





Seismic



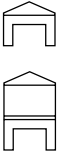
Wall Selection and Anchorage Classification:

GARAGE FRONT APPLICATIONS (7' to 8' Tall)

Equivalent Wall-Bracing Length (ft)	Wall Model	Single-Story Application		1st Story of 2- or 3-Story Application	
		Base Material Under Wall		Base Material Under Wall	
		Concrete 	CMU 	Concrete 	CMU 
4	SSW12x7 w/SSWP-KT	B	B	D	NS
	SSW15x7 w/SSWP-KT	B	B	C	NS
	SSW18x7 w/SSWP-KT	A	A	B	C
	SSW12x8 w/SSWP-KT	B	C	D	NS
	SSW15x8 w/SSWP-KT	B	B	C	NS
	SSW18x8 w/SSWP-KT	B	B	C	C
	SSW12x7	C	NS	D	NS
	SSW15x7	B	B	D	NS
	SSW18x7	B	B	C	C
	SSW12x8	C	NS	NS	NS
	SSW15x8	B	C	D	NS
	SSW18x8	B	B	C	D
	SW16x7x4	B	B	C	NS
	SW16x7x6	B	B	C	C
	SW22x7x4	A	A	B	B
	SW22x7x6	A	A	B	B
	SW16x8x4	B	B	C	NS
	SW16x8x6	B	B	C	C
SW22x8x4	A	A	B	B	
SW22x8x6	A	A	B	B	
6	SSW12x7 w/SSWP-KT	C	NS	NS	NS
	SSW15x7 w/SSWP-KT	C	C	D	NS
	SSW18x7 w/SSWP-KT	B	B	D	NS
	SSW12x8 w/SSWP-KT	D	NS	NS	NS
	SSW15x8 w/SSWP-KT	C	D	E	NS
	SSW18x8 w/SSWP-KT	C	C	D	NS
	SSW12x7	D	NS	NS	NS
	SSW15x7	C	D	E	NS
	SSW18x7	B	C	D	NS
	SSW12x8	E	NS	NS	NS
	SSW15x8	D	NS	NS	NS
	SSW18x8	C	C	D	NS
	SW16x7x4	C	C	D ³	NS
	SW16x7x6	C	C	D	NS
	SW22x7x4	A	A	B	NS
	SW22x7x6	A	A	B	B
	SW16x8x4	C	C	NS	NS
	SW16x8x6	C	C	NS	NS
SW22x8x4	B	B	C	NS	
SW22x8x6	B	B	C	C	
8	SSW12x7 w/SSWP-KT	D	NS	NS	NS
	SSW15x7 w/SSWP-KT	D	NS	E	NS
	SSW18x7 w/SSWP-KT	C	C	E	NS
	SSW12x8 w/SSWP-KT	E	NS	NS	NS
	SSW15x8 w/SSWP-KT	D	NS	NS	NS
	SSW18x8 w/SSWP-KT	C	D	E	NS
	SSW15x7	D	NS	NS	NS
	SSW18x7	C	D	E	NS
	SSW15x8	E	NS	NS	NS
	SSW18x8	D	D	F	NS
	SW16x7x4	C	NS	NS	NS
	SW16x7x6	C	C	NS	NS
	SW22x7x4	B	B	C ³	NS
	SW22x7x6	B	B	C	C
	SW16x8x4	D ³	NS	NS	NS
	SW16x8x6	D	NS	NS	NS
	SW22x8x4	B	B	D ³	NS
	SW22x8x6	B	B	D	NS





1. See pages 46-69 for anchorage solutions.
2. When using SSW_x7.4 wall model, solution for SSW_x8 wall model applies.
3. Solid header required for this solution.
4. NS = No solution available.
5. See general notes for additional information.

Seismic



Wall Selection and Anchorage Classification:

GARAGE FRONT APPLICATIONS (9' to 11' Tall)

Equivalent Wall-Bracing Length (ft)	Wall Model	Single-Story Application		1st Story of 2- or 3-Story Application	
		Base Material Under Wall		Base Material Under Wall	
		Concrete 	CMU 	Concrete 	CMU 
4	SSW12x9	D	NS	NS	NS
	SSW15x9	C	C	D	NS
	SSW18x9	B	B	D	NS
	SSW12x10	D	NS	NS	NS
	SSW15x10	C	D	NS	NS
	SSW18x10	B	C	D	NS
	SSW15x11	C	D	NS	NS
	SSW18x11	C	C	D	NS
6	SSW15x9	D	NS	NS	NS
	SSW18x9	C	D	E	NS
	SSW21x9	C	C	D	E
	SSW15x10	D	NS	NS	NS
	SSW18x10	D	D	E	NS
	SSW21x10	C	C	E	E
	SSW15x11	E	NS	NS	NS
	SSW18x11	D	D	F	NS
8	SSW15x9	E	NS	NS	NS
	SSW18x9	D	E	F	NS
	SSW21x9	D	D	E	NS
	SSW24x9	C	C	E	E
	SSW18x10	E	NS	G	NS
	SSW21x10	D	D	F	NS
	SSW24x10	C	D	E	NS
	SSW18x11	E	NS	NS	NS
	SSW21x11	D	E	F	NS
	SSW24x11	D	D	E	NS

1. See pages 46-69 for anchorage solutions.
2. For 11' wall heights, increase wall-bracing length as required by IRC R301.3.
3. NS = No solution available.
4. See general notes for additional information.

