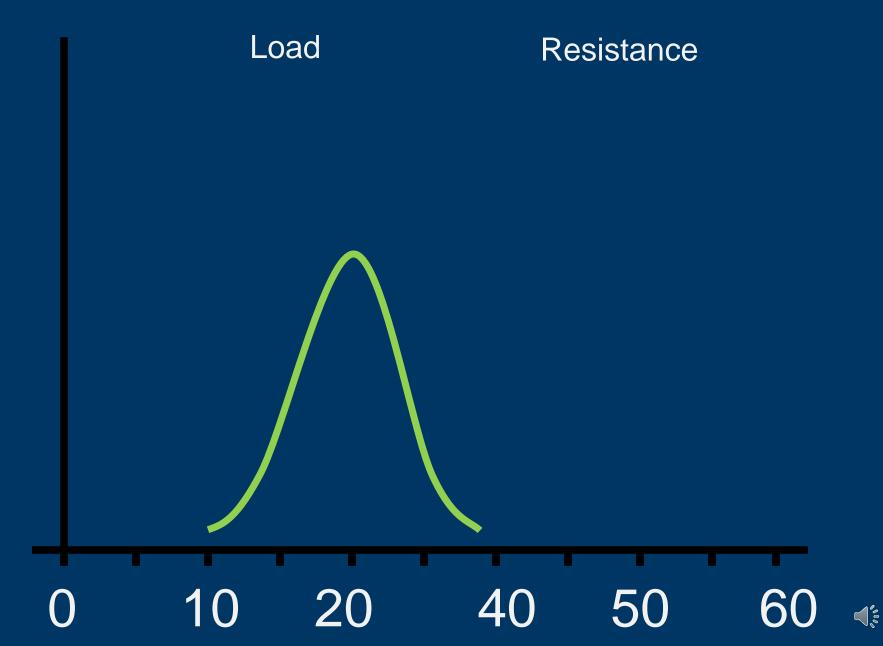
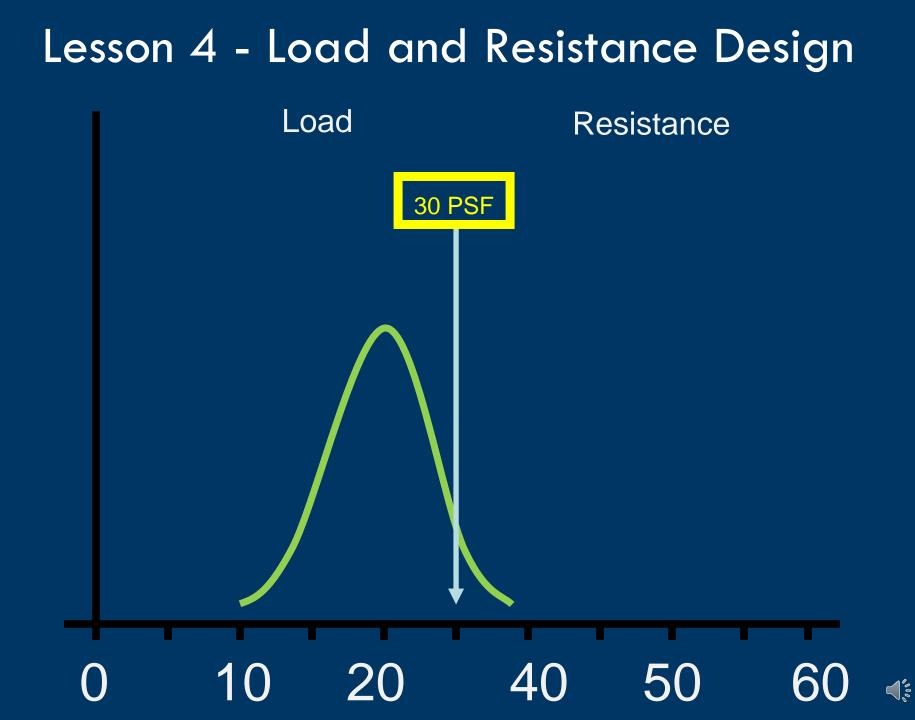
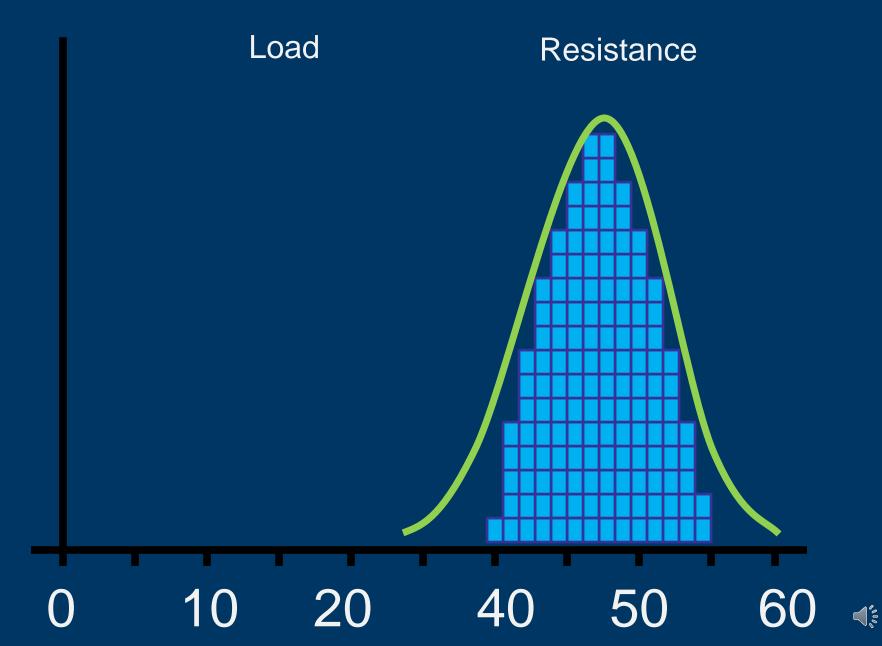
Lesson 4 Structural Member Design

