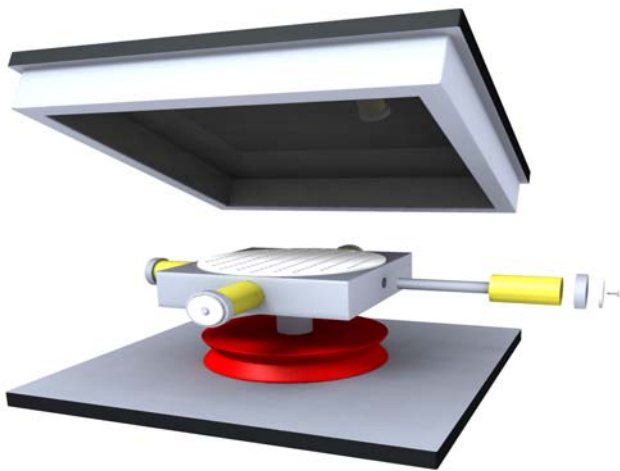


EradiQuake Isolation Bearings

Design Questionnaire

11035 Walden Ave
Alden, New York 14004
PH: 716-901-7020
FX: 716-901-7015
www.rjwatson.com



Project

Name/Contract No.:

Owner:

Consultant:

Contact Information:

Name:

Telephone:

E-mail:

EradiQuake Bearing Quantity:

Estimated Project Bid Date:

Structure

Superstructure Information:

Type (Steel or Concrete):

Strength (Yield or Compressive ($f'c$)):

Slope at Bearing Locations (if applicable):

Substructure Information:

Type (Steel or Concrete):

Strength (Yield or Compressive ($f'c$)):

Bearing Pedestal Dimensions:

Design

Design Goal:

Retrofit or New Design:

Design Method - ASD, LRFD, etc:

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:

Units - English or Metric:

Specifications (including dates/editions):

AISC, AASHTO, ASCE, etc.:

Bearing Materials:

Type of Steel:

Coating (paint, galvanize, metalize):

Testing

Specifications (including dates/editions):

AISC, AASHTO, ASCE, etc.:

Design Requirements

Building Reactions

Indicate Units: Load: Displacement: Rotation:			Sub-structure Location	Sub-structure Location	Sub-structure Location	Sub-structure Location
Bearing Quantity						
Load <i>per bearing</i> (Denote: unfactored or factored)	Axial	Dead				
		Live				
		Other				
		Total				
Rotation (+/-)	Due to all applicable loads					
	Due to fab & const tol.					
	Total					
Horizontal Service Forces <i>per bearing</i> (Denote: unfactored or factored)	Wind					
	Snow					
	Other					
Max Seismic Force Goal <i>per bearing</i>	Longitudinal					
	Transverse					
Max Seismic Displacement Goal <i>across bearing</i>	Longitudinal					
	Transverse					
Movement (+/-)	Longitudinal	RST				
	Transverse	RST				
Type of attachment to super structure						
Type of attachment to sub structure						

If any of the above information is not known at this time, some assumptions can be used for an estimate. For example, a typical design rotation is +/-0.015 radians.