



BREAKOUT SESSION

How Are We Talking About EE?

How Are We Talking About EE?

Speakers

Dawn Oleksy, City of Richmond

Blair St. Ledger-Olson, League of Conservation Voters

Andrew McKinley, VIA design architects

Michele Mitch-Peterson, Siemens

Rebecca Hui, VAEEC (moderator)



How Are We Talking About EE?

Fiction, VA has received a one-time grant from the federal government for resilience and revitalization projects downtown.

It's a big sum of money, but Fiction has a lot of buildings, public and commercial, that are in serious need of repairs. There are even some historic buildings that will need to be either carefully restored or demolished.



How Are We Talking About EE?

The Mayor has decided the historic warehouse on Main Street is her legacy project. The elementary school has an air conditioner that can't keep up with the kids. The City's sustainability staff have dozens of ideas, but Fiction's leadership is skeptical and doesn't know where to start.

How do we get everyone working in tandem to turn plans into action?



City of Richmond Leading by Example

Presented by Dawn Oleksy
Energy Program Manager



OFFICE OF
SUSTAINABILITY

City of Richmond
RVAgreen
2050



What is RVAgreen2050?

Vision: *All Richmonders, regardless of their identity or neighborhood, thrive in a climate-resilient and climate-neutral community*

Goals: *45% reduction in greenhouse gas emissions by 2030 and net zero emissions by 2050. Prepare for, adapt, and improve the community's resilience to local climate impacts*



Buildings & Energy - Accelerate the equitable transition to healthy, resilient, climate neutral buildings and energy sources



Community - Create an equitable and resilient Richmond while honoring and ensuring focus on community priorities



Environment - Invest in resilient, healthy, and equitably distributed natural resources throughout the community to support biodiversity and human well-being.



Transportation & Mobility - Accelerate the transition for all to clean and equitable mobility systems



Waste Reduction & Recovery - Fostering sustainable methods of waste reduction – wasting less, reusing more.

Strategy Examples



Buildings and Energy

Accelerate the equitable transition to healthy, resilient, climate neutral buildings and energy sources.

OBJECTIVES

BE-1: Achieve climate neutrality and increase resilience in government buildings, infrastructure, and operations.

BE-2: Maximize energy efficiency, performance and resilience in all existing buildings.

BE-3: Ensure all Richmonders have equitable access to affordable and renewable clean energy.

BE-4: Achieve climate neutrality and maximize resilience in all new buildings.



2.2 Commercial Energy Efficiency Programs

- Commercial Property Assessed Clean Energy (cPACE)
- Retro-commissioning & benchmarking commercial buildings
- Building performance policy
- Encourage the hiring of SWaM businesses

2.3 Construction & Energy Code Enforcement

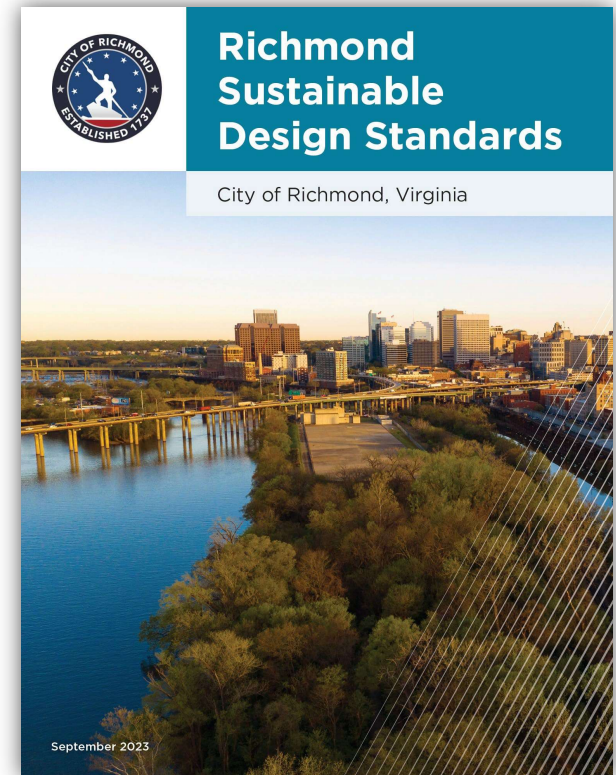
- Advocate for state adoption of the most recent IECC without amendments
- Enforce energy efficiency during plan review

