TOLBrace™ Software

Software for Seismic Bracing of Fire Sprinkler Systems

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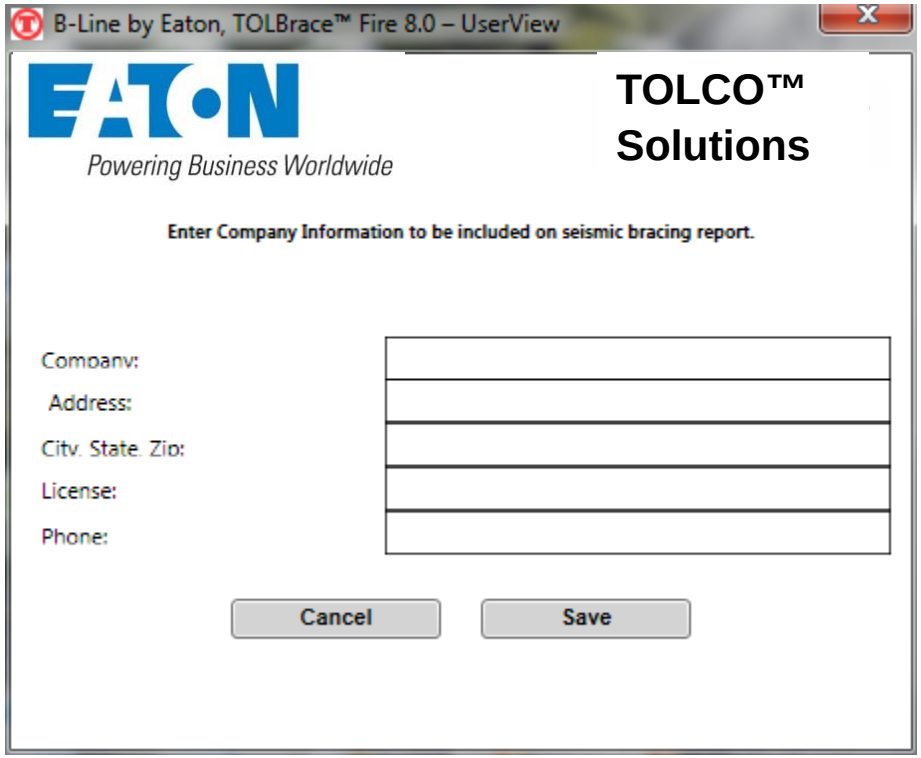
TOLBrace™ software advantages

- An invaluable tool for Engineers / Designers, Plan Reviewers, and Fire Authorities
- Simple to use, step-by-step approach
- Calculates correct bracing loads per:
  - NFPA 13 Guidelines
  - FM Data Sheets
  - ASCE 7
  - OSHPD

TOLBrace™ software advantages

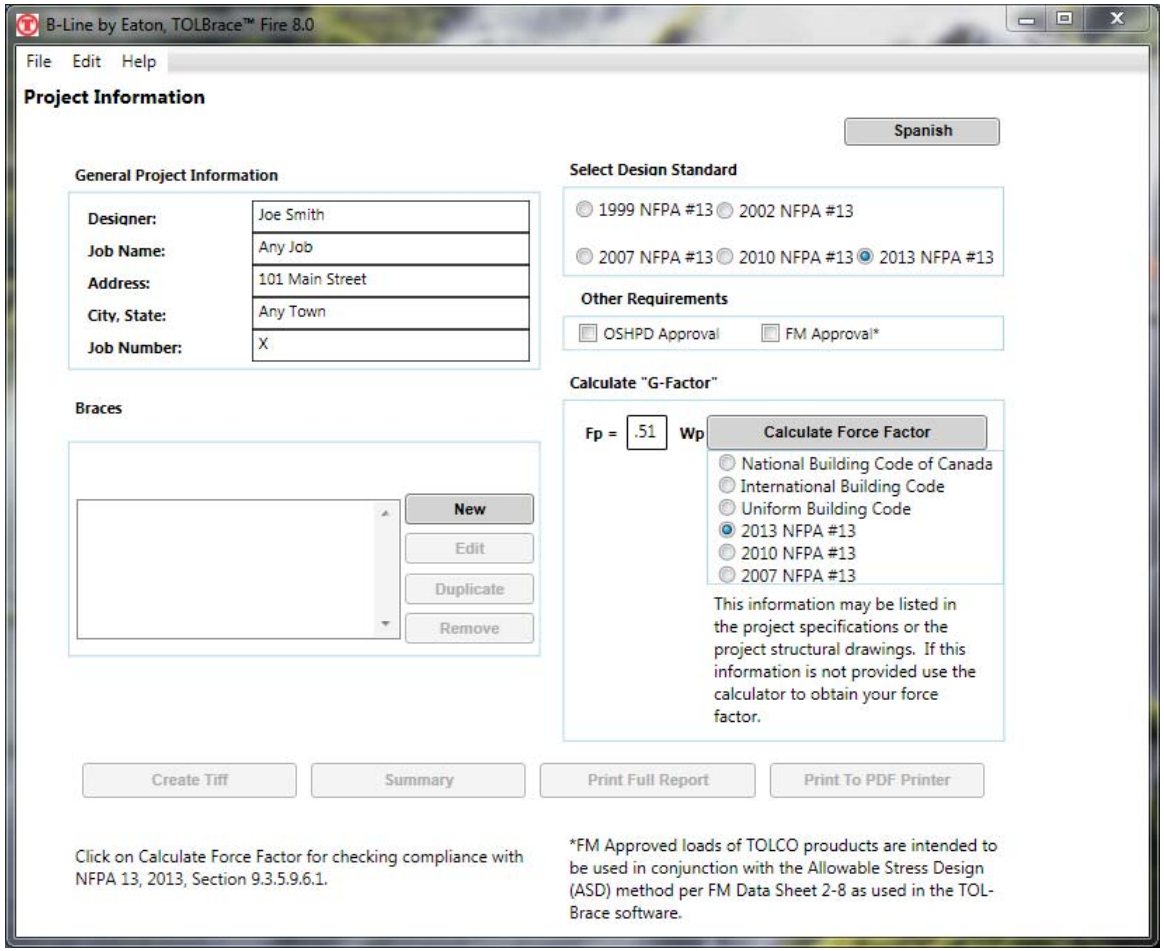
- Easy to follow Ss breakdown
- Evaluates brace orientation, structural attachments and fasteners
- Print out complete report with appropriate bracing details or generate tiff files for CAD use
- Generate complete Bill of Materials for material pricing
- Available in Spanish and English language formats
- Exclusively for use with Eaton's TOLCO™ products

