

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	X	Other Structures Over \$1M	
Buildings \$40M - \$100M		Single Family Home	

Approximate construction cost of facility submitted:	\$23,000,000
Name of Project:	BEDFORD ARMS
Location of Project:	BROOKLYN, NY
Date construction was completed (M/Y):	IN CONSTRUCTION
Structural Design Firm:	MULHERN & KULP
Affiliation:	All entries must be submitted by DVASE member firms or members.
Architect:	JOHN SHIMENTI ARCHITECT
General Contractor:	ENGEL GROUP

Company Logo (insert .jpg in box below)



Important Notes:

- Please .pdf your completed entry form and email to 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.

Bedford Arms is a new 9 story, 94 unit affordable housing complex located in Brooklyn, NY. The building is comprised of 8 stories of hollow plank and light gage load bearing wall construction on top of a concrete transfer located at the second floor.

In order to maximize usable space, the building footprint encompassed a space that is tight against an existing 6 story building and extends to the edge of the property line. The proximity of the structure to the adjacent structure and property line required eccentric footings that cannot extend past the face of the foundation wall. Strap footings were designed within the foundation to resolve eccentric moments within the perimeter wall and column footings.

As construction progressed to the 8th floor, it was discovered that the adjacent building was out of plumb and encroaching on the new building by 2". While the X-braced light gage walls typically stack between each floor, this encroachment required the x-braced light gage wall to be offset from the braced wall at the floor below. An alternate detail was required to fasten X-brace wall end posts between the 7th and 8th floor. The revised connection was provided and the building was completed without any major interruptions.

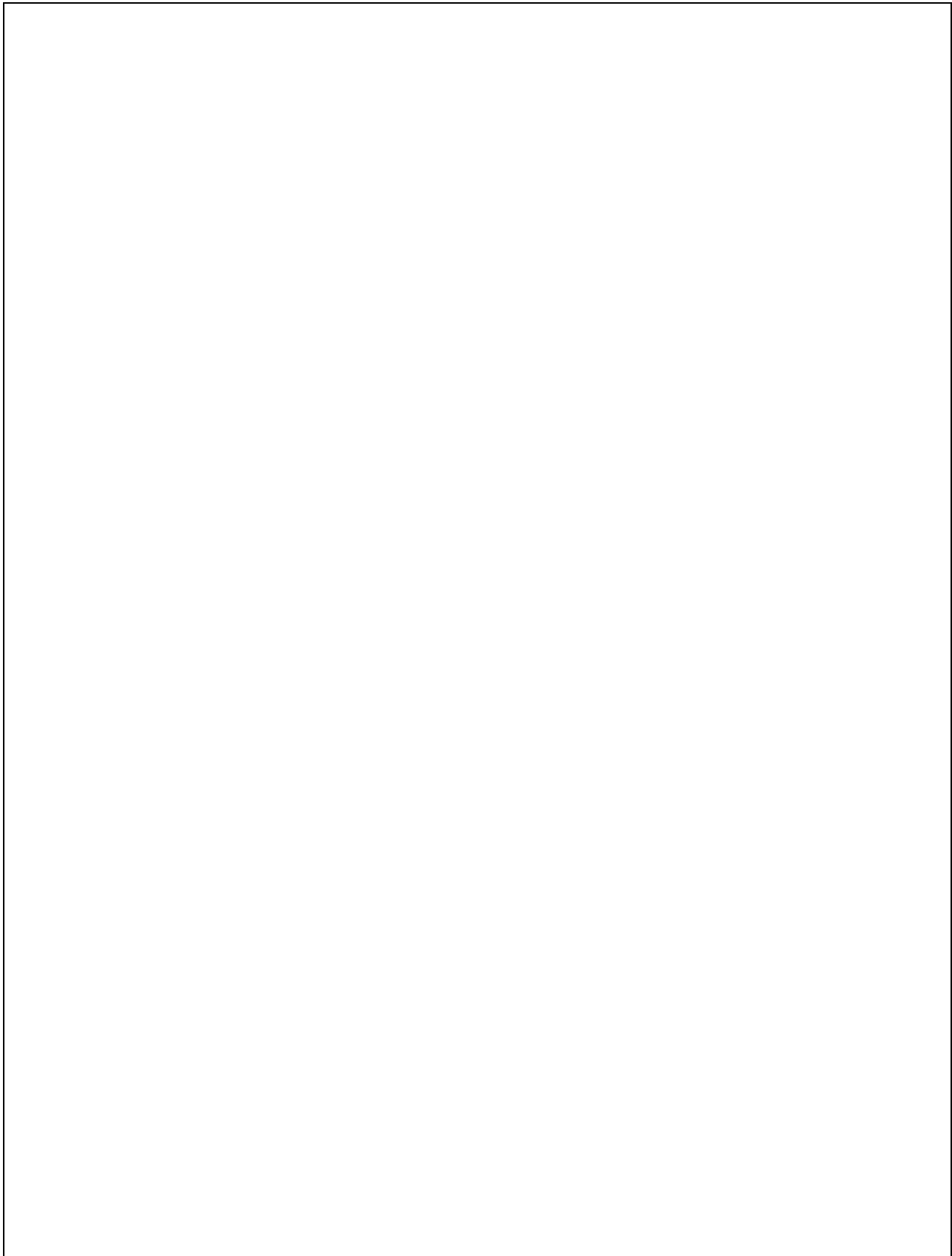
- The following 5 pages (maximum) can be used to portray your project to the awards committee through photos, renderings, sketches, plans, etc...









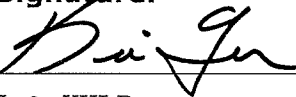


By signing, signatory agrees to the following and represents that he or she is authorized to sign for the structural design firm of record.

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:

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