3.2 Solar Installation Incentives & Access

- Educate consumers
- Provide funding for energy storage
- Exempt solar from property tax
- Reduce barriers to solar and battery storage

1st Step: Leading by Example

- Integrated Process
- Water
- Energy
- Indoor Environmental Quality
- Transportation
- Stormwater
- Site & Landscaping
- Architecture



2nd Step: Development Community Alignment

I. Zoning Re-write

II. CIP Planning Fund

III. Private Development
Guidance:

- Requirements for Benchmarking & Green Building Certification (5,000 sqft+)



-
- Recommendations for Energy Efficiency



OFFICE OF
SUSTAINABLE

Dawn Oleksy
City of Richmond, VA
Office of Sustainability
Energy Program Manager
804-646-6913
Dawn.Oleksy@rva.gov
www.rvagreen2050.com



OFFICE OF
SUSTAINABILITY

City of Richmond
RVAgreen
2050

How Are We Talking About EE?

Blair St. Ledger- Olson
League of Conservation Voters



How Are We Talking About EE?

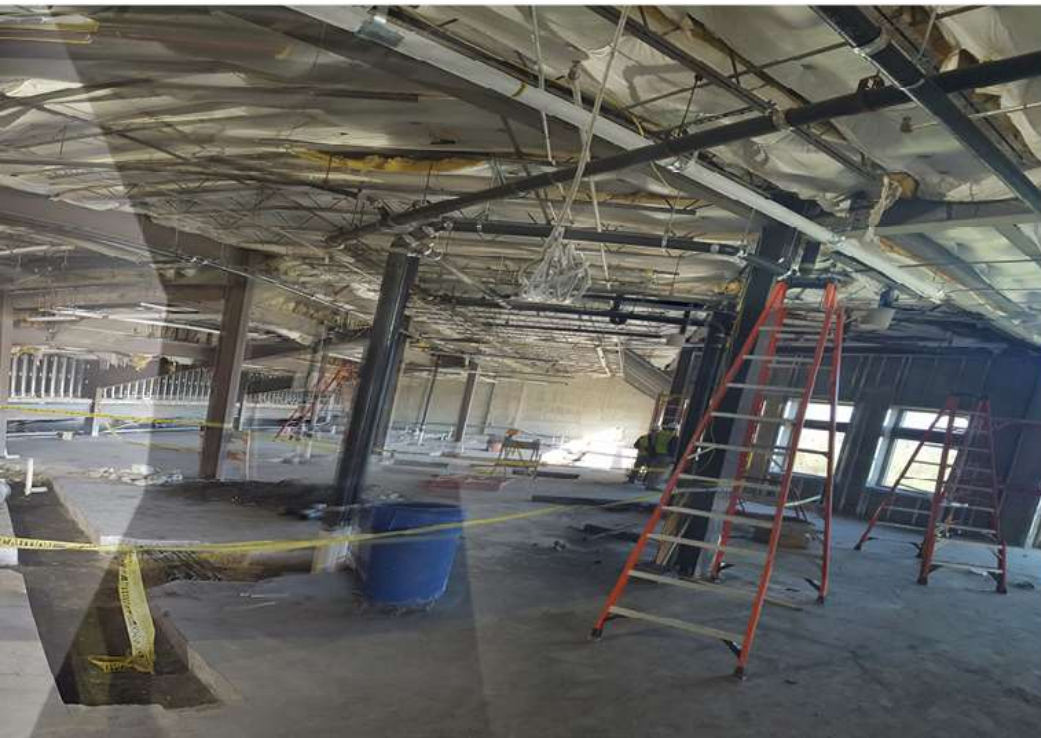
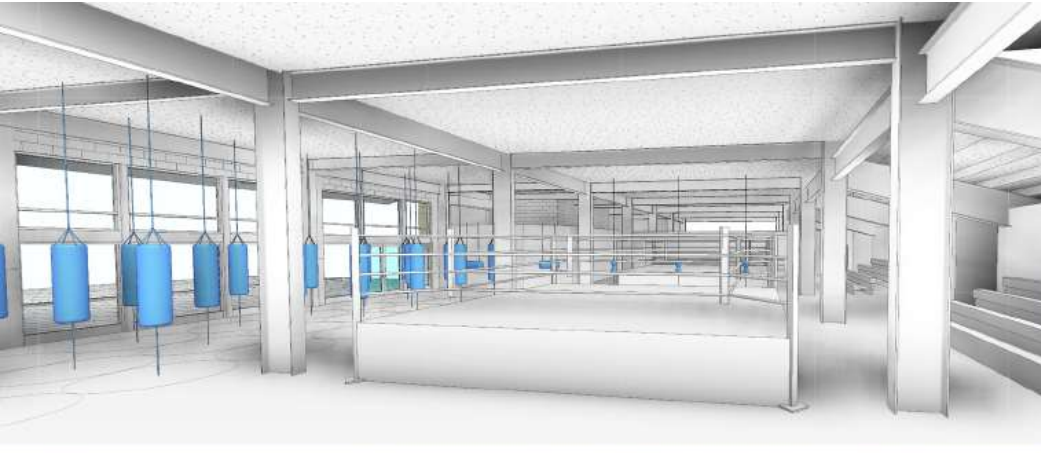
Andrew McKinley
VIA design architects





