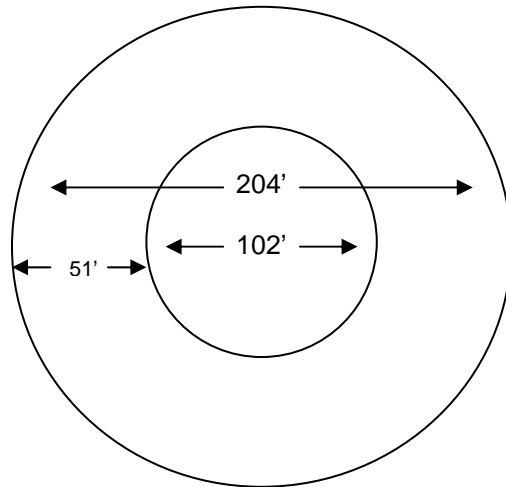


**UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE AND  
VOLUSIA COUNTY ENVIRONMENTAL MANAGEMENT**

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**CIRCULAR FARM POND**

Top View



Classification:  $\frac{3}{4}$  Farm pond

Pond diameter: 204'

Water surface diameter: 192'

Pond depth: 17'

Side Slopes: 3:1

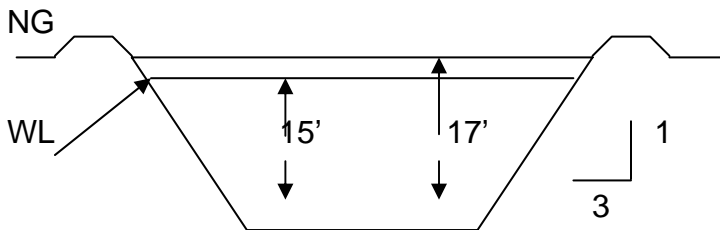
Water table assumed at 2' below natural ground (NG)

Total excavation volume = 12,862.156 cu. yds.

Total water volume = 1,221,822.5 gal.

Total water surface area = 28,952.985 sq. ft.

Side View  
Standard cross-section



NG – Natural Ground  
WL – Water Level