ECONOMICAL REINFORCED CONCRETE CONSTRUCTION

SUGGESTION #2: REPEAT BAR SIZES AND LENGTHS

In many instances of reinforced concrete construction repetition can have far-reaching advantages and savings. Many bars can be a few centimetres longer or shorter while still meeting design requirements.

BENEFITS:

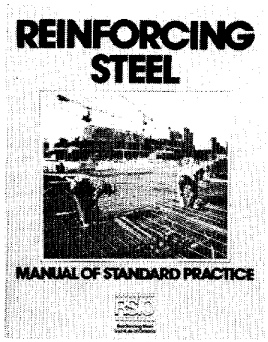
- **FABRICATION** –
  Fewer lengths of bars are fabricated, decreasing set-up time for shearing and bending operations. Bundling operations are also reduced and shipments are loaded with greater capacity.
- **PLACING** –
  Most repetition in the field reduces the learning curve and improves placing efficiency. Fewer bundles improve field sorting and storage.
- **RESULT** –
  In addition to a much more economical structure, repetition enhances a familiarity that discourages costly mistakes.

WATCH FOR!

The next in the series of ***RSIO Case History Reports.*** This one will feature CBC's Broadcast Centre Development Project.

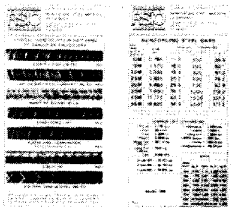
Read how reinforced concrete plays an important role in vibration isolation.

RSIO PUBLICATIONS AND DESIGN AIDS



Manual of Standard Practice

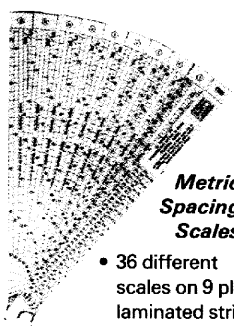
- Industry Practices for Estimating Fabricating Detailing Placing
- Nationally accepted standard



Pocket Cards

PC 2 - Rebar Identification - Mill Markings

PC 3 - Bar information standard hooks and laps



Metric Spacing Scales

- 36 different scales on 9 plastic laminated strips

Case History Reports

- Shopping Mall
- Parking Structure
- Office Tower
- Office Buildings
- SkyDome

- For ordering and costs contact the Institute."

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