

#### Suffolk Downs racetrack Reimagined for an evolving world



# 16.2 MSF of Dynamic Uses

**2** MBTA Blue Line stations

40 acres of open space

Direct access from Route 1A

5.2MSF life science/commercial office

450,000 sf of creative retail and civic spaces

800 keys at 3 hotels

10,000 diverse residential units

\$337M+ on and offsite infrastructure investment



## 40-Acre Open Space System

**Unlocking Value** 

through expansive open space network

#### 25% Sitewide

of Active and Passive Recreation

#### Walkable and Bike Friendly

protected bike lanes and pedestrian loops

**Resilient** forward-thinking open space design

Multi-Use

playgrounds, flexible fields sport courts, walking paths



# Resiliency + Sustainability

#### **Energy Savings**

Majority of sitewide buildings achieving 18-50% savings over current code

#### **LEED Certifiable**

All buildings will achieve Certifiable with the majority above LEED Silver

## **Reduced GHG**

Commitment to greenhouse gas emissions reduction of 23% over code

## Hydraulic Modeling

Extensive study to account for storm surges up to 100-yr event and sea level rise up to 4.2' through 2070

#### **Stormwater Mgmt**

Integrated into open space elements such as swales and detention basins

#### **Raising Elevations**

Raising entire site to be outside the current 100-yr floodplain



# **Project Mitigation**

- Over \$337M dedicated to onsite and offsite improvements, including:
  - \$80M to create 40 acres of publicly accessible open space
  - \$197M for construction of all on-site infrastructure
  - \$41M for all off-site traffic mitigation measures
  - \$20M for transit mitigation measures to the MBTA
- Producing approximately 1,430 new affordable housing units (13% onsite and 7% offsite)
- Connective bike and pedestrian network adding 13,000
   LF of protected cycle tracks, 12 Bikeshare Stations
- Commitment to 50,000 SF of indoor civic spaces across the site
- Commitment to union labor through signing of the largest private Project Labor Agreement (PLA) in the history of the region



# Beachmont Square

#### Beachmont Square is the gateway to the entire Suffolk Downs neighborhood



## Beachmont Square Overview

1,731,000 sf of total GFA development

100,000 sf of active street retail

1,430 residential units

159 hotel keys 110,000 sf of plaza and open space \$83M+ on and offsite infrastructure improvements



#### **Currently Under Construction – October 2023 Aerials**



## Major Elements Impacting Project Starts

#### Capital Market Costs

(e.g. Interest Rates, Risk Premium Spread, Availability)

- Construction Cost Escalation
- Increased & More Stringent Regulations



## Understanding & Navigating Increased Legislation & Requirements

- Guiding us through the new increased regulations
- Have solid working relationships with town officials
- Seeking smoother process without multiple redesigns
- Need the engineering community to be an advocate with balanced regulations
- Need the expertise of our consultants on reviewing new regulations



## Innovative Ways to Approach Site & Building Costs

- Site & building costs have materially increased
- Sites that are left typically more complicated (e.g. rock, wetland)
- Important not to overdesign
- Re-evaluating ways we approach site and building design
- Finding cost effective solutions to being Carbon Neutral



## Soil Mitigation Strategies

#### Issues

- Material Expense for Projects (Non-revenue producing)
- Particularly when contaminated
- Limited Landfill Space
- Construction Schedule Impacts

#### Opportunities

- Grading Plan that limits off-site disposal
- Creativity around contaminated soils
- On-site re-use through modification



## Improved Coordination with Utility Companies

- Lead times with Utility Companies is a material and detrimental risk to all new projects
- Utility chargeback costs have skyrocketed
- Need efficient design upfront to minimize utility back charges
- Need solid working relationships with Utility Companies



## Solid Working Relationships with Local and State Regulators

- Streamlines permit packaging, permit process, review timeframes and avoids redesign
- Ability to deter add-on requests (e.g. extensive fire lanes)

## Speed of Projects (Due to Cost of Capital)

- Design Timeframes
- Construction Schedule of
   Improvements

	Assigned	Progress	5 JUNE 2021															
			26 27 28 29 30 31 W T F S S M															
Construction Plan Template		0%																_
* Pre-Construction		0%																
Design and planning																		
Sample approval		096																
Bids & contracts																		
Contract execution					<b>\</b>													
Obtain permits																		
Permits approved					0													
Construction		0%																
Mobilization		0%																
<ul> <li>Site work and foundation</li> </ul>		0%			-													
Rough grading																		
Footings		0%					-											
Foundation		0%			Print Print													
Inspection: Foundation							•											
Draw #1	Kiara (0 hrs/day)						0											
* Rough framing		0%																
Floors	Marcus (0 hrs/day)	0%																
Walls	Marcus (0 hrs/day)								12 1									
Roof	Marcus (0 hrs/day)						Ē			=								
Structural repair	Marcus (0 hrs/day)									5								
Inspection: Framing	Marcus (0 hrs/day)									•								
Draw #2	Kiara (0 hrs/day)									0								
* Exterior construction		0%								-								
Windows	Luis (0 hrs/dny)	0%								-			S					
Doors	Luis (0 hrs/day)																	
Roofing	Jason (0 hrs/day)	0%											6					
Masonry & siding	Henry (0 hrs/day)	0%																
Draw #3													0					
		0%											-					
HVAC		0%														1		
Plumbing													1			5		
Electrical		0%																
Inspection: MEP rough-in															K	>		
Draw #4															1			
* Interior finishes & fixtures		0%																
Insulation	Luis (0 hrs/day)	0%														-	11	
Drywall	Luis (0 hrs/day)															-		
Draw #5	Kiara (0 hrs/day)																	0

## New Opportunities

 Always looking for new sites and ways to pair up with landowners and sellers





