**CONCRETE TECHNOLOGY CORPORATION**
**PRESTRESSED PILE DESIGN CRITERIA WORKSHEET**

**SHEET:** of

*Job Name:* _____

*Pile Size & Type:* _____

*Date:* _____

*Issued By:* _____

*Governing Code and/or Specifications*

- ☐ *IBC 2003*
- ☐ *UBC 1997*
- ☐ *AASHTO LRFD 4th Edition*
- ☐ *Other:* _____

*Service Level Axial Loads (Unfactored)*

*Dead Load =* _____ *kips*

*Live Load =* _____ *kips*

*Seismic Load =* _____ *kips*

*Uplift =* _____ *kips*

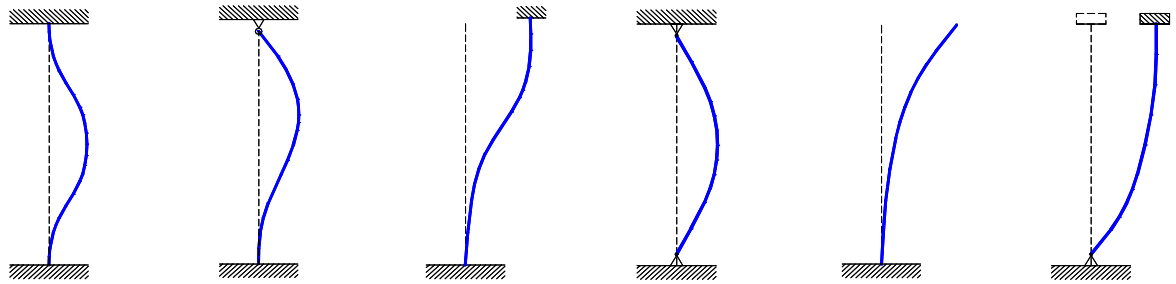
*Service Level Lateral Loading (Unfactored)*

*Lateral Load =* _____ *kips*

*Moment due to Lateral Load =* _____ *kip-ft*

*Unsupported Length =* _____ *ft*

$K_{effective\ length}$ = _____ *(select appropriate K value as shown in cases (a) thru (f) below)*



| *Case (a)* | *Case (b)* | *Case (c)* | *Case (d)* | *Case (e)* | *Case (f)* |
|---|---|---|---|---|---|
| *K = 0.5* | *K = 0.7* | *K = 1.0* | *K = 1.0* | *K = 2.0* | *K = 2.0* |

*Notes & Comments*

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