

# ENTRY FORM



## DVASE 2022 Excellence in Structural Engineering Awards Program

### PROJECT CATEGORY (check one):

|                          |  |                             |                                     |
|--------------------------|--|-----------------------------|-------------------------------------|
| Buildings under \$5M     |  | Buildings Over \$100M       | <input checked="" type="checkbox"/> |
| Buildings \$5M - \$15M   |  | Other Structures Under \$1M | <input type="checkbox"/>            |
| Buildings \$15M - \$40M  |  | Other Structures Over \$1M  | <input type="checkbox"/>            |
| Buildings \$40M - \$100M |  | Single Family Home          | <input type="checkbox"/>            |

|  |  |
|--|--|
| Approximate construction cost of facility submitted: | \$105M - Core & Shell only   |
| Name of Project:                                     | 2222 Market Street   |
| Location of Project:                                 | 2222 Market Street, Philadelphia                                       |
| Date construction was completed (M/Y):               | Fall 2021 (topping out)  |
| Structural Design Firm:                              | Thornton Tomasetti   |
| Affiliation:   | <b>All entries must be submitted by DVASE member firms or members.</b> |
| Architect:   | Gensler  |
| General Contractor:                                  | IMC 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 annual virtual presentation 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 building will serve as a single-tenant commercial building for Morgan Lewis & Bockius, one of the nation's leading law firms, and is the first non-Comcast commercial office building in the city's Central Business District in over 30 years.

The tower is 19 stories tall with 305,000 rentable square feet. The property is located in the heart of Philadelphia's central business district, and has commuter access to Suburban Station, 30th Street Station, and the 22nd Street trolley station all of which is within walking distance.

2222 Market will feature 10' high ceilings throughout with floor-to-ceiling glass, multiple outdoor terrace amenities, fitness center, and conference center. The building will be seeking LEED-CS Gold and Fitwell certifications.

Structural foundation systems consist of a reinforced concrete basement level, concrete drilled shafts (caissons) drilled from grade, and a slab-on-grade with underslab drainage system. The superstructure consists of steel framing with composite slab on metal deck. Lateral stiffness is provided via concentric steel braced frames, however, a concrete core wall system was also studied during design and priced by the CM team.

Structural challenges include architecturally-expressed exterior sloping columns at the ground floor level, and setbacks along the facade creating cantilevered spaces at upper levels. Thornton Tomasetti provided engineered solutions to the project's unique challenges by providing structural design services in tandem with facade design and acoustic consulting services. In addition to serving as EOR for the project, TT also performed steel connection design and engineering support for the steel fabricator.

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



<https://www.parkwaycorp.com/real-estate/2222-market-street>



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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>Stephen Kane<br>Andrew Blasetti |  | <b>Signature:</b><br><i>Stephen Kane</i><br><i>Andrew Blasetti</i> | <b>Date:</b><br>3/29/2022 |
| <b>Submitting Firm:</b>                               | Thornton Tomasetti, INC.                     |  |                           |
| <b>Mailing address:</b>                               | 1700 Market Street<br>Philadelphia, PA 19103 |  |                           |
| <b>Telephone:</b><br>267.238.4000                     | <b>Fax:</b><br>267.238.4001                  | <b>Email:</b><br>ablasetti@email.tt                                |                           |