

Table of Contents

Important Information and General Notes	6–7
Introduction to the Strong Frame Ordinary Moment Frame	8–9
Product Information	10
Installation Information	11
Bolt-Tightening Requirements	12
Retrofit Information	13
Allowable Loads	
8 ft. Nominal Heights	14
9 ft. Nominal Heights	15
10 ft. Nominal Heights	16
12 ft. Nominal Heights	17
14 ft. Nominal Heights	18
18 ft. Nominal Heights	19
19 ft. Nominal Heights	20
OMFSL Anchorage Assembly	21
OMFAB Anchorage Assembly	25
Anchorage Installation Accessories	26
Anchor Bolt Layout	27
Design Examples	28
Prescriptive Wall-Bracing Solutions	31
General Notes	32
A Basic Interpretation of the Code	33
How to Use This Section of the Catalog	34
Garage-Front Applications	35
Prescriptive Wall-Bracing Locations	36
Wall Bracing and Balloon Framing	37
Possible End and Edge-Distance Configurations	38
Post-Installed Anchorage	39
Solutions Based on Foundation Type	
Wind Solutions: Stemwall / Curb / Brick Ledge	40
Seismic Solutions: Stemwall / Curb / Brick Ledge	41
Balloon-Framing Solutions: Stemwall / Curb / Brick Ledge	42
Wind Solutions: Slab-On-Grade Foundations	44
Seismic Solutions: Slab-On-Grade Foundations	46
Balloon-Framing Solutions: Slab-On-Grade Foundations	48
Interior Solutions: Slab-On-Grade Foundations	50
Wind Solutions: Stemwall Foundations	52
Seismic Solutions: Stemwall Foundations	54
Wind Solutions: Concrete-Masonry Foundations	57
Solutions for Footing and Grade Beam	59
Top-Flange Joist Hangers	61
Installation and Anchorage Details	62

This catalog is effective until December 31, 2009, and supersedes all information in all earlier publications, including catalogs, brochures, fliers, technical bulletins, etc. Use this edition as a current printed reference. Information on allowable loads and configurations is updated annually.

We post our catalogs on www.strongtie.com. Please visit our site, and sign up for any information updates. Allowable loads in this catalog are for the described specific applications of properly-installed products. Product modifications, improper loading or installation procedures, or deviations from recommended applications will affect allowable load-carrying capacities.