TOLBrace™ software – Step #1



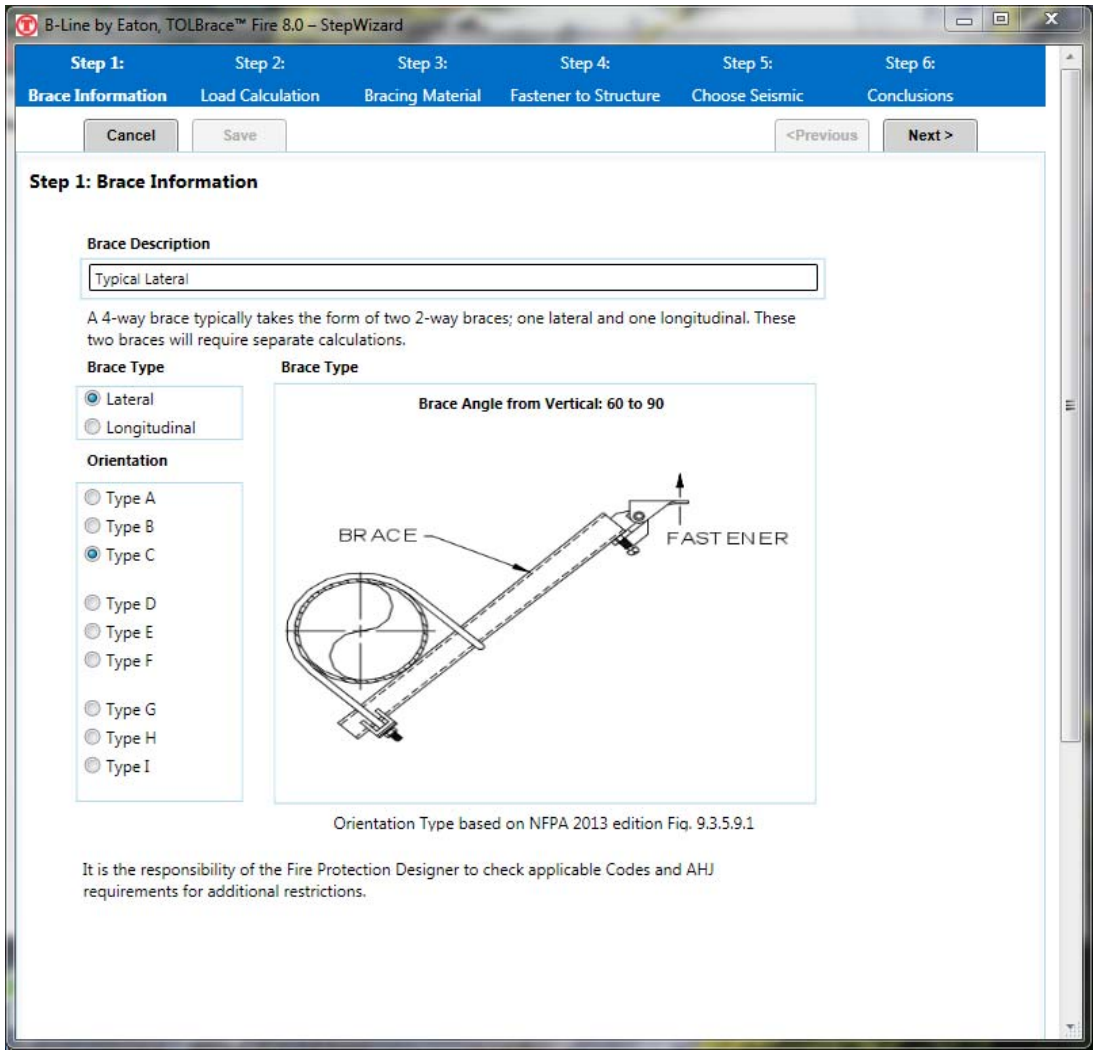
Enter your company's Information

TOLBrace™ software – Step #2



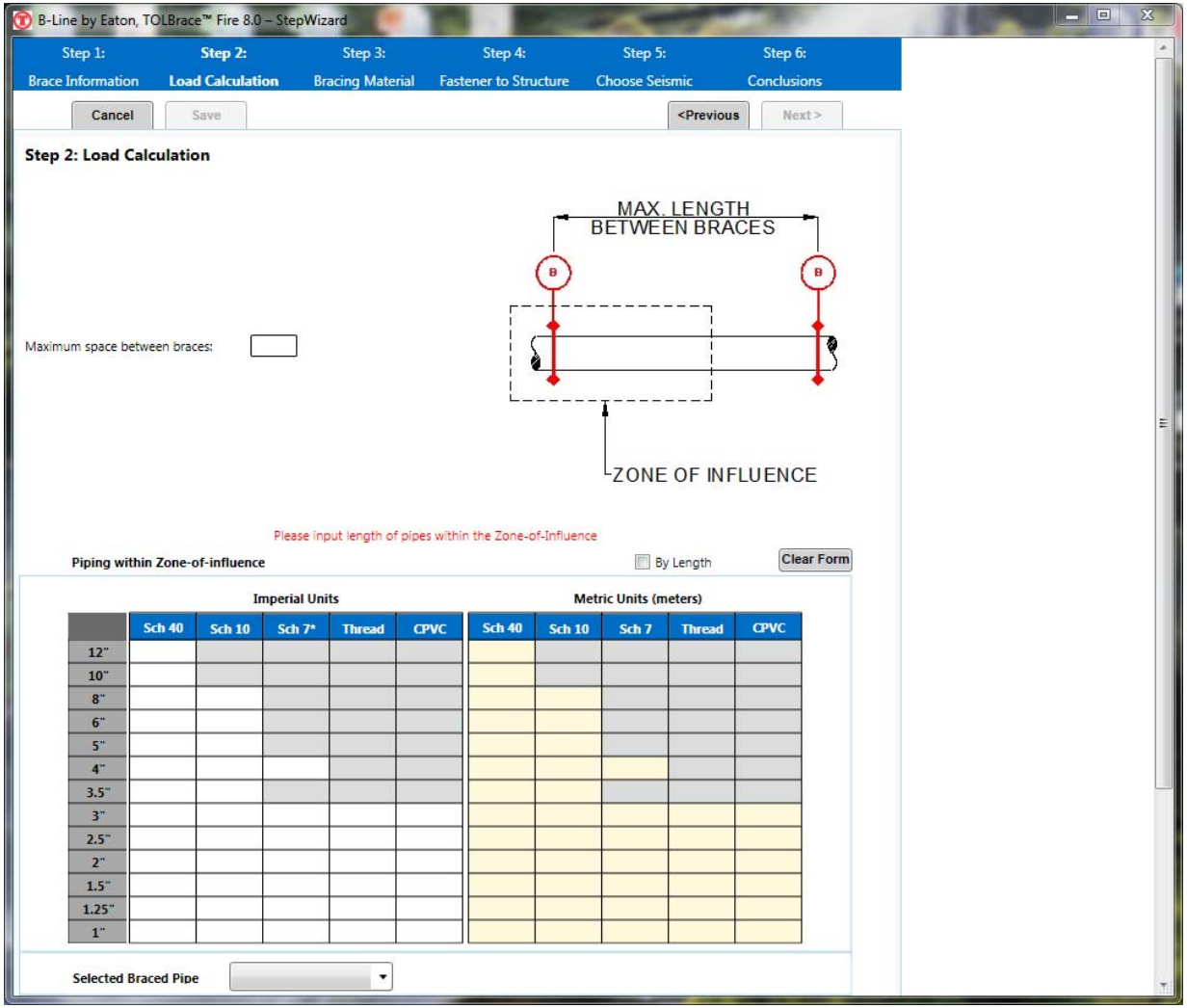
- Click language button to choose between English or Spanish
- Input your project information and press “New” to begin your first brace.

TOLBrace™ software – Step #3



- Input Brace Description
- Select a brace type A through I, which defines the orientation of the fastener and the angle of the brace, per NFPA 13.

TOLBrace™ software 8.0 – Step #4



- Enter maximum space between braces or click “By Length” to define maximum brace spacing
- Enter pipe data of all pipe within the zone of influence of the sway brace

