

## Deck Plan Review Checklist 2021 IRC

	General Information	IRC Code Section
	<b>Overall dimensions on a scaled drawing showing all of the following:</b>	
	Distance off ground	
	Ledger board minimum ----- 2" X 8" PT # 2	R507.9.1.1
	Attachment to building & type of lateral support being employed	R507.9.1.3
	Lateral load connection (DTTZ 2 or other means)	R507.9.2
	Flashing detail	R507.2.4
	Type & size of decking	R507.7
	<b>Beams</b>	R507
	# of Beams	
	Size and Span of Beam(s)	R507.5
	Type / grade of wood	R317
	Beam spacing	
	<b>Joists</b>	R507
	Size and Spans of Joists	R507.6
	Type / grade of wood	R317
	Joist spacing & connection	R507.6.1
	Blocking or lateral restraint required at joist bearing locations	R507.6.2
	<b>Posts</b>	R507.4
	Size of posts - Min. 4"x4" up to 8' high	R507.4
	Type / grade of wood	R317
	Spacing of posts / piers	
	Post to beam connections	R507.5.2
	<b>Piers / Footings</b>	R507.3
	Size & Depth of piers	R507.3.1-3
	Pier Spacing	
	Post to pier connection	R507.4.1
	<b>Stair details Include</b>	R311.7
	Width - 36"	R311.7.1 CT
	Overall Vertical Rise - Not more than <b>12' 7"</b> or landing required	R311.7.3
	Risers - 8 - 1/4" Max. W/ 3/8" variation	R311.7.5.1 CT
	Treads - Minimum 9" Depth	R311.7.5.2 CT
	Guard Height - 36"	R312.1.2
	Opening spacing - 4" Sphere (Stair guard <b>4-3/8" space &amp; 6"</b> sphere @ triangular portion)	R312.1.3
	Handrails - If 4 or more risers (Continuous & Returned) 34"-38" High from nosing	R311.7.8
	Handrails Grip size -	R311.7.8.5
	Attachment of stair stringer detail	
	<b>Guards: - Required if over 30" off ground &amp; 36" horizontally</b>	R312 & R507.10
	Height -36"	R312.1.2
	Opening Spacing - 4" Sphere	R312.1.3