



### The Strong Frame Ordinary Moment Frame Catalog

All of the information you need on our latest lateral force-resisting solution is contained in the *Strong Frame Ordinary Moment Frame* catalog. Frame and anchorage design information, installation instructions, prescriptive wall bracing requirements and installation details are all included in this useful tool. Visit [www.strongtie.com](http://www.strongtie.com) to download or request a copy or call (800) 999-5099.

For years moment frames have been a common method of providing high lateral-force resistance when limited wall space and large openings control the structural design. Traditionally, the disadvantage with moment frames has been that they are time-intensive to design and labor-intensive to install. Simpson Strong-Tie has taken these factors into consideration and has created a cost-effective alternative to traditional frames – the Strong Frame ordinary moment frame.



#### FEATURES:

- **Pre-designed moment frame solutions:** Designers can choose from 196 engineered frames, in sizes up to 16 feet wide and 19 feet tall, rather than having to spend hours designing one.
- **100% bolted connections:** Install frames faster with no field welding required. No need to have a welder on site, or a welding inspector.
- **Pre-installed wood nailers:** Eliminate the need to drill and bolt nailers in the field.
- **Frames fit in a standard 2x6 wall:** No thicker walls additional framing or furring required.
- **Greater quality control:** Frames are manufactured in a quality-controlled environment and field-bolted connections eliminate questions about field welds.
- **Convenient to store, ship and handle:** Disassembled frames are more compact, minimizing deliveries and simplifying handling on the jobsite.
- **Pre-assembled anchor-bolt assemblies:** Anchor bolts are pre-assembled on a shear-lug plate that mounts on the form. This helps ensure correct anchor placement and creates more efficient anchor performance.
- **Streamlined anchorage design:** No more tedious anchorage calculations – select an anchorage solution for your footing geometry from the anchorage tables and you are done.
- **Post-installed anchorage solutions available for prescriptive applications:** Simpson Strong-Tie® epoxy anchor solutions for higher load applications and solutions with the Simpson Strong-Tie Titen HD® screw anchor for prescriptive or lower-load applications.



*Strong Frame OMFSL anchorage assemblies make design and installation faster and easier*

# STRONG-WALL® SHEARWALLS



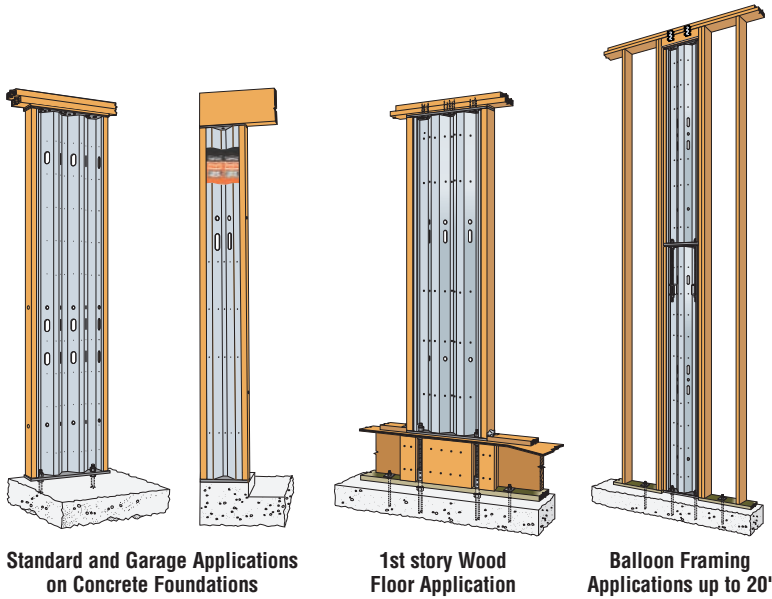
## The Strong-Wall Shearwalls Catalog

The Simpson Strong-Tie® *Strong-Wall Shearwalls* catalog (C-SW) is the tool you need when specifying, installing or inspecting prefabricated shearwalls. This guide contains complete technical and installation information for our extensive line of steel and wood walls as well prescriptive wall bracing requirements. Complete installation details are also included to aid in correct specification and installation. Visit [www.strongtie.com](http://www.strongtie.com) to download or request a copy or call (800) 999-5099.

