

# 133.23 -55% 100 - 77.9 lego UMI

#### KEY ASSUMPTIONS:

ASHRAE 90.1 standard for comparisons wwr held constant at 35% and 65% (retail) gross floor area held constant

residential schedule + weekends office schedule (8am - 6pm)

KEY FINDINGS: 55% discrepancy

#### **CONSTRUCTION COST: \$58,040,824**

Per Lego: \$59,165

"This is about gentrification"

"high-tech industry wants to come to Cambridge because of graduate students, not because of commercial buildings"

"public distortion"

"someone who isn't a scientist has no reason to go to Kendall Square"

"we have a responsibility to cluster growth in Kendall Square"

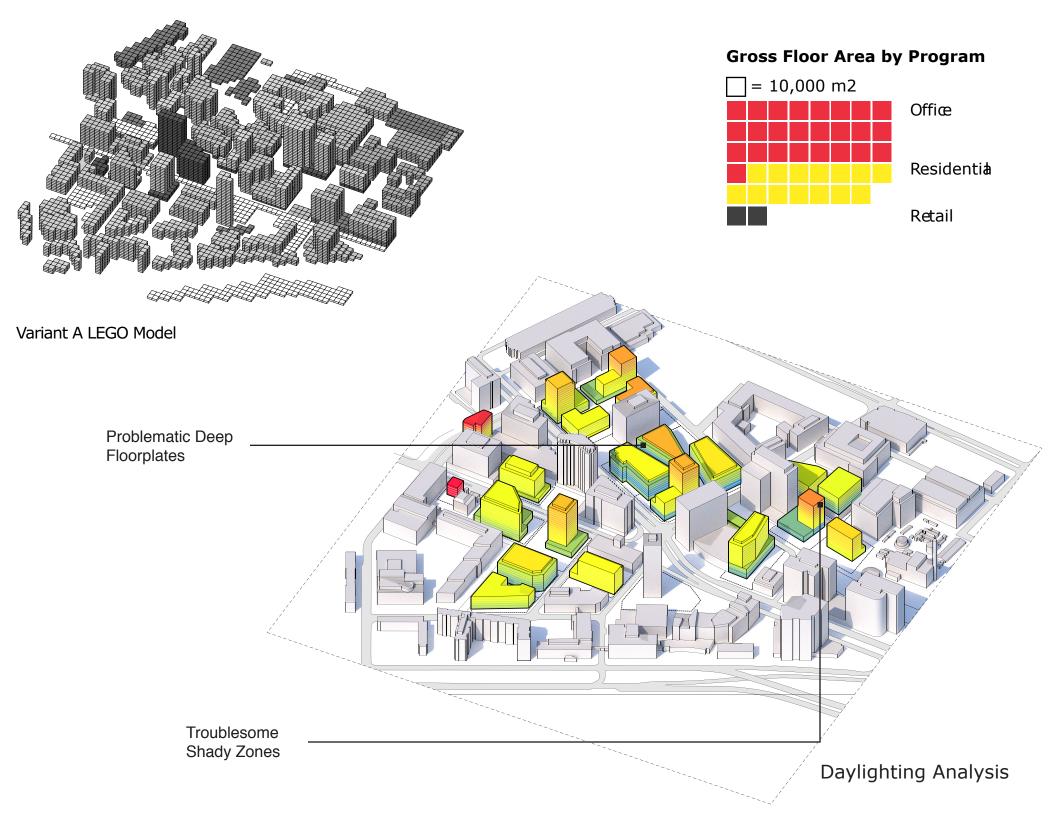
"MIT doubles down on Kendall Square redevelopment" "It's people versus money"

"Yes, in my backyard!"

