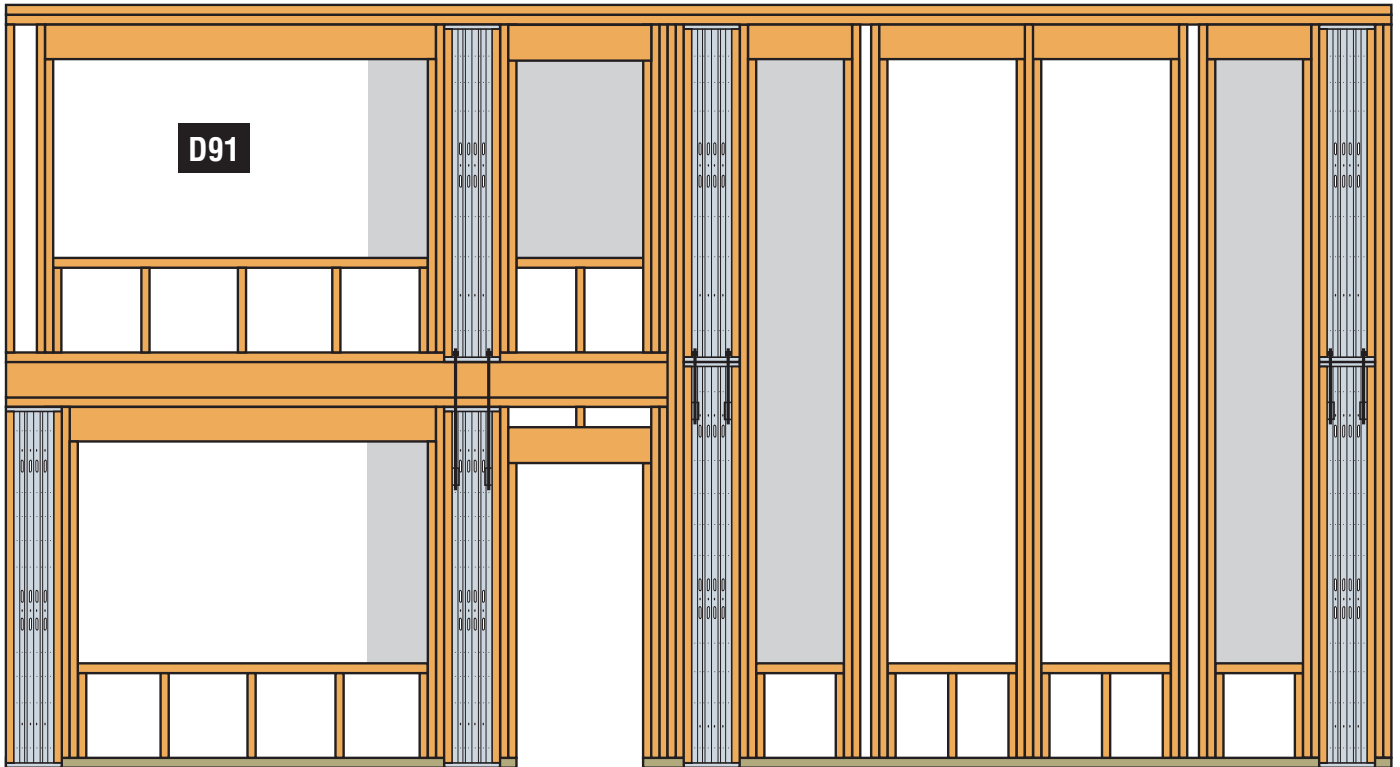


# STRONG-WALL® SHEARWALLS

The gray areas represent window openings made possible by Steel Strong-Wall® shearwalls. Simpson Strong-Tie® Steel Strong-Wall® shearwalls provide design flexibility while maintaining high lateral load capacities required in some building designs. As shown in the example below, Steel Strong-Wall® solutions increase the amount of allowable window opening space by 48 percent when compared to wider site-built shearwalls with the same capacity.



*Uplift connectors not shown for clarity*

## STEEL STRONG-WALL® SHEARWALLS

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

**D92**

**Standard and Garage Applications on Concrete Foundations**

**D93**

**D94**

**1st Story Wood Floor Application**

**D95**

**Balloon Framing Applications up to 20'**

**D96**

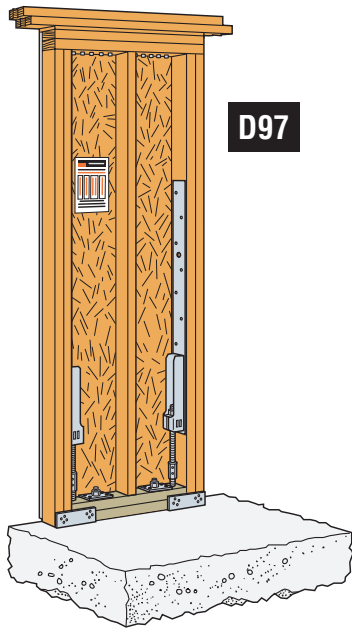
**Two Story Stacked-Wall Applications**

- Designer shall design for out-of-plane CMU wall buckling due to overturning compression
- Designer shall check compression capacity of CMU under tie beam
- Anchorage shall extend into footing with embedment per the Designer
- SSW wall design capacities per C-SW catalog

