

UNLOCKING EAST BROOKLYN'S AFFORDABLE HOUSING POTENTIAL

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INTRODUCTION

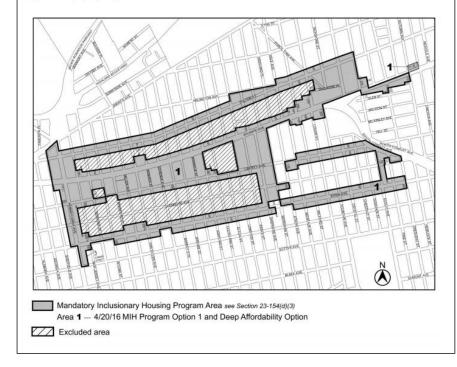
- On March 22, 2016, the City Council approved the Mandatory Inclusionary Housing under Mayor Bill De Blasio. This initiated rezoning within the city which would permit significant increase in amount of residential floor area.
- Largest rezoning by area occurred in East New York, Brooklyn Community District 5.
- This study is to analyse the affordable housing potential within this rezoned area.



Brooklyn Community District 5

In the R6A, R6B, R7, R7A and R8A Districts within the areas shown on the following Map 1:

Map 1 - (4/20/16)

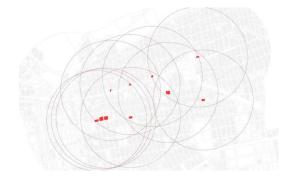


The MIH program allows developers to avail a 1.25 sqft. of bonus per sqft. of affordable housing they build. To avail the bonus the developers could two types of development.

ON SITE: Delegate minimum **25%** of square foot area of proposed building to affordable housing built **ON-SITE** (their own site).



OFF SITE: Delegate minimum **30%** of square foot area of proposed building to affordable housing built **OFF-SITE**, or a site within ½ mile radius of the project.



The AIM of this project is to compare the potential of a residential development to generate on-site units vs off-site units.

PART A - UNDERSTANDING THE SITE

This research aims at understanding the potential of **EAST NEW YORK REZONING** and the amount of affordable housing it can contribute towards the New York City housing stock.

