Green Building Project Checklist

| Green Building | |
|----------------------------|--|
| Project Location: | 75 First Street, Cambridge, MA 02141 |
| | |
| Applicant | |
| Name: | Urban Spaces, LLC |
| Address: | 55 Bent Street, Cambridge, MA 02141 |
| Contact Information | |
| Email Address: | hirsch@urbanspacesllc.com |
| Telephone #: | 617-868-5558 ext 112 |
| Project Information (selec | et all that apply): |
| ✓ New Construction - G | |
| ☐ Addition - GFA of Add | lition: |
| ☐ Rehabilitation of Exist | ting Building - GFA of Rehabilitated Area: |
| ☐ Existing Use(s) of | Rehabilitated Area: |
| | |
| ☐ Proposed Use(s) o | of Rehabilitated Area: |
| | |
| ☐ Requires Planning Boa | ard Special Permit approval |
| ☐ Subject to Section 19. | 50 Building and Site Plan Requirements |
| ☐ Site was previously su | ubject to Green Building Requirements |
| | |
| Green Building Rating Pro | gram/System: |
| ☑ Leadership in Energy | and Environmental Design (LEED) - Version: Version 4 |
| ☐ Building Design + | Construction (BD+C) - Subcategory: |
| ☑ Residential BD+C | - Subcategory:LEED BD+C: Multifamily Mid-Rise |
| ☐ Interior Design + 0 | Construction (ID+C) - Subcategory: |
| ☐ Other: | |
| | on: |
| ☐ PHIUS+ | |
| ☐ Passivhaus Institu | ut (PHI) |
| ☐ Other: | |
| ☐ Enterprise Green Com | |





Project Phase

☑ SPECIAL PERMIT

Before applying for a building permit, submit this documentation to CDD for review and approval.

Required Submissions

All rating programs:

- ☑ Rating system checklist
- ☑ Rating system narrative
- ☑ Net zero narrative (see example template for guidance)
- ☑ Affidavit signed by Green Building Professional with attached credentials use City form provided (Special Permit)





Project Phase

☐ BUILDING PERMIT

Before applying for a building permit, submit this documentation to CDD for review and approval.

Required Submissions

| | Rating system checklist - updated from any prior version |
|-----|--|
| | Rating system narrative - updated from any prior version with additional supporting information from construction documents |
| | Net zero narrative - updated from any prior version (see example template for guidance) |
| | Energy Simulation Tool results demonstrating compliance with selected rating system. [Note: For Passive House rating program, must use WUFI Passive, Passive House Planning Package (PHPP), or comparable software tool authorized by Passive House.] |
| | Credentials of Green Commissioning Authority (or copy of contract between developer and Commissioning Authority if an independent consultant or subcontractor), including documentation of Green Commissioning process experience on at least two building projects with a scope of work similar to the proposed project extending from early design phase through at least ten (10) months of occupancy |
| | Affidavit signed by Green Building Professional with attached credentials - use City form provided (Building Permit) |
| Pas | sive House rating program only: |
| | Letter of intent from Passive House rater/verifier hired for on- site verification, with credentials of rater/verifier |
| | Credentials of Certified Passive House Consultant who has provided design, planning, or consulting services (if different from the Green Building Professional for the project) |
| | Construction drawings and specifications |





Project Phase

☐ CERTIFICATE OF OCCUPANCY

Before applying for a certificate of occupancy, submit this documentation to CDD for review and approval.

Required Submissions

All rating programs:

| Rating system checklist - updated from any prior version |
|--|
| Rating system narrative – updated from any prior version with additional supporting information from as-built conditions |
| Net zero narrative - updated from any prior version (see example template for guidance) |
| Energy Simulation Tool results demonstrating compliance with selected rating system, updated to as-built conditions. [Note: For Passive House rating program, must use WUFI Passive, Passive House Planning Package (PHPP), or comparable software tool authorized by Passive House.] |
| Affidavit with schedule of commissioning requirements signed by Green Commissioning Authority, with attached credentials - use City form provided (Certificate of Occupancy) |
| Affidavit signed by Green Building Professional with attached credentials – use City form provided (Certificate of Occupancy) |
| sive House rating program only: Pressure Test Verification |
| Ventilation Commissioning |
| Quality Assurance Workbook |

☐ Final testing and verification report from rater/verifier





75 First Street Scorecard

Location: 75 First Street, Cambridge, MA 02141

Note: The information on this tab is READ-ONLY. To edit this information, see the Credit Category tabs.



| Integrative | Process | Preliminary Y 1 of 2 | M 0 | Verified 0 |
|-------------|---------------------|----------------------|-----|-------------------|
| IPc | Integrative Process | 1 of 2 | 0 | |



| Location ar | d Transportation | Preliminary | Υ | 15 of 15 | M 0 | Verified | 0 |
|-------------------|-----------------------------------|-------------|---|----------|-----|----------|--------------|
| LTp | Floodplain Avoidance | | | Required | | | Not Verified |
| Performance Pat | h | | | | | | |
| LTc | LEED for Neighborhood Development | | | 0 of 15 | 0 | | |
| Prescriptive Path | | | | | | | |
| LTc | Site Selection | | | 8 of 8 | 0 | | |
| LTc | Compact Development | | | 3 of 3 | 0 | | |
| LTc | Community Resources | | | 2 of 2 | 0 | | |
| LTc | Access to Transit | | | 2 of 2 | 0 | | |



| Sustainab | le Sites | Preliminary Y | 4 of 7 | M 0 | Verified | 0 |
|-----------|--|---------------|----------|-----|----------|--------------|
| SSp | Construction Activity Pollution Prevention | | Required | | | Not Verified |
| SSp | No Invasive Plants | | Required | | | Not Verified |
| SSc | Heat Island Reduction | | 0 of 2 | 0 | | |
| SSc | Rainwater Management | | 2 of 3 | 0 | | |
| SSc | Nontoxic Pest Control | | 2 of 2 | 0 | | |



| Water Effici | ency | Preliminary | Υ | 8 of 12 M | 0 | Verified | 0 |
|-------------------|-------------------|-------------|---|-----------|---|----------|--------------|
| WEp | Water Metering | | | Required | | | Not Verified |
| Performance Pat | h | | | | | | |
| WEc | Total Water Use | | | 0 of 12 | 0 | | |
| Prescriptive Path | • | | | | | | |
| WEc | Indoor Water Use | | | 5 of 6 | 0 | | |
| WEc | Outdoor Water Use | | | 3 of 4 | 0 | | |



| Energy and Atmosphere | | Preliminary Y | 22.5 of 37 | M 0 | Verified | 20.5 |
|-----------------------|--|---------------|------------|-----|----------|--------------|
| EAp | Minimum Energy Performance | | Required | | | Not Verified |
| EAp | Energy Metering | | Required | | | Not Verified |
| EAp | Education of the Homeowner, Tenant or Building Manager | | Required | | | Not Verified |
| EAc | Annual Energy Use | | 20.5 of 30 | 0 | | 20.5 |
| EAc | Efficient Hot Water Distribution System | | 2 of 5 | 0 | | |
| EAc | Advanced Utility Tracking | | 0 of 2 | 0 | | |



