AGENDA

1. Introduction to the Department
2. New York City Climate Goal- 80 x 50
3. Priming the market
4. NYCECC and Local Law 32 of 2018
5. What does the NYStretch Code mean for NYC?
WHO WE ARE

- Team of professionals dedicated to the safety of all who build, work and live in New York City.

- Committed to providing efficient service
  
  - Streamlined
  
  - Understandable
  
  - Transparent
  
  - Consistent
WHAT WE DO

- Ensure the safe and lawful use of over one million buildings and construction sites throughout the City

- Facilitate safe and responsible development by enforcing the NYC Building Code and Zoning Resolution

- Conduct emergency response and hold construction professionals accountable
THE DEPARTMENT

COMMISSIONER
Rick D. Chandler, P.E.

Legal & Regulatory Affairs Office of General Counsel

Enforcement

Administration & Finance

Development & Technical Affairs

Strategic Planning & Policy

External Affairs

Communications & Marketing

Legal, Legislative, and Licensing Services

Safety, Inspections, and Enforcement

Budget, Fiscal, Procurement, Human Capital, and, Asset Management

Code, Zoning, and Research

Department Modernization

Government, Industry, and Public

Communication with all Stakeholders

Over 1,500 Employees
**Building One City Plan**

**Goals**

- **100%** of applications, reviews, payments, and scheduling can be completed online.

- Status of all projects is **accessible** and **transparent** – with alerts when we take action.

- Highest **risk** and highest **priority** work are targeted **first** with resources.
## DOB By The Numbers

### Activity Highlights: FY 2018

<table>
<thead>
<tr>
<th>Borough Filings</th>
<th>HUB Filings</th>
<th>DOB NOW Filing Reviews</th>
<th>Active Permits</th>
<th>New Floor Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>68,564</td>
<td>18,852</td>
<td>13,232</td>
<td>172,666</td>
<td>42,810,347</td>
</tr>
</tbody>
</table>
DOB BY THE NUMBERS

NYC Active Major Construction

updated on 8/28/2018

- # Active Permits: 7,452
- Total Square Footage: 198,326,741
- Proposed Dwelling Units: 132,792

- Permit Type
  - ALL SELECTED
  - NEW BUILDING: 4.7k
  - ALT 1 ENLARGEMENT: 2.8k
NYC’s Carbon Goal

Pathways for Reductions in Greenhouse Gas Emissions from Buildings

Source: New York City Mayor’s Office of Long-Term Planning and Sustainability
LOCAL LAW 31 OF 2017

- Amended the city charter to include low energy intensity building requirements for “certain capital projects”
Free, personalized advisory services that streamline the process of making energy efficiency improvements.
Retrofit Accelerator

- Key component of NYC’s commitment to 80x50
- Launched in September 2015
- Cut GHG emissions by est. 1M metric tons by 2025
- Save New Yorkers $360M per year by 2025 in utility costs
LOCAL LAW 32 OF 2018

- Requires periodic recommendations on adoption of more stringent energy efficiency requirements for certain buildings
LOCAL LAW 32 OF 2018

2019
- Amend to align w/ NYStretch
- Applies to ALL buildings

2022
- Amend to align w/ NYStretch
- Applies to ALL buildings

2025
- Set Predicted Energy Use Targets
- Applies to “covered” buildings
LOCAL LAW 32 OF 2018

Predicted Energy Use Targets Report

- New Metric and targets by building type
- Results of modeling
- Impact on costs
- Implementation recommendations

Source: U.S. Energy Information Administration, Commercial Buildings Energy Consumption Survey
NYStretch Changes for NYC

Big Picture Changes

- Decreased u-factors for opaque assemblies in Commercial requirements (9-25%)
- Decreased u-factors for fenestration (4-5%)
- Decreased LPDs for most building/space types
- NYStretch adopted several measures already in the 2016 NYCECC
BIG PICTURE CHANGES

- Envelope “backstop” for commercial construction 50,000 sq.ft. and over

- Thermal breaks or continuous insulation at balcony slabs and parapets (Mandatory)

- Service Hot Water- renewable or site-recovered energy requirements for systems with 1MM BTUH or more
NYStretch Changes for NYC

Big Picture Changes

- Mech. ventilation will be mandatory for residential construction
- Supply of heated water- limits on distance or volume, heat recovery, or recirculation systems required
- Additional energy efficiency credits for residential

Source: US DOE Building America Top Innovations Hall of Fame Profile- Low-Cost Ventilation in Production Housing, PNNL-SA-90581, January 2013
2019 NYCECC

- Energy Code Advisory Committees to begin work soon, proposed bill to be considered by City Council next year

- Anticipating an effective date not earlier than the fourth quarter of 2019

- Effective date is tied to the NY State Energy Conservation Construction Code
THANK-YOU!