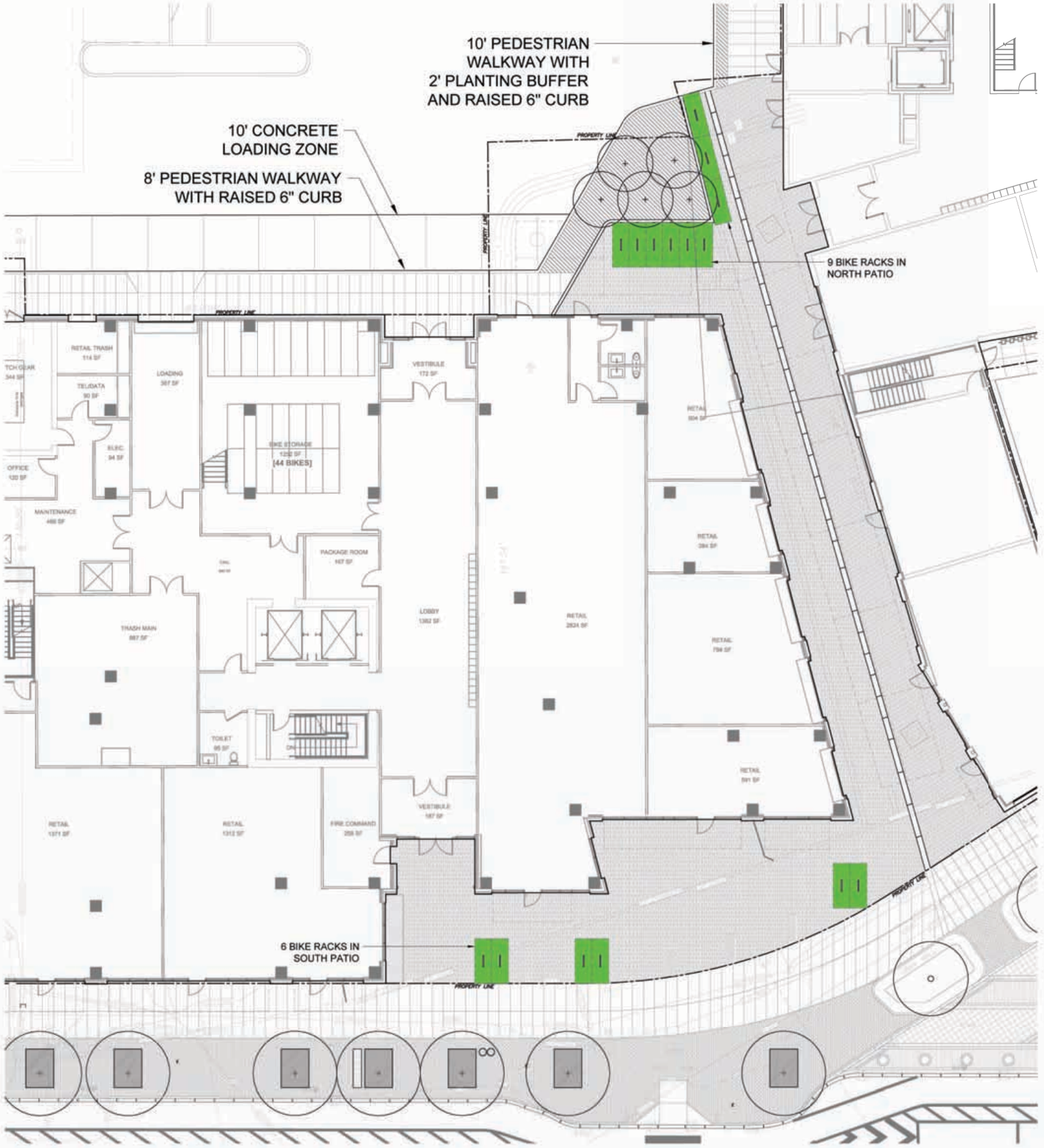
APPENDIX | TABLE OF CONTENTS

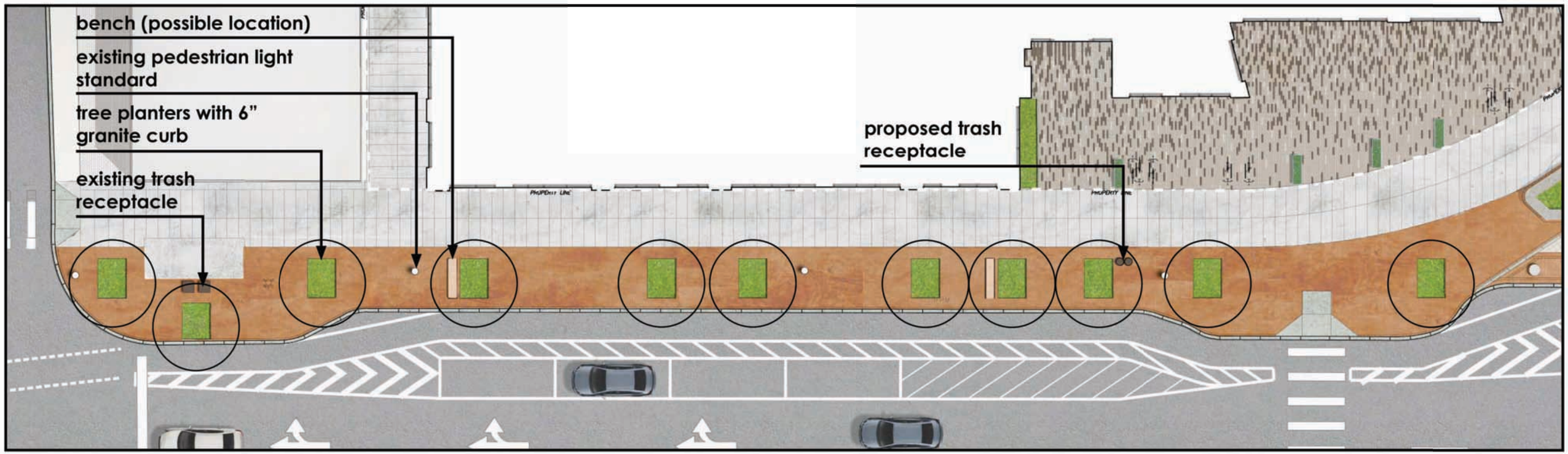
Short-term Bicycle Parking Plan

Updated Figure 5.4



MASS AVE STREETSCAPE

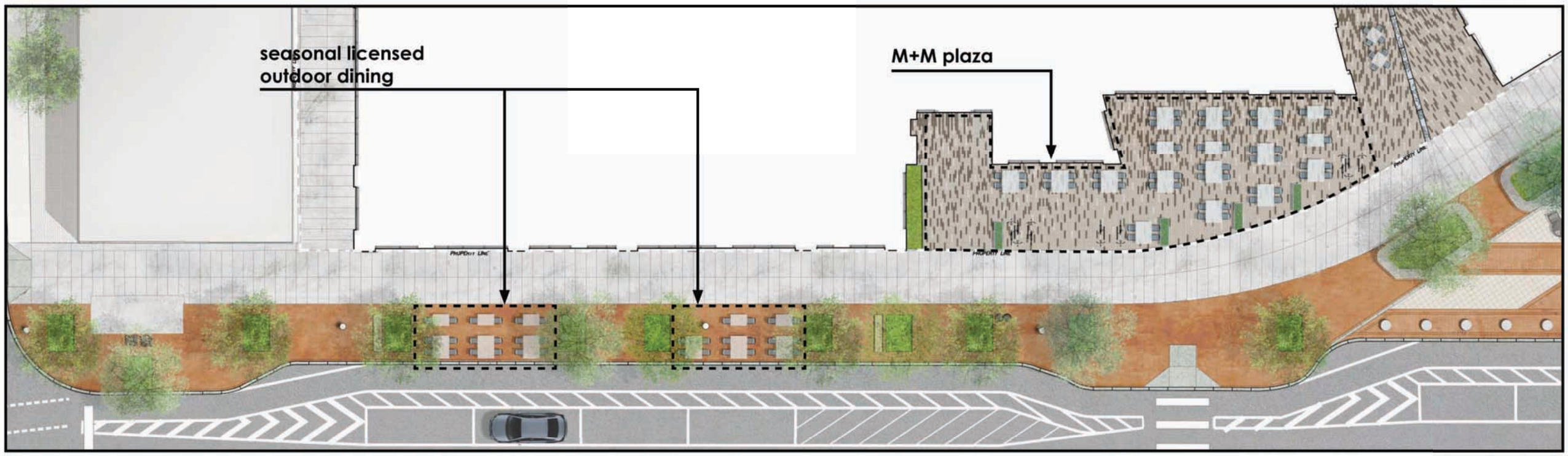
NOTE: All streetscape design elements including: tree species and placement; furniture (movable and fixed), as well as, trash receptacles are subject to ongoing city staff design review.