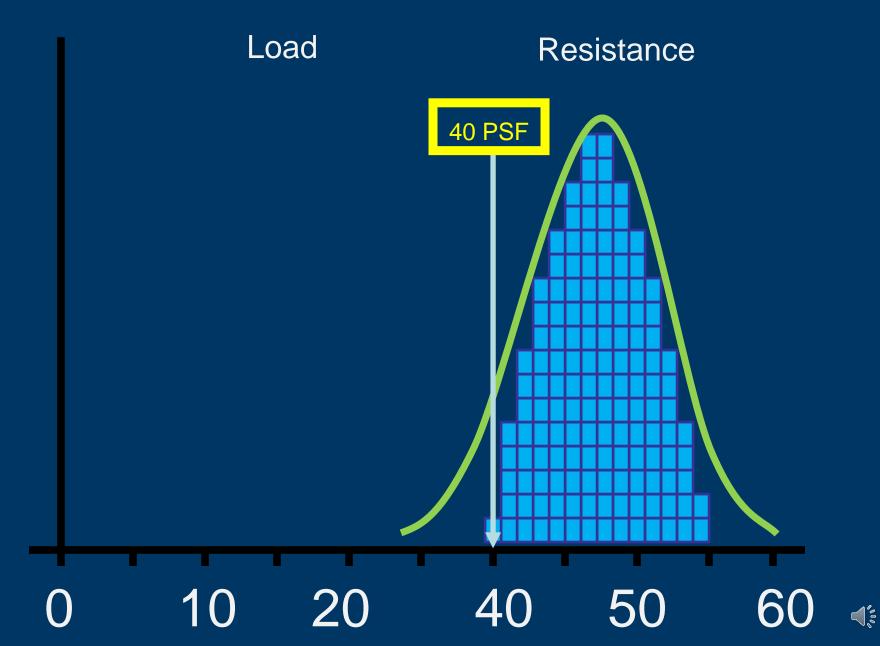
What is required?

