

LERA

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20 June 2016 (Revised 28 June 2016)
File: P1069

Mr. Simon Koster

JDS
104 Fifth Avenue, 9th Floor
New York, NY 10011
Via E-mail: skoster@jdsdevelopment.com

9 DeKalb Avenue Foundation Peer Review Report

Dear Mr. Koster:

At the request of JDS, Leslie E. Robertson Associates, R.L.L.P. has conducted a Structural Peer Review of the foundation design of 9 DeKalb Avenue as required by New York City Building Code Section 1617. This report summarizes the extent and findings of our review.

We have reviewed the following:

- Structural Drawings issued for Foundation Permit on 9 June 2016 by WSP and Architectural Drawings, Foundation & SOE DOB Filing Set issued on April 21 by SHoP Architects, listed in Appendix A.
- *Geotechnical Report, 9 DeKalb Avenue*, dated 9 June 2016, by Mueser Rutledge Consulting Engineers, attached to this report as Appendix B.
- Structural Design Criteria shown in Drawing FO-001.00 dated 4 May 2016 and attached herewith as Appendix C.
- Structural Wind Loads, dated 16 June, 2016, by RWDI, attached to this report as Appendix D.

Through our review, we have confirmed the following aspects of the structural design, as required by Section 1617.5.1:

- the design loads conform to the Building Code;
- the design criteria and design assumptions conform to the Building Code;
- the design properly incorporates the recommendations of the geotechnical engineer;
- the design properly incorporates the recommendations of the wind tunnel laboratory;
- the structure has a complete load path;

- based on our independent calculations of representative foundations, columns, walls, beams and slabs, we find that the design of the structure has adequate strength;
- the structural plans are in general conformance with the architectural plans regarding loads and other conditions that affect the structural design; and
- the structural plans are generally complete.

Accordingly, we find the design of the foundation to be in general conformance with the structural and foundation design provisions of the Building Code.

The opinions expressed in this letter represent our professional view, based on the information made available to us. In developing these opinions, we have exercised a degree of care and skill commensurate with that exercised by professional engineers licensed in the State of New York for similar types of projects. No other warranty, expressed or implied, is made as to the professional advice included in this letter.

Very truly yours,

LESLIE E. ROBERTSON ASSOCIATES, R.L.L.P.



William J. Faschan

WJF/pi



cc: Ms. Susan Erdelyi Hamos, WSPCS
Via e-mail: Susan.ErdelyiHamos@wspcs.com

STRUCTURAL PEER REVIEW STATEMENT

This structural peer review and report, dated 28 June 2016, is complete for the foundation submission.

Structural Peer Reviewer Name: William J. Faschan
Leslie E. Robertson Associates

Structural Peer Reviewer Address: 40 Wall Street, FL 23
New York, NY 10005

Project Address: 9 DeKalb Avenue, Block #149, Lot #100

Department Application Number for Structural Work: #320914338

Structural Peer Reviewer Statement:

I, William J. Faschan, am a qualified and independent NYS licensed and registered engineer in accordance with BC Section 1627.4, and I have reviewed the structural plans, specifications, and supplemental reports for 9 DeKalb Avenue, Block #149, Lot #100, Application #320914338 and found that the structural design shown on the plans and specifications generally conforms to the foundation and structural requirements of Title 28 of the Administrative Code and the 2008 NYC Construction Codes. The Structural Peer Review Report is attached.

New York State Registered Design Professional
(for Structural Peer Review only)

Name William J. Faschan

Signature _____ Date 06/28/16



Cc: Project Owner: Mr. Simon Koster
Project Registered Design Professional: Mr. Silvian Marcus