Updated Figure 1.19a

MASS AVE STREETSCAPE

NOTE: All streetscape design elements including: tree species and placement; furniture (movable and fixed), as well as, trash receptacles are subject to ongoing city staff design review.



Updated Figure 1.19b

Mass + Main
Cambridge, MA

Construction Management Plan

Submitted to:
Twinings Properties

Submitted by:
John Moriarty & Associates

November, 2016

4

Table of Contents

1. Introduction

1.1 Project Description

JMA / Twinings Properties proposes the construction of the Mass + Main project which will be constructed on an aggregation of land parcels located between Mass Ave, Columbia St and Bishop Allen Drive. Watermark Central consists of constructing two buildings.

Building B1 is a 19-story building, with a ground-level floor plate of approximately 18,570 SF and totaling approximately 234,600 GSF; two full parking levels below grade and 18 residential levels above grade and a small mechanical penthouse. The building will have two main stairs of egress from the roof level down to street access. The total height of the building is approximately 195' above street level to the roof with average floor to floor heights of 9'-10".

Building B2 is a wood frame building consisting of one level of ground floor retail and residential entry, amenity and support space, and five levels of wood frame residential apartments. It will be connected to an existing building on site that is being restored and renovated (the Apollo Building). The renovated Apollo space of approximately 4835 sf will feature ground floor retail and residential dwelling units on floors 2 and 3. The B2 building is approximately 54,600 sf and 70 feet in height to the roof.

There are significant utility and site improvements being implemented as part of the construction project.

Names and Titles of the persons for all matters pertaining to Permits:

The Developer is:
Twinings Properties
Joseph Bearak, Owners Rep
One Broadway 3rd Floor,
Cambridge, Ma 02139
617-908-0550

Construction Manager is:
John Moriarty and Associates
Christopher Brown SVP
3 Church Street
Winchester, MA 01890
781-729-3900

Architect is:
CBT
David Nagahiro
110 Canal Street
Boston, MA 02114
617-262-4354

Structural Engineer is:
McNamara/Salvia
Craig Hammond
101 Federal Street
Boston, Ma 02110
617-737-0040

Civil Engineer is:
Vanasse Hangen Brustlin Inc.
Howard Mosier
99 High Street Suite 1005
Boston, MA 02110
617-728-7777

Geotechnical Engineer is:
Haley and Aldrich
Mark Haley
465 Medford St Suite 2200
Boston, MA 02129-1400
617-886-7400

Mechanical Engineer is:
Cosentini Associates
Robert Leber
101 Federal Street
Boston, MA 02210

2. Construction Methodology

1.2 Construction Program

Anticipated Start:	June 2017
Substantial Completion:	January 2020

2.2 Construction Activity Schedule

- **PHASE I: Month 1 – 3 (Refer to Logistic Plans; Phase 1)**
  Mobilization /site prep / demolition

  • Mobilization:
  - Site fencing, gates & pedestrian and bicycle access ways
  - Geotechnical monitoring instrumentation
  - Installation of erosion control measures
  - Preconstruction survey (completed previously)
  - Off-site & on-site utility location and re-location
  - Signage; pedestrian/vehicle/bicycle way finding
  - Rainwater settling tank
  - Establish storage/laydown area
  - Establish perimeter site lighting
  - Establish truck routing to site

