

# FROST PROTECTION

The intention in providing these e-mails is to bring forth code articles, information of interest and rules and code specifically required in the City of Burlington. It is important to keep in the forefront of your mind that the information provided meets all the minimum Life Safety and structural code requirements governed by and also applies in the State of Vermont. Due to the limited amount of information that is being received, it is highly recommended that you research this material thoroughly and apply accordingly to include consulting with the local authority having jurisdiction or code expert in the area you are working and before proceeding

## FROST PROTECTION

Referenced in the 2006 International Building Code, Chapter 18 section 1805 subsection 1805.2.1 FROST PROTECTION

- 1) Extend below the frost line of the locality;
- 2) Construction in accordance with ASCE 32; or
- 3) Erection on solid rock

*ASCE/SEI 32 is the Design and construction for frost protected shallow foundations*

**FREE STANDING BUILDING** meeting all the following conditions shall not be required to be protected

- 1) Category I Buildings and other structures that represent a low hazard to human life in the event of failure, including but not limited to:
  - a. Agricultural facilities
  - b. Certain temporary facilities
  - c. Minor storage facilities; and
- 2) Area 600 square feet or less light frame construction OR 400 square feet or less for other light frame construction; and
- 3) Eave height of 10 feet or less.