

## APPENDIX A--ARCHITECTURAL MATRIX

**193B—5.4(544A) Exceptions matrix.** The following matrix is compiled to illustrate the exceptions outlined in Iowa Code section 544A.18 and rule 193B—5.2(544A). The laws and rules governing the Practice of Engineering are not illustrated herein.

<b>BUILDINGS NEW CONSTRUCTION</b>			
<i>Building Use Type</i>	<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 of gross floor area		X
	One story in height, greater than 10,000 square feet in 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	
Governmental 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	Modification which change the structural members, means of egress, handicap accessible path, fire resistivity, or other life safety concerns		X	
Structural alterations to nonexempt buildings	Modifications which change the structural members, means of egress, handicap accessible path, fire resistivity, or other life safety concerns	X		
Nonstructural alteration	Which does not modify means of egress, handicap accessible path, fire resistivity, or other life safety concerns		X	
	Which maintains the previous type of use		X	
Nonstructural alteration which changes the use of the building from any other use to:	A place of assembly of people or public gathering	X		
	Governmental use	X		
	Educational use	X		
	Hazardous use	X		
	A place of residence exempted	And is one, two or three stories in height and contains not more than 12 family dwelling units		X
	A place of residence not exempted otherwise	And is more than threes stories in height	X	
		And containing more than 12 family dwelling units	X	
Nonstructural alterations which 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 fee 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	

<b>ALTERATIONS TO EXISTING BUILDINGS (CONT)</b>				
<b>Alternative Type</b>		<b>Description</b>	<b>Architect Required</b>	<b>Architect May Not Be Required</b>
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, up to a maximum of 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	
		Outbuildings in connection with detached residential buildings		X
	Educational Use		X	
	Governmental 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		