Lateral Systems

### STEEL STRONG-WALL® PANEL

The shearwall that combines superior performance with the easiest and fastest installation now offers new applications with simpler and better solutions for maximum design flexibility.

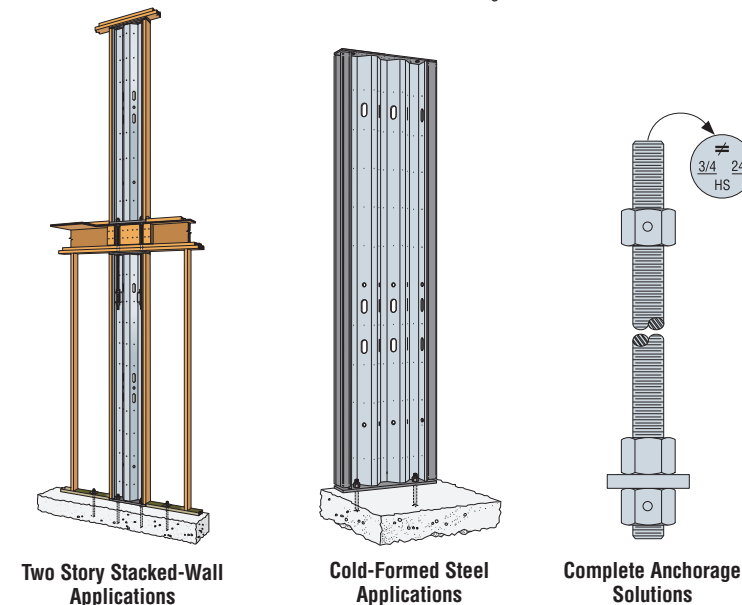


Standard and Garage Applications on Concrete Foundations

1st story Wood Floor Application

Balloon Framing Applications up to 20'

U.S. Patent Pending



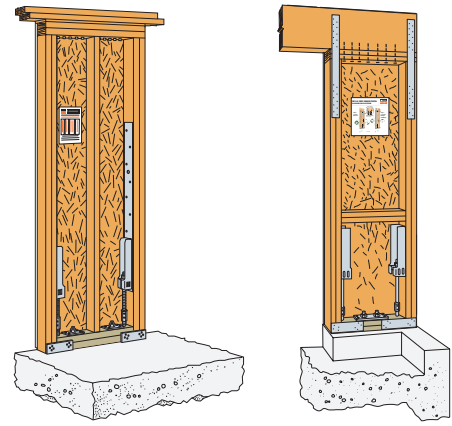
Two Story Stacked-Wall Applications

Cold-Formed Steel Applications

Complete Anchorage Solutions

### WOOD STRONG-WALL® PANEL

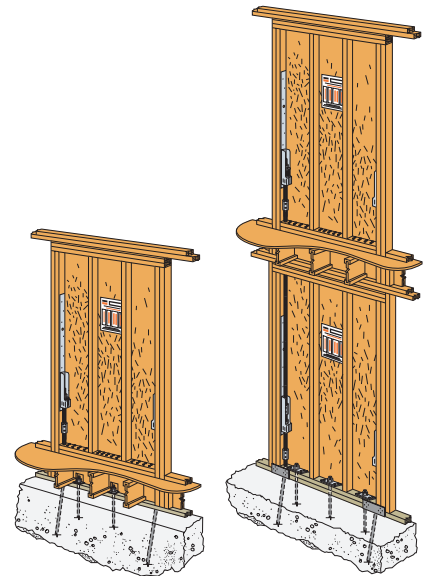
Ideal for applications around window and door openings, garage wing walls, interior walls or any other locations where additional lateral resistance is required.



Standard Wood Strong-Wall

U.S. Patent 6,643,986 and 6,453,634

Garage Portal Systems



Raised Floor Walls for 1st and 2nd Story Applications