

ENTRY FORM



DVASE 2016 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:	\$42,000,000.00
Entry Fee:	FREE
Name of Project:	3600 Civic Center Boulevard Parking Garage
Location of Project:	Philadelphia, PA
Date construction was completed (M/Y):	March 2015
Structural Design Firm:	Timothy Haahs & Associates, Inc.
Affiliation:	All entries must be submitted by DVASE member firms or members.
Architect:	Timothy Haahs & Associates, Inc.
General Contractor:	L.F. Driscoll

Company Logo (insert .jpg in box below)



Important Notes:

- Please .pdf your completed entry form and email to bkoroncai@barrpino.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 University of Pennsylvania Health System has been a leader in medicine for more than 240 years and has expanded medical frontiers by creating some of the nation's earliest medical programs. For UPHS, Tim Haahs provided parking planning and design services, including architectural and engineering services for the new 3600 Civic Center Boulevard parking garage. The garage is located on Center City's Civic Center Boulevard, where the former Pennsylvania Hall was located. This garage was designed to serve a future high-rise medical office building structure adjacent to the north.

The 1,000-space garage features over nine levels of parking for Penn Medicine employees, visitors, and patients. The transportation center is a spacious and air conditioned centralized hub where the shuttle drop-off area and the drop-off area for Penn Medicine patients and visitors is located. The design of the garage creates several zones that accommodate the different user groups and their specific needs and provides clear and safe pedestrian and vehicular circulation through the spaces. There are multiple entry/exit portals for the garage that each serve a different purpose and prevent clashes:

- The main entry/exit for cars and shuttles is located on the second tier, on the east side of the façade. This entry/exit is off of West Service Drive.
- The valet entry/exit is at the ground tier, on the south side of the façade. This entry/exit is off of Health Sciences Drive.
- Exit lanes are located at the ground tier, on the west side of the façade. These lanes are off of Health Sciences Drive.

Pedestrian walkways are located at the northwest, northeast, and southeast corners of the garage. The two underground parking levels are dedicated to valet services and key rooms and are also equipped with automatic sprinkler systems and mechanical ventilation systems. The garage includes user friendly wayfinding signage with color coordinated painted lobbies for visibility and aesthetic appeal. The precast structure is designed for long term durability and low cost maintenance and the top tier of the garage is designed for a future green roof.

Sustainability features include a storm water management system, LED light fixtures, and a future green roof. The garage has a unique metal screen wall along the west and south sides of it. Its design creates a dynamic façade that differs depending on the viewing angle. This garage was designed with the future growth of the University of Pennsylvania Health System in mind.

- 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 to DVASE to use any copyrighted material submitted.

Submitted by:

Print name: Noli Alarcon, PE	Signature: 	Date: 4/18/2016
Submitting Firm:	Timothy Haahs & Associates, Inc.	
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