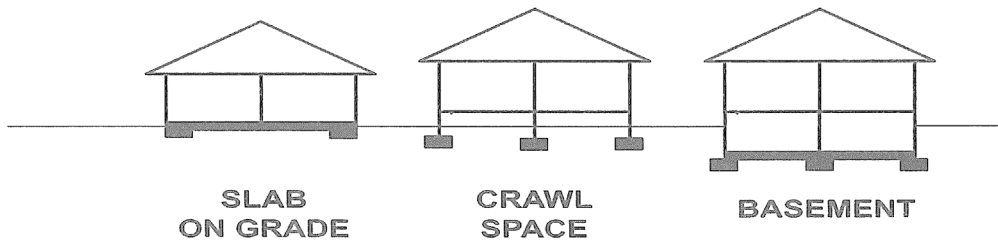




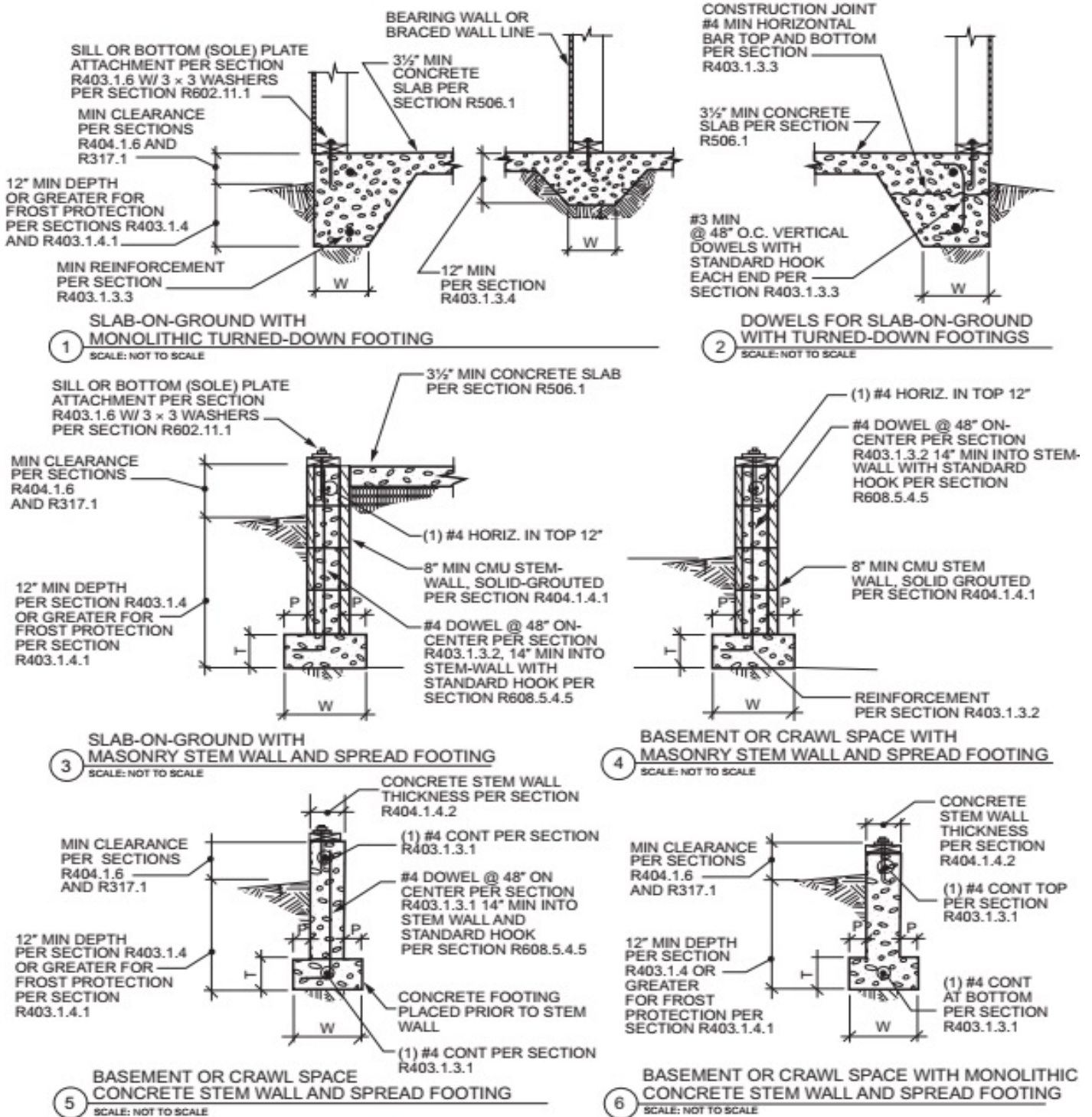
# MASON COUNTY COMMUNITY SERVICES

Building, Planning, Environmental Health, Community Health

<b>2018 International Residential Code</b>		
<b>Min. Width &amp; Thickness for Concrete- Table R403.1(3)</b>		
<b>Snow load</b>	<b>Light frame story/type of structure</b>	<b>Footing Size</b>
<b>25-30 psf</b>	1 story-slab-on-grade	12 x 6
	1 story-with crawl space	13 x 6
	1 story-plus basement	19 x 6
	2 story-slab-on-grade	12 x 6
	2 story-with crawl space	17 x 6
	2 story-with basement	23 x 6
	3 story- slab on grade	15 x 6
	3 story- with crawl space	20 x 6
	3 story- plus basement	26 x 8
<b>35-50 psf</b>	1 story-slab-on-grade	12 x 6
	1 story-with crawl space	16 x 6
	1 story-plus basement	21 x 6
	2 story-slab-on-grade	14 x 6
	2 story-with crawl space	19 x 6
	2 story-with basement	25 x 7
	3 story- slab on grade	17 x 6
	3 story- with crawl space	22 x 6
	3 story- plus basement	28 x 9
<b>55-70 psf</b>	1 story-slab-on-grade	12 x 6
	1 story-with crawl space	18 x 6
	1 story-plus basement	24 x 7
	2 story-slab-on-grade	16 x 6
	2 story-with crawl space	21 x 6
	2 story-with basement	27 x 9
	3 story- slab on grade	19 x 6
	3 story- with crawl space	25 x 7
	3 story- plus basement	30 x 10
<b>Structure widths that exceed 32 feet- for every 2 feet beyond 32 feet, add 2 inches of footing width and 1 inch of footing thickness.</b>		



## R403.1.3 Footing and Stem Wall Reinforcing in Seismic Design Categories D0, D1, and D2



W = Width of footing, T = Thickness of footing and P = Projection per [Section R403.1.1](#)

### NOTES:

1. See [Section R404.3](#) for sill requirements.
2. See [Section R403.1.6](#) for sill attachment.
3. See [Section R506.2.3](#) for vapor barrier requirements.
4. See [Section R403.1](#) for base.
5. See [Section R408](#) for under-floor [ventilation](#) and [access](#) requirements.

6. See [Section R403.1.3.5](#) for reinforcement requirements.