

## GRADE STABILIZATION STRUCTURE INSTRUCTIONS FOR USE OF SPECIFICATION PA410

### 1. APPLICABILITY

Construction Specification PA410 is applicable to installation of grade stabilization structures.

It is not applicable to Dams (PA402) or Ponds (PA378).

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

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| <p>a. Material requirements, including but not limited to:</p> <ul style="list-style-type: none"> <li>(1) Pipe sizes, type, strength</li> <li>(2) Gate type and configuration</li> <li>(3) concrete strength, if other than 4000 psi</li> <li>(4) cement type, if other than I, IA, II, or IIA</li> <li>(5) reinforcing steel grade, if &gt;40 ksi</li> <li>(6) any special concrete admixture requirements</li> <li>(7) any special curing compound requirements</li> <li>(8) specific type of preformed expansion joint filler, if required</li> <li>(9) specific type of waterstop material, if required</li> <li>(10) metal type and grade</li> <li>(11) wood species and grade, or strength</li> <li>(10) geotextile type</li> <li>(11) pressure treated wood requirements, if other than C16 (CCA)</li> </ul> | <ul style="list-style-type: none"> <li>(12) fastener requirements, including type finish or coating and extra corrosion protection if pressure treated wood is other than CCA</li> <li>(13) masonry type and reinforcing</li> <li>(14) drainage and bedding materials</li> </ul> <p>b. Applicable dimensions, work limits, excavation/fill limits, finished grades and elevations</p> <p>c. Structural limitations and restrictions such as:</p> <ul style="list-style-type: none"> <li>(1) fill requirements, including compaction</li> <li>(2) Spoil location(s)</li> <li>(3) foundation and drainage requirements</li> </ul> <p>d. Safety components (e.g. fences, steps, gates)</p> <p>e. Erosion and sediment control</p> <p>f. Temporary and permanent vegetative requirements</p> <p>g. Reference to other practice specifications (e.g. 356, 606, 620), if applicable.</p> |
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