| Materials | and Resources | Preliminary Y | 1.5 of 9 | M 0 | Verified | 0 |
|-----------|-------------------------------------|---------------|----------|-----|----------|--------------|
| MRp | Certified Tropical Wood | | Required | | | Not Verified |
| MRp | Durability Management | | Required | | | Not Verified |
| MRc | Durability Management Verification | | 1 of 1 | 0 | | |
| MRc | Environmentally Preferable Products | | 0.5 of 5 | 0 | | |
| MRc | Construction Waste Management | | 0 of 3 | 0 | | |



| Indoor Environmental Quality | | | Υ | 9.5 of 18 | M 0 | Verified | 0 |
|------------------------------|---|--|---|-----------|-----|----------|--------------|
| EQp | Ventilation | | | Required | | | Not Verified |
| EQp | Combustion Venting | | | Required | | | Not Verified |
| EQp | Garage Pollutant Protection | | | Required | | | Not Verified |
| EQp | Radon-Resistant Construction | | | Required | | | Not Verified |
| EQp | Air Filtering | | | Required | | | Not Verified |
| EQp | Environmental Tobacco Smoke | | | Required | | | Not Verified |
| EQp | Compartmentalization | | | Required | | | Not Verified |
| EQc | Enhanced Ventilation | | | 3 of 3 | 0 | | |
| EQc | Contaminant Control | | | 0.5 of 2 | 0 | | |
| EQc | Balancing of Heating and Cooling Distribution Systems | | | 2 of 3 | 0 | | |
| EQc | Enhanced Compartmentalization | | | 0 of 3 | 0 | | |
| EQc | Combustion Venting | | | 2 of 2 | 0 | | |
| EQc | Enhanced Garage Pollutant Protection | | | 1 of 1 | 0 | | |
| EQc | Low-Emitting Products | | | 0 of 3 | 0 | | |
| EQc | No Environmental Tobacco Smoke | | | 1 of 1 | 0 | | |



| Innovation | | Preliminary Y | 4 of 6 | M <i>0</i> | Verified | 0 |
|------------|------------------------------|---------------|----------|------------|----------|--------------|
| INp | Preliminary Rating | | Required | | | Not Verified |
| INc | Innovation | | 3 of 5 | 0 | | |
| INc | LEED Accredited Professional | | 1 of 1 | 0 | | |



| Regional F | Priority | Preliminary | Y 3 o | f 4 M 0 | Verified | 0 |
|------------|-------------------|-------------|-------|---------|----------|---|
| RPc | Regional Priority | | 3 0 | f4 0 | | |

| Point Floors | | | | | |
|---|-------------------------------|---------------|--|--|--|
| The project earned at least 8 points total in Location and Transportation and Energy and Atmosphere | | Yes | | | |
| The project earned at least 3 points in Water Efficiency | | | | | |
| The project earned at least 3 points in Indoor Environmental Quality | | No | | | |
| Total | Preliminary Y 68.5 of 110 M 0 | Verified 20.5 | | | |

Certification Thresholds Certified: 40-49, Silver: 50-59, Gold: 60-79, Platinum: 80-110

75 First Street Cambridge, MA 02141 Design LEED Green Building Narrative

June 20, 2022

PREPARED FOR

Urban Spaces, LLC 55 Bent Street Cambridge, MA 02141

PREPARED BY

CLEAResult 50 Washington Street Westborough, MA 01581

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| | Regional Priority | 11 |
| | | |

Introduction

CLEAResult is pleased to submit the Design Green Building Narrative for 75 First Street. This report is required under Article 22 and is intended to supplement the LEED checklist.

CLEAResult is one of 38 Provider organizations of the United States Green Building Council's LEED for Homes program and has served in this capacity since the program's first pilot in late 2005. CLEAResult served as the LEED for Homes Green Rater and the LEED for Homes Provider for the 75 First Street project.

75 First Street a six-story new construction residential building. The building is approximately 60,270 square feet and will contain 90 residential units made up of a mix of studio, 1, 2, and 3-bedroom apartments.

LEED Scope

CLEAResult conducted LEED for Homes meetings with the project team of the 75 First Street development to create a LEED for Homes Midrise checklist. CLEAResult was able to assess that with the intent and decisions made thus far that all the applicable prerequisite items in the rating system are being met. Sufficient optional credits are allowing the project to achieve the LEED Gold threshold. Design details and strategies by which the project will achieve each LEED prerequisite and credit is described in further detail below.

| Category | Points |
|------------------------------|--------|
| Innovation & Design | 1 |
| Location & Transportation | 15 |
| Sustainable Sites | 4 |
| Water Efficiency | 8 |
| Energy & Atmosphere | 22.5 |
| Materials & Resources | 1.5 |
| Indoor Environmental Quality | 9.5 |
| Innovation | 4 |
| Regional Priority | 3 |
| TOTAL POINTS | 68.5 |

SECTION 1: LEED FOR HOMES CHECKLIST

LEED BD+C: Multifamily Midrise v4 - LEED v4

LTc

LTc

LTc

75 First Street Scorecard

Location: 75 First Street, Cambridge, MA

Note: The information on this tab is READ-ONLY. To edit this information, see the Credit Category tabs.

Compact Development

Community Resources

Access to Transit



| | Integrative P | rocess | Preliminary | Υ | 1 of 2 | | | Verified | 0 |
|----|-----------------|-----------------------------------|-------------|---|----------|---|---|----------|--------------|
| ı | Pc | Integrative Process | | | 1 of 2 | | 0 | | |
| | Location and | Transportation | Preliminary | Υ | 15 of 15 | M | Ó | Verified | 0 |
| J | LТр | Floodplain Avoidance | | | Required | | | | Not Verified |
| Pe | erformance Path | | | | | | | | |
| 1 | LTc | LEED for Neighborhood Development | | | 0 of 15 | | 0 | | |
| PI | escriptive Path | | | | | | | | |
|) | LTc | Site Selection | | | 8 of 8 | | 0 | | |



| Sustaina | able Sites | Preliminary Y | 4 of 7 | M O | Verified | 0 |
|----------|--|---------------|----------|-----|----------|--------------|
| SSp | Construction Activity Pollution Prevention | | Required | | | Not Verified |
| SSp | No Invasive Plants | | Required | | | Not Verified |
| SSc | Heat Island Reduction | | 0 of 2 | 0 | | |
| SSc | Rainwater Management | | 2 of 3 | 0 | | |
| SSc | Nontoxic Pest Control | | 2 of 2 | 0 | | |

