

COMcheck Software Version 3.8.1
Envelope Compliance Certificate

90.1 (2007) Standard

Section 1: Project Information

Project Type: Alteration
Project Title : Brooklyn Philharmonic
Construction Site:
299 DeGraw Street
Brooklyn, NY 11231
Owner/Agent:
Brooklyn Philharmonic
55 Washington Street
Suite 606
Brooklyn, NY 11201
Designer/Contractor:
HOK
1065 Avenue of the Americas
6th Floor
New York, NY 10018

Section 2: General Information

Building Location (for weather data): Kings, New York
Climate Zone: 4a
Building Type for Envelope Requirements: Non-Residential
Vertical Glazing / Wall Area Pct.: 3%
Activity Type(s):
Cellar, 1st & 2nd (Common Space Types: Office - Enclosed)
Floor Area:
6398

Section 3: Requirements Checklist

Envelope PASSED						
Climate-Specific Requirements:						
Post-Alteration Assembly	R-Value		Proposed		Max. Allowed	
	Cavity	Cont.	U-Factor	SHGC	U-Factor	SHGC
Cellar: Other Floor Exemption: No cavity will be created (a)	---	---	---	---	---	---
First Floor: Other Floor Exemption: No cavity will be created (a)	---	---	---	---	---	---
Second Floor: Wood-Framed Exemption: No cavity will be created	---	---	---	---	---	---
Roof: Attic Roof with Wood Joists Exemption: Roof cavity filled with minimum R-30 inch insulation.	---	---	---	---	---	---
Exterior Wall 1: Other Mass Wall, Heat capacity 1.0 Exemption: Cavity filled with minimum R-30 inch insulation (a)	---	---	---	---	---	---
Window 1: Metal Frame with Thermal Break/Double Pane with Low-E, Clear	---	---	0.290	0.370	0.550	0.400
Door 1: Glass (> 50% glazing); Metal Frame, Clear	---	---	0.290	0.370	0.850	0.400
Door 2: Insulated Metal, Swinging	---	---	0.870	---	0.700	---

(a) Other components require supporting documentation for proposed U-factors.

Insulation:

- ☒ 1. Open-blown or poured loose-fill insulation has not been used in attic roof spaces with ceiling slope greater than 3 in 12.
☐ 2. Wherever vents occur, they are baffled to deflect incoming air above the insulation.---H/A
☒ 3. Recessed lights, equipment and ducts are not affecting insulation thickness.
☒ 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
☒ 5. All exterior insulation is covered with protective material.
☐ 6. Cargo and loading dock doors are equipped with weather seals.---H/A

Fenestration and Doors:

- ☒ 7. Windows and skylights are labeled and certified by the manufacturer for U-factor and SHGC.

Project Title: Brooklyn Philharmonic
Data filename: T:\Marketing\PROJECTS\Interiors\Brooklyn Philharmonic Music Center\E-Cad\AI\Work\SLCOMcheck\ASHRAE-
final.cck
Report date: 08/10/11
Page 1 of 2

- ☐ 8. Fixed windows and skylights unlabeled by the manufacturer have been site labeled using the default U-factor and SHGC.---H/A
☐ 9. Other unlabeled vertical fenestration, operable and fixed, that are unlabeled by the manufacturer have been site labeled using the default U-factor and SHGC. No credit has been given for metal frames with thermal breaks, low-emissivity coatings, gas fillings, or insulating spacers.---H/A

Air Leakage and Component Certification:

- ☒ 10. All joints and penetrations are caulked, gasketed, weather-stripped, or otherwise sealed.
☒ 11. Windows, doors, and skylights certified as meeting leakage requirements.
☒ 12. Component R-values & U-factors labeled as certified.
☒ 13. Other components have supporting documentation for proposed U-Factors.
☐ 14. Building entrances that separate conditioned space from the exterior have an enclosed vestibule with all doors equipped with self-closing devices. Interior and exterior doors in the closed position are no less than 7 ft apart. Conditioned vestibules comply with the requirements for a conditioned space. Unconditioned vestibules comply with the requirements of a semih conditioned space.
Exceptions:
☐ Building entrances with revolving doors.
☐ Doors not intended to be used as a building entrance.
☐ Doors opening directly from a dwelling unit.
☒ Buildings less than four stories above grade and less than 10,000 ft² in area.
☐ Doors that open directly from a space less than 3000 sq. ft. in area and is separate from the building entrance.

Section 4: Compliance Statement

Compliance Statement: The proposed envelope alteration project represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope alteration project has been designed to meet the 90.1 (2007) Standard requirements in COMcheck Version 3.8.1 and to comply with the mandatory requirements in the Requirements Checklist.

Carl Galisto

Name - Title

Signature

Date



Project
BROOKLYN
PHILHARMONIC
MUSIC CENTER
299 DeGraw Street, Brooklyn, NY 11231

Prepared for
Brooklyn Philharmonic
55 Washington Street, Suite 606
Brooklyn, NY 11201

Contract No: 79.07250.09



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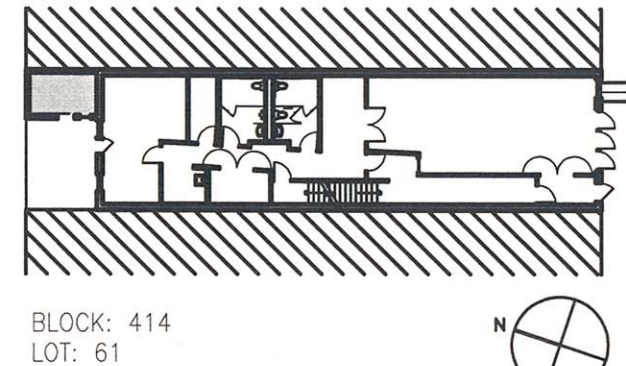
NYC Department of Design + Construction
30-30 Thompson Avenue, #5-075
Long Island City, NY 11101

Old Structures
Structural Engineers
111 Broadway, 14th Floor
New York, NY 10006

M-E Engineers
MEP Engineers
55 West 58th Street, 5th Floor
New York, NY 10018

Syska Hennessy Group
Lighting Consultant
11 West 42 Street
New York, NY 10036

Key Plan



Block: 414
Lot: 61

Professional Seals



It is a violation of the law of the State of New York for any person, working under the direction of a licensed architect, to alter any item on these drawings.

No.	Issue Description	MM-DD-YYYY
01	ISSUED FOR FILING	06-14-2012
02	ISSUED FOR 90	07-20-2012

No.	Revision Description	MM-DD-YYYY
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Drawn by SL Reviewed by SW
Project No 79.07250.09
Date June 1, 2011
CAPS ID PV467BPHL

Sheet Title

ENERGY CODE
COMPLIANCE -
ENVELOPE

Sheet Number

EN-100.00

Original drawing is 42 x 30 Do not scale contents of this drawing