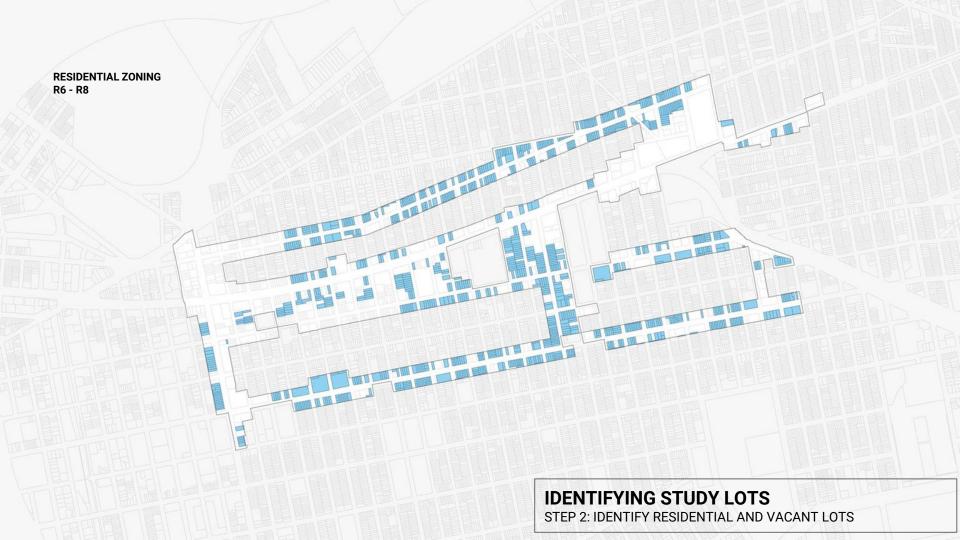


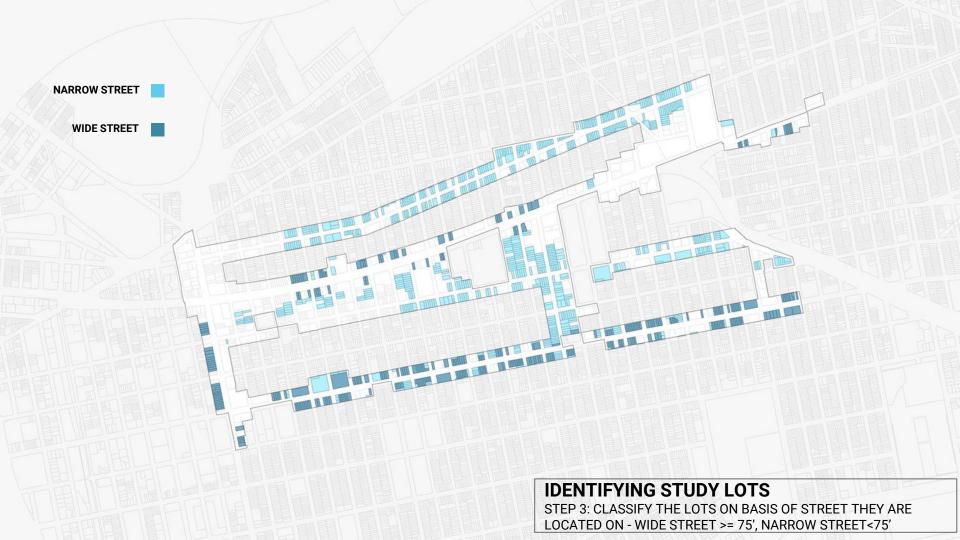


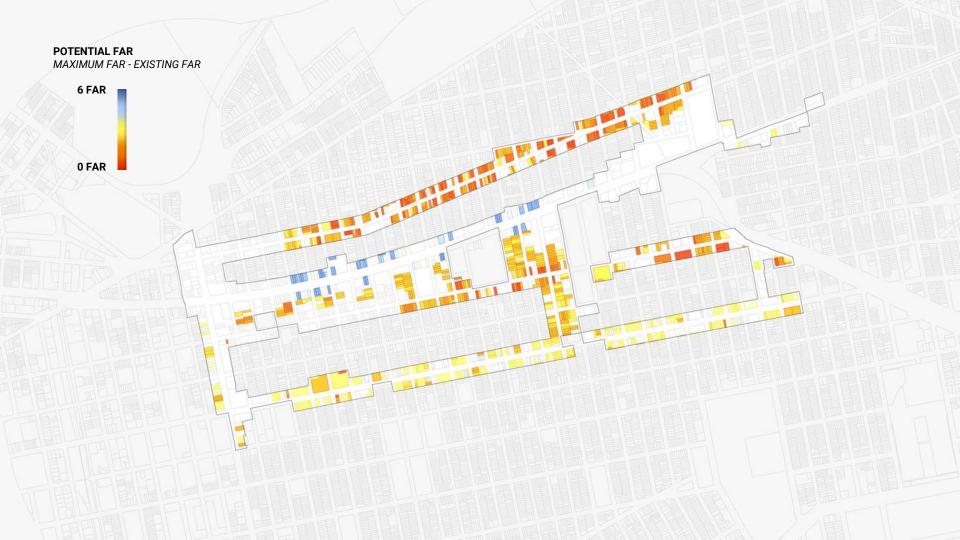
EAST NY - BROOKLYN COMMUNITY DISTRICT 5

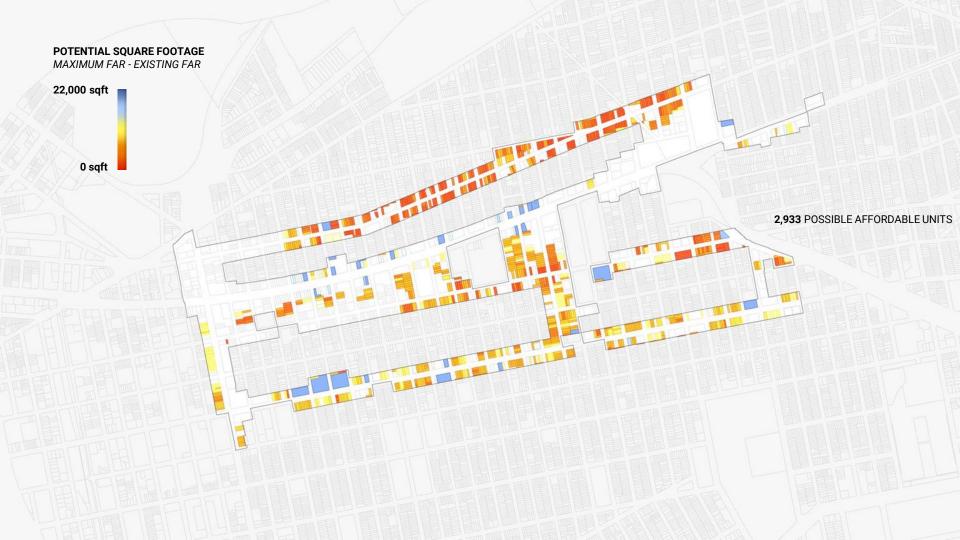


IDENTIFYING STUDY LOTS STEP 1: IDENTIFY