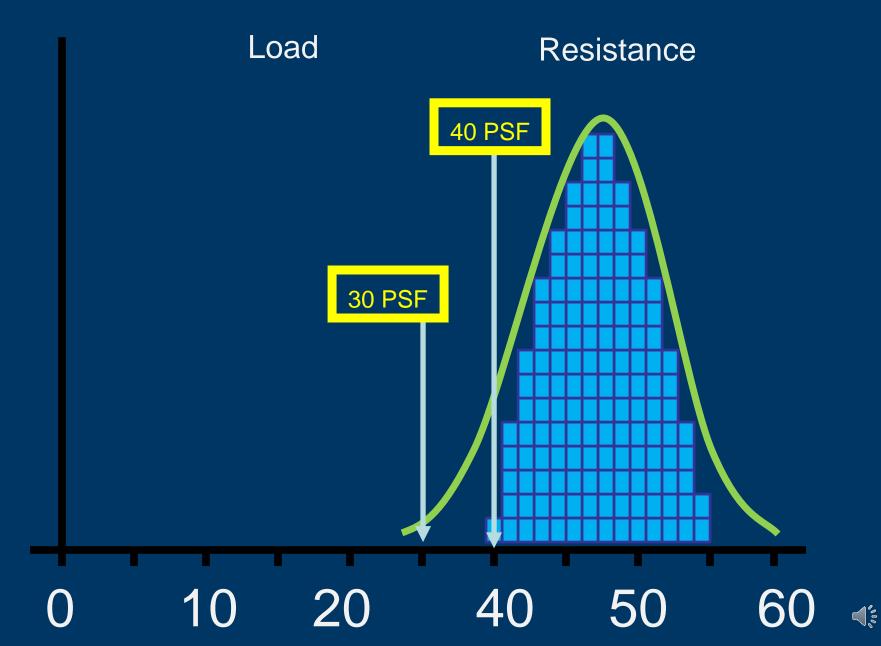
What is a "designed" structural member?

