ARTICLE 446-2 is deleted and the following substituted:

446-2 Materials.

Meet the following requirements:
- Portland Cement Concrete – Class NS* .............Section 347
- Coarse Aggregate................................................Section 901
- Portland Cement..................................................Section 921
- Water.................................................................Section 923
- Polyvinyl-Chloride Pipe......................................Section 948
- Polyethylene Pipe...............................................Section 948
- Filter Fabric** ..................................................Section 985

*For draincrete, the concrete requirements of Section 347 are modified as follows:
- Use Type I or II portland cement (no supplementary cementitious materials permitted).

Composition:
- Grade of coarse aggregate (stone) .... #57, #67 or #89
- Maximum Water/Cement ratio .........................0.38
- Minimum cement factor ...... 385 lb/yd³ of Draincrete
- Maximum Slump Range ....................... Not Applicable
- Fine Aggregate................................................None
- Admixtures......................................................None

Do not use materials which contain hardened lumps, crusts, or frozen matter, or are contaminated with dissimilar material.

**Use products listed on the Department’s Approved Products List (APL).