ALL LOTS INSIDE THE MIH DESIGNATED AREA

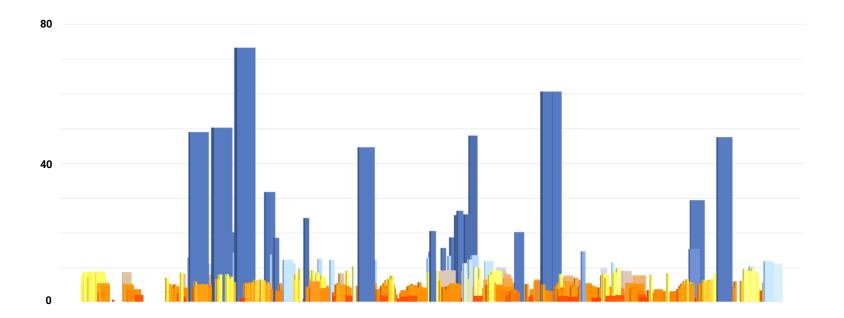


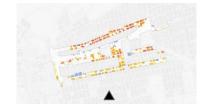




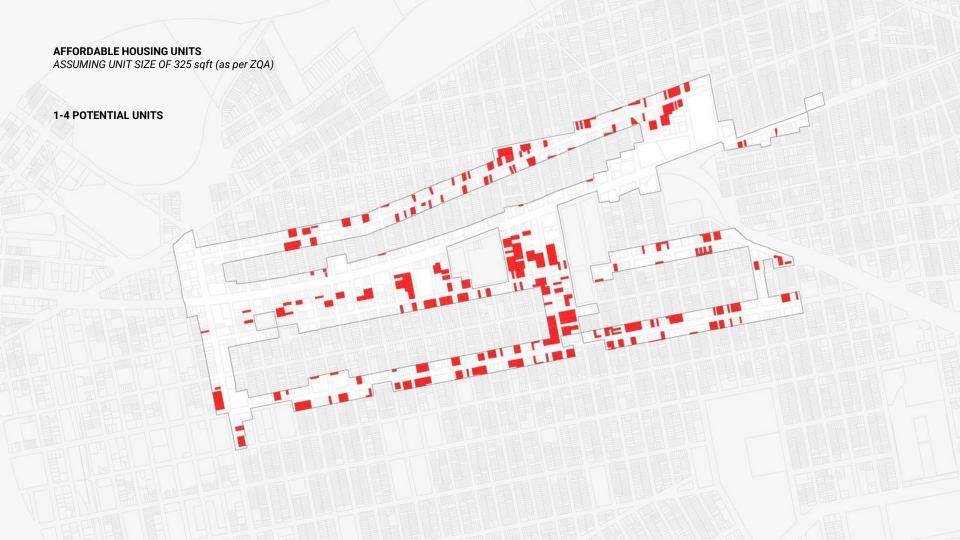


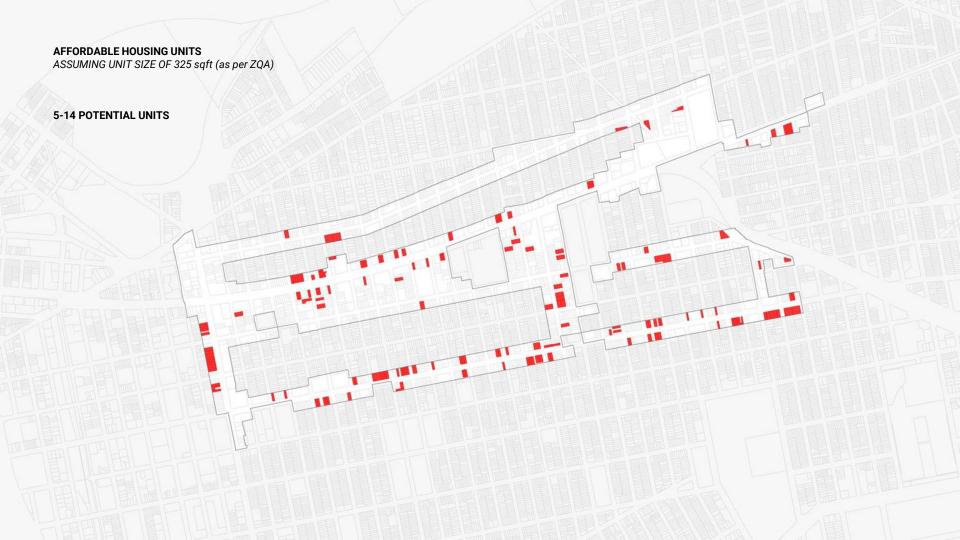
POTENTIAL HOUSING UNITS PER LOT