# STRONG-WALL® SHEARWALL

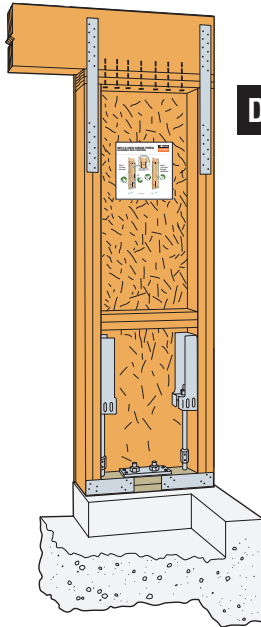
## WOOD STRONG-WALL® SHEARWALLS

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



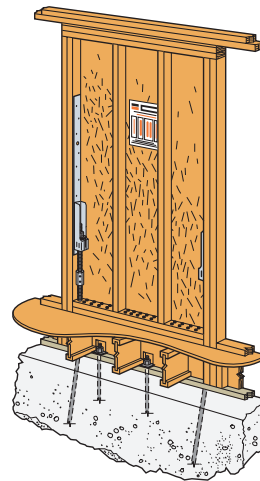
D97

Standard Wood Strong-Wall® Panel Application



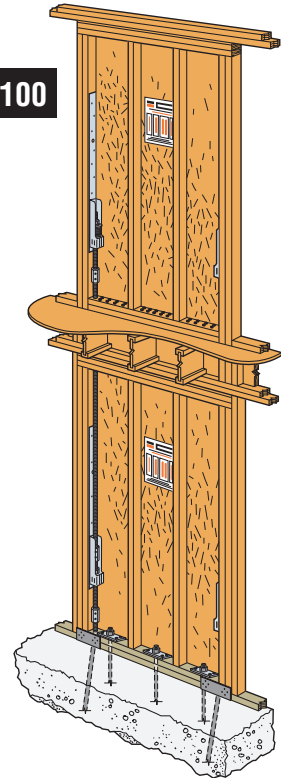
D98

Garage Portal Systems



D99

Raised Floor Walls for 1st and 2nd Story Applications



D100

## The Strong-Wall Catalog



The Simpson Strong-Tie® *Strong-Wall Shearwalls* catalog (C-SW) is the tool you need when specifying, installing or inspecting prefabricated shearwalls. This 108-page guide contains complete technical and installation information for Simpson Strong-Tie extensive line of

steel and wood walls as well as prescriptive wall bracing requirements. Twenty pages of installation details are also included to aid in correct specification and installation. Call 800-999-5099 or visit [www.strongtie.com](http://www.strongtie.com) to request your copy.

## STRONG-WALL® SELECTOR SOFTWARE

Now Simpson Strong-Tie has a tool that helps design professionals select an appropriate Wood or Steel Strong-Wall® shearwall system.

### Optimized Solution

Provides the most cost effective Strong-Wall solution based on the input shear load.

### Manual Solution

Allows designers to choose which type and number of walls meet their requirements.

- ◆ Easy to use software – free of charge
- ◆ Finds lowest cost solution
- ◆ Provides actual drift and uplift values
- ◆ Provides solutions for different model Codes
- ◆ Saves, exports, and prints solutions
- ◆ Software updates automatically

You can download the Strong-Wall® Selector Software at [www.strongtie.com](http://www.strongtie.com).



**CD Includes:**  
Code Reports, Structural Details  
and Strong-Wall® Catalog

## STRONG FRAME™ Ordinary Moment Frame



### The Strong Frame™ Catalog

The Simpson Strong-Tie® *Strong Frame™ Ordinary Moment Frame* catalog (C-SF) makes designing and building with moment frames more convenient than ever. This 76-page catalog contains 196 pre-designed solutions with 100 percent bolted connections, which make the Strong Frame ordinary moment frame an efficient, cost-effective alternative to traditional frames. The solutions in the *Strong Frame™ Ordinary Moment Frame* catalog allow greater design options, such as larger openings and smaller wall sections, while still providing the loads that structural designers need. The guide includes product information, detailed installation instructions and performance data for engineered designs as well as prescriptive wall bracing applications. To request a copy of this catalog, call 800-999-5099 or visit [www.strongtie.com](http://www.strongtie.com).