



MANHATTAN (1)
280 BROADWAY 3RD FLOOR
New York, NY 10007

BRONX (2)
1932 ARTHUR AVENUE
BRONX, NY 10457

BROOKLYN (3)
210 JORALEMON STREET
BROOKLYN, NY 11201

QUEENS (4)
120-55 QUEENS BLVD.
QUEENS, NY 11424

STATEN ISLAND (5)
BORO HALL ST. GEORGE
STATEN ISLAND, NY 10301

Department of Buildings
280 Broadway
New York, New York 10007
(212) 566-5000 | TTY (212) 566-4769
nyc.gov/buildings

TR8 Technical Report for Energy Code Progress Inspections

Owner: SaiJing Chen	Date Report sent to Department of Buildings:	
Business Name: 99 Scenery LLC	Date TR8 Report Requested: 03/22/2021	
Business Address: 9949 66th Ave, Queens,NY 11374	Date of Inspection: Multiple	
E-mail: Selenachenny@yahoo.com	Time of Inspection: Multiple	
Business Phone: 646-201-8288	Weather: N/A	
Inspection Applicant: EDUARD GRINFELD	Job Application #: 421624219	Violation #:N/A
Professional License #: 066965	Premises Address: 9949 66th Ave	
Approved Agency License #: 006098	Borough: Queens	
Business Name: CMSC Construction Management&SAFETY	Zoning District: R7	
Business Address: 5735 Lawrence St,Flushing,NY 11355	Block: 2116	Lot: 56
E-mail:	Applicable Code: 2016 Energy Code	
Business Phone: 347-732-9482	Application Type: NB	

General Instructions—each report shall include:

- Photos date-stamped, labeled, with scale reference for insulation depths:
 - building site including surroundings sufficient to identify the location
 - each item inspected
- Signed and sealed certification that the complete ECC Audit Approved and/or PAA Amended and/or Enforcement Accepted documents were on site. Verify with Design Applicant.
- Signed and sealed copy of the AI1(s) used to verify most recent approved documents, with job #
- **TR8: Statement of Responsibility for Energy Code Progress Inspections** with both Design Applicant and Inspection Applicant seal and signature and job #(s)
- Include job # on each report section if there is more than one relevant job # for the address (i.e. mechanicals are a different job number from the NB).
- Description of conditions found- HOW do the conditions comply? Provide supporting documentation for all assertions of compliance.
- Deficiencies identified including but not limited to requirements identified in this document
- Additional information needed from contractor, design applicant, or owner
- Inspection Applicant seal and signature on each section
- Signed and sealed Professional Statement: “To the best of my knowledge, belief, and professional judgement, all as-built work complies with the most recent approved documents except as noted in the attached report.”

Attach this page to Reports written in the format that follows. Fill in the following forms and attach supporting documentation or follow the same format with supporting documentation in the body of the report.

Address all applicable sections and questions. If not applicable, give a reason.

Delete inspections not relevant to this job per approved TR8 Statement of Responsibility.

Refer to Table II for applicable code sections.

Send completed Reports to: Tinspections2@buildings.nyc.gov



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Per 1 RCNY §5000-01 (h) “The following progress inspections and/or testing set forth in Tables I and II shall be required when applicable to the scope of work and shall be identified/described in the supporting documentation and included on the drawings submitted to the Department. Energy Code sections cited in Tables I and II of this section shall be understood to include the section, all subsections, all tables and, when ASHRAE 90.1 is used, appendices related to the cited Energy Code section.”

FILL IN OR PROVIDE SIMILAR FORMAT

IIA Envelope Inspections				
ID	Inspection	Verification	Code section(s) and/or Table(s) reference d and/or Reference Standard	Drawing pages referenced with Dates
IIA1	Protection of exposed foundation insulation	Was exterior foundation insulation installed? NO. Floor plan and foundation plan are not designed with the space needed for exterior foundation wall insulation. R15 Batt insulation is going to be placed at interior side of the foundation wall. See Appendix IIA1.1. If so, is any insulation exposed above grade at any point along the building perimeter? Where? If so, is protective covering installed? What is it? Describe what and how compliance was demonstrated. Supporting photo #s: See APPENDIX IIA1.1-1.2	C303.2.1	A-301.00 A-501.00 EN-102.00
IIA2	Insulation placement and R-values	Are R-values marked on all installed insulation products or product certification for unmarked products provided? YES, To be finished. See APPENDIX IIA2.1- IIA2.3 Indicate all R-values found. Do all R-values conform to the approved construction documents for all envelope conditions including but not limited to: Roofs: YES, To Be Installed Walls: YES, To Be Installed Foundations: YES, See APPENDIX IIA2.4 Slab-on-grade slab edges including at cellar areaways: YES, See APPENDIX IIA2.4 Balcony thermal breaks: YES. See APPENDIX IIA2.5.	C402.1.3 C402.2.2 C402.2.3 C402.2.4 C402.2.5	A-103.02 A-301.02 Z-101.2