AFFORDABLE HOUSING UNITS

ASSUMING UNIT SIZE OF 325 sqft (as per ZQA)

11

15-24 POTENTIAL UNITS

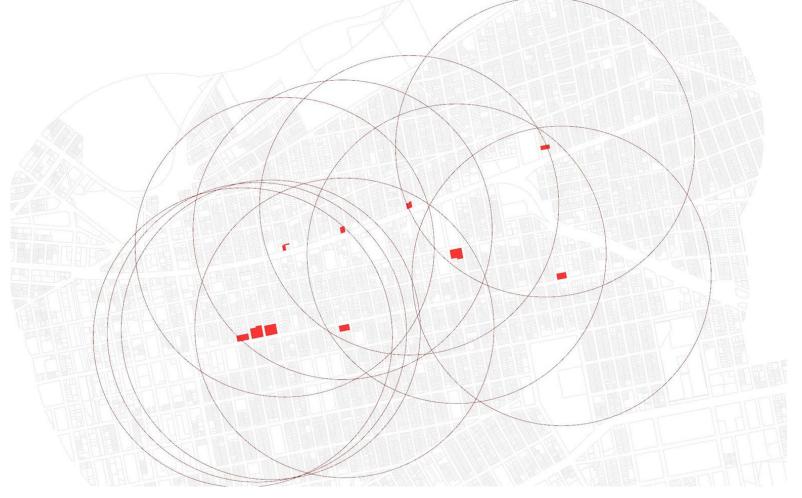
AFFORDABLE HOUSING UNITS

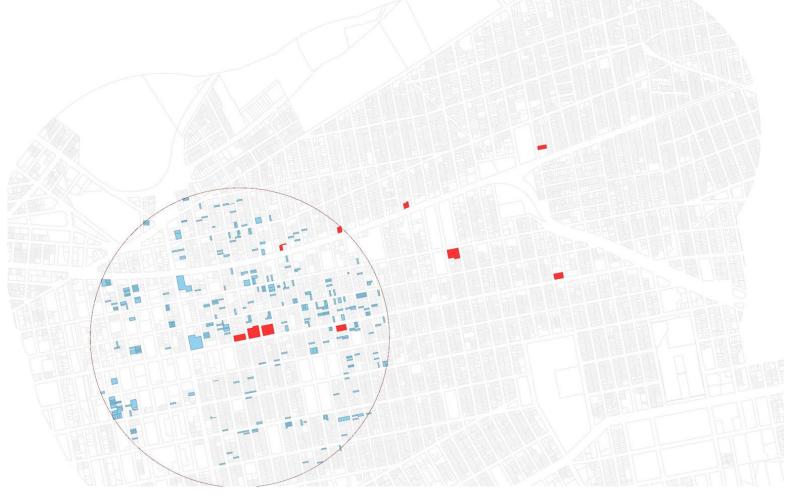
ASSUMING UNIT SIZE OF 325 sqft (as per ZQA)

