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W. A. S L I G H T A R C H I T E C T

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## **19 Pond Lane septic load calculations**

Taken from approved Cultural Center site plan dated 11/16/05

### **Existing Sanitary Calculations**

Building sq. ft. 2800 sq. ft.

Building use (SCDHS): dry store (0.03 GPD/ SF GR. Floor area  
2800 S.F. X 0.03 GPD/SF =

84 gallons per day

### **Approved system Design**

6'-0" dia. X 4'-0" L.P. = 688 gallons

Use (2) two 6'-0" dia. x 4'-0" deep

Installed system

1376 gallons

Minimum code requirement

1200 gallons

### **Proposed Sanitary Calculations**

Building sq. ft. 4256 sq. ft.

Building use (SCDHS): dry store (0.03 GPD/ SF GR. Floor area  
4256 S.F. X 0.03 GPD/SF =

128 gallons per day