PURPOSING UNDERUTILIZED SPACES







Norfolk Boxing + Fitness Center



ROSNA THEATER
BOXING FACILITY

CITY PROPERTY

Public
Parking

Public
Parking
(Possible)

35TH STREET

COLLEY AVENUE

ROSNOLD AVENUE

NEWPORT AVENUE

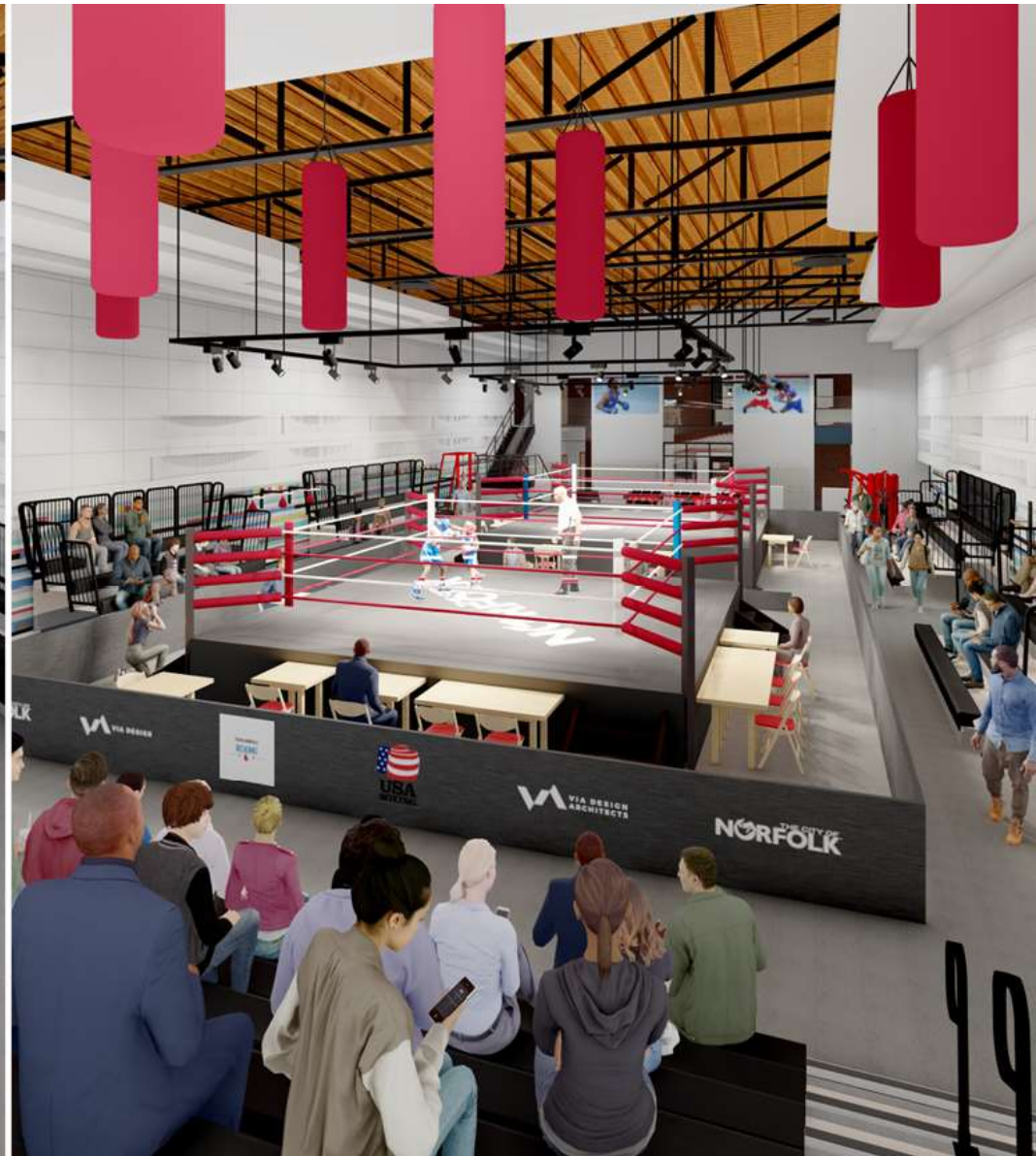
COMMUNITY IDENTITY

Public
Parking

Park Place
Branch -
Norfolk Public
Library

James Monroe
Elementary
School







Norfolk Boxing Round 2

An aerial photograph of an industrial facility, likely a quarry or aggregate processing plant, situated along a large body of water. The facility includes several large storage piles of materials, a white warehouse-like structure, and a yellow processing tower. A parking lot with several vehicles is visible in the foreground. The surrounding area is a mix of green trees and open land. The text "MAXIMIZING EXISTING POTENTIAL" is overlaid in large, bold, black capital letters across the center of the image.

MAXIMIZING EXISTING POTENTIAL





Interior Walls Removed



North Wall Removed + Replaced with Storefront



Ceiling Removed



Existing Mechanical Unit + Roof Curb Removed