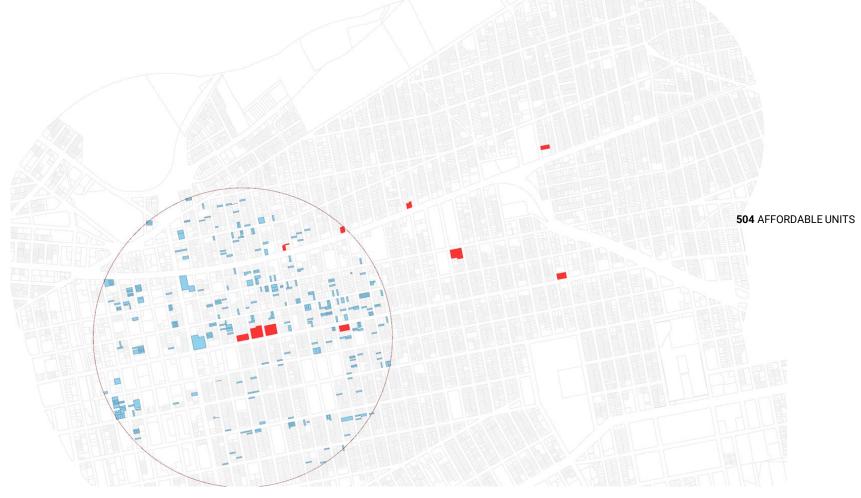
25+ POTENTIAL UNITS







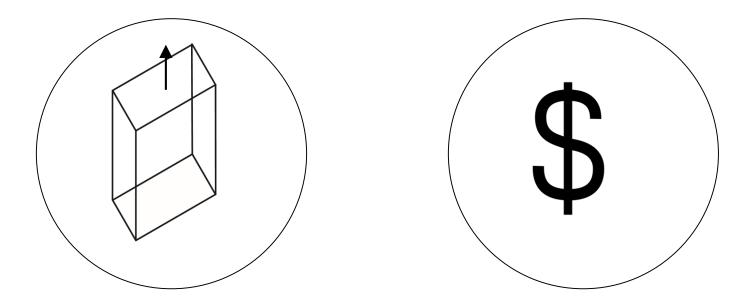


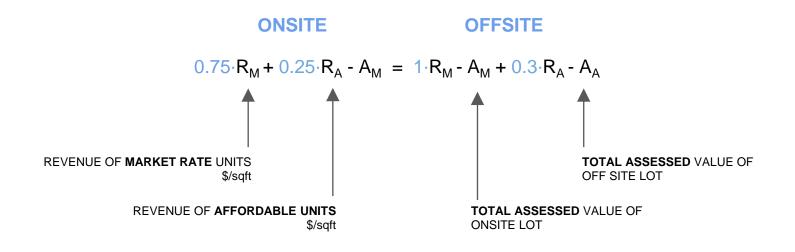


- PART B - THE OPTIMIZED SOLUTION

OPTIMIZED CONDITIONS FOR DEVELOPMENT OF AFFORDABLE HOUSING UNITS

- Maximize the square footage of units produce.
- Maximize the return on investment for the developers.





ONSITE OFFSITE $0.75 \cdot R_{M} + 0.25 \cdot R_{A} - A_{M} = 1 \cdot R_{M} - A_{M} + 0.3 \cdot R_{A} - A_{A}$ $0.75 \cdot (331 \cdot x) + 0.25 \cdot (116 \cdot x) - A_{M} = 1 \cdot (331 \cdot x) - A_{M} + 0.3 \cdot (116 \cdot x) - A_{A}$

R_M= **\$331** /sqft · *X*

R_A= **\$116** /sqft · *X*

 A_{M} and A_{M} , from PLUTO (varies by lot)

