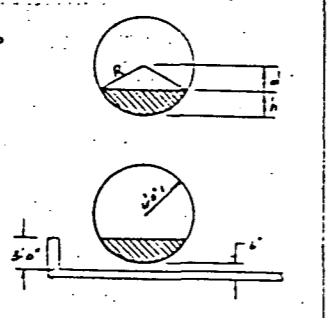


**DIKE VOLUME CALCULATION**

DIKE VOLUME -  $25'2" \times 55'8" \times 3'0" = 4,427 R^2 = 248 GAL'S / R^2 = 33,130 GAL'S$   
 TANK DISPLACEMENT VOLUME  
 AREA OF THE SEGMENT (A) = LENGTH OF TANK (18'-0")  
 $A = R^2 \cos^{-1} \frac{d}{R} - d \sqrt{R^2 - \frac{d^2}{4}}$   
 $R = 6'0"$   
 $d = 13'0" - (0'6") = 2'6"$   
 $A = (6'0")^2 \cos^{-1} \frac{2'6"}{6'0"} - 2'6" \sqrt{6'0" - \frac{2'6"{}^2}{4}}$   
 $A = 17.032 R^2$   
 DISPLACEMENT VOLUME -  $(17.032 R^2) (2 TANKS) (18'-0") = (613.15 R^2) (248 GAL'S / R^2) = 4,506 GAL'S$   
 VOLUME LARGEST TANK = 15,000 GAL'S  
 DIKE CONTAINMENT VOLUME = 33,130 GAL'S  
 DISPLACEMENT VOLUME = 4,506  
 28,544  
 VOLUME LARGEST TANK = 15,000  
 TOTAL EXCESS = 13,544 GAL'S



**TANKFARM PLAN**  
SCALE: 1/4" = 1'-0"

NOTE:  
ALL DRUGS SUPPLIED TO CONTRACTOR CONTAINING S.W. PART REFERENCES, THOSE ITEMS WILL BE SUPPLIED BY SAFETY-KLEEN

14 - REVISE TANK LOCATION AND PIPING

**Safety-Kleen Corp.**  
800 - 368 - 7662

TANKFARM PLAN P4