

# ENTRY FORM



## DVASE 2019 Excellence in Structural Engineering Awards Program

### PROJECT CATEGORY (check one):

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

|                                                      |                                                                        |
|------------------------------------------------------|------------------------------------------------------------------------|
| Approximate construction cost of facility submitted: | 12.4 Million Dollars                                                   |
| Name of Project:                                     | Valley Wellness Center                                                 |
| Location of Project:                                 | 4415 Innovation Way, Allentown, PA 18109                               |
| Date construction was completed (M/Y):               | August 2018                                                            |
| Structural Design Firm:                              | Pennoni Associates Inc.                                                |
| Affiliation:                                         | <b>All entries must be submitted by DVASE member firms or members.</b> |
| Architect:                                           | MKSD Architects                                                        |
| General Contractor:                                  | Serfass Construction                                                   |

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.

The Valley Wellness Center was the idea and passion of owner, Dr. Steven Mortazavi, MD. The approximate 54,000 square foot facility includes exercise and work out areas, a full gymnasium, and indoor lap pool. As well as; water aerobics pool, outside pool, a spa, and a smoothie bar. The site had active sinkholes on the property when the project design began. The entire design team worked together with the construction manager to bring the owners' vision to reality. The building consists of three separate design areas; the indoor pool, the gym, and the workout area. The pool and gym areas are separated by rated walls and are framed with long span steel bar joists on CMU bearing walls. The workout area has varying roof elevations with a two-story area. At the main entrance, a round tower was constructed with a rock climbing wall. The two story workout area has a running/walking track on the second floor and is open to below. To encourage pedestrian travel, while still complying with ADA requirements, a long steel framed ramp was coordinated with the architect to access the second floor area in lieu of an elevator. The structure is supported on spread foundations designed as grade beams span soft spots due to the sinkhole prone site. The second floor was analyzed for vibrations due to rhythmic activities. At the one story portion of the work out area, the roof structure included loads for a motorized moving heavy bag system and a suspended workout area. The design work was started in 2015, building construction started in late 2016, and substantial completion was in the fall of 2018.

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









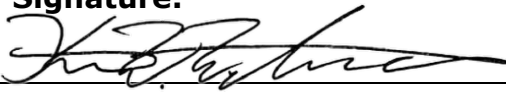


By signing, signatory agrees to the following and represents that he or she is authorized to sign for the structural design firm of record.

*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.*

*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><br>Keith Weitknecht, PE, SECB |                                               | <b>Signature:</b><br> | <b>Date:</b><br>3/29/2019 |
| <b>Submitting Firm:</b>                          | Pennoni Associates Inc.                       |                                                                                                         |                           |
| <b>Mailing address:</b>                          | 2041 Avenue C, Suite 100, Bethlehem, PA 18018 |                                                                                                         |                           |
| <b>Telephone:</b><br>610-231-0600                | <b>Fax:</b><br>610-231-2033                   | <b>Email:</b><br>KWeitknecht@pennoni.com                                                                |                           |