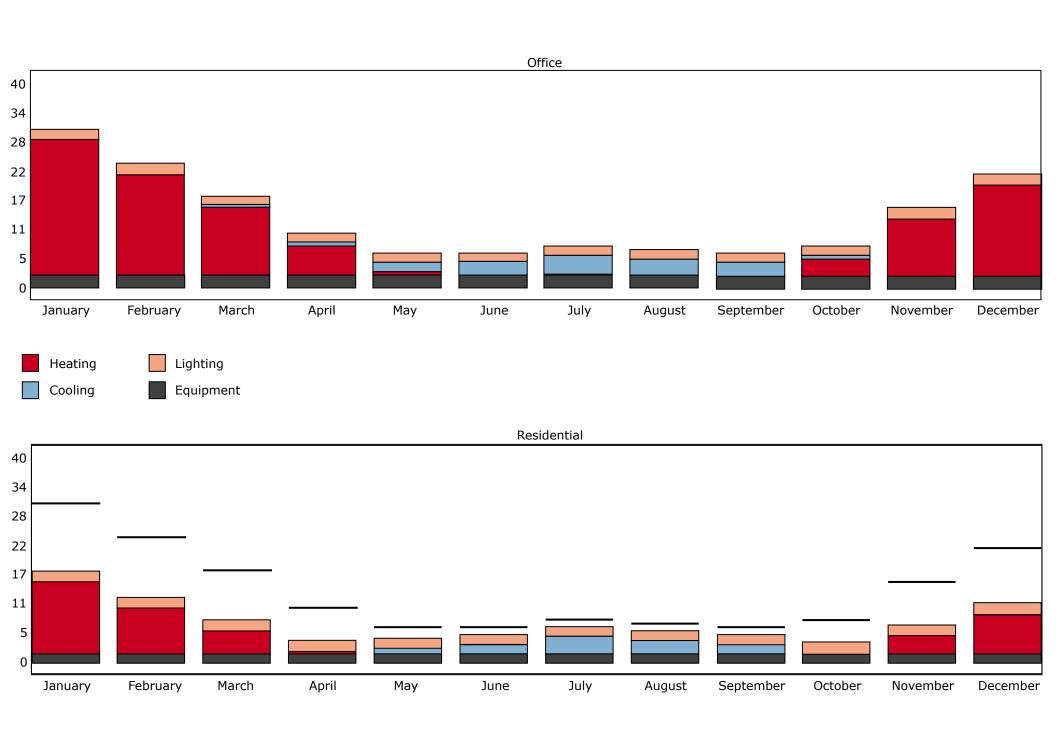
"Land for MIT campus development in Cambridge is unique and irreplaceable"

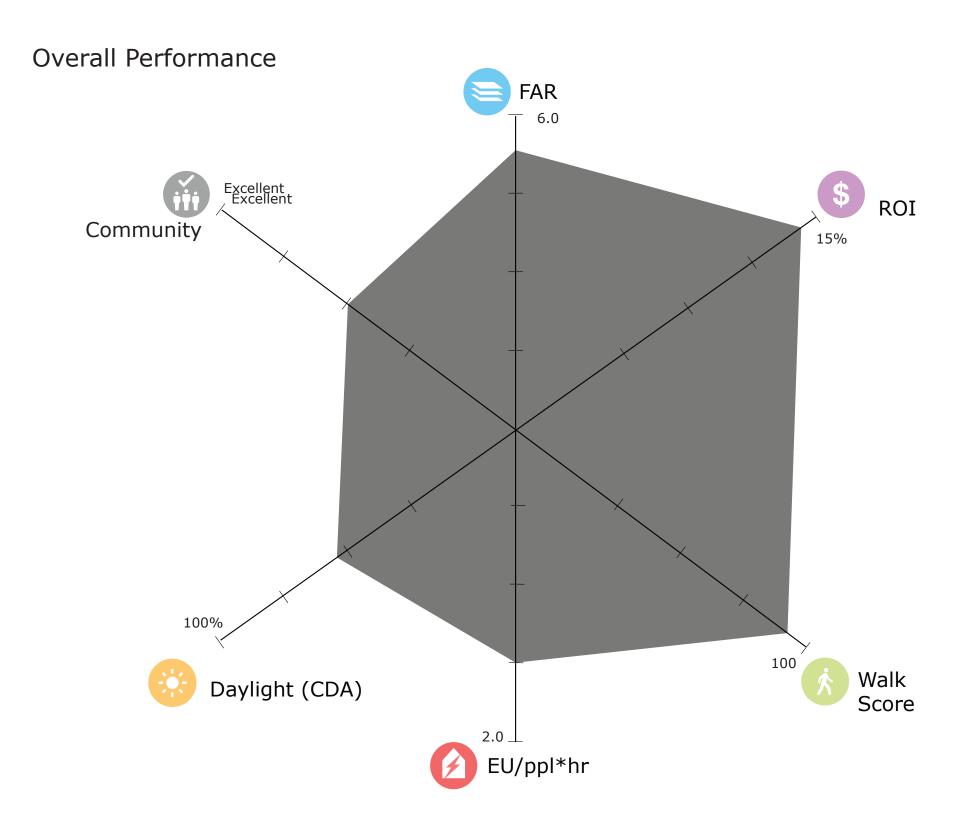
#### **Variant A: A Commercial Office Focused Plan** to Optimize Economic Value [K2C2 Plan]