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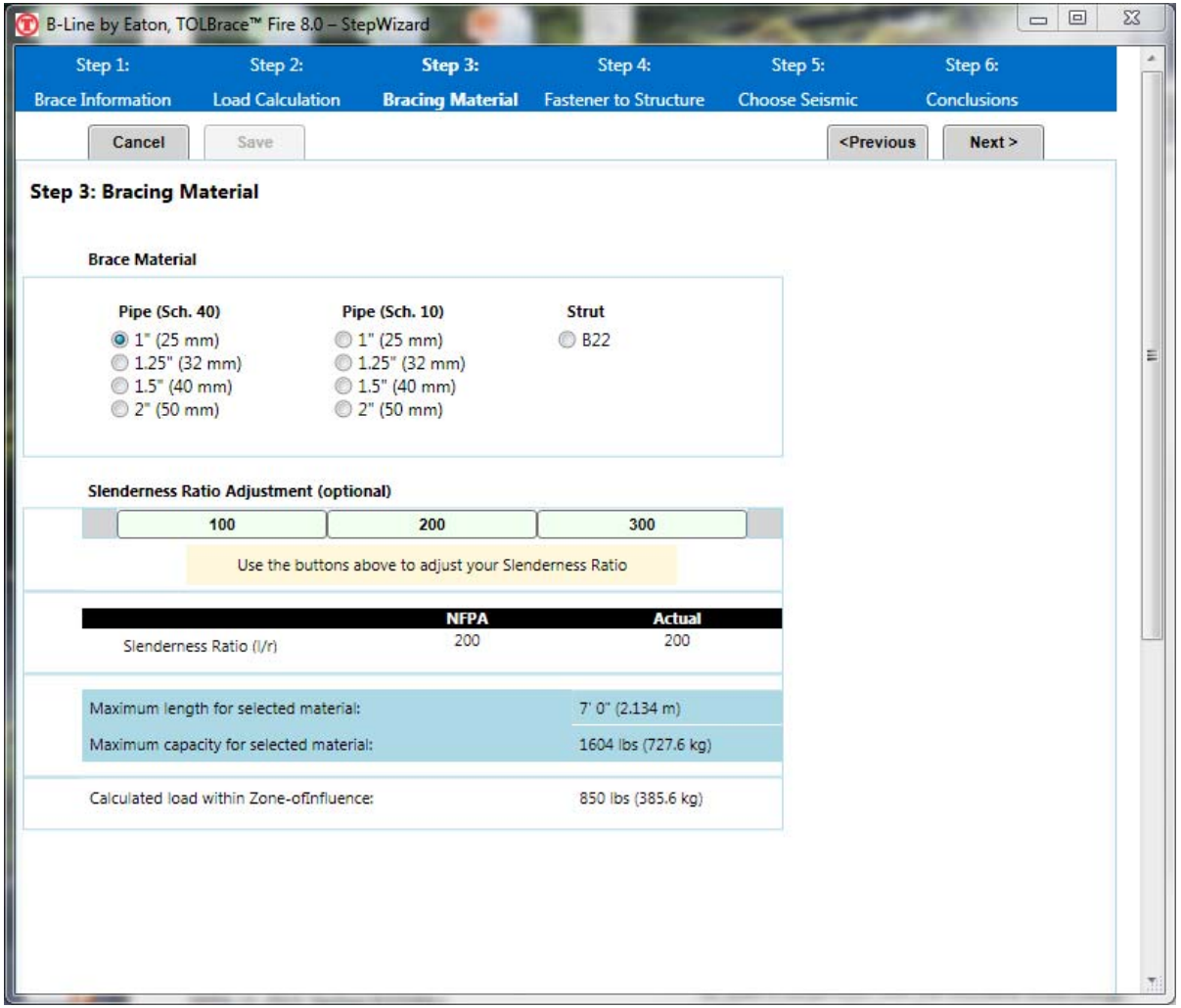
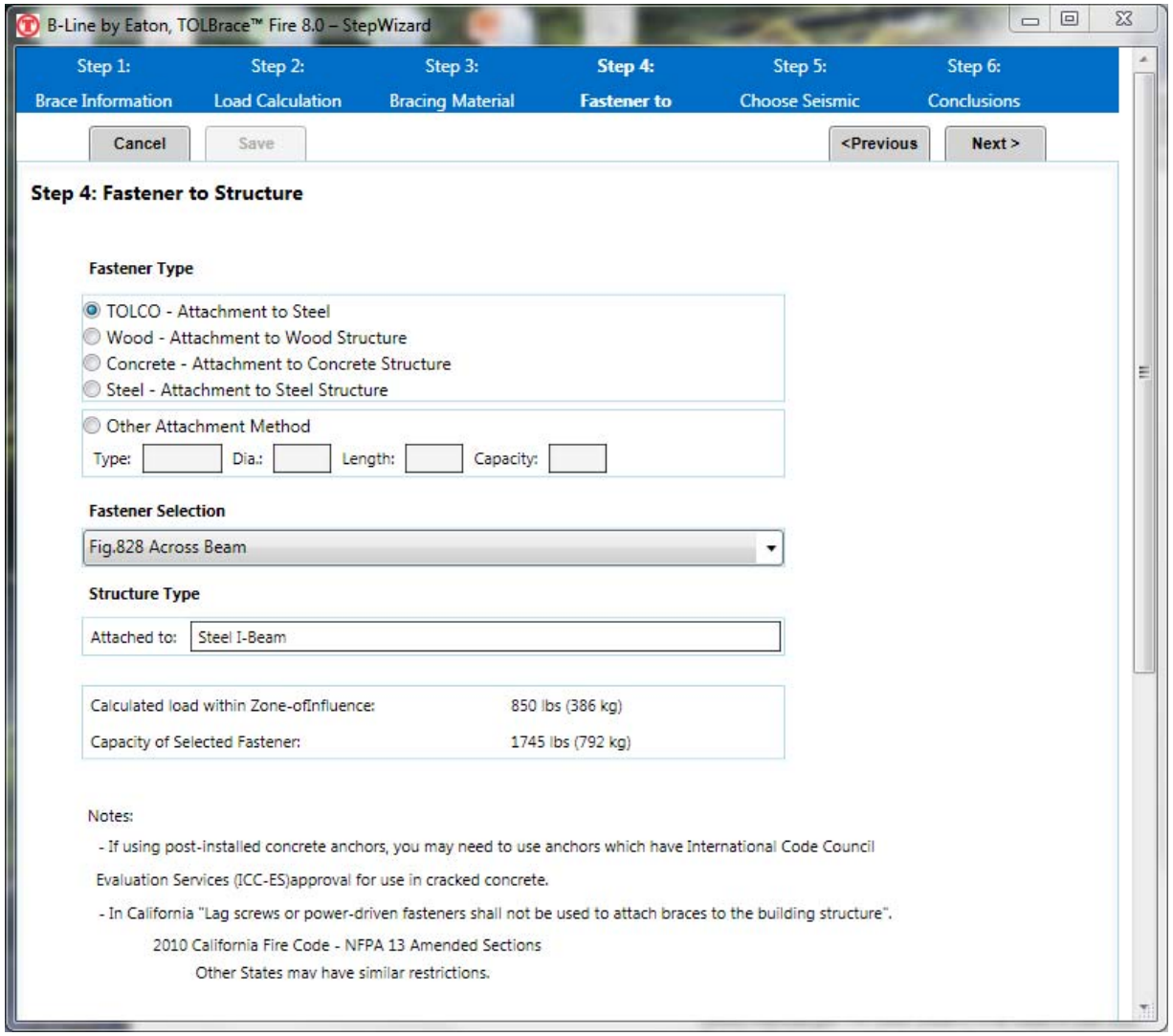
TOLBrace™ software – Step #5



