PART 0 DESIGN STANDARDS

0.01 GENERAL DESIGN GUIDELINES

A. Inspection by Owner's Testing Agency does not relieve A/E of contract responsibilities.

B. Provide chamfers at top of foundation and at all outside corners of exposed formed concrete surfaces, including structural and architectural concrete.

C. Inspection of formwork and reinforcing is required before concrete is placed.

D. Formwork shall be tight at joints and corners to prevent leakage.

PART 1 GENERAL No standards

PART 2 PRODUCTS

2.01 FORM TIES

A. Formwork Panels: Specify material appropriate for finish desired.

B. Form release treatment

1. Coordinate form release oils or other products with materials to be applied over concrete (i.e. dampproofing, waterproofing and finish materials).
2. Form oil is prohibited where stucco, plaster or paint is to be applied to formed concrete surfaces.

C. Form ties shall be plastic cone type – break-away only.

1. Exception: For high lift pours where concrete pressure will exceed the capabilities of the plastic cone ties, design a form tie system that will withstand pressures and that can be patched in a manner suitable to receive applied dampproofing and waterproofing.

PART 3 EXECUTION

3.01 INSTALLATION

A. Specify period of curing time required before shoring removal and form removal is allowed.

3.02 FIELD QUALITY CONTROL

A. Notification: Contractor shall work with the Owner to schedule Owner's inspections and testing.

B. Owner will provide formwork inspection for Owner's information at Owner's expense.

C. Contractor will be provided with Owner's inspection information and may use information as a part of Contractor's qualtiy control. However, Owner does not represent that the frequency or type of inspection is adequate to assure compliance with contract requirements. Contractor shall provide additional testing and inspections needed to assure contract compliance, at Contractor's expense.

D. Additional inspections or re-inspections required for quality control shall be at Contractor's expense.

END OF SECTION 03100