3 of 3

2 of 2

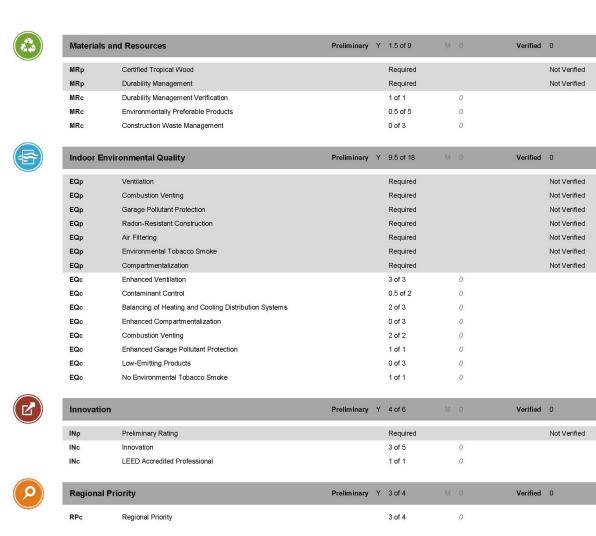
2 of 2



| Water Effici | Preliminary | Υ | 8 of 12 | M | 0 | Verified | 0 | |
|-------------------|-------------------|---|---------|----------|---|----------|---|--------------|
| WEp | Water Metering | | | Required | | | | Not Verified |
| Performance Pati | 7 | | | | | | | |
| WEc | Total Water Use | | | 0 of 12 | | 0 | | |
| Prescriptive Path | | | | | | | | |
| WEc | Indoor Water Use | | | 5 of 6 | | 0 | | |
| WEc | Outdoor Water Use | | | 3 of 4 | | 0 | | |



| Energy a | and Atmosphere | Preliminary Y | 22.5 of 37 | M 0 | Verified | 20.5 |
|----------|--|---------------|------------|-----|----------|--------------|
| EAp | Minimum Energy Performance | | Required | | | Not Verified |
| EAp | Energy Metering | | Required | | | Not Verified |
| EAp | Education of the Homeowner, Tenant or Building Manager | | Required | | | Not Verified |
| EAc | Annual Energy Use | | 20.5 of 30 | 0 | | 20.5 |
| EAc | Efficient Hot Water Distribution System | | 2 of 5 | 0 | | |
| EAc | Advanced Utility Tracking | | 0 of 2 | 0 | | |



Point Floors The project earned at least 8 points total in Location and Transportation and Energy and Atmosphere The project earned at least 3 points in Water Efficiency The project earned at least 3 points in Indoor Environmental Quality Total Preliminary Y 68.5 of 110 M 0 Verified 20.5

Certification Thresholds Certified: 40-49, Silver: 50-59, Gold: 60-79, Platinum: 80-110

INTEGRATIVE PROCESS

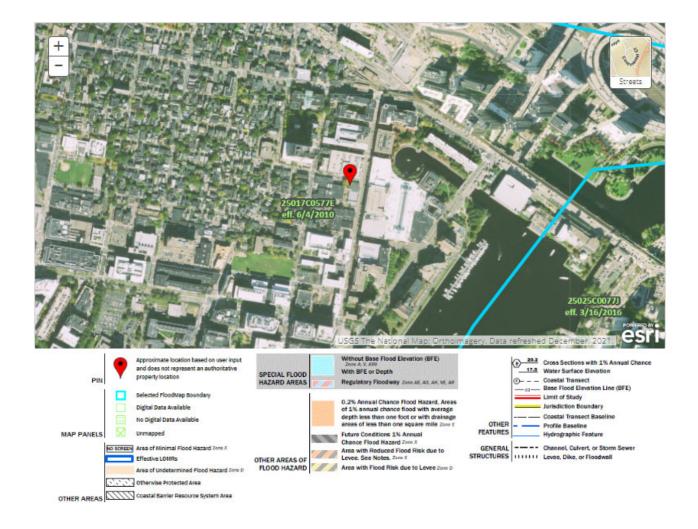
OPTION 2. TRADES TRAINING (1 POINT)

 The team, with CLEAResult, will provide on-site training for trades, especially focused on the requirements to achieve the compartmentalization.

LOCATION AND TRANSPORTATION

FLOODPLAIN AVOIDANCE (PREREQUISITE)

• The project will be constructed outside of any flood hazard areas defined by FEMA.



SITE SELECTION (8 POINTS)

Option 1. SENSITIVE LAND PROTECTION (4 POINTS)

Path 1. Previously Developed

• The project is located on a previously developed lot of 26,000 square ft. This is an urban infill project where 100% of the land is previously disturbed.

Option 2. INFILL DEVELOPMENT (2 POINTS)

• The project will be constructed at a location where more than 75% of the land within ½-mile from the project boundary is previously developed land.

Option 3. OPEN SPACE (1 POINT)

• The project is located within a ½-mile walk to Canal Park, Centanni Park, Anthony Costa Park and Silva Park.

Option 4. STREET NETWORK (1 POINT)

• The project is located in an area with intersection density of greater than 320 intersections per square mile according to https://htaindex.cnt.org/map/ and being a less than 2-acre project site achieves 38 qualifying intersections in the ¼ mile radius area around the project site.

Option 5. BICYLE NETWORK AND STORAGE (1 POINT)

• The project is located on existing bicycle network which connects to over ten community resources and transit stops. The building has a bike room which provides secure and covered bicycle storage.

COMPACT DEVELOPMENT (3 POINTS)

- 75 First Street has a calculated density of 150 dwelling units per acre.
 - o Buildable Area = .60 acre
 - o 90 Units/.60 Acre = 150 dwelling units per acre

COMMUNITY RESOURCES (2 POINTS)

• The project earns 2 points for being within a ½-mile of over 20 community resources. Exemplary performance is awarded for achieving over >20 community resources within a ½-mile.

ACCESS TO TRANSIT (2 POINTS)

• The project earns 2 points in this category for its proximity to Lechmere T station, which serves the Green Line and Bus #69, 80, 88, 80, 87, 69, and 64, providing over 432 weekday trips and 303 weekend trips.

SUSTAINABLE SITES

CONSTRUCTION ACTIVITY POLLUTION PREVENTION (PREREQUISITE)

- 75 First Street will follow the applicable LEED prerequisites of erosion control plan:
 - o Stockpile Disturbed topsoil
 - o Control Runoff
 - o Protect storm sewer inlets, and on-site water bodies
 - o Prevent dust, particulate pollution

These requirements will be in the project plans, specs, and details.

NO INVASIVE PLANTS (PREREQUISITE)

The project plant list will not include any plants designated as invasive to Massachusetts.

RAINWATER MANAGEMENT (2 POINTS)

• Case 2. NPDES Project – The project will install various components to comply with a 95th percentile rainstorm.

NONTOXIC PEST CONTROL (2 POINTS)

- The project will earn points for this credit by achieving the following criteria (0.5 pts each):
 - o Provide 6-inch minimum space between surface of landscape and non-masonry siding
 - Seal all external cracks, joints, penetrations, edges, and entry points with appropriate caulking.
 - Design discharge points for rain gutters, air-conditioning condensate lines, or any other moisture sources such that discharge is at least 24" from the foundation
 - Provide a minimum 18" space between the exterior wall and plantings

WATER EFFICIENCY

WATER METERING (PREREQUISITE)

• The project will install a whole building water meter.