		Walls and ceilings of the gas meter room and/or mechanical equipment rooms that receive outside air: NO, Floors over outside air: YES, Is compliant insulation installed under or behind all radiant heating panels or floors? N/A, No radiant panels or floors in the building. Is all insulation installed according to manufacturer's instructions? YES, for example, see images in APPENDIX IIA2.1		
IIA3	Fenestration U-factor and product ratings	Do window and door NFRC labels, including gas meter room and /or equipment room that receives outside air, indicate UNIT U-factor and, if applicable, SHGC, VT, VT/SHGC ratings equal or better than those indicated in the ECC Analysis? Indicate all values found for each unit type. Doors and window not installed yet.	C402.1.4, C402.4	A101.00
IIA4	Fenestration air leakage	Do window and door NFRC labels indicate air infiltration rates in compliance with applicable code sections? Indicate all values found for each unit type. Doors and window not installed yet. A air leak report will be done and provided. Do curtain wall, storefront glazing, and revolving door testing reports indicate that the installed assembly complies with applicable code sections? Indicate all values found for each unit type. Doors and window not installed yet. A air leak report will be done and provided.	C402.5 C402.5.2	A-101.00
IIA5	Fenestration areas	Do dimensions of windows, doors, and skylights conform to the approved schedules and ECC Analysis? YES. But Doors and window not installed yet. A air leak report will be done and provided.	C402.4.1 C402.4.2	A-101.00

IIA6	Air sealing and insulation-visual inspection	Is a compliant air barrier installed across the entire building envelope including the walls and ceiling of gas meter room and mechanical room(s) that receive outside air? YES. To be installed. Are all openings and penetrations sealed so as to form an air-tight enclosure? YES, But to be installed. Do all materials and/or assemblies meet the testing requirements of their respective standards OR has building and/or assembly testing been observed and verified to be in accordance with the standard cited in the approved construction documents? YES.	C402.5.1 C402.5.1.2.2	
IIA9	Vestibules	What is the building height? 84' Are vestibules provided as indicated on the approved plans at swinging doors (without air curtains) intended to be used by the public for spaces 3k SF or greater in buildings less than 75' in height and/or for spaces 1k SF or greater for buildings 75' in height or greater? No vestibules provided in design. Are self-closing devices installed on vestibule doors? Self-closing devices will be installed on all entrance doors. Does vestibule layout allow passing through the vestibule without interior and exterior doors being open at the same time?	C402.5 C402.5.7	A201.00
(i) Energy Analysis of Constructed Conditions. In accordance with Section 28-104.3 of the Administrative Code and Section ECC 103.4, if constructed work differs from the last-approved full energy analysis, an as-built energy analysis shall be submitted to the Department, listing the actual values used in the building for all applicable Energy Code-related items and demonstrating that the building complies with the Energy Code. Such energy analysis shall be signed and sealed by a registered design professional. The progress inspector shall certify that to the best of his or her knowledge and belief the building as built complies with such signed and sealed energy analysis and construction drawings for energy code compliance; where no trade-offs have been used among disciplines, more than one registered design professional may sign and seal the elements of the energy analysis. The energy analysis shall be approved or accepted by the Department prior to sign-off. ADDITIONAL COMMENTS				

Applicant signature/seal:

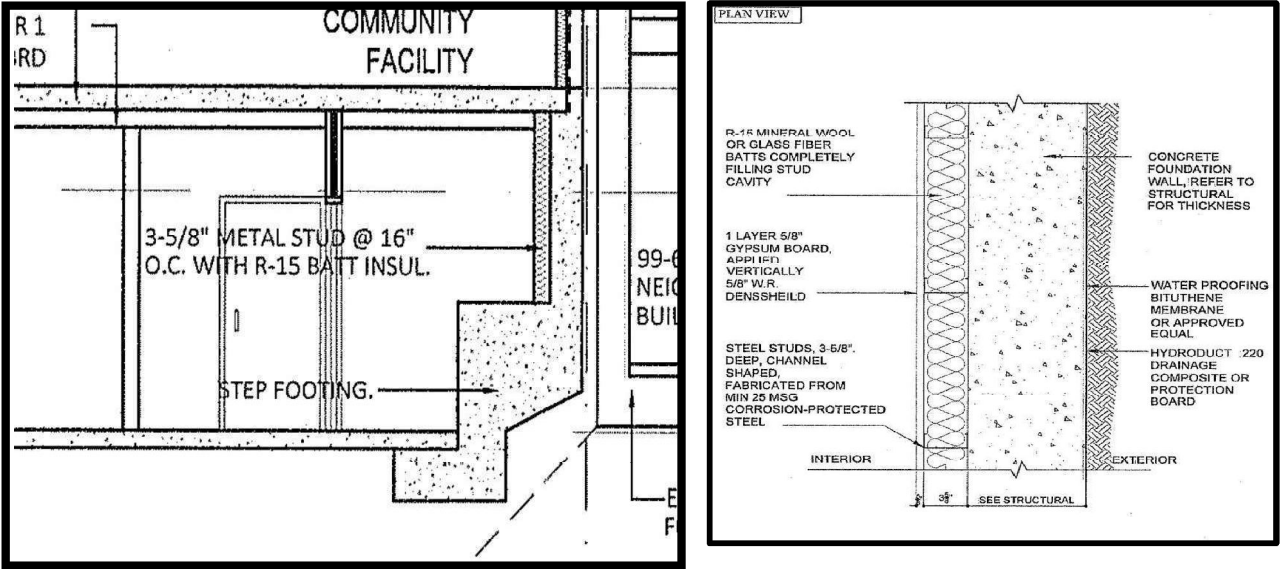


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A-301 Section A-A

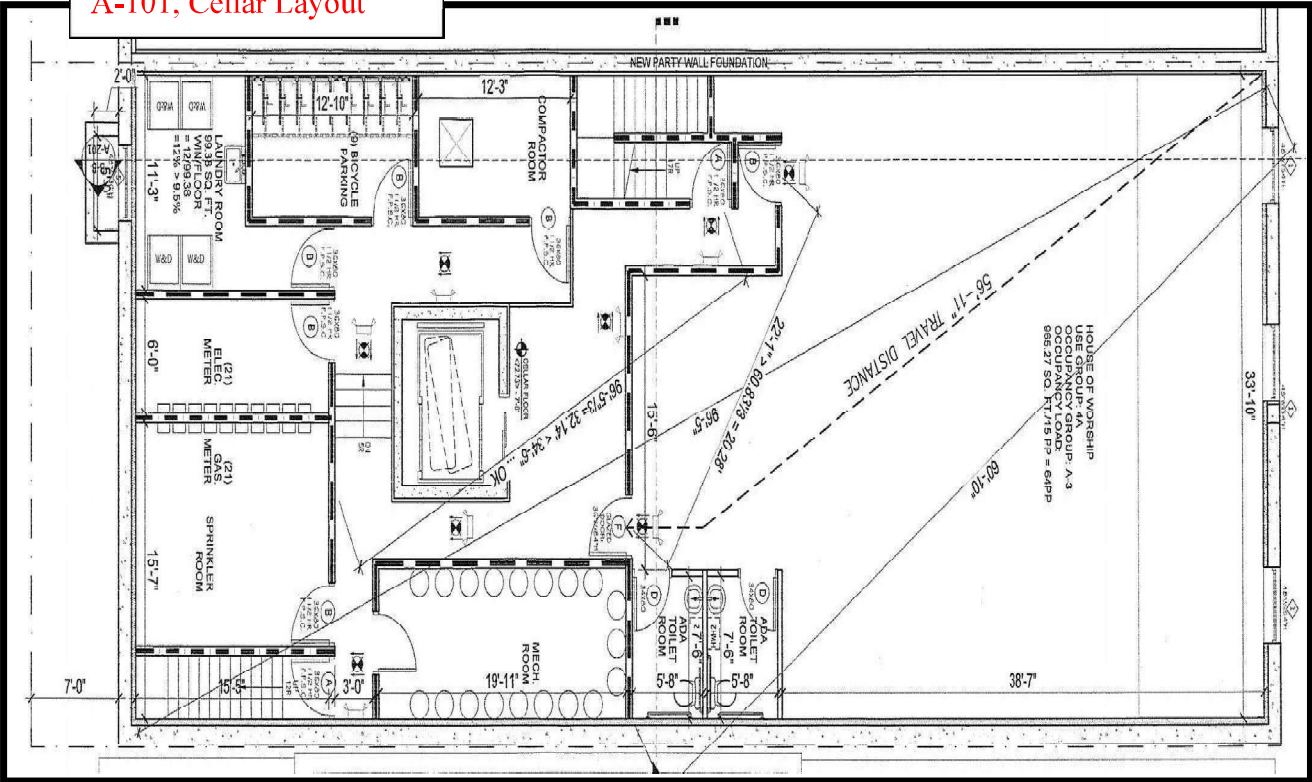
APPENDIX IIA1.1 –Exposed Foundation Wall