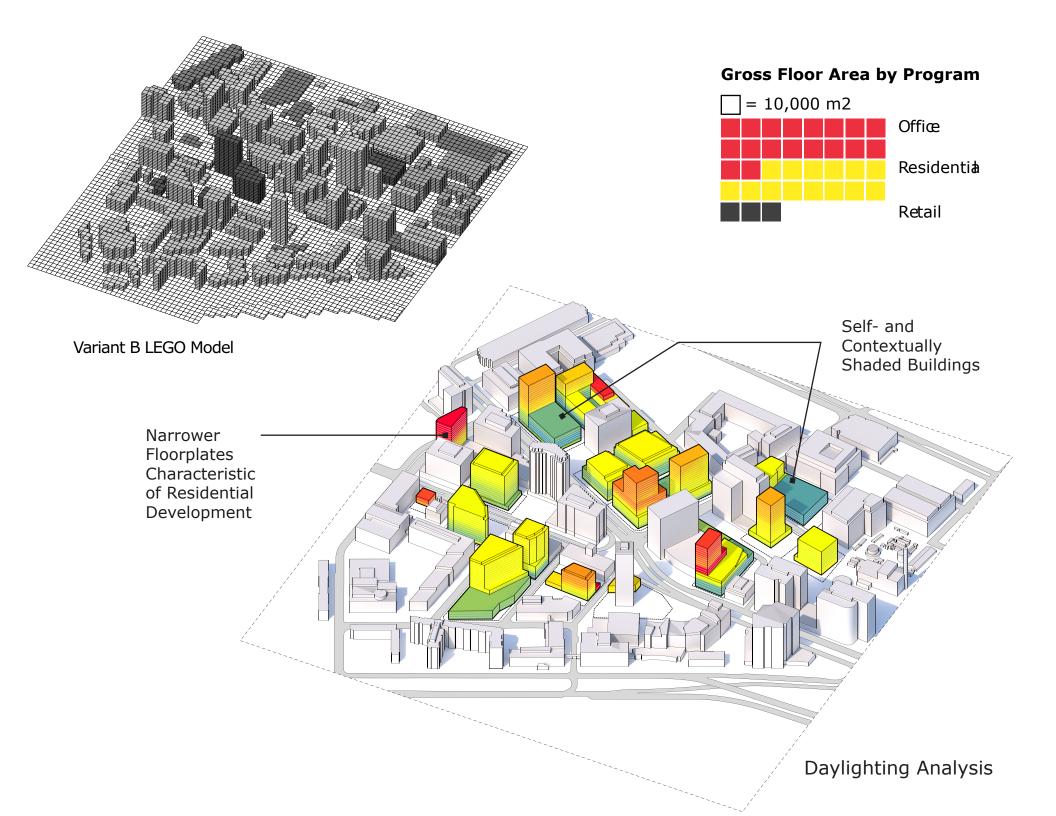
#### **Energy Performance**



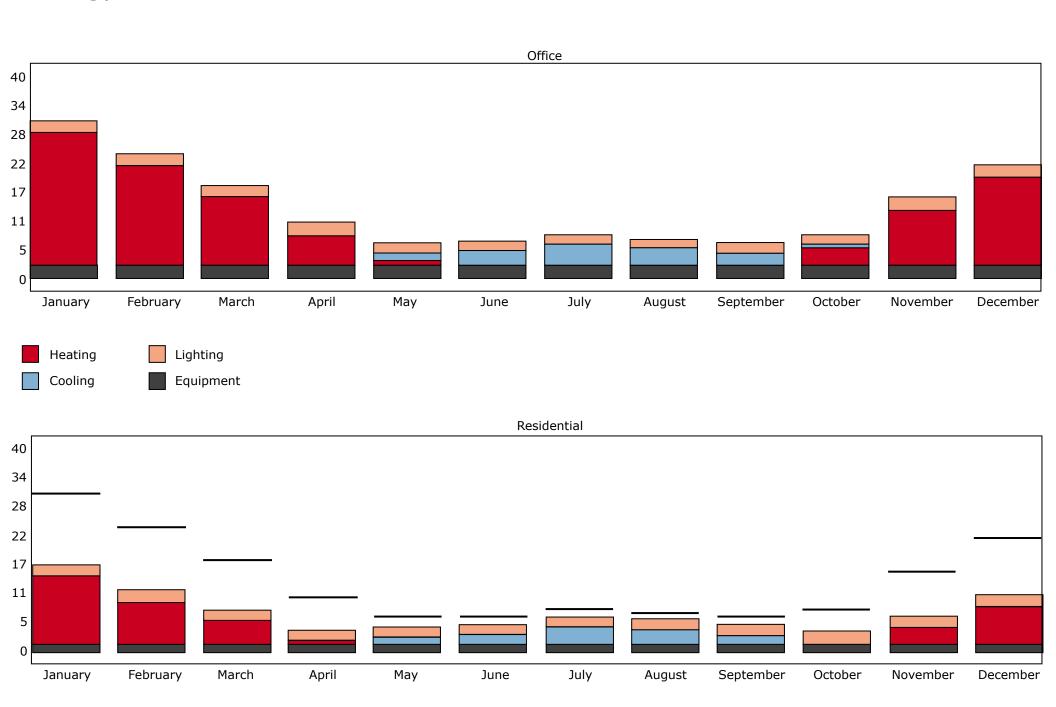


#### **Variant B: A Residential Focused Plan** to Provide More Housing Options [CBT Plan]

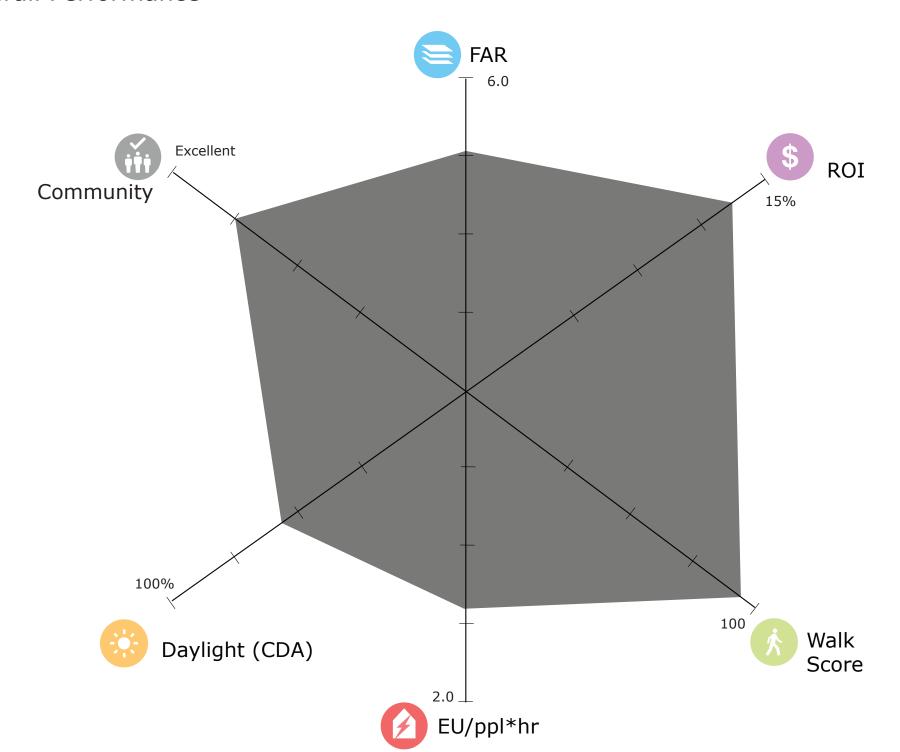