- Select brace material
- Adjust slenderness ratio by selecting, 100, 200 or 300 to adjust load and allowable brace length

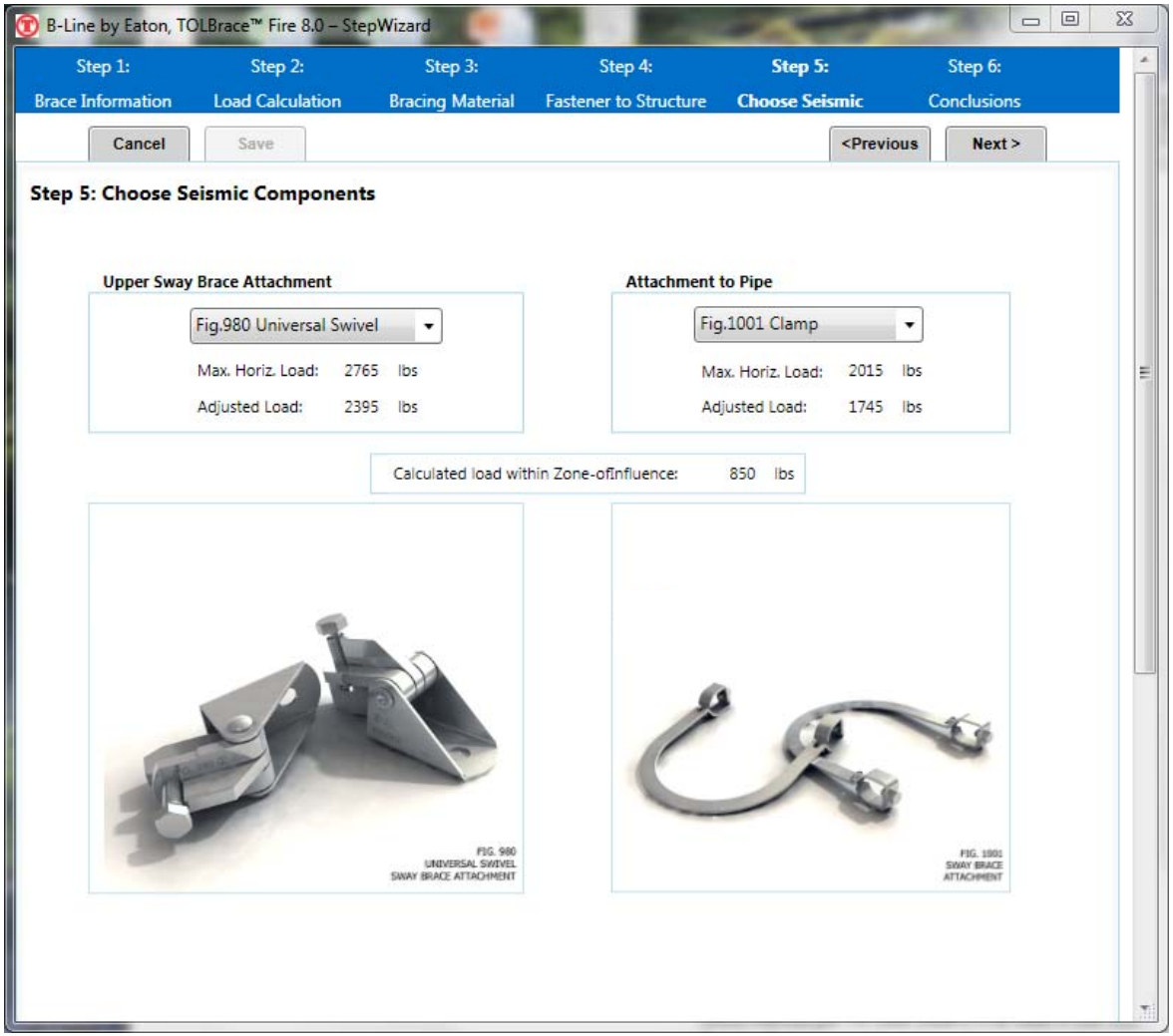
TOLBrace™ software – Step #6



- Select fastener type
- Select specific fastener from drop down list
- Type a brief description of the structure type