INDOOR WATER USE (5 POINTS)

• 75 First Street will receive 6 points for WaterSense high-efficiency bathroom faucet, showerhead, and toilets. 1 point will be earned for the sinks (≤1.50 gpm), equipped with a restricting device, 2 points for the showerheads (≤1.5 gpm), and 1 point for the average toilets (≤1.1 gpf), and 1 point for ENERGY STAR clothes washers.

OUTDOOR WATER USE (3 points)

• The project's planting design includes all native species and will have less than 20% turf grass.

| TABLE 1. Points for reducing turf grass and increasing native plantings, as percentage of total landscape area | | | | | | | | |
|---|-----|------------------------------|--------|--|--|--|--|--|
| TURF GRASS AREA | | NATIVE OR ADAPTED PLANT AREA | POINTS | | | | | |
| < 60% | AND | > 25% | 1 | | | | | |
| < 40% | AND | > 50% | 2 | | | | | |
| < 20% | AND | > 75% | 3 | | | | | |
| < 05% | AND | > 75% | 4 | | | | | |

ENERGY AND ATMOSPHERE

MINIMUM ENERGY PERFORMANCE (PREREQUISITE)

The projected energy savings for 75 First Street over ASHRAE 90.1-2010 are over 16%.

Option 2. COMMISSIONING USING PRESCRIPTIVE PATH

- Reduced Heating and Cooling Distribution System Losses for In-Unit HVAC
 - o Duct leakage will not exceed 4 cfm25 per 100 sq ft of conditioned floor area
 - Duct leakage in units smaller than 1,200 sq ft will not exceed 6cfm25 per 100 sq ft of conditioned floor area.
 - The project will meet the performance testing and ongoing requirements of fundamental commissioning and verification for central systems.

ENERGY METERING (PREREQUISITE)

The project will be installing electric meters for each unit and a whole building gas meter.

EDUCATION OF THE HOMEOWNER, TENANT, OR BUILDING MANAGER (PREREQUISITE)

• The project will develop an Operations & Maintenance Manual for the Building Manager. A Resident Manual will be developed.

ANNUAL ENERGY USE (20.5 POINTS)

- The energy model will achieve at least a 16% savings over ASHRAE 90.1-2010 earning 11 points. The project Home Size Adjustment Calculator yields 9.5 points.
 - Home Size Adjustment Calculation:

| | 0 Bed | drooms | 1Bedroom | | 2 Bedrooms | | 3 Bedrooms | | 4 Bedrooms | | 5 Bedrooms | | 6 Bedrooms | | | | | |
|-----------------------|--|----------------------------------|--------------------|----------------------------------|--------------------|----------------------------------|--------------------|----------------------------------|--------------------|---------------------------------|--------------------|----------------------------------|--------------------|---------------------------------|---|-----|---|-----|
| Building ID | Number of Units | Average Floor Area (sq ft) | Number of Units | Average Floor Area (sq.ft) | Number of Units | Average Floor Area (sq ft) | Number of Units | Average Floor Area (sq ft) | Number of Units | Average Floor Area (sqft) | Number of Units | Average Floor Area (sq.ft) | Number of Units | Average Floor Area (sqft) | | | | |
| | 8 | 480.00 | 70 | 630.00 | 10 | 920.00 | 2 | 1,430.00 | | | | | | | | | | |
| Home size adjustment | 5: | 2% | 3. | 7% | 40 | 3% | 35 | 5% | 0% | | 0% | | 0% | | | | | |
| Point adjustment | 10 | 3.0 | 9 | .3 | 10 | 1.6 | 8.8 | | 8.8 | | 8.8 | | 1 | 0.0 | 0 | l.O | C | 1.0 |
| Total number of units | | | | | | | | | | | | | | | | | | |
| Average home size poi | Average home size point adjustment 9.5 | | | | | | | | | | | 9.5 | | | | | | |

EFFICIENT HOT WATER DISTRIBUTION (2 POINTS)

Option 3. PIPE INSULATION

• The hot water pipes will be insulated to R-4.

MATERIALS AND RESOURCES

CERTIFIED TROPICAL WOOD (PREREQUISITE)

• 75 First Street will only use wood that is non-tropical, reused, reclaimed, or certified by the Forestry Stewardship Council.

DURABILITY MANAGEMENT (PREREQUISITE)

The project specifications will include all required Durability Management items.

| TABLE 1. Required Interior Moisture Control Measures for Homes | | | | | | | |
|--|---|--|--|--|--|--|--|
| LOCATION OR EQUIPMENT | REQUIRED MEASURE | | | | | | |
| Area directly above bathtub, spa, or shower (extending to ceiling), exposed wall or area behind fiberglass enclosure if wallboard is installed | Use nonpaper-faced backer board or paper-faced product or coating over wallboard that meets standard ASTM D 3273 standard | | | | | | |
| Kitchen, bathroom, laundry room, spa area | Use water-resistant flooring; do not install carpet | | | | | | |
| Tank water heater in or over living space | Install drain and drain pan, drain pan and automatic water shut-off or flow restrictor, or floor drain with floor sloped to drain | | | | | | |
| Clothes washer (or condensing clothes dryer) in or over living space | Install drain and drain pan, drain pan and automatic water shut-off or flow restrictor, or floor drain with floor sloped to drain | | | | | | |
| Conventional clothes dryer | Exhaust directly to outdoors | | | | | | |

DURABILITY MANAGEMENT VERIFICATION (1 POINT)

CLEAResult will verify that Energy Star Water Management Requirements are successfully implemented.

ENVIRONMENTALLY PREFERABLE PRODUCTS (.5 POINT)

Option 1. Local Production

• The project will use locally produced aggregate for concrete and foundation.

INDOOR ENVIRONMENTAL QUALITY

VENTILATION (PREREQUISITE)

- Continuously operating Energy Recovery Ventilation systems will be installed.
- ERV will continuously exhaust all bathrooms and living room areas and supply makeup air.
- Flow rates will comply with ASHRAE 62.2-2010 requirements.
- All air inlets will be located 2 ft above the roof and more than 3 feet from all contaminant sources.

COMBUSTION VENTING (PREREQUISITE)

No gas fired appliances will be installed.

GARAGE POLLUTANT PROTECTION (PREREQUISITE)

- The parking garage will institute the following items:
 - All penetrations through the floor are sealed
 - o All doors entering the garage are weather-stripped
 - o Carbon monoxide detectors are installed in rooms that share a door with the garage
 - o All penetrations and all cracks at the base of the walls are sealed.

RADON-RESISTANT CONSTRUCTION (PREREQUISITE)

 The project is located in EPA Radon Zone 1 and will design and build with radon-resistant construction techniques.

AIR FILTERING (PREREQUISITE)

- MERV 8 filters will be installed on all space conditioning systems
- MERV 6 filters will be installed on all systems mechanically supplying outdoor air

ENVIRONMENTAL TOBACCO SMOKE (PREREQUISISTE)

 No-Smoking will be a part of any agreement with future tenants and occupants. Smoking will be prohibited within 25 feet of the building. Appropriate signage will be provided in and around the building.

