

# ENTRY FORM



## DVASE 2019 Excellence in Structural Engineering Awards Program

### PROJECT CATEGORY (check one):

Buildings under \$5M		Buildings Over \$100M	
Buildings \$5M-\$15M		Other Structures Under \$1M	
Buildings \$15M - \$40M		Other Structures Over \$1M	
Buildings \$40M - \$100M	X	Single Family Home	

Approximate construction cost of facility submitted:	\$44 million
Name of Project:	Vue32
Location of Project:	Philadelphia, PA
Date construction was completed (M/Y):	11/2017
Structural Design Firm:	The Harman Group, Inc.
Affiliation:	<b>All entries must be submitted by DVASE member firms or members.</b>
Architect:	Erdy McHenry Architects LLC
General Contractor:	Intech

Company Logo (insert .jpg in box below)



### Important Notes:

- Please .pdf your completed entry form and email to [bsagusti@barrhorstman.com](mailto:bsagusti@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.

Vue32, a 17-story, 175,000 square foot mixed-use project located at Drexel University's campus, includes 164 market rate one-and two-bedroom apartments, residential amenities such as a fitness center, game room, library, and rooftop deck, as well as an early learning childcare center. The pre-kindergarten facility is situated on the lower two floors and can accommodate up to 180 school children. Additional features include a structured community plaza and garden and underground parking lot.

Due to the complicated geometry and varying floor to floor heights with the different uses, a structural steel and plank system was selected.

Significant structural challenges were presented due to the column grid shift from the tower to the day care to the lower level parking. These challenges were met with full height transfer trusses and significant transfer beams including several building cantilevers.

Additional challenges nesting the mechanical areas between the parking and the day care necessitated integrating the structure within the slab and hanging it from deeper transfers above.

Lastly, the ground floor show cased architecturally exposed concrete for exterior walkways, stairs, walls and parapets.

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











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:

<b>Print name:</b> Janis Vacca, PE, LEED AP	<b>Signature:</b> 	<b>Date:</b> 3/22/2019
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