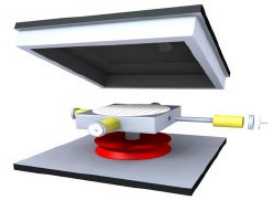




# EQS Building Bearing System Design Questionnaire



For a fillable version online, please visit [rjwatson.com](http://rjwatson.com), hover over the services tab at the top, and click on design services.

## ***Project***

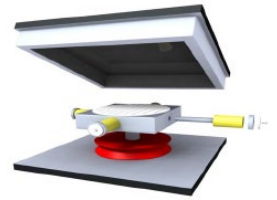
<i>Name &amp; Contract Number:</i>	
<i>Owner:</i>	
<i>Consultant:</i>	
<b><i>Contact Information</i></b>	
<i>Name:</i>	
<i>Phone:</i>	
<i>Email:</i>	
<i>EQS Bearing Quantity:</i>	
<i>Estimated Project Bid Date:</i>	

## ***Structure***

<b><i>Superstructure Information</i></b>	
<i>Type (Steel or Concrete):</i>	
<i>Strength (Yield or Compressive (f'c)):</i>	
<i>Beam/Girder Flange Dimensions:</i>	
<i>Span Length(s):</i>	
<i>Slope at Bearing Locations:</i>	
<b><i>Substructure Information</i></b>	
<i>Type (Steel or Concrete):</i>	
<i>Strength (Yield or Compressive (f'c)):</i>	
<i>Bearing Pedestal Dimensions:</i>	
<i>Bearing Anchorage:</i>	
<i>Materials:</i>	
<i>Coating:</i>	
<i>Embed Depth:</i>	
<i>Existing Bearing Heights (If Required to Match Heights):</i>	



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## Design

*Design Goal (Rehab, Replace, New Design, etc.):*

*Design Method (ASD, LFD, or LRFD):*

### Seismic Design Data

*Response Acceleration at Period of 1-sec ( $S_1$ ):*

*Site Class Coefficient ( $F_v$ ):*

*Seismic Design Category:*

*Site Specific Response Spectrum (if applicable):*

*Design Temperature Range:*

### Specifications (including dates/editions)

*AASHTO, AISC, ASCE, etc.*

*Standard and/or Guide Spec.:*

*State Standard:*

### Bearing Materials

*Type of Steel:*

*Coating (paint, galvanize, metalize):*

## Testing

### Specifications (including dates/editions)

*AASHTO, AISC, ASCE, etc.*

*Standard and/or Guide Spec.:*

*State Standard:*

*Special Testing Requirements (if applicable):*

**Please fill in design requirement table on next page.**



# EQS Building Bearing System Design Questionnaire



## Design Requirements

Units: Load: Displacement: Rotation:			Substructure Location(s)	Substructure Location(s)	Substructure Location(s)	Substructure Location(s)
<b>Isolation Bearing Quantity:</b>						
<b>Load (Denote: Unfactored or Factored)</b>	Axial	Dead:				
		Live:				
		Other:				
		Total:				
Net Uplift (If Applicable):						
<b>Rotation (+/-) (Denote: Unfactored or Factored)</b>	Due to all Applicable Loads:					
	Due to Fab. & Const. Tol.:					
	Total:					
<b>Service Forces (Denote Unfactored or Factored)</b>	Wind:					
	Snow:					
	Other:					
<b>Max Seismic Force Goal (per bearing)</b>	Longitudinal:					
	Transverse:					
<b>Max Seismic Displacement Goal (across bearing)</b>	Longitudinal:					
	Transverse:					
<b>Displacement (+/-)</b>	Longitudinal	Thermal, Creep, Shrink:				
	Transverse	Thermal:				
<b>Method of attachment to superstructure :</b>						
<b>Method of attachment to substructure:</b>						

If any of the above information is not known at this time, typical assumptions can be used for an estimate. For example, a typical design rotation is  $\pm 0.02$  radians.

Please fill out and email this form to [sales@rjwatson.com](mailto:sales@rjwatson.com)