Weston & Sampson

COMMUNITY RESILIENCE BUILDING & HAZARD MITIGATION PLANNING STAKEHOLDER WORKSHOP 2

Dunstable, Massachusetts

October 26, 2023



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WORKSHOP 1: OVERVIEW

- Town of Dunstable undertaking:
 - Community Resilience Building process through EEA's Municipal Vulnerability Preparedness (MVP) Planning Grant to obtain Community Designation
 - Preparation of a natural Hazard Mitigation Plan (HMP)

Weston & Sampson Stanner

KEY TERMS NATURAL HAZARDS: A source of harm or PRIORITY POPULATIONS: People or difficulty created by a meteorological, communities who are disproportionately environmental or geological event. Natural hazards, such as flooding and earthquakes, impacted by climate change due to life circumstances that systemically increase their impact the built environment, including dams exposure to climate hazards or make it harder and levees. to respond. CLIMATE ADAPTATION: Actions taken at the COMMUNITY ASSETS: People, structures individual, local, regional, state, and national (buildings and facilities), systems, levels to reduce risks from changing climate conditions and prepare for impacts from natural/historic/cultural resources, the economy, and activities that have value to the additional changes projected for the future community. CLIMATE RESILIENCE: The ability to prepare for, HAZARD MITIGATION: Actions taken to reduce recover from, and adapt to climate change and or eliminate the long-term risk to human life and property from natural hazards. associated impacts. Weston & Sampsoñ













































ROOF STRATEGIES

- Design buildings with passive strategies including building orientation, high-performance insulation and windows, shading, and natural ventilation, and cool or green roofs
- Design buildings with a high-performance building envelope
- Install cool, high solar reflectivity roofs

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 Maximize opportunities for natural ventilation, upgrade building mechanical systems, and install ceiling fans (where applicable) for improved passive survivability



LOSS OF USE STRATEGIES

- Enhance Resilient Public Amenities
 Support Business and
- Organizational Preparedness
- Protect Community Buildings
- Enhance Emergency Response Plans
- Provide For Healthcare Continuity and Access



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COMMUNITY STRATEGIES

- Enhance Outdoor Thermal Comfort
 Seek Green Infrastructure
 Opportunities
- Expand and Improve Open Spaces
- Elevate or retrofit historic and culturally important buildings
- Protect environmental corridors or areas of connected greenspace



















SUMMARY & WRAP UP
Questions?
 Next Steps
Ways to stay involved
 Public Meeting: November 2023
– Review Draft Plan: Spring 2024
– Listening Session: Spring 2024
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thank you westonandsampson.com