#### Energy Performance



#### Overall Performance

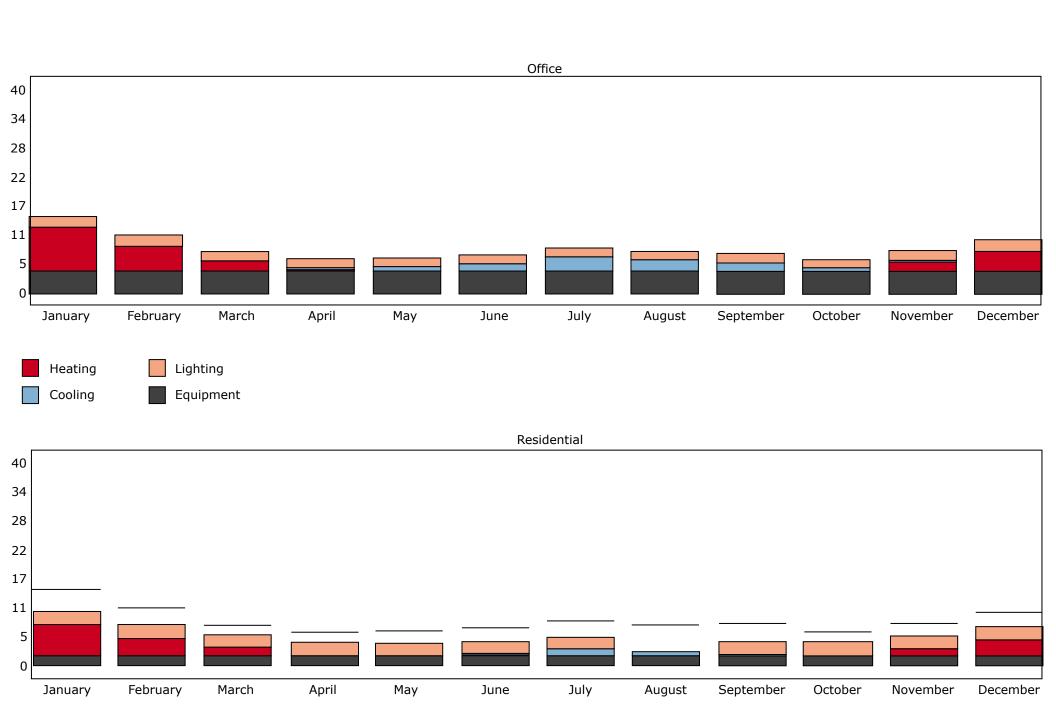


### Variant C: A New Alternative for a More Sustainable Community



## Daylighting Analysis **Gross Floor Area by Program** = 10,000 m2 Offiœ Residentia Retail

#### **Energy Performance**



#### Overall Performance





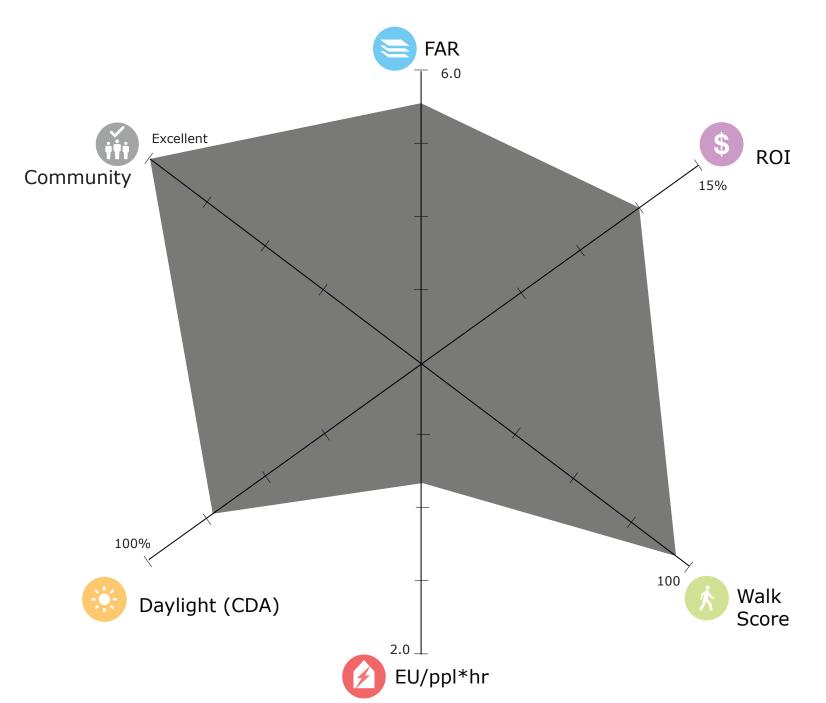












#### Financial Sensitivity Analysis