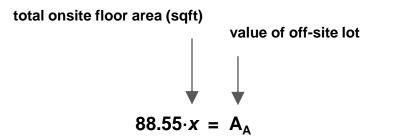
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 $88.55 \cdot x = A_A$

R_M= **\$331** /sqft · *X*

R_A= **\$116** /sqft · *X*

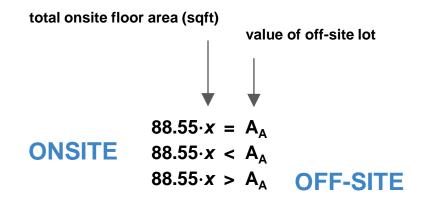
 A_{M} and A_{M} , from PLUTO (varies by lot)



R_M= **\$331** /sqft · *X*

R_A= **\$116** /sqft · *X*

 A_{M} and A_{M} , from PLUTO (varies by lot)



R_M= **\$331** /sqft · X

R_A= **\$116** /sqft · *X*

 A_{M} and A_{M} , from PLUTO (varies by lot)

ASSUMPTIONS

- In this area there are numerous opportunities to develop on vacant lots without replacing existing units. Thus, this definition only considers vacant lots as potential off-site lots. We assume that these lots will receive zoning variance to build affordable housing.
- The vacant lots are excessively underpriced as compared to the assessed values of the residential lots. We assume that once they are rezoned to residential, their prices will get inflated.

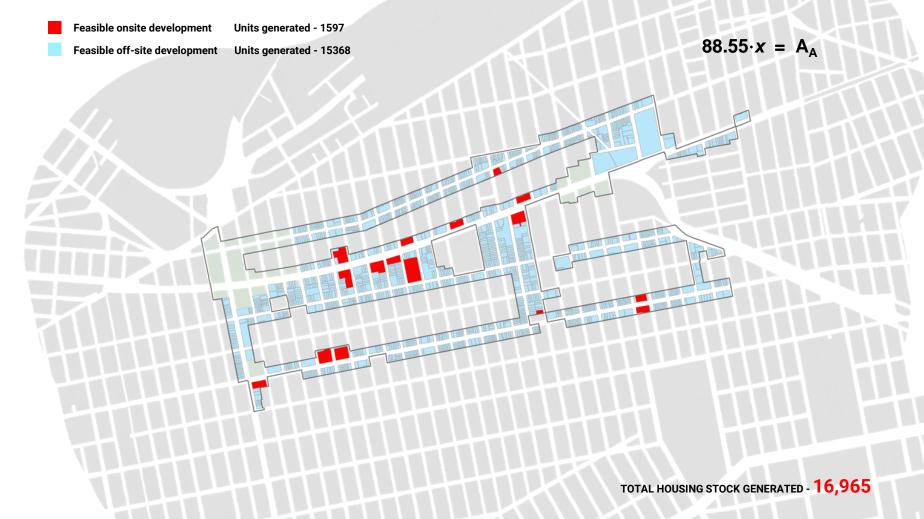


FOCUS OF STUDY

- This study will allow us to understand the efficacy of this housing policy in the East New York area.
- It will also help us understand if the policy promotes inclusivity within the proposed rezoning.
- What F.A.R.s are ideal for the developers to render maximum return for themselves and maximum affordable housing for the community.

WILL THIS POLICY EXACERBATE NON-INCLUSIVE DEVELOPMENT WITHIN BROOKLYN COMMUNITY DISTRICT 5?











CONCLUSION

- The cost of off-site lots were excessively underpriced therefore number of lots. Thus, there were limited onsite development as compared to off-site development.
- The idea of this policy is to generate inclusive housing therefore, however, in the East New York Area, the developers can easily generate separate buildings for market price housing and affordable housing.
- To maximize return on on-site development, developers can take advantage of other policies such as the 421A tax programs. (Which carries uncertainty with it as it needs to be reviewed every three years).
- Government should do more to incentivize on-site development. Especially in R7.

WILL THIS POLICY EXACERBATE NON-INCLUSIVE DEVELOPMENT WITHIN BROOKLYN COMMUNITY DISTRICT 5? YES

QUESTIONS?

THANK YOU!