



FIRE DEPARTMENT

9 METROTECH CENTER

BROOKLYN, N.Y. 11201-3857

07/07/2017

Nicholas Barile,
Com-Ex Engineering of NY
309 Bailey Road, Purling, NY 12470

Re: Review of Rooftop Access Plan
170-06 Crocheron Avenue, Queens, NY 11358
Block:5301 Lot: 33 **Bin # 4119879**
Fire Prevention FPIMS No. 37193448
BQ04084A . L700
GRANTED

Dear Mr. Barile:

The Fire Department has reviewed your application for a modification (variance) from the rooftop access and obstruction provision of New York City Fire Code Section 504.4, with respect to the above referenced premise. FC504.4 requires access to the roof from the frontage space and each other fire apparatus accessible exposure, and a clear path from the front of the building to the rear and from one side of the building to the other. These requirements are necessary to assure Fire Department ladder access to the rooftop for firefighting and rescue operations.

You are required to comply with FC504.4 because you have altered an existing rooftop. Specifically, **T-Mobile** performed telecommunications work on an existing rooftop.

Your modification application and accompanying rooftop plan **FPP-002.00 REV 0** dated **06/01/2017** indicates that you are unable to comply with the minimum clearance and design requirements for rooftop access and/or clear path requirements of FC 504.4 primarily because of the following existing rooftop condition and/or proposed rooftop alteration:

- Existing T-Mobile antennas, Clearwire antennas, conduits limit rooftop perimeter access along Crocheron Avenue and 170th Street exposures.
- Existing T-Mobile equipment platform, cable trays, conduits, step overs, steel frame limit clear path access from front to rear and from side to side on rooftop.

In lieu of complying with FC504.4, your rooftop plan **FPP-002.00 REV 0** dated **06/01/2017** provides 93' of rooftop perimeter access on the Crocheron Avenue and 170th Street exposures, connected to a clear path from the front of the building to the rear and from one side of the building to the other.

Your rooftop plan **FPP-002.00 REV 0** dated **06/01/2017** provides adequate Fire Department access to and upon the rooftop. Accordingly, your application for a modification is **GRANTED**, subject to the following conditions:

1. This determination only modifies compliance with respect to the rooftop access and/or clear path requirements specifically set forth above. This determination does not modify your obligation to comply with other applicable provisions of FC504.4, including the marking and signage requirements of FC504.4.7 and 504.4.8.
2. Nothing contained in this determination shall be construed to authorize construction contrary to the New York City Building Code, Zoning Resolution or other applicable laws, rules or regulations.
3. The approved modified rooftop access and/or clear path requirements as indicated on architectural drawing **FPP-002.00 REV 0** dated **06/01/2017**, shall be constructed and maintained in accordance with the approved rooftop plan and maintained clear of obstructions and kept available for emergency responders. If any change is necessary, a new application shall be submitted to modify them.
4. This modification is site specific applicable only to the above referenced address and not transferable to any other address.

In the interest of public safety, the Fire Commissioner may revoke, modify or require additional safeguards not expressed in this agreement.

When responding to this subject, kindly address your correspondence to the Office of Technology Management Unit, **Fire Prevention FPIMS No. 37193448**.

