

APPROVED - MAY 3, 2011
EFFECTIVE DATE - JULY 1, 2011

Section 10.4 - Excavation, Removal and Filling of Earth Materials

Section 10.4.5g

Separating Distance from Water Table. No excavation shall remove earth materials closer than four feet to the spring high water table. This distance shall be maintained throughout the excavation except as permitted by Section 10.4.11 of these regulations.

Section 10.4.11 -

Ponds. Excavation of ponds for agricultural purposes, recreation, landscape enhancement or earth removal operations may be permitted by Special Permit by the Commission in accordance with Sections 10.4.3 through 10.4.10 of these regulations and the following criteria:

- a. Design and Construction Standards: Ponds shall be designed and constructed in accordance with USDA Natural Resource Conservation Service handbook 590 - Ponds Planning, Design and Construction. The design shall be certified by a Licensed Professional Civil Engineer.
- b. Site Size: No ponds shall be excavated on a parcel comprising less than five acres in area. The area of any proposed pond shall not exceed 10% of the total contiguous upland area of the subject parcel; where the proposed pond is to be located the low water level of the pond shall be no less than 7' in depth. Excavation of the pond shall not result in the removal of more than 25,000 cubic yards of soil material per acre of pond surface area. The buildable square must be maintained on the subject parcel in accordance with Section 8.4 of the Lisbon Zoning Regulations.
- c. Monitoring: Minimally, groundwater levels in the area of the proposed pond shall be monitored from March 1st to June 1st and again from September 15th to November 15th (6 months total) prior to excavation to determine seasonal high water table levels. The results of monitoring shall be certified by a licensed professional engineer or licensed surveyor and shall be utilized to design the final proposed water level of the pond. The applicant shall provide a written report from a licensed professional engineer, hydrologist or hydrogeologist certifying the suitability of the site to support the proposed pond.
- d. No pond shall be excavated closer than 100' from adjoining properties. Setbacks to wetlands shall be as determined acceptable by the Inland Wetlands Commission.

page 2. (cont)

- e. Slopes: Interior slopes shall not exceed 4H:1V or be less than 7H:1V for the first 20' horizontally around the pond perimeter. Slopes shall not exceed 3H:1V for the interior portions of the excavation.
- f. Removal of Soil Material: Removal of earth materials shall be subject to the applicable items outlined in Section 10.4.3c of these regulations. The requirements of Section 10.4.3 may be waived by the Commission for ponds where excavated soils remain on the property. No topsoil or subsoil shall be removed from the site until all disturbed areas have been restored with a minimum of 6" of topsoil or topsoil blend.

RECEIVED

JUN 23 2011

TOWN CLERKS OFFICE
TOWN OF LISBON

BB
11:45 AM