An aerial photograph of a city street scene. In the foreground, a rooftop terrace with a wooden deck, metal railing, and several planters is visible. A group of people is gathered around a table on the terrace. In the middle ground, a modern, multi-story white building with large windows is prominent. To the right, a tram is traveling along a dedicated track. The background shows a mix of older and newer buildings, including a tall skyscraper. The sky is clear and blue.

**MODERN AMENITIES,
HISTORIC CHARACTER**





BEFORE
FIRST FLOOR



AFTER
FIRST FLOOR



BEFORE
2ND + 3RD FLOOR LANDINGS



BEFORE
3RD FLOOR PLAZA



AFTER
2ND + 3RD FLOOR LANDINGS



AFTER
3RD FLOOR PLAZA



How Are We Talking About EE?

Michele Mitch-Peterson
Siemens



How Are We Talking About EE?

Audience Q&A

Rebecca Hui, VAEEC (moderator)

rebecca@vaeec.org

Andrew McKinley, VIA design architects

amckinley@viadesignarchitects.com

Michele Mitch-Peterson, Siemens

michele.mitch-peterson@siemens.com

Dawn Oleksy, City of Richmond

Dawn.Oleksy@rva.gov

Blair St. Ledger-Olson, League of Conservation Voters

blair@valcv.org