APPENDIX IIA1.1 – Protection of Exposed Foundation Insulation

Section C indicates there is a existing foundation wall, which matches floor plan design in A-101. Width of the lot is 36', designed foundation width is 35'10". When there is no separation in section C-1. Both designs do not indicate the required exterior foundation insulation, Subcontractor was told to install rigid insulation, such insulation was later on installed at the interior side of the cellar foundation wall.

A-101, Cellar Layout



APPENDIX IIA1.2 – Foundation Phase Images (Drawing Ref. FO-201.01)



Date: 12/15//2020



Date: 01/07/2021

APPENDIX IIA2.1 – Insulation Placement and R-values (2" Rigid Insulation, Unmarked,)



2" Rigid Insulation is installed.

ASTM C 578, Type IV
CAN/ULC-701-05, Type 4

Thickness, inches
Épaisseur, po

	1/2	3/4	1	1 1/2	2	2 1/2	3	4
R-Value @ 75° F Mean Valeur R À 75 F	3.0	4.0	5.0	7.5	10.0	12.5	15.0	20.0

R means resistance to heat flow. The higher the R-Value, the greater the insulating power. The insulation must be installed properly to get the marked R-Value. Before installing GreenGuard®, obtain installation instructions from your supplier or Kingspan Insulation LLC
Atlanta, GA 1-800-241-4402.

APPENDIX IIA2.2 – Insulation Placement and R-values (Side Exterior Wall - Exposure #4)
2" R-10 rigid insulation is installed on the out side of the CMU wall.



APPENDIX IIA2.3 – Insulation Placement and R-values (Front Facade Brick Wall)



2" Rigid Insulation described in APPENDIX II A2.1 were placed inside between face brick and metal studs.

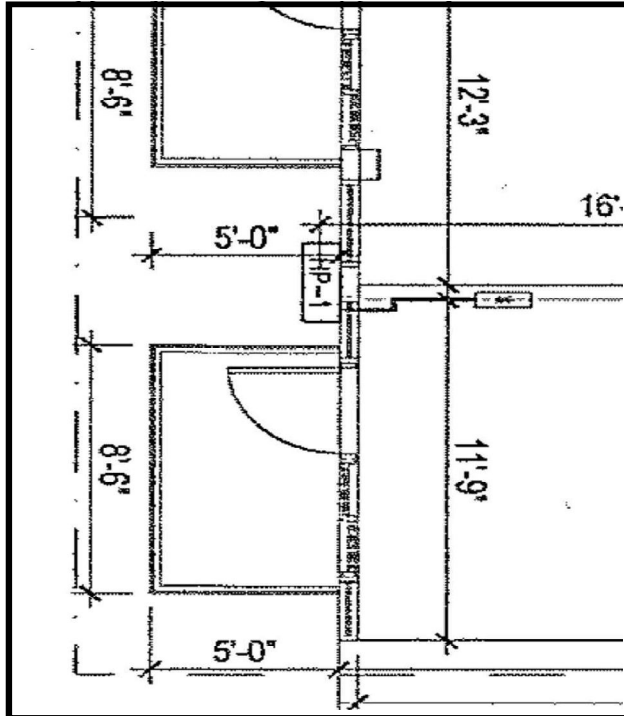


Project Address: 9949 66th Ave, Queens, Job #421624219

APPENDIX IIA2.4 – Insulation Placement and R-values (slab on grade)



APPENDIX IIA2.5– Insulation Placement and R-values (Balcony Thermal Bridge)



Schock Isokorb Type CM40-CC55- VV1-H180-R120 thermal breaks were observed at all balcony-to- floor slab connections. No structure details in structure plan. Ref. EN- 102

