

# POND

## INSTRUCTIONS FOR USE OF SPECIFICATION PA378

### 1. APPLICABILITY

Construction Specification PA378 is applicable to installation of earthen ponds, either excavated and/or with an embankment.

It is not applicable to Dams (PA402), Waste Storage Ponds (PA425), or Sediment Basins (PA350).

### 2. ITEMS TO BE INCLUDED IN SECTION 11 AND/OR DRAWINGS

- a. Material requirements, including but not limited to:
  - (1) Pipe sizes, type, strength
  - (2) Gate type and configuration
  - (3) concrete strength, if other than 4000 psi
  - (4) cement type, if other than I, IA, II, or IIA
  - (5) reinforcing steel grade, if >40 ksi
  - (6) any special concrete admixture requirements
  - (7) any special curing compound requirements
  - (8) specific type of preformed expansion joint filler, if required
  - (9) specific type of waterstop material, if required
  - (10) metal type and grade
  - (11) wood species and grade, or strength
  - (10) geotextile type
  - (11) pressure treated wood requirements, if other than C16 (CCA)
- (12) fastener requirements, including type finish or coating and extra corrosion protection if pressure treated wood is other than CCA
- (13) masonry type and reinforcing
- (14) drainage and bedding materials
- b. Applicable dimensions, work limits, excavation/fill limits, finished grades and elevations
- c. Structural limitations and restrictions such as:
  - (1) fill requirements, including compaction
  - (2) Spoil location(s)
  - (3) foundation and drainage requirements
- d. Safety components (e.g. fences, steps, gates)
- e. Erosion and sediment control
- f. Temporary and permanent vegetative requirements
- g. Reference to other practice specifications (e.g. 382, 606, 620, 342), if applicable.