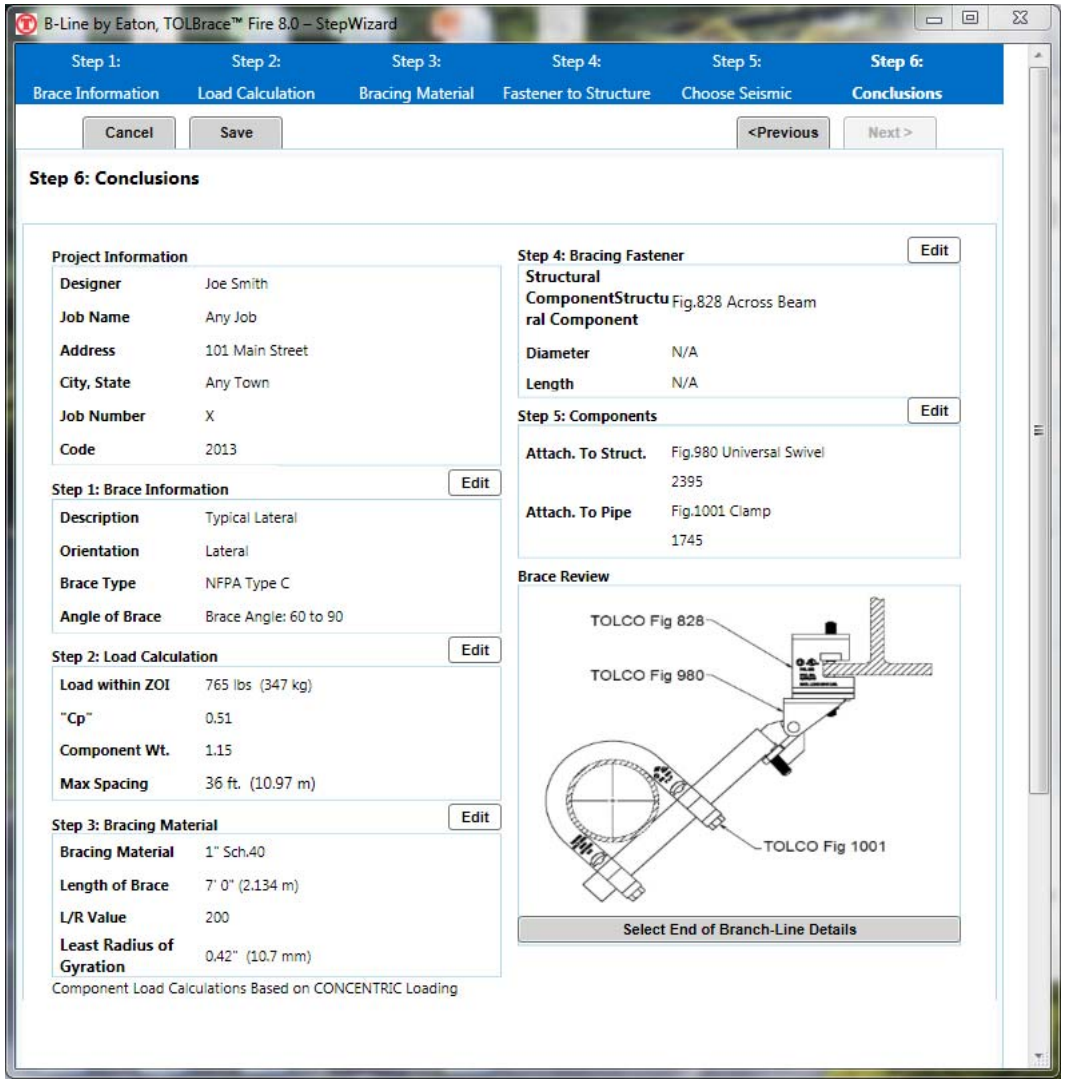
Note: TOLBrace will only show the fasteners that have a capacity to support the calculated load in the zone of influence

