

DESIGN CRITERIA: SUMMARY CHART

	WOOD AND MASONRY				STEEL			
	Pages 49-65	Pages 49-69	Pages 71-85	Pages 87-105	Pages 88-91	Pages 102-103	Pages 87-105	Pages 87-105
GIVE SPECIAL CONSIDERATION TO THE SYSTEMS INDICATED IF YOU WISH TO:	Platform Frame	Timber Frame	Ordinary Construction	Mill Construction	Light Gauge Steel Framing	Single-Story Rigid Steel Frame	Steel Frame—Hinged Connections	Steel Frame—Rigid Connections
Create a highly irregular building form	●		●		●			
Expose the structure while retaining a high fire-resistance rating		●		●				
Allow column placements that deviate from a regular grid								
Minimize floor thickness								
Minimize the area occupied by columns or bearing walls						●	●	●
Allow for changes in the building over time	●	●	●	●	●		●	●
Permit construction under adverse weather conditions	●	●			●	●	●	●
Minimize off-site fabrication time	●		●	●	●			
Minimize on-site erection time		●				●	●	●
Minimize construction time for a one- or two-story building	●	●			●	●	●	●
Minimize construction time for a 4- to 20-story building							●	●
Minimize construction time for a building 30 stories or more in height							●	●
Avoid the need for diagonal bracing or shear walls						●		●
Minimize the dead load on a foundation	●	●			●	●	●	●
Minimize structural distress due to unstable foundation conditions	●	●					●	
Minimize the number of separate trades needed to complete a building			●	●				
Provide concealed spaces for ducts, pipes, etc.	●		●		●			