CONCRETE DESIGN IN RISA
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UPCOMING SOFTWARE RELEASES

RISA-3D
VERSION 13 (Beta)

RISA Floor
VERSION 9 (Beta)

RISA Foundation
VERSION 7 (Beta)
CONCRETE DESIGN RULES

Enhanced Concrete Design Rules
➢ New Easy to Use Graphical dialogs
➢ Easier modeling As-built situations
➢ Available in all RISA programs

Let’s review these!
RISAFloor ES

All Concrete Design in new Floor Type:

- Two-way Slab Design & Punching Shear
- One-way Slabs with beams
- T and L Beams

Let’s review this now!
RISAFloor ES

Rigid or Semi Rigid Diaphragms

Modeling Tips:

➢ Rigid: Model only Lateral Element as “Lateral”
➢ Semi-Rigid: Model all Columns & Walls as “Lateral”
SEMI-RIGID WIND LOADS

New Wind Load Categories:

- Distributed Loads Applied into Diaphragm
SEMI-RIGID EQ LOADS

Earthquake Loads Categories:

- Surface Load applied into Diaphragm
  Wt of Slab + DynLoad * Cs
- Pt Loads ➔ Wt of the Column or Walls * Cs
RISAFloor ES

Improved Internal Force Summation Tools

➢ Find Plate Forces in RISA-3D
➢ Slabs & Walls
➢ Find Localized Forces - Point to Point
➢ Based on the displayed results

Let’s see how these tools work!
New Wall Strip Footings

- Strip Footing (Gravity Only)
- Strip Footing (Lateral/Custom)

Let’s see these Footings!
QUESTIONS?

Please let us know if you have questions

- We will answer questions for the next 5 minutes
- Once the webinar is closed, we will post all Q&A’s at risa.com
- For further information, contact us at: info@risa.com