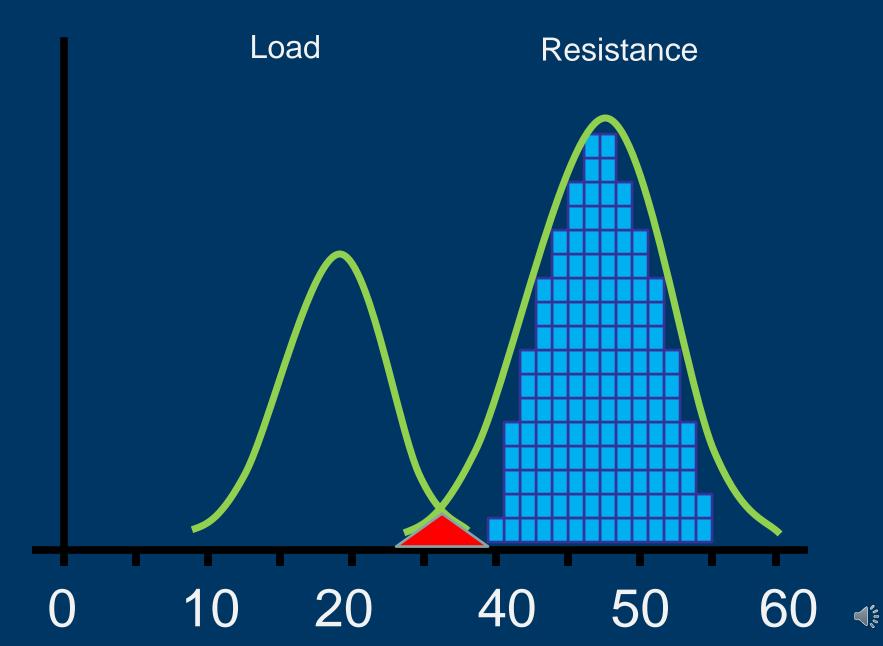




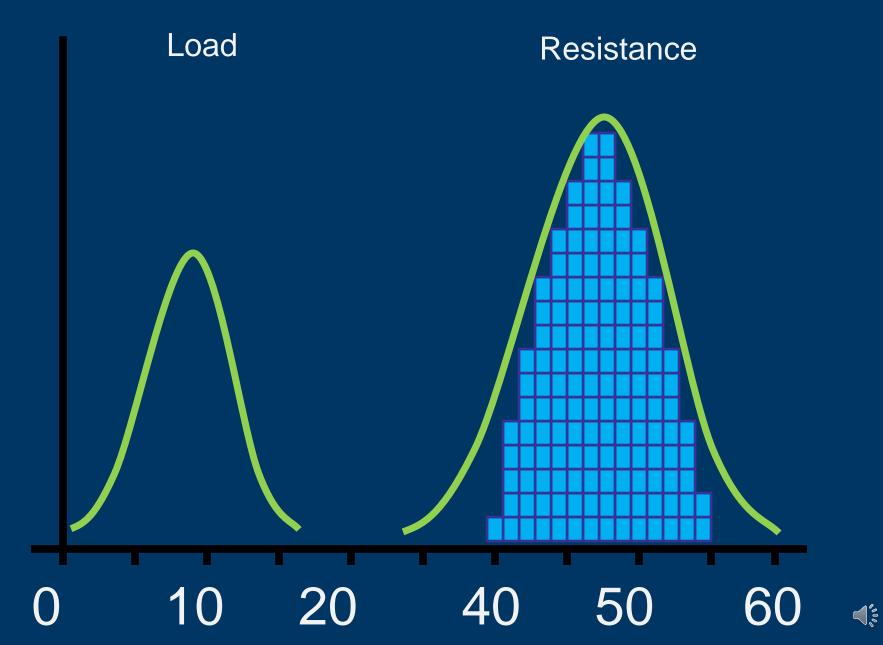


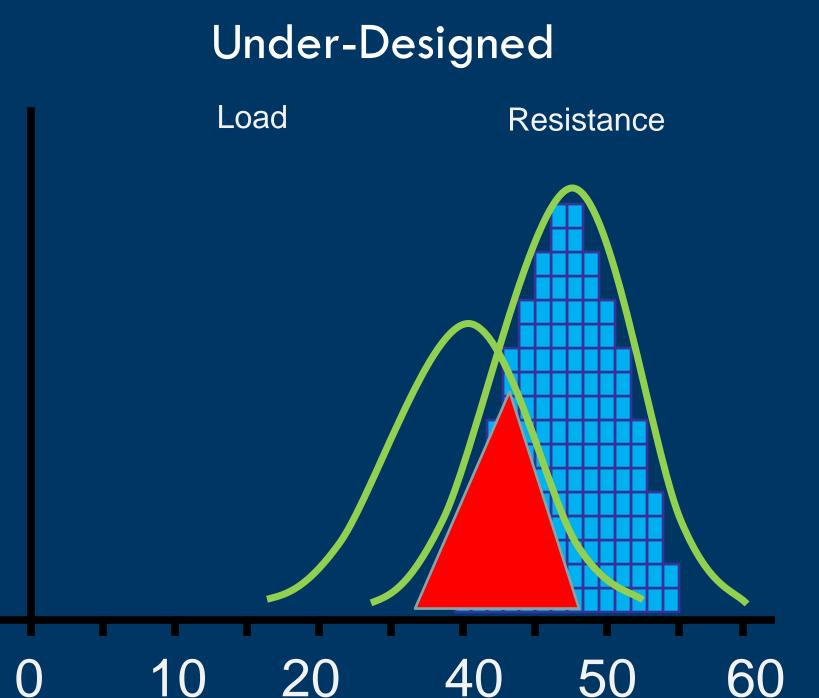












New Design – "The Team"

1. Owner 2. Architect 10 % 3. Engineers 1 % 4. Contractor 100 % Building Official

New Design – "The Team" 1. Owner 2. A & E Firm

10 %

3. Contractor 100 %

Building
 Official

New Design – "The Team"

1. Owner

2. Full Service

Contractor,

Architects,

Engineer

100 %

Building
 Official

New Design – "The Team"

 Owner =
 Full Service
 Contractor,
 Architects,
 Engineers

200 %

Building
 Official

New Design – "The Team"			
1. Owner	1. Owner	1. Owner	1. Owner =
2. Architect	2. A & E Firm	2. Full Service	Full Service
10 %	10 %	Contractor,	Contractor, Architects,
3. Engineers		Architects, Engineer	Engineers
1 %		Lingineer	
4. Contractor	3. Contractor	100 %	200 %
100 %	100 %		200 %
Building	• Building	• Building	• Building
Official	Official	Official	Official

Bad Quotes

" Anyone can design and build a building...

we make it just stand up."