  • Demolition: Months 1-3
  - Site and existing building preparation
  - Abatement and utility cut and cap
  - Building demolition Establish truck route for debris removal

- **PHASE II: Months 3-6 (Logistic Plan Phase 2)**
  Slurry Wall and PIF Foundations

  - Pre-excavation for obstructions
  - Slurry wall excavation
  - Slurry Wall with slurry plant and fabrication of rebar cages onsite
  - PIF foundation system for Building B2

PHASE III: Months 7-8 (Logistic Plan Phase 3)
Excavation /Concrete Foundations / Utilities

  - Excavation and bracing for B1 below grade garage
  - Excavation and slab prep for pile caps at B2
  - Laydown area created for reinforcing steel
  - Establish routing for reinforcing steel delivery trucks and concrete trucks and pump truck
  - Concrete footing and mat placement
  - Underground plumbing
  - Slab on grade
  - Tower crane installation

- **PHASE IV: Months 9-19**
  Structure (steel/SOD at B1 /wood at B2) / Exterior Façade

    - Structural steel and SOD placement at B1 Floors B1-PH
    - Concrete plinth slab and structural wood framing at B2
    - Perimeter framing & sheathing board
    - Precast panel system installed each panel by tower crane support
    - Window framing and glazing into precast with assistance from the tower crane as well as curtain wall installation
    - Window install, siding installation at B2
    - Boom lifts, swing staging and staging may be necessary during this phase
    - Building waterproofing application
    - Temporary roofing will enable interior construction to begin on floors below
    - Rooftop Mechanical Equipment
    - Permanent Roofing Material & Worker hoist installation
        - Loading platforms created at grade for the exterior material hoist. The material hoist will be in use for the main purpose for delivering construction material up through the building during construction. Once a freight elevator in the core is operational, the exterior hoist will be dismantled and the exterior of the building complete.

    - Temporary fire protection standpipes installed per contract drawings designed by MEP engineer of record.

- **PHASE IV: Months 12-completion**
  Interior Rough-In's/Finishes/Landscape & Hardscape

    - Interior Rough: Months 12-20
        - All interior stud framing, MEP rough installation, GWB tops and fire safing.
    - Interior Finishes: Months 14-28
        - Finish materials will be delivered to the floors via the exterior hoist until such time the building freight elevator is available.
    - Site improvements: Month 22-28
        - Concrete sidewalks
        - New curbing
        - Pavers
        - Landscaping, lighting
        - Temp barricades, signage and construction fence shall be removed and meters will be replaced as improvements are completed at street level.

2.3 Construction Staging Areas

The proposed construction staging plans will be designed to isolate the construction from the surrounding neighborhood while providing safe access for pedestrians , vehicles and bicyclists during normal day-to-day activities, operations and emergencies. The initial site mobilization will include installation of a screened chain-link fence founded on concrete sleeves around the entire

perimeter of the site to isolate the construction area. Two gates will control entry to and from the site. All staging will occur within the area bordered by the Project Barriers.

All construction activity will be kept within the designated areas set forth in the Construction Management Plan (CMP). There will be no stockpiling of fill, equipment, or materials on public property or public ways outside of the areas detailed in the Construction Management Plans.

Temporary fencing, posts, barricades and gates will secure the site and staging areas. The temporary fencing and gates will secure all construction areas and will not allow pedestrians to enter the site. Temporary mobile barriers (ropes and cones) will be used to isolate street utility operations on Columbia Street, Mass Ave and Bishop Allan Dr as required; street plates will be used to cover open utility operations at the end of each shift.

2.4 Signage

Signage will direct pedestrians around the site as well as directing truck traffic and deliveries. Proper signage will be placed along the site perimeter in those areas that may be confusing to pedestrians and vehicle drivers. The area utilized and vehicle/pedestrian traffic flow will remain constant throughout the entire duration of the project.

A Project sign will be installed and shall contain the following:

- Official address of the site
- The Owner and the intended use of the Project
- The Construction Manager's corporate name
- The telephone number of the Construction Manager’s on-site office
- A statement "Comments on Construction Impacts Welcome"

The Project sign shall be installed at the start of construction (including the utility work and sidewalk occupation) located as determined by the Construction Manager, and shall be maintained throughout the entire Project length. The Project sign shall not be removed until the "Certification of Occupancy" is received and all site work, including roadway and sidewalk reconstructions, is complete.

