

**193B—5.4(544A) Exceptions matrix.** The following matrix is compiled to illustrate the exceptions outlined in Iowa Code section 544A.18. The laws and rules governing the practice of engineering are not illustrated herein.

<b>BUILDINGS NEW CONSTRUCTION</b>			
<b>Building Use Type</b>	<b>Description</b>	<b>Architect Required</b>	<b>Architect May Not Be Required</b>
Agricultural use	Including grain elevators and feed mills		X
Churches and accessory buildings whether attached or separate	One or two stories in height, up to a maximum of 2,000 square feet in gross floor area		X
	Any number of stories in height, greater than 2,000 square feet in gross floor area	X	
	More than two stories in height	X	
Commercial use	One story in height, up to a maximum of 10,000 square feet in gross floor area		X
	One story in height, greater than 10,000 square feet in gross floor area	X	
	Two stories in height, up to a maximum of 6,000 square feet in gross floor area		X
	Two stories in height, greater than 6,000 square feet of gross floor area	X	
	More than two stories in height	X	
Detached residential use	One, two or three stories in height, containing 12 or fewer family dwelling units		X
	More than 12 family dwelling units	X	
	More than three stories in height	X	
	Outbuildings in connection with detached residential buildings		X
Educational use		X	
Hazardous use		X	
Industrial use		X	
Institutional use		X	
Light industrial use			X
Places of assembly		X	
Warehouse use	One story in height, up to a maximum of 10,000 square feet in gross floor area		X
	One story in height, greater than 10,000 square feet in gross floor area	X	
	More than one story in height	X	
Factory-built buildings	Any height and size, if certified by a professional engineer licensed under Iowa Code chapter 542B		X
	One or two stories in height, up to a maximum of 20,000 square feet in gross floor area		X
	One or two stories in height, greater than 20,000 square feet in gross floor area	X	
	More than two stories in height	X	
	More than 20,000 square feet in gross floor area	X	

<b>ALTERATIONS TO EXISTING BUILDINGS</b>				
<b>Alteration Type</b>	<b>Description</b>	<b>Architect Required</b>	<b>Architect May Not Be Required</b>	
Structural alterations to exempt buildings	Modifications that change the structural members, means of egress, handicap accessible path, fire resistivity or other life safety concerns		X	
Structural alterations to nonexempt buildings	Modifications that change the structural members, means of egress, handicap accessible path, fire resistivity or other life safety concerns	X		
Nonstructural alteration	That does not modify means of egress, handicap accessible path, fire resistivity or other life safety concerns		X	
	That maintains the previous type of use		X	
Nonstructural alteration that changes the use of the building from any other use to:	A place of assembly of people or public gathering	X		
	Educational use	X		
	Hazardous use	X		
	Residential use exempted	and is one, two or three stories in height and contains not more than 12 family dwelling units		X
	Residential use not exempted otherwise	and is more than three stories in height	X	
		and containing more than 12 family dwelling units	X	
Nonstructural alterations that change the use of the building from industrial or warehouse to:	Commercial or office use	and is one story in height and not greater than a maximum of 10,000 square feet in gross floor area		X
		and is one story in height and greater than 10,000 square feet in gross floor area	X	
		and is two stories in height and not greater than a maximum of 6,000 square feet in gross floor area		X
		and is two stories in height and greater than 6,000 square feet in gross floor area	X	
		and is more than two stories in height	X	
		and is greater than 10,000 square feet of gross floor area	X	
Nonstructural alterations to:	Agricultural use	Including grain elevators and feed mills		X
	Churches and accessory building uses	One or two stories in height, up to a maximum of 2,000 square feet in gross floor area		X
		Any number of stories in height, greater than 2,000 square feet in gross floor area	X	
		More than two stories in height	X	
	Commercial use	One story in height, up to a maximum of 10,000 square feet in gross floor area		X
		One story in height, greater than 10,000 square feet in gross floor area	X	
		Two stories in height, up to a maximum of 6,000 square feet in gross floor area		X
		Two stories in height, greater than 6,000 square feet in gross floor area	X	
		More than two stories in height	X	
	Detached residential buildings	One, two or three stories in height, containing 12 or fewer family dwelling units		X
More than 12 family dwelling units		X		
More than three stories in height		X		

ALTERATIONS TO EXISTING BUILDINGS				
Alteration Type	Description		Architect Required	Architect May Not Be Required
		Outbuildings in connection with detached residential buildings		X
	Educational use		X	
	Hazardous use		X	
	Industrial use		X	
	Institutional use		X	
	Light industrial use			X
	Places of assembly		X	
	Warehouse use	One story in height, up to a maximum of 10,000 square feet in gross floor area		X
		One story in height, greater than 10,000 square feet in gross floor area	X	
		More than one story in height	X	
	Factory-built buildings	Any height and size if entire building is certified by a professional engineer licensed under Iowa Code chapter 542B		X
		One or two stories in height, up to a maximum of 20,000 square feet of gross floor area		X
		One or two stories in height, greater than 20,000 square feet in gross floor area	X	
		More than two stories in height	X	
		More than 20,000 square feet in gross floor area	X	

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