ENTRY FORM

DVASE
2017 Excellence in Structural Engineering Awards Program

PROJECT CATEGORY (check one):

Buildings under $2M		Buildings Over $100M	
Buildings $2M-$10M		Other Structures Under $5M	
Buildings $10M - $30M		Other Structures Over $5M	
Buildings $30M - $100M	X	Single Family Home	

Approximate construction cost of facility submitted:	$90 Million
Name of Project:	One Riverside
Location of Project:	Philadelphia, PA
Date construction was completed (M/Y):	12/2016
Structural Design Firm:	The Harman Group, Inc.
Affiliation:	**All entries must be submitted by DVASE member firms or members.**
Architect:	Cecil Baker & Partners
General Contractor:	INTECH Construction

Company Logo (insert .jpg in box below)

Important Notes:

- Please .pdf your completed entry form and email to bkoroncai@barrhorstman.com.
- Please also email separately 2-3 of the best .jpg images of your project, for the slide presentation at the May dinner and for the DVASE website. Include a brief (approx. 4 sentences) summary of the project for the DVASE Awards Presentation with this separate email.

Provide a concise project description in the following box (one page maximum). Include the significant aspects of the project and their relationship to the judging criteria.

The Harman Group provided structural engineering and parking consulting services for One Riverside, a 168,000 square foot, 82-unit residential condominium complex in Philadelphia. Standing 22 stories tall, the cast-in-place concrete luxury residential building features studio, one- and two-bedroom apartments, a ground floor lobby and amenities.

To ensure the best possible residential spaces, the exterior columns were brought to the interior, allowing for floor-to-ceiling windows which offer unobstructed views of University City, Center City and the Riverfront. The project also features luxury amenities, including a 60-foot indoor pool; a Club Room with catering and a fully-equipped Business Center; landscaped terraces including a lush private garden, an outdoor sundeck overlooking the Schuylkill River; a café and two levels of covered underground parking as well as a drive-up motor court.

Due to the project's location in the Schuylkill River flood plain and with the high water table at the site, occupied spaces of the building were elevated above the flood plain, with the underground parking garage located below the water table and below the flood plain. The podium, which is partially underground and contains the parking area, was designed to resist hydrostatic pressure via the use of rock anchors and a pressure raft.

Cast-in-place concrete was chosen for the structural frame to maximize the ceiling heights and maintain a sleek modern look to the building. The concrete frame attained the required column grid spacing economically and provided a robust lateral wind and seismic force resisting system.

- The following 5 pages (maximum) can be used to portray your project to the awards committee through photos, renderings, sketches, plans, etc…

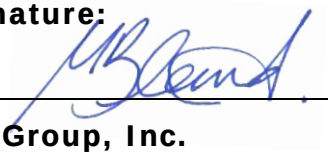

SIDEWALK
CLOSED
PLEASE USE
CROSSWALK

By signing, signatory agrees to the following and represents that he or she is authorized to sign for the structural design firm of record:

All entries become the property of DVASE and will not be returned. By entering, the entrant grants a royalty-free license is granted to DVASE to use any copyrighted material submitted.

If selected as an award winner, you may be offered the opportunity to present your project at a DVASE breakfast seminar. Would you be willing to present to your colleagues? ☑ ***YES*** ***NO***

Submitted by:

Print name: **Malcolm D. Bland, PE, LEED AP**	**Signature:** 	**Date:** **April 17, 2017**

Submitting Firm:	**The Harman Group, Inc.**	
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