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RISA
TECHNOLOGIES
Productivity Tools That Work For You™
Wood Solutions Fair – Long Beach, California

RISAFloor
RISA-3D
WOODWORKS
NON-RESIDENTIAL CONSTRUCTION

July 7, 2008:
Wood Works and RISA Technologies announced an agreement to incorporate advanced wood design features into RISA's popular analysis and design programs.

Phase 1: November 2008

- Wood Bearing Wall design
- Wood Shear Wall design

Phase 2: Spring 2009

- Wood (flexible) diaphragm design
- Wood shear walls with openings

Future Enhancements:

- Wood Connection design

RISA
TECHNOLOGIES
Productivity Tools That Work For You™

RISAFloor
RISA-3D
WOODWORKS
NON-RESIDENTIAL CONSTRUCTION

Who is WoodWorks?

WoodWorks provides resources that allow engineers, architects, and others to build non-residential structures out of wood more easily and at less cost.

The WoodWorks organization is not associated with the WoodWorks software program.

Who is RISA?

RISA Technologies has been developing leading edge structural design and optimization software for over 20 years. The seamless integration of RISAFloor, RISA-3D and RISAFoundation creates a powerful, versatile and intuitive structural design environment.

RISA is not associated with the WoodWorks software program.

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RISA
TECHNOLOGIES

RISAFloor **RISA-3D**
RISA-2D **RISASection**
RISABase **RISAfoot**
RISAMasonry

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RISAFloor
RISA-3D
WOODWORKS
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What type of wood members can RISA design?

- Sawn Lumber beams, columns & trusses
- Glu-Lam beams & trusses
- LVL & Parallam beams
- Wood I-Joists
- **NEW!** Bearing & Shear walls






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RISAFloor
RISA-3D
WOODWORKS
NON-RESIDENTIAL CONSTRUCTION

What type of wood structures can RISA design?

- Commercial
- Industrial
- Public Use
- Residential








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WOODWORKS
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Wood Roof Trusses:

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Wood Truss & Steel Post Structures:




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Multiple Pitch Roof Systems:





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I-Joist Floor & Roof Systems:





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Why use RISA for your wood projects?

- ❑ Flexible design
 - ✓ Design one member, one truss OR
 - ✓ Design the entire structure
- ❑ One model for all stages
 - ✓ Design your gravity system in RISAFloor
 - ✓ Design your lateral system in RISA-3D
 - ✓ Design your foundations in RISAFoundation
- ❑ Multiple Material Design
 - ✓ Complete wood design
 - ✓ Add steel moment frames
 - ✓ Add masonry walls
 - ✓ Design your concrete foundations
- ❑ Integration with Revit Structure for full BIM modeling




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NEW Wood Wall Design feature

- ❑ Complete Control of wall design!
 - ✓ Design of new walls
 - ✓ Evaluation of existing walls
- ❑ Specify:
 - ✓ Single or double sided sheathing
 - ✓ Panel rating
 - ✓ Edge nail spacing
 - ✓ OR let RISA optimize these specifications for you!
- ❑ Customizable, Excel based database of IBC 06 panel schedules
 - ✓ Add custom panel schedules
 - ✓ Use pre-fab walls such as Strong Wall or Hardy Frame
- ❑ Customizable, Excel based database of Simpson hold downs




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NEW Wood Wall Design feature

- ❑ Detailed layout of shear wall
 - ✓ Elevation view of wall with framing and hold down call outs
 - ✓ Section view of wall to display sheathing





Productivity Tools That Work For You™



Who will receive these new versions of RISA?

RISA Customers

- All customers who are under maintenance will automatically receive these new versions
- Customers who are using older versions can upgrade to these new versions for a small fee
- Contact RISA today to find out if you're eligible to automatically receive these upgrades.

info@risatech.com
800 332 RISA

Wood Works

- WoodWorks will be distributing licenses of RISAFloor & RISA-3D to select engineers who commit to designing a non-residential structure in wood using these programs.

This is a \$4000 value!




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