



# JOIST INVESTIGATION FORM

The Joist Investigation form can be completed at [steeljoist.org/investigation](http://steeljoist.org/investigation) or may be printed and emailed to [sji@steeljoist.org](mailto:sji@steeljoist.org)

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Email Address \_\_\_\_\_ Company \_\_\_\_\_

Preferred Phone \_\_\_\_\_

## Project Details

Jobsite Location City/State \_\_\_\_\_

Project Name \_\_\_\_\_

### Why are you requesting this information? (Select all that apply.)

- Evaluation
- Rehabilitation or reuse
- Legal issue
- New construction
- Inspection
- Structural problem
- Field or erection problem
- Seismic retrofit
- Other (describe) \_\_\_\_\_

## Supplementary Information

What year was the building constructed (or approximate age of the structure)? \_\_\_\_\_

Who was the joist manufacturer? \_\_\_\_\_

Is there a tag on the joist?  No  Yes Provide tag information \_\_\_\_\_

What type of trusses are the joists?  Warren  Modified Warren  Pratt  Other \_\_\_\_\_

What were the joists used for?  Roof loading  Floor loading

What type of bridging is used?  Horizontal  Diagonal

What is the joist span or length of joist? \_\_\_\_\_ What is the joist spacing? \_\_\_\_\_

What is the interior panel point spacing? \_\_\_\_\_ What is the joist depth? \_\_\_\_\_

What is the height of the joist seat?  2½"  5"  Other \_\_\_\_\_

**Note: Top chord and bottom chord are usually NOT the same size, so please make sure you measure both.**

**Top chord**  2 Angles Top chord leg size \_\_\_\_\_ Top chord thickness \_\_\_\_\_  
 2 Rounds Top chord diameter \_\_\_\_\_  
 Proprietary shape cross section (provide sketch)

**Bottom chord**  2 Angles Bottom chord leg size \_\_\_\_\_ Bottom chord thickness \_\_\_\_\_  
 2 Rounds Bottom chord diameter \_\_\_\_\_  
 Proprietary shape cross section (provide sketch)

**Vertical webs**  1 Angle Vertical web leg size \_\_\_\_\_ Vertical web thickness \_\_\_\_\_  
 2 Angles Vertical web leg size \_\_\_\_\_ Vertical web thickness \_\_\_\_\_  
 Crimped Vertical web leg size \_\_\_\_\_ Vertical web thickness \_\_\_\_\_  
 1 Round Vertical web diameter \_\_\_\_\_  
 Other (provide sketch)

**Diagonal webs**  1 Angle Diagonal web leg size \_\_\_\_\_ Diagonal web thickness \_\_\_\_\_  
 2 Angles Diagonal web leg size \_\_\_\_\_ Diagonal web thickness \_\_\_\_\_  
 Crimped Diagonal web leg size \_\_\_\_\_ Diagonal web thickness \_\_\_\_\_  
 1 Round Diagonal web diameter \_\_\_\_\_  
 Other (provide sketch)

How were these measurements obtained?  Tape  Micrometer  Caliper  Other \_\_\_\_\_

## Images

Sending pictures or sketches of the joist profiles is recommended.