

## **ERRATA**

### **PTI DC10.1-08 Design of Post-Tensioned Slabs-on-Ground**

**Third Edition with 2008 Supplement, Third Printing 2008**

**DC-10 Slab-on-Ground Committee**

The following errata items were added on 5/11/2009:

#### **Standard Requirements for Analysis of Shallow Concrete Foundations on Expansive Soils**

**Page 9, Section 4.3.2.1(a), second sentence:**

##### **"4.3.2.1 – Minimum Size**

(a) Depth – Minimum rib depth  $h$  shall be the larger of  $(t + 7)$  in. or 11 in. When more than one rib depth is used in ~~actual construction~~ the calculations, ratio between the deepest and the shallowest rib depths shall not exceed 1.2."

#### **Standard Requirements for Design of Shallow Post-Tensioned Concrete Foundations on Expansive Soils**

**Page 7, Section 4.3.2.1(a), second sentence:**

##### **"4.3.2.1 – Minimum Size**

(a) Depth – Minimum rib depth  $h$  shall be the larger of  $(t + 7)$  in. or 11 in. When more than one rib depth is used in ~~actual construction~~ the calculations, ratio between the deepest and the shallowest rib depths shall not exceed 1.2."

## ERRATA

### PTI DC10.1-08 Design of Post-Tensioned Slabs-on-Ground Third Edition with 2008 Supplement, Third Printing 2008 DC-10 Slab-on-Ground Committee

The following errata items were added on **12/10/2009**:

#### Design of Post-Tensioned Slabs-on-Ground

Page 44, Section 6.7, second last paragraph:

##### **“6.7 Subgrade Friction**

The minimum prestress force  $P_e$   $P_r$  required is  $0.05A$  for ribbed foundations and  $0.6HW$  for uniform thickness foundations, where  $P_e$   $P_r$  is in kips,  $H$  is in in.,  $W$  is in ft and  $A$  is in in.<sup>2</sup>.”

#### Standard Requirements for Design of Shallow Post-Tensioned Concrete Foundations on Expansive Soils

Page 8, Section 4.3.3:

“4.3.3 – Minimum Prestress Force – The effective prestress force  $P_e$   $P_r$  shall not be less than  $0.05A$  (kips)”.

Page 3, Section 2.0, Notation:

##### **“2.0 – NOTATION**

$f_{pe}$   $f_D$  = minimum average effective compressive stress due to prestress =  $\frac{1,000P_r}{A}$ , psi”

**ERRATA**

**PTI DC10.1-08  
Design of Post-Tensioned Slabs-on-Ground**

**Third Edition with 2008 Supplement, Third Printing 2008**

**DC-10 Slab-on-Ground Committee**

The following errata items were added on **2/4/2010**:

**Standard Requirements for Analysis of Shallow Concrete Foundations  
on Expansive Soils**

**Page 9, Section 4.3.2.2:**

**“4.3.2.2 - Spacing – Rib spacing used in actual construction shall be a maximum of 15 ft. **S** used in moment and shear equations shall be the average rib spacing if the ratio between the largest and the smallest spacing does not exceed 1.5. If the ratio between the largest and the smallest spacing exceeds 1.5, **S** used in moment and shear equations shall be 0.85 times the largest spacing. **S** used in the moment and shear equations shall not be less than 6 ft or greater than 15 ft. The rib spacing used in the section properties shall be the actual rib spacing but not greater than 15 ft”.**

**Standard Requirements for Design of Shallow Post-Tensioned Concrete Foundations  
on Expansive Soils**

**Page 7, Section 4.3.2.2:**

**“4.3.2.2 - Spacing – Rib spacing used in actual construction shall be a maximum of 15 ft. **S** used in moment and shear equations shall be the average rib spacing if the ratio between the largest and the smallest spacing does not exceed 1.5. If the ratio between the largest and the smallest spacing exceeds 1.5, **S** used in moment and shear equations shall be 0.85 times the largest spacing. **S** used in the moment and shear equations shall not be less than 6 ft or greater than 15 ft. The rib spacing used in the section properties shall be the actual rib spacing but not greater than 15 ft”.**