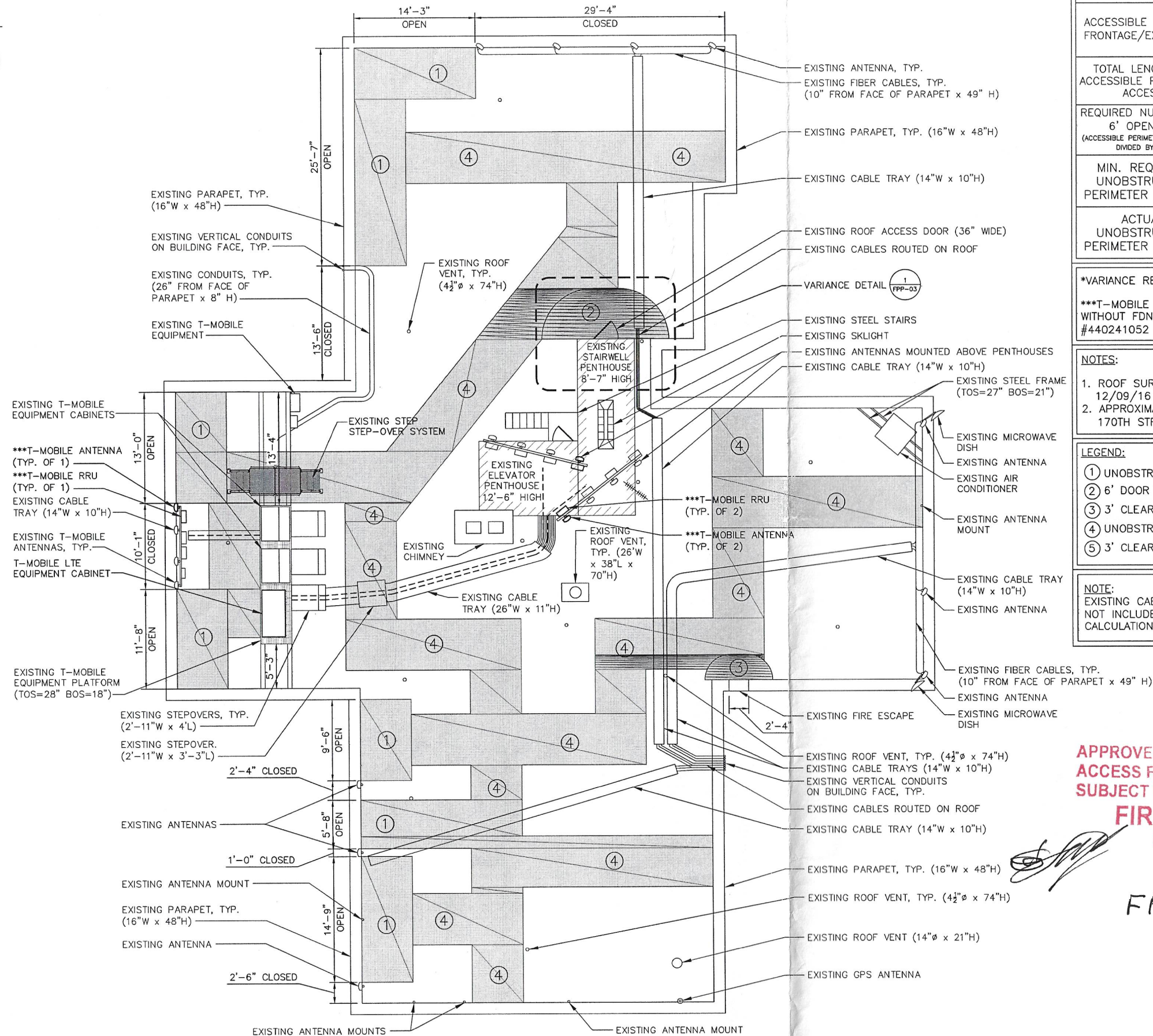
Signed,



Thomas Pigott, DC
Chief of Technology Management
Bureau of Fire Prevention

170TH STREET
(FIRE APPARATUS ACCESSIBLE FRONTAGE)

CROCHERON AVENUE
(FIRE APPARATUS ACCESSIBLE FRONTAGE)



1 FIRE CODE ROOF PLAN
FPP-002 SCALE: NTS

FDNY MODIFICATION VARIANCE TABLE
(UNOBSTRUCTED PERIMETER ACCESS FC504.4.4.2)

ACCESSIBLE BUILDING FRONTAGE/EXPOSURE	CROCHERON AVENUE	170TH STREET	N/A	N/A
TOTAL LENGTH OF ACCESSIBLE PERIMETER ACCESS	43'-7"	112'-3"	N/A	N/A
REQUIRED NUMBER OF 6' OPENINGS (ACCESSIBLE PERIMETER EXPOSURE DIVIDED BY 12)	3	9	N/A	N/A
MIN. REQUIRED UNOBSTRUCTED PERIMETER ACCESS	18'-0"	54'-0"	N/A	N/A
ACTUAL UNOBSTRUCTED PERIMETER ACCESS	14'-3"*	80'-2"	N/A	N/A

*VARIANCE REQUIRED

***T-MOBILE EQUIPMENT INSTALLED AFTER JANUARY 1ST, 2008 WITHOUT FDNY VARIANCE APPLICATION APPROVAL UNDER DOB JOB #440241052

NOTES:

1. ROOF SURVEY CONDUCTED BY COM-EX OF NEW YORK ON 12/09/16
2. APPROXIMATE DISTANCE FROM BUILDING TO CURB: 170TH STREET ±25', CROCHERON AVENUE ±20'

LEGEND:

- ① UNOBSTRUCTED 6' WIDE PERIMETER ACCESS
- ② 6' DOOR OPENING CLEARANCE
- ③ 3' CLEARANCE FOR FIRE ESCAPES & ACCESS LADDERS
- ④ UNOBSTRUCTED 6' WIDE, 9' HIGH CLEAR PATH
- ⑤ 3' CLEARANCE AROUND SKYLIGHTS & SCUTTLES

NOTE:

EXISTING CABLE TRAYS UNDER 12" IN HEIGHT ARE NOT INCLUDED IN THE PERIMETER ACCESS CALCULATIONS.

APPROVED FOR FIRE DEPT. ROOFTOP
ACCESS FIRE CODE SECTION 504.4 ONLY
SUBJECT TO LETTER OF 07/07/2017
FIRE DEPARTMENT
CITY OF NEW YORK

PER
FPI# #37193448

COM-EX
ENGINEERING OF NY

309 BAILEY ROAD
PURLING, NEW YORK 12470
PHONE: 862.209.4300
FAX: 862.209.4301
COMEX ENGINEERING OF NY, PLLC, STATE OF NY
CERTIFICATE OF AUTHORIZATION # 27-3179723

T-Mobile

T-MOBILE NORTHEAST LLC

4 SYLVAN WAY
PARIS, NY 14454
OFFICE: (973) 397-4800
FAX: (973) 292-8893

SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
0	06/01/17	INITIAL SUBMISSION
1		
2		
3		
4		
5		
6		
7		
8		
9		

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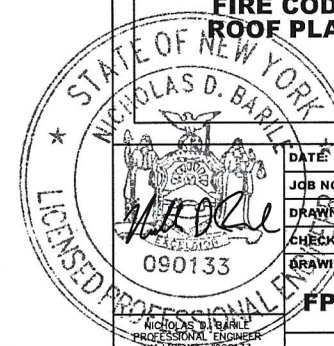
COMEX ENGINEERING OF NY, PLLC,
STATE OF NY CERTIFICATE OF
AUTHORIZATION # 27-3179723

BQ04084A
170-06 CROCHERON AVENUE
QUEENS, NY 11358
QUEENS COUNTY

INFORMATION ON THIS SET OF DRAWINGS IS NOT FOR OFFICIAL USE UNLESS ACCOMPANIED BY THE STAMPED SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER.

DRAWING TITLE:

**FIRE CODE
ROOF PLAN**



DATE: 08/01/17
JOB NO: 1121-GOT
DRAWN BY: TB
CHECKED BY: NB
DRAWING SHEET:

FPP-002.00

NYC DOB NUMBER: