



# ***REGIONAL CONSTRUCTION STANDARDS***

**SIXTH EDITION**

## **Publication Update 6.11**

(Full Committee Approved Proposed Revision 6.11 –  
Cellular Concrete  
As Publication Update 6.11)

September 26, 2019

Flowable fill may be used on an Owner approved, case-by-case basis for trench backfill and pipe abandonment fill. Pipe bedding requirements will remain unchanged unless otherwise specified in the Special Provisions. Fly ash may be approved for use provided it complies with the requirements of ASTM C618, Class F or Class C. A mix design certificate shall be submitted for Owner approval prior to placement of the material. Flowable fill shall meet a minimum 50 psi mix design and a maximum 300 psi mix design.

#### H. CELLULAR CONCRETE

**Cellular concrete is a low-density product consisting of Portland cement, cement-silica, cement-pozzolan, lime-pozzolan, or lime-silica pastes, or pastes containing blends of these ingredients and having a homogeneous void or cell structure, attained with gas-forming chemicals or foaming agents. Cellular concrete may be used on an Owner approved, case-by-case basis for pipe abandonment fill and, for filling the annual space in jack and bore applications if it meets design strength requirements. Fly ash may be approved for use provided it complies with the requirements of ASTM C618, Class F or Class C and is compatible with foaming agent. A mix design certificate shall be submitted for Owner approval prior to placement of the material. Cellular concrete shall meet a 28-day minimum 50 psi mix design and a maximum 300 psi mix design. Preformed foam used for generating cellular concrete shall be ASTM C869 compliant.**

### 5.7 PLANTING

#### A. Plants

1. Plants shall be obtained from approved sources. The Owner may withdraw its approval of sources that do not consistently furnish acceptable plants.
2. The botanical and common name of plants shall be in accordance with the latest edition of Standardized Plant Names, prepared by the Editorial Committee of the American Joint Committee on Horticultural Nomenclature, in effect on the date of the Invitation for Bids.
3. Plants shall be inspected and identified in accordance with the Standardized Plant Names prepared by the Editorial Committee of the American Joint Committee on Horticultural Nomenclature. The Owner may inspect and reject plants at any time and place. Plants will be inspected immediately prior to being planted. If they are planted prior to inspection and found to be unsatisfactory, they shall be replaced with approved plants at the Contractor's expense.
4. Plants and sod shipped from geographical areas that are quarantined for fire ant infestation by the U.S. Department of Agriculture shall have their roots or container contents chemically treated to destroy and/or prevent the transmission of fire ants, their eggs, or larvae. Proper certification of this treatment shall be provided with each shipment.
5. Plants shall conform to the requirements of American National Standard for Nursery Stock, by the American Association of Nurserymen, Inc. and these specifications. Plants shall be first class representatives of their normal species and varieties; shall