COMPARTMENTALIZATION (PREREQUISITE)

Unit blower door testing results will comply with the standard of 0.30 CFM per square foot of unit
enclosure area, for all units are < 1,200 Square Feet. A blower door test will be performed in a
sample of units to confirm compliance. Pathways for indoor air pollutants between units must be
sealed, including penetrations in walls, ceilings, and floors and by sealing demising assemblies and
vertical chases. All exterior doors and unit doors will be weather-stripped.

ENHANCED VENTILATION (3 POINTS)

Option1. Enhanced Local Exhaust (1 POINT)

• A continuously operating exhaust ventilation port will be installed in every bathroom with a shower.

AND/OR

Option 2. Enhanced Whole-House Ventilation (2 POINTS)

 The continuously operating ventilation system will incorporate energy recovery with fresh air being supplied to each unit. The design ventilation rate will meet ASHRAE 62.2-2010; the measured flow rates will not exceed the ASHRAE Standard by more than 10% and the project will be eligible to earn these points.

CONTAMINANT CONTROL (.5 POINT)

Permanent walk-off mats will be installed in exterior entryways.

BALANCING OF HEATING AND COOLING DISTRIBUTION SYSTEMS (2 POINTS)

CASE 1. FORCED-AIR SYSTEMS

Option 1. Multiple Zones (1 POINT)

• This point is granted automatically to multifamily projects with an average unit size of less than 1,200 ft². Average unit size is 864 ft².

AND/OR

Option 3. Pressure Balancing (1 POINT)

The pressure differential between bedrooms and adjacent in-unit spaces will be tested to confirm a
value of less than 3 Pascals is achieved. Transfer grilles will be included in the design to
accommodate airflow from bedrooms back to the HVAC return.

ENHANCED COMBUSTION VENTING (2 POINTS)

Option 1. No Fireplace or Woodstove

• The project does not have fireplaces or woodstoves

ENHANCED GARAGE POLLUTION PREVENTION (2 POINTS)

- The garage will have sufficient exhaust to create a negative pressure for abutting space
- The garage will have self-closing doors and have deck to deck partitions

 The project will install an exhaust fan that is on a carbon monoxide sensor that turns on at 35 ppm of CO

INNOVATION

PRELIMINARY RATING (PREREQUISITE)

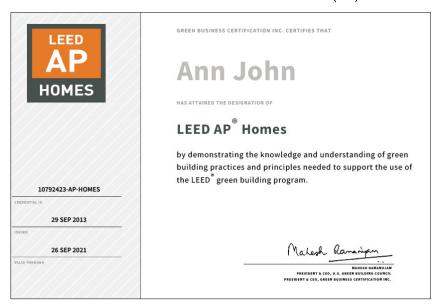
A meeting with the project team was conducted to generate a preliminary rating.

Option 3. ADDITIONAL STRATEGIES (3 POINTS)

- 75 First Street will earn 3 additional points for Exemplary Performance in these categories:
 - o LT –Community Resources (>20 uses within ½ mile)
 - o LT Site Selection (Earned all 9 points in this section)
 - LT Compact Development (>35 DU/acre of buildable land)

LEED AP HOMES (1 POINT)

• Ann John with CLEAResult is a LEED Accredited Professional (AP) Homes.



REGIONAL PRIORITY

REGIONAL PRIORITY (3 POINTS)

- Regional Priority credits are determined by the USGBC based on zip code. If a certain point threshold is
 met in these categories, an additional point is awarded. 75 First Street is eligible for points in the following
 categories:
 - Annual Energy Use Required point threshold: 20 points. The project will achieve 20 points for Annual Energy Use
 - Nontoxic Pest control Required point threshold 2 points. The project will achieve the 2 points required.
 - o Access to Transit Required point threshold 1 point. The project will achieve 2 points.



Green Building Requirements Net Zero Narrative



Last Updated - 2/23/2021

Introduction

The "Net Zero Narrative" is required for projects subject to Green Building Requirements, Section 22.20 of the Cambridge Zoning Ordinance. The requirement is based on the recommendations of the City's Net Zero Action Plan (adopted in 2015), which seeks to neutralize greenhouse gas emissions in Cambridge by 2050. This plan sets a timeframe of 2025 for most new construction to be designed to a "net zero" standard, meaning that on an annual basis, all greenhouse gas emissions resulting from building operations are offset by carbon-free energy production. In the meantime, the goal is to reduce greenhouse gas emissions to the maximum extent possible, and to design and develop buildings to adapt to net zero emissions in the future.

This Net Zero Narrative is provided for advisory review only. It is intended to inform City staff and officials on how the Net Zero Action Plan has influenced the design of the project, and to begin a dialogue so that all parties can better understand what building improvements are possible and what the major barriers are to achieving net zero emissions. As research, design, and development of the project continues to unfold, this narrative must be updated and included in the submission for the Building Permit and Certificate of Occupancy.

Example Narrative Template

This document provides an example format for the Net Zero Narrative as a guide for developers and designers. Variations are appropriate to account for the unique conditions of a case. However, any Net Zero Narrative must include the components set forth in Paragraph (c), Section 22.25.1 of the Zoning Ordinance:

- (1) anticipated building envelope performance, including roof, foundation, walls and window assemblies, and window-to-wall ratio;
- (2) anticipated energy loads, baseline energy simulation tool assumptions, and proposed energy targets, expressed in terms of site energy use intensity ("EUI"), source EUI, and total greenhouse gas emissions;
- (3) description of ways in which building energy performance has been integrated into aspects of the Green Building Project 's planning, design, and engineering, including building use(s), orientation, massing, envelope systems, building mechanical systems, on-site and off-site renewable energy systems, and district- wide energy systems;
- (4) description of the technical framework by which the Green Building Project can be transitioned to net zero emissions in the future (acknowledging that such a transition might not be economically feasible at first), including future net zero emissions options for building envelope, HVAC systems, domestic hot water, interior lighting, and on- and off-site renewable energy sources;
- (5) description of programs provided by local utility companies, government agencies, and other organizations that provide technical assistance, rebates, grants, and incentives that can assist in achieving higher levels of building performance, summarizing which entities have been contacted and which programs could be utilized in the Green Building Project; and
- (6) assessment of the technical and financial feasibility to meet the projected HVAC and domestic hot water demands of the building as noted above in (2) using energy systems that do not consume carbon-based fuels on-site compared to code-compliant energy systems that consume carbon-based fuels on-site, which shall include the cost of installation, maintenance and upkeep of the energy system and its components (incorporating programs and incentives as noted above in (5).

Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Project Profile

Development Characteristics

| 9750 + 16250 = 26,000 Total (75 1st + 85 1st. Lots) |
|---|
| Retail |
| |
| Retail, Commercial and Residential |
| |
| 65 ' and 6 stories |
| |
| 90 |
| 7,042 |
| 0 |
| Long Term: 97 spaces. Short Term: 9 spaces |
| |
| |

Green Building Rating System

Choose the Rating System selected for this project:

| LEED-Leadership in Energy & Environmental Design (U.S. Green Building Council) | | | | | | | |
|--|----------------------|-------------------------|------|--|--|--|--|
| Rating System & Version: | LEED BD+C v4: | Seeking Certification?* | No | | | | |
| | Multifamily Mid-Rise | | | | | | |
| Rating Level: | Gold | # of Points: | 68.5 | | | | |

| Enterprise Green Communities | | | | |
|------------------------------|-------------------------|-----|----|-----|
| Rating System & Version: N/A | Seeking Certification?* | Yes | No | TBD |
| Rating Level: | # of Points: | | | |

| Passive House Institute US (PHIUS) or Passivhaus Institut (PHI) | | | | |
|---|-------------------------|-----|----|-----|
| Rating System & Version: N/A | Seeking Certification?* | Yes | No | TBD |

^{*}NOTE: Certification is not required through the Green Building Requirements. However, you may choose to indicate if the Project Team intends to pursue formal certification through these Green Building Rating Programs (or their affiliates).

Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Proposed Project Design Characteristics

Building Envelope

Assembly Descriptions:

| Roof: | Flat Roof Assembly with Continuous R30 Insulation |
|-----------------------|--|
| | |
| Foundation: | R10 |
| | |
| Exterior Walls: | Wall Assembly with Brick veneer /Lap siding R27 (R20+R7.5 Continuous |
| | Insulation) |
| Windows: | High Performance Vinyl / Fiberglass windows – U factor of max. 0.30 |
| | |
| Window-to-Wall Ratio: | 22% |
| | |
| Other Components: | N/A |
| · | • |

Envelope Performance:

Provide estimates of the thermal transmittance (U-value) for the building envelope compared to "Baseline" standards required by the Massachusetts Stretch Energy Code, latest adopted edition.

| | Proposed | | Baseline | |
|--------|-----------|---------|-----------|---------|
| | Area (sf) | U-value | Area (sf) | U-Value |
| Window | 9,935 | .30 | | |
| Wall | 37,851 | .25 | | |
| Roof | 21,355 | .25 | | |

Envelope Commissioning Process:

Enhanced commissioning (CX) will be provided for the enclosure and the HVAC systems. The CX agent will include commissioning for the building's thermal envelope. Additionally, Clearesult, as the LEED Green Rater will complete the LEED for Homes Midrise Thermal Enclosure Inspection checklist to inspect for insulation, air barriers, reduced thermal bridging and air sealing.

Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Building Mechanical Systems

Systems Descriptions:

| Space Heating: | Dwelling Units Heating and Cooling - Centralized Heating and cooling would be provided by a low ambient variable refrigerant volume heat pump located on the roof. Dwelling unit heat pump shall be installed on roof or ground level with vibration isolators and interconnecting refrigerant piping to the fan coil unit refrigerant coil. A condensate drain piping system will also be required to transport condensate from each fan coil unit to storm drain or to the outdoors. Supply and return air shall be ducted from the unit to air outlets in each conditioned space. The main supply and return ducts shall be provided with acoustical lining for the first 6 lineal feet from the unit. Return air transfer ducts will be provided for each enclosed room to the main living area. The unit shall be controlled by a wall mounted programmable thermostat. |
|--------------------|--|
| | Each kitchen hood shall be recirculating type. |
| | Dryers are condensing type and do not require venting. |
| Space Cooling: | (See Above) |
| Heat Rejection: | Heat is absorbed and rejected through the roof mounted heat pumps. |
| Pumps & Auxiliary: | Not Required for the HVAC System |
| Ventilation: | Ventilation - Centralized |
| | Ventilation and exhaust will be provided by energy recovery units located on roof. New insulated low-pressure air duct systems will provide conditioned ventilation and exhaust air down through a vertical shaft to each floor with fire/smoke dampers, and balancing dampers at duct penetration into the shaft. The ventilation air shall be ducted to each dwelling unit terminating into a ceiling supply register with radiation damper to provide ventilation to the apartment; bathroom and kitchen exhaust air shall be through a ceiling exhaust register with radiation damper shall exhaust air. The ventilation air shall be heated and cooled with packaged heat pump system. |
| | The domestic hot water heater will consist of a high efficient electric tank type heat pump water heater, sized to meet the demand of each dwelling unit and located in a mechanical closet dedicated for each dwelling unit. Plumbing contractor to provide an expansion tank, safe waste pans and indirect waste for each water heater. This shall terminate to a floor drain on the lowest level. Water sensing alarms shall be provided in each pan to notify occupants of a potential tank failure. |

Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

| and utility rooms shall be provided with linear strip fixtures. Corridors shall be provided with recessed linear direct/indirect fixtures and wall-mounted scon at the resident unit entries. Lobby areas shall be provided with decorative pendant fixtures, surface, ceiling and wall decorative fixtures. Residential unit shall be provided with a combination of residential-grade fixtures including recessed downlights, surface mounted and vanity fixtures and shall be listed the Designlight Consortium's DLC qualified product list or be energy star rate Offices, laundry, bathrooms and community room shall be provided with recessed linear direct/indirect fixtures. The lighting design shall meet MSBC Article 780 CMR 13.00 Energy Conservation and IECC 2015. LED garage lights shall be provided in the parking garage. Lighting control shall be by means of occupancy/vacancy sensors in common areas including bathrooms, laundry rooms, office, corridors/lobbies. Local manual switching shall be provided in residential units and utility rooms whe motion sensors would present a hazard. | | |
|---|--------------------|---|
| areas including bathrooms, laundry rooms, office, corridors/lobbies. Local manual switching shall be provided in residential units and utility rooms whe motion sensors would present a hazard. | Interior Lighting: | pendant fixtures, surface, ceiling and wall decorative fixtures. Residential units shall be provided with a combination of residential-grade fixtures including recessed downlights, surface mounted and vanity fixtures and shall be listed on the Designlight Consortium's DLC qualified product list or be energy star rated. Offices, laundry, bathrooms and community room shall be provided with recessed linear direct/indirect fixtures. The lighting design shall meet MSBC Article 780 CMR 13.00 Energy Conservation and IECC 2015. LED garage lights |
| Exterior Lighting: Exterior site lighting and building perimeter lighting shall be controlled by a | | manual switching shall be provided in residential units and utility rooms where |
| timeclock with photocell. | Exterior Lighting: | Exterior site lighting and building perimeter lighting shall be controlled by a timeclock with photocell. |
| Other Equipment: N/A | Other Equipment: | N/A |

Systems Commissioning Process:

Enhanced commissioning (CX) will be provided for the enclosure and the HVAC systems. The CX agent will provide guidance on system selection, energy modeling, design review, and on-site system installation review and final CX will be provided on all systems.

Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Building Energy Performance Measures

Overview

Broadly describe the ways in which building energy performance has been integrated into the following aspects of the project's planning, design, engineering, and commissioning. More detail on specific measures can be provided in appendices.

| Land Uses: | Planned Unit Development PUD |
|-----------------------------------|--|
| | |
| | |
| Building Orientation and Massing: | The building shape maximize the capturing of the Daylight. The Proposed L-Shaped building is wrapping around the existing retail building, it creates a recessed building massing with less visual impact on 1st Street. |
| Envelope Systems: | Brick Veneer wall /Siding wall assembly with Continuous insulation, High Performance windows and Recessed-in storefront at the street level. |
| Mechanical Systems: | Refer to the above MEP Part |
| Renewable Energy Systems: | Solar PV ready project |
| District-Wide Energy Systems: | The Project is not large enough to be part of a district-wide energy system. |
| Other Systems: | |

Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Integrative Design Process

Describe how different parties in the development process (owners, developers, architects, engineers, contractors, commissioning agents) have collaborated in the design. Include the Basis of Design and Owner's Project Requirements and describe how they have been informed by planning activities such as meetings or design charettes. Describe how continuing collaborative processes will inform Schematic/Design and Construction Documents.

An integrative process will facilitate the design and development team's achievement of green objectives throughout the project life cycle. The team includes skill sets in architecture, civil engineering, mechanical/electrical/plumbing, energy engineering, and sustainable design. The project will include LEED Accredited Professional and LEED Green Raters to ensure a complete, integrated approach to design, construction, operations, and maintenance. Regular design meetings will be held to confirm the entire team is engaged throughout the design and construction process. As the project moves into construction, on-site trainings, inspections, and testing will ensure the project is built according to these requirements.

Green Building Incentive Program Assistance

Describe any programs applicable to this project that would support improved energy performance or reduced greenhouse gas emissions, and which of those programs have been contacted and may be pursued. Programs may be offered by utility companies, government agencies, and other organizations, and might include rebates, grants, financing, technical assistance, and other incentives.

| The proponent will pursue MASS SAVE rebat | The proponent will pursue MASS SAVE rebates. | | |
|---|--|--|--|
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Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Net Zero Scenario Transition

Describe the technical framework by which the project can be transitioned to net zero greenhouse gas emissions in the future, acknowledging that such a transition might not be economically feasible at first. This description should explain the future condition and the process of transitioning from the proposed design to the future condition.

| | Net Zero Condition: | Transition Process: |
|------------------------------|--|---------------------|
| Building Envelope: | High efficiency building envelope with continuous insulation | |
| HVAC Systems: | Current system is planned to be all electric | |
| Domestic Hot Water: | Current system is planned to be all electric | |
| Lighting: | All lighting will be lowest energy use available | |
| Renewable Energy Systems: | Project will include solar | |
| Other Strategies: | | |

Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Energy Systems Comparison

Overview

This section should describe the results of an analysis comparing the technical and financial feasibility to meet the projected HVAC and domestic hot water demands of the building using energy systems that do not consume carbon-based fuels on-site compared to code-compliant energy systems that consume carbon-based fuels on-site.

| The project will be all electric | | |
|----------------------------------|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |

Assumptions

Describe what building energy systems were included and excluded in your analysis and why.

| | Included in | analysis? | Describe the systems for which this was analyzed or explain |
|--|-------------|-----------|---|
| | Yes | No | why it was not included in the analysis: |
| Solar Photovoltaics: | X | | Project will be solar ready |
| Solar Hot Water: | | | |
| Ground-Source Heat Pumps (Geothermal): | | | |

Project Name/Address: 75 First Street Submitted By: CLEAResult Date of Submission: 9/15/2022 **Water-Source Heat Pumps: Air-Source Heat Pumps:** Non-Carbon-**Fuel District Energy:** Other Non-**Carbon-Fuel Systems:** Non-Carbon-Fuel Scenario All electric building

Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Solar-Ready Roof Assessment

The purpose of this assessment is to determine the technical feasibility of solar energy system installation, either as part of the proposed project or in the future. It is helpful to supplement this narrative with a plan depicting the information provided.

| Total Roof Area (sq. ft.): | 21,355 |
|----------------------------------|--|
| Unshaded Roof Area (sq. ft.): | 14,313 |
| Structural Support: | It is anticipated that the PV array can be a ballasted attachment. |
| Electrical Infrastructure: | TBD |
| Other Roof Appurtenances: | N/A |
| Solar-Ready Roof Area (sq. ft.): | 5,700 |
| Capacity of Solar Array: | TBD |
| Financial Incentives: | TBD |
| Cost Feasibility: | 21,355 |

Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Results - TBD

Briefly summarize the results of the analysis and how it has informed the design of the project. Also include figures for the "Non-Carbon-Fuel Scenario" in the concluding Summary Table at the end of the Net Zero Narrative. Attachments can be provided with more specific figures and metrics regarding installation, maintenance, and upkeep costs (exclusive of operating fuel expenses), but a full report is not necessary.

| TBD | Propos | ed Design | Non-Carbon-Fuel Scenario | | |
|-----------------------------------|-------------------|------------------|--------------------------|------------------|--|
| | Installation Cost | Maintenance Cost | Installation Cost | Maintenance Cost | |
| Space Heating | | | | | |
| Space Cooling | | | | | |
| Heat Rejection | | | | | |
| Pumps & Aux. | | | | | |
| Ventilation | | | | | |
| Domestic Hot Water | | | | | |
| (Financial Incentives) | | • | | | |
| Total Building Energy System Cost | | | | | |

| | Describe results and conclusions from the analysis. | | | | | |
|---|---|--|--|--|--|--|
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Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

Anticipated Energy Loads and Greenhouse Gas Emissions -TBD

| | umptions and meti | -, | conduct preliminary | | |
|-------------------|---------------------|----|---------------------|------------------|-----------------|
| targeta jor the p | roject. Specificany | | ponemes of the sun | amy were merades | a ana exeratea. |
| | | | | | |
| | | | | | |
| | | | | | |

Annual Projected Energy Consumption and Greenhouse Gas (GHG) Emissions

The preliminary energy modeling results should be shown in a concluding table format similar to what is shown at the end of this document. It should compare the "baseline building" (Massachusetts Stretch Energy Code) to the proposed design, as well as the future "net zero" scenario described later in this narrative.

| | Baseline Building | | Proposed Design | | Future Net Zero Scenario | | Non-Carbon-Fuel Scenario | |
|---|-------------------|----------------------|------------------------|------------------------------|--------------------------|---------------------------|--------------------------|---------------------------|
| | kWh or Therms | % of Total | kWh or Therms | % of Total | kWh or Therms | % of Total | kWh or Therms | % of Total |
| Space Heating | | | | | | | | |
| Space Cooling | | | | | | | | |
| Heat Rejection | | | | | | | | |
| Pumps & Aux. | | | | | | | | |
| Ventilation | | | | | | | | |
| Domestic Hot Water | | | | | | | | |
| Interior Lighting | | | | | | | | |
| Exterior Lighting | | | | | | | | |
| Misc. Equipment | | | | | | | | |
| | \$US, kBTL | I, kBTU/SF | \$US, kBTU, kBTU/SF | % Reduction from Baseline | \$US, kBTU, kBTU/SF | % Reduction from Baseline | \$US, kBTU, kBTU/SF | % Reduction from Baseline |
| Site EUI | | | | | | - | | - |
| Source EUI | | | | | | | | |
| Total Energy Use | | | | | | | | |
| Total Energy Cost | | | | | | • | | |
| | kWh or Therms | % Total Energy | kWh or Therms | % Total Energy | kWh or Therms | % Total Energy | kWh or Therms | % Total Energy |
| On-Site Renewable Energy Generation | | | | | | | | |
| Off-Site Renewable Energy Generation | | | | | | | | |
| | Tons Co | O ₂ [/SF] | Tons CO₂ [/SF] | % Reduction from Baseline | | | | |
| GHG Emissions | | | | | | | | |
| GHG Emissions per SF | | | | | | | | |

It may be helpful to present this information in a chart or graph. The following page provides examples.

