

CADDY® Bracing Systems Calculator

Innovative CADDY® product designs simplify installation to save you time and money. Our CADDY Bracing Systems design calculation software for fire protection will simplify the submittal process. The four-step program walks you through various editions of NFPA-13, as well as various editions of the IBC and other building codes. The output of the program provides the necessary submittal forms for your engineer or the Authority Having Jurisdiction (AHJ). The software is suitable for both rigid and cable sway bracing products. Exclusively for use with CADDY Bracing Systems products.

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STEP 2

1 Brace I.D. (Shown on Print)
Brace I.D.

2 Brace Orientation
 Lateral
 Longitudinal

3 Structure for Anchorage per Tables in NFPA®-13
 2002 2007 2010

4 Concrete or Wood Thickness
Thickness:

5 Fastener Orientation
 Vertical w/ Shear & Tension Loading
 Horizontal w/ Shear & Tension Loading
 Horizontal w/ Loading ALL in Shear

6 Brace Angle from Vertical
 30 to 44 degrees
 45 to 53 degrees
 58 to 90 degrees

7 Brace Pipe Criteria

| Brace Size | Max. E/2r | NFPA®-13 Strengths |
|--|---------------------------|----------------------------|
| <input checked="" type="checkbox"/> 1" | <input type="radio"/> 100 | <input type="radio"/> 2002 |
| <input checked="" type="checkbox"/> 1 1/4" | <input type="radio"/> 200 | <input type="radio"/> 2007 |
| <input checked="" type="checkbox"/> 1 1/2" | <input type="radio"/> 300 | <input type="radio"/> 2010 |
| <input checked="" type="checkbox"/> 2" | | |

GO TO STEP 3 Back

Quick Guide
Check this box to have this program consider 1" Sch 40 pipe for the sway brace assembly. More than one pipe size can be considered. CHECK ALL PIPE SIZES THAT YOU WANT CONSIDERED.

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Rigid Sway Bracing

Save time and money with CADDY® brand of sway bracing products!



Lateral Bracing



Longitudinal Bracing

Lateral and Longitudinal Bracing

- Snap-off bolt heads help enable easy installation and inspection of seismic sway braces.
- Adjustable designs accommodate multiple pipe sizes and beam widths, reducing the need for extra inventory.
- Products are UL® Listed, FM Approved and meet NFPA requirements for seismic applications.