2.5 Perimeter Protection/Public Safety

JMA will strictly adhere to and monitor all procedures for the protection of the public on a daily basis. The Project site will be enclosed with a construction fence and barricades wherever necessary, and signage will be provided to maintain a safe environment for pedestrians.

Twinings Properties and JMA will ensure that work areas are designed and located to minimize impact to pedestrians, bicyclists and vehicular traffic flow.

Proper signage as required by the Cambridge Traffic Department will be installed and regularly updated as site conditions change during the construction process.

Police details will be provided to facilitate pedestrian and vehicular flow when certain activities dictate them. Construction procedures will be designed to meet OSHA safety standards for site construction activities. Signage will be provided to direct pedestrian traffic to the sidewalk across Ames Street opposite the construction site.

3. Construction Traffic Impacts

3.1 Worker Parking

There will be no On-site parking. Construction work force will be directed to use public transportation and/or off-site parking lots. The contractors will have storage areas for their workers on the project so that the drop off for small tools and equipment will not be a daily occurrence for the same personnel. Signage will be established for the drop off area and there will be "No Idling" signage posted to alleviate air quality issues with idling vehicles. The area will be monitored for compliance on a daily basis by JMA and enforced to meet these criteria.

Due to the close proximity of the Central Square MBTA station, employees will be encouraged to use the T.

Trip Generation by construction workers is directly related to the number of workers on the site at a given time. The number of workers per day will vary considerably as construction proceeds. The minimum number of workers per day will be 20 and the maximum will be close to 200. Over the entire construction period, the average number of workers per day will be approximately 100.

As is the practice in Cambridge, most of the construction workers will travel to the site by public transportation. The site is convenient to the Red Line Central Square Stations as well as a number of bus routes. The developer will also provide sufficient and secure storage areas for worker's equipment to facilitate use of the "T". In addition to these factors, construction workers generally travel before the morning peak hour (working 7:00 AM to 3:30 PM) further lessening the impact that these workers will have on the adjacent street network during the morning and evening peak hours.

3.2 Truck Routes and Volumes

Truck traffic will vary throughout the construction period, depending on the activity. Construction truck access to and from the Project site for delivery of supplies, materials, and removal of excavated materials and demolition debris required for the Project shall be limited to the truck routes set forth on the "Truck Routing Plan" of this Construction Management Plan (refer to plans). These routes will be mandated as a part of all subcontractors' contracts for the project.

No truck idling or queuing will be permitted on the jobsite or on any community street prior to 7:00 AM and truck idling, in general, will be limited to five (5) minutes per vehicle.

Trucks are needed to remove debris and material excavated or removed from the site, and to deliver new construction materials as the project proceeds. Onsite trucks shall have scrubbers.

Truck traffic related to this construction site shall vary considerably throughout the construction period.

The impact of construction trucks in the evening peak hour is expected to be insignificant because most deliveries are completed prior to the end of the typical construction work day (3:30 PM). Truck activity is expected to be uniformly distributed throughout the work day.

Trucks coming to and from the site are required to use major arterial roadways or highways and not local streets. The selection of proposed truck routes is based on the following criteria:

- Keeping trucks out of residential neighborhoods
- Designating specific roads where trucks are permitted
- Providing access to and from the major arteries, Route I-93 North, Route 1, Massachusetts Turnpike (Route I-90 West), and the Southeast Expressway (Route I-93 South)

The proposed truck routes minimize the impact of construction trucks on the adjacent neighborhoods.

The use of an offsite local marshalling yard may be utilized if required. Final location to be provided to CTD prior to start of structural work when exact sequencing of materials has been determined and subcontractor selection finalized.

3.3 Off-site Staging

At no time will City streets be used for crane placement, staging of trucks, and/or off-loading of trucks without permit application and approval.

Any truck unable to immediately access the jobsite upon arrival shall be directed to a designated off-site area (TBD), not on a public way.

During the excavation, foundations, superstructure, facade, interiors and final landscaping