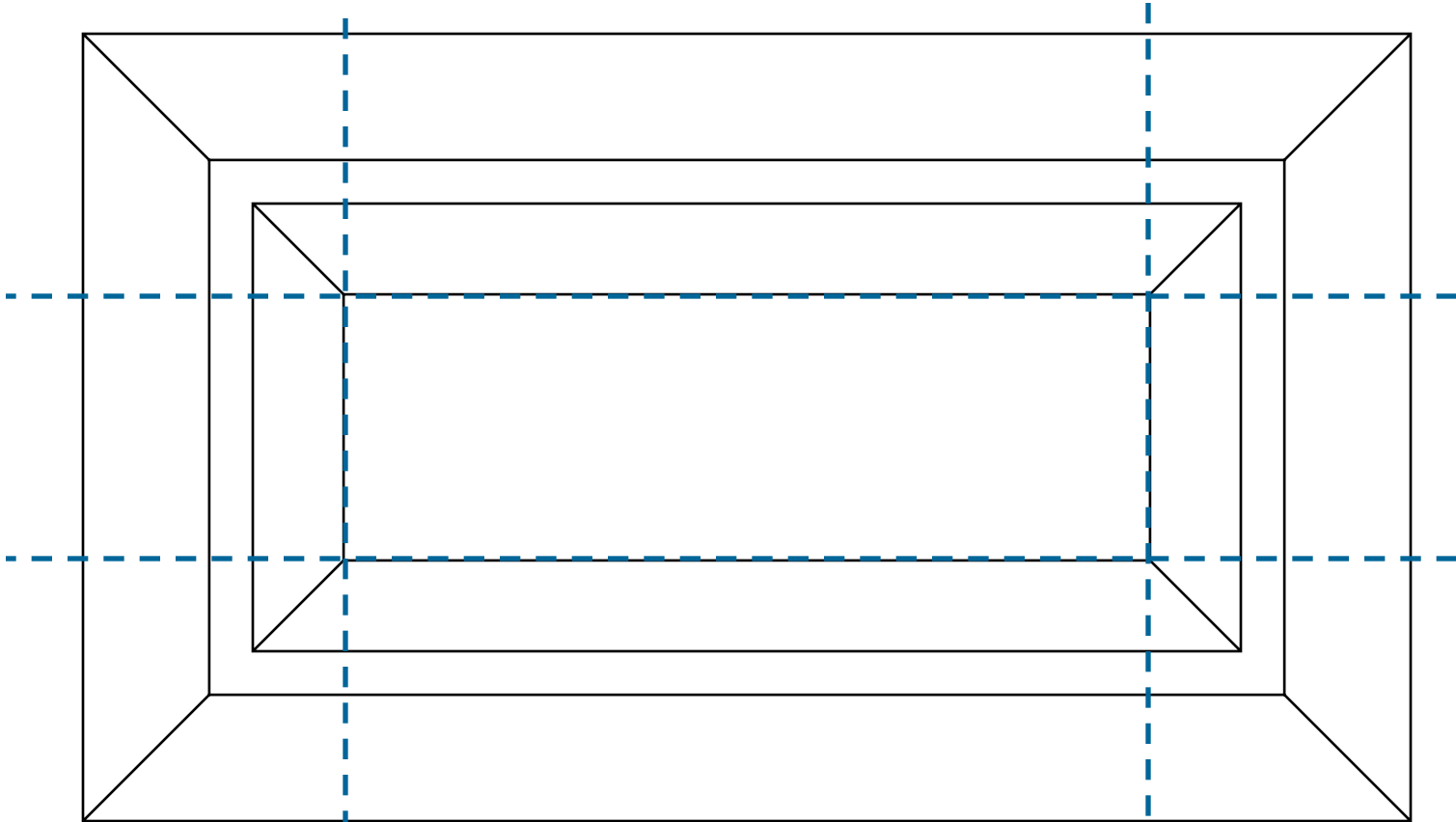


Simplified Dike Measurements

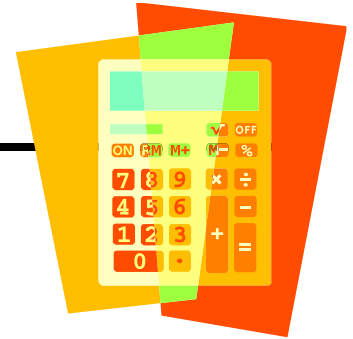
Overhead
View



Cross-Section
View



Calculating Containment Volume



- **Calculate “Gross” Capacity**

- Width in feet X Length in feet X Height in feet X 7.48 =
Containment Volume in GALLONS (Divide by 42 for Barrels)

- **Calculate “Precipitation” Freeboard”**

- Width in feet X Length in feet X Rain in inches X 0.623 =
Freeboard Volume in GALLONS (Divide by 42 for Barrels)

- **Calculate “Equipment Displacement”** - assume only one tank leaks

- (Total Tanks -1) X Height in feet X Diameter in feet x Diameter in feet X 5.87 =
Displacement Volume in GALLONS (Divide by 42 for Barrels)

Net Capacity = Gross Capacity – Freeboard – Displacement

- Net Capacity must be greater than the volume capacity of the largest container