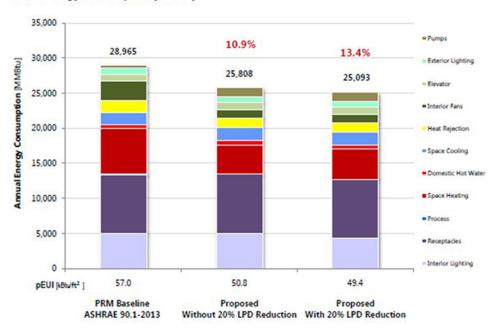
Project Name/Address: 75 First Street

Submitted By: CLEAResult

Date of Submission: 9/15/2022

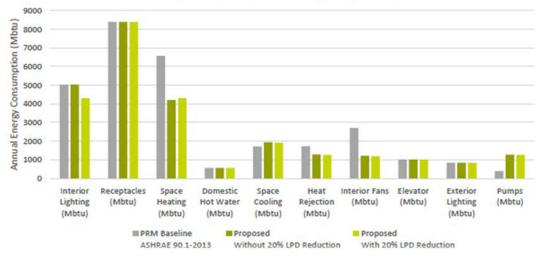
Example Chart 1:

Annual Energy Consumption [MMBtu]



Example Chart 2:





Affidavit Form for Green Building Professional Special Permit

Green Building
75 First Street, Cambridge, MA

| Project Location: | /5 First Street, Cambridge, MA | | | | |
|----------------------------|--|--|--|--|--|
| Green Building Profession | al | | | | |
| Name: | Daniel M. Skolski, AIA/NCARB, Managing Principal | | | | |
| XX rchitect | | | | | |
| ☐ Engineer | | | | | |
| License Number: | 20038 | | | | |
| Company: | DMS design, llc | | | | |
| Address: | 5 Essex Green Drive, Suite 11A, Peabody, MA 01960 | | | | |
| Contact Information | | | | | |
| Email Address: | dskolski@dmsdesign.com | | | | |
| Telephone Number: | 978-965-3470 | | | | |
| | | | | | |
| I, Daniel M. Skolski, A | A/NCARB , as the Green Building Professional for | | | | |
| this Green Building Projec | t, have reviewed all relevant documents for this project and confirm to the best of my | | | | |
| knowledge that those do | uments indicate that the project is being designed to achieve the requirements of | | | | |
| Section 22.24 under Artic | 22.20 of the Cambridge Zoning Ordinance. | | | | |
| TERED | RCA | | | | |
| S STATELY S | | | | | |
| NO 20 | September 14, 2022 | | | | |
| (Signature) | (Date) | | | | |
| A MA | | | | | |

- ☐ Credential from the applicable Green Building Rating Program indicating advanced knowledge and experience in environmentally sustainable development in general as well as the applicable Green Building Rating System for this Green Building Project.
- Xf the Green Building Rating Program does not offer such a credential, evidence of experience as a project architect or engineer, or as a consultant providing third-party review, on at least three (3) projects that have been certified using the applicable Green Building Rating Program.



Attach either:





MULTIPLE AWARD WINNER

Engineering News-Record Regional Best Project Merit Award in the mixed-use category.

Prism Award for Best Community Clubhouse and Best Use of Technology in a Community

NAHB 2021 Silver Level Best in American Living Green Community Award

PROJECT BUDGET \$ 65,000,000

(Completed 2021)

OWNER / DEVELOPER The Procopio Companies

CONTRACTOR Dellbrook/JKS

PROJECT SYNOPSIS New construction of a 259-unit market rate high-

rise apartment building consisting of studio, one and two-bedroom units with first floor retail space, a restaurant, a multi-use roof deck including grill area, exercise area, community garden, and a roof top pool. Amenity spaces include a fitness area, club room, sports lounge, and co-work area. The building has an array of sustainability features including individual ventilation systems in each unit, an energy-efficient automated parking system, electric-car charging stations, solar-power production, smart thermostats, and a rooftop garden. Caldwell is the first LEED Platinum certified building in Lynn and is the largest LEED Platinum Certified multifamily building in New England.

RESIDENCES AT FAIRMONT STATION

Hyde Park, Massachusetts



PROJECT BUDGET \$ 8,000,000 (LIHTC-DHCD)

(Completed in 2018)

OWNER / DEVELOPER Residences at Fairmount Station, LLC

Joint Venture of Traggorth Companies, LLC and

Southwest Boston CDC

CONTRACTOR Delphi Construction

PROJECT SYNOPSIS New construction of a 27-unit affordable

apartment building with 3 studio units, 3 onebedroom units, 16 two-bedroom units, and 5 three-bedroom units over one level of parking. DMS was the Architect of Record. The project

is projected to be LEED Silver certifiable.

150 RIVER STREET

Mattapan, Massachusetts



PROJECT BUDGET \$ 11,000,000 (LIHTC-DHCD)

OWNER / DEVELOPER Planning Office of Urban Affairs and The

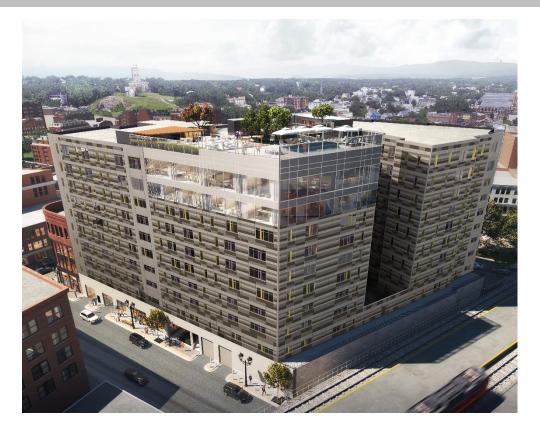
Caribbean Integration Community Development Corporation, Inc.

CONTRACTOR Not Selected (Construction Start: Spring 2023)

PROJECT SYNOPSIS New construction of 30-units of mixed income,

age-restricted housing on a 43,120 square foot empty parcel; studio and one-bedroom housing with community amenity spaces, and passive open space. The project is projected

to be LEED Silver certifiable.



PROJECT BUDGET \$ 95,000,000 (ON HOLD)

OWNER / DEVELOPER The Procopio Companies

CONTRACTOR Callahan Construction

PROJECT SYNOPSIS New construction of a 314-unit mixed-use,

high-rise LEED Gold apartment building consisting of one and two-bedroom units, three vanilla shell retail spaces and one vanilla shell restaurant space. Amenity spaces include a sports lounge, plus two roof decks and a rooftop pool. This building has a

134-car automated parking system.