TOLBrace™ software – Step #7



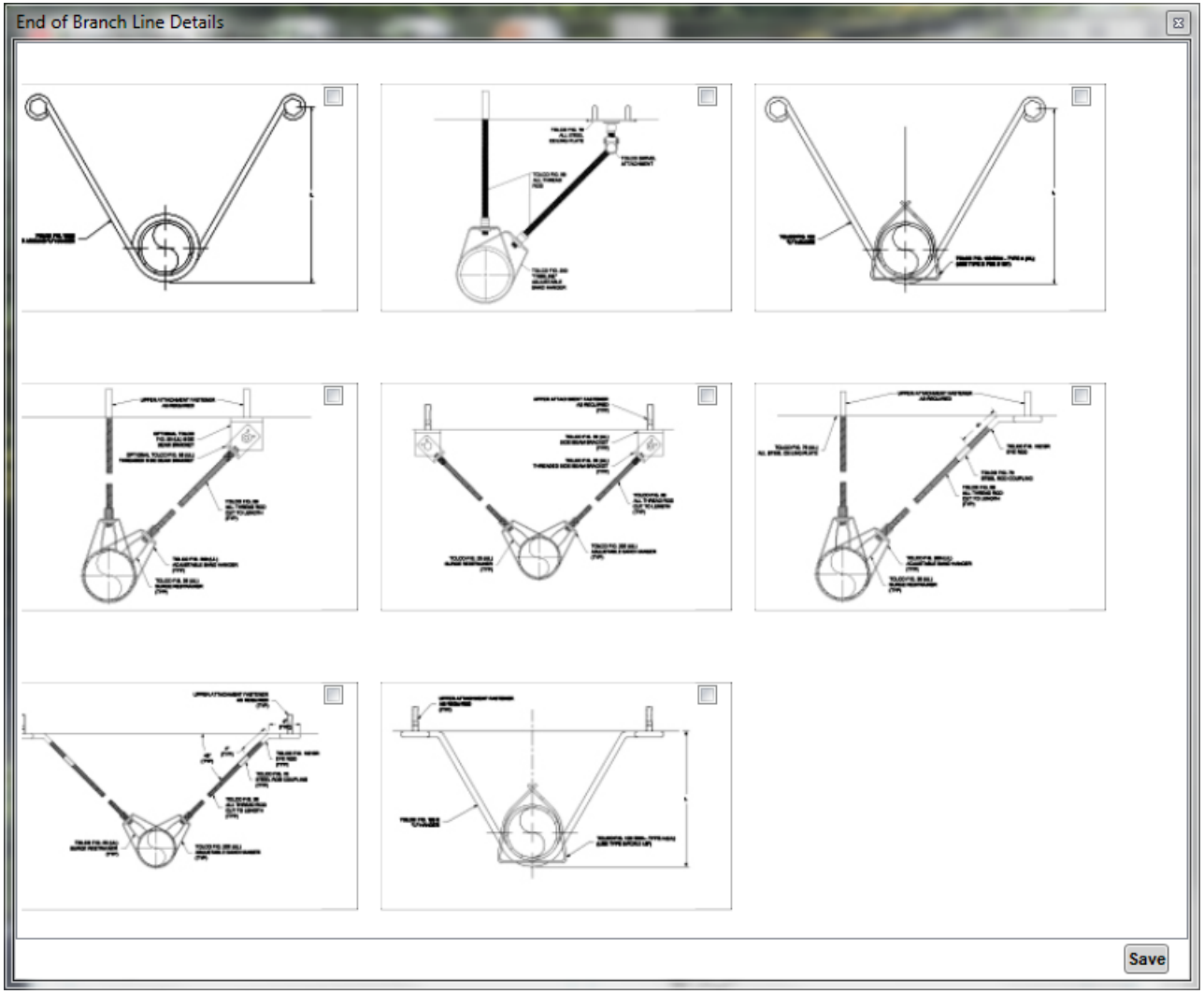
- Select the upper sway brace attachment
- Select the attachment to the system pipe

TOLBrace™ software 8.0 – Step #8



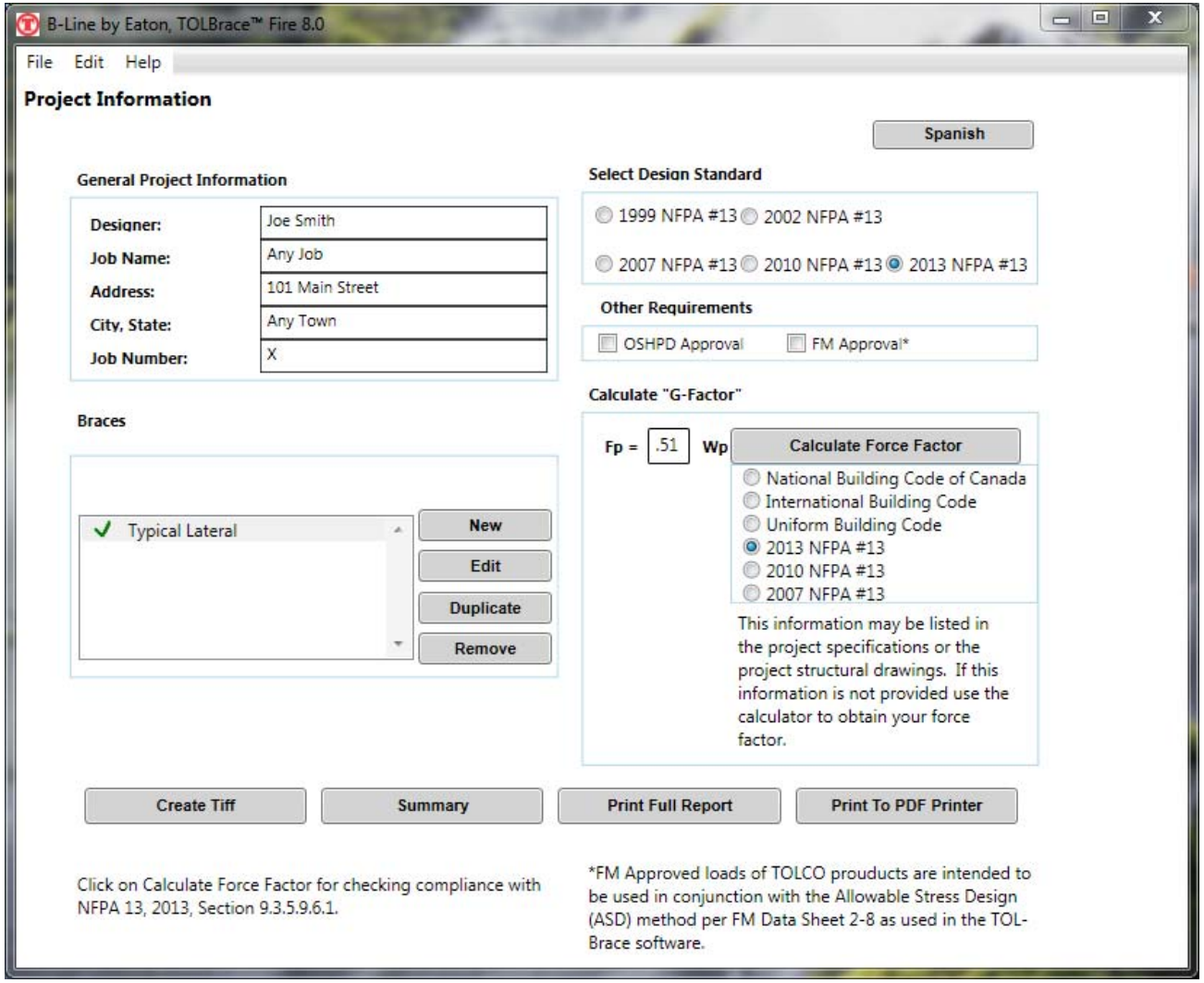
- Completed Submittal sheet following the NFPA 13 standard format
- Includes all project information
- All components with load adjusted for angle of brace
- Detail of assembly with call outs
- Ability to go back to each section to edit if changes are required
- Can select branch line restraint details by clicking “Select End of Branch Line Details”
- Click to save

