

Concord Consulting Engineering PC
12 Tree Top Terrace, Morristown, NJ 07960
Tel 973 534 6731

March 25, 2022

NYC Department of Buildings

Re: 32-72 41st Street in Astoria, Fire Alarm Installation

NB Job #: 420663614

To whom it may concern:

With reference to the letter of defects issued by FDNY on the Fire Alarm Installation, as the engineer of record for 32-72 41st Street in Astoria, we respond as follows.

We have inspected the installation after the defects were corrected by the FA contractor. Regarding the specific objections on the FDNY Notice of Defect. To the best of my knowledge, all defects have been rectified. Specifically:

- **Submit as built riser diagram as per RCNY R105.01.**
The as-built riser diagram has been submitted as per RCNY R105.01.
- **Submit form A-433 signed and sealed by a licensed electrician.**
Form A-433, signed and sealed by a licensed electrician, has been submitted.
- **Provide equipment grounding conductor as per code.**
Equipment grounding conductor in fire alarm control panel at entry of first floor has been provided as per.
- **Provide 60 amp fuse disconnect as per code (note: 3-phase fuse disconnect installed).**
A 60 amp fuse disconnect has been provided at electrical room at cellar as per code. And the previously 3-phase fuse disconnect at this location has been removed.
- **Provide a dedicated raceway for telco lines (note: shared with 24 v power).**
A dedicated raceway has been installed and is separate from the 24v power.
- **Complete the installation of all duct detectors as per approved plans.**
All duct detectors have been installed at rooftop unit as per the approved plans.

- **Complete the installation of cellar fire smoke dampers as per plans.**
Missing fire smoke dampers at have been installed at the cellar as per the approved plans.
- **Provide fan shut down on any automatic alarm (note: duct detection installed on roof unit).**
Automatic alarms have been interlocked with units to provide fan shut down upon any detection at alarm point.
- **Provide return duct detection and make operable as per code.**
Return duct detection has been installed and is operable as per code.
- **Submit a request for test/inspection.**
The electrician has requested FDNY test/inspection by submitting form B-45.

Sincerely –



Irene Sheykman, PE, LEED AP

Approved
OK to accept engineer's
affidavit in lieu of FDNY
lotter of approval.

A black ink signature of Reda Shehata, R.A.

Reda Shehata, R.A.
BOROUGH COMMISSIONER
03/28/2022



FDNY
Bureau of Fire Prevention
Fire Alarm Inspection Unit
9 Metrotech Center Brooklyn, NY 11201-3857
FAIU@fdny.nyc.gov

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NOTICE OF DEFECT

BUSINESS NAME: _____ **CONTROL NO.:** 513785 **FAIU ACCT. NO.:** _____
PREMISES: 32-72 41 ST REENS NY 11103 **DATE(S) OF INSPECTION:** 1-20-2022
INSPECTOR: (Print): A. PINERA
APPLICATION NUMBER: 421513785
TECHNOLOGY MANAGEMENT INDEX NUMBER: _____
OWNER NAME: 32-72 41 STREET LLC **FLOORS INSPECTED:** 1-5, R
ADDRESS: 32-75 STEINWAY ST REENS NY 11103 **JOB DESCRIPTION:** Group 1-2 (Appt BLDG 4125 FT) F.A.S.

TO THE OWNER:

An inspection was conducted of the fire alarm/emergency alarm/ARC system installed at the above premises and the following deficiencies were noted, requiring the corrective action set forth below, in accordance with applicable laws, rules and regulations. Correct deficiencies and request reinspection within 90 days, or, if subject to certification of correction, submit certification and any other required documentation within such time, in accordance with 3 RCNY Section 104-04. This notice is subject to revision after administrative review.

PLEASE TAKE NOTICE THAT, UPON ISSUANCE OF A TEMPORARY OR PERMANENT CERTIFICATE OF OCCUPANCY, ANY CONDITION CITED HEREIN AS A DEFICIENCY CONSTITUTES A VIOLATION OF LAW IF NOT TIMELY CORRECTED.

- 1) SUBMIT AN AS BUILT RISEN DIAGRAM AS PER 24 CNY R105.01 (P. 2)(2)(3) + M.
- 2) SUBMIT FORM A-433 SIGNED AND SEALED BY A LICENSED ELECTRICIAN.
- 3) PROVIDE EQUIPMENT GROUNDING CONDUCTOR AS PER CODE.
- 4) PROVIDE 60 AMP FUSE DISCONNECT AS PER CODE.
(NOTE: 3 PHASE FUSE DISCONNECT INSTALLED)
- 5) PROVIDE A DEDICATED RACEWAY FOR TELCO LINES.
(NOTE: SHARE IT WITH 24V. POWER)
- 6) COMPLETE THE INSTALLATION OF ALL DUST DETECTORS AS PER APPROVED PLANS.
- 7) COMPLETE SITE INSTALLATION OF CELLAR FIRE SMOKE DAMPERS AS PER PLANS.
- 8) PROVIDE FAN SHUT DOWN ON ANY AUTOMATIC ALARM.
(NOTE: DUST DETECTION INSTALLED ON UNIT.)
- 9) PROVIDE RETURN DUST DETECTION AND MAKE OPERABLE AS PER CODE.
- 10) SUBMIT A REQUEST FOR A TEST/INSPECTION.

SUBJECT TO CERTIFICATION OF CORRECTED DEFECTS: YES ☐ NO ☐ **INSPECTOR'S SIGNATURE:** A. PINERA
RECEIVED BY: NICK NIATIDIS **E-MAIL ADDRESS:** _____
COMPANY: APIC **TITLE:** APIC **TELEPHONE NUMBER:** 919-1340-6994

DISTRIBUTION: 1. WHITE - F.D. 2. YELLOW - OWNER