TOLBrace™ software 8.0 – Step #9



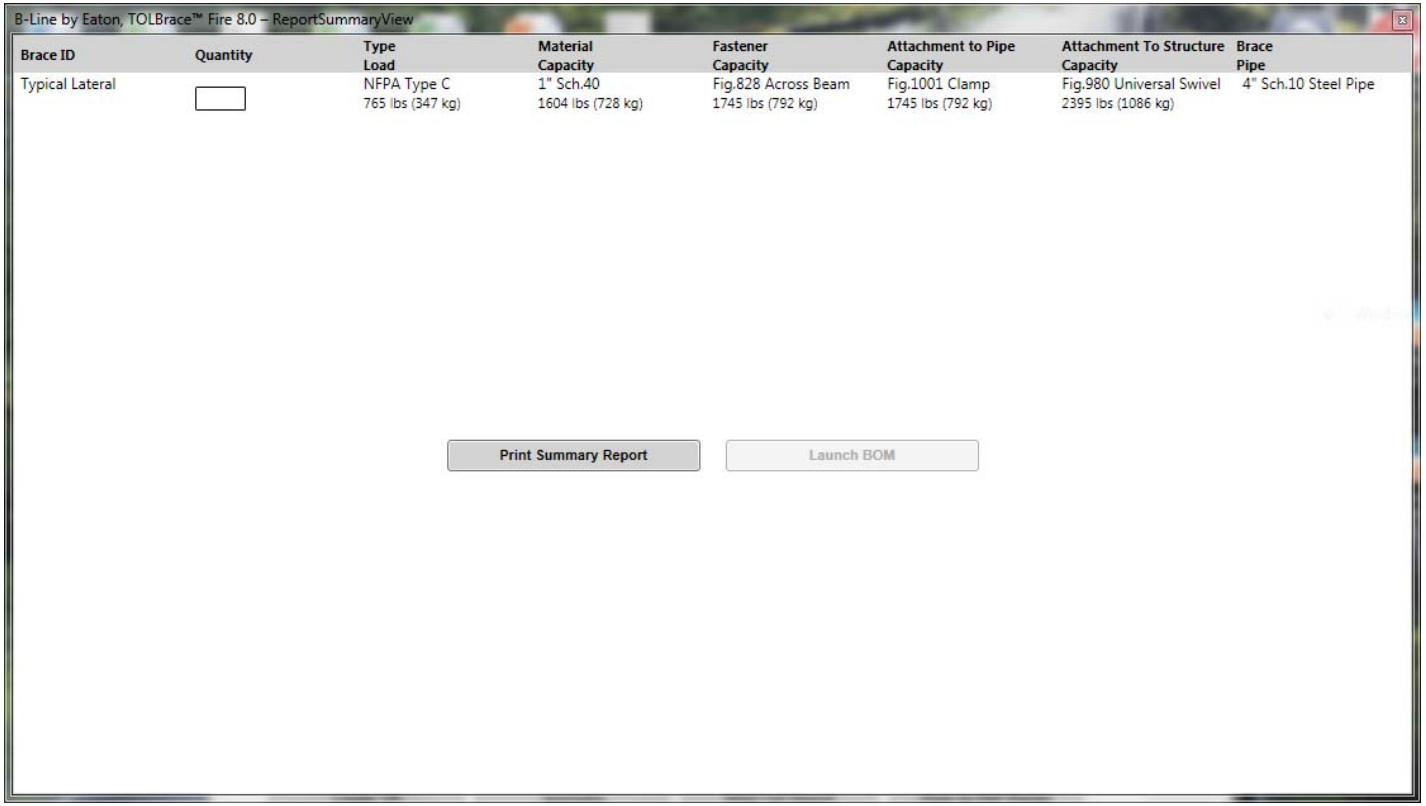
- Select branch line restraint detail(s)

TOLBrace™ software 8.0 – Step #10



- Click to create Tiff file or print to PDF format
- Click “Summary” to launch Bill of Materials generator

TOLBrace™ software 8.0 – Step #11



- Enter Quantity of Braces and then Click Launch BOM to generate an Excel sheet with a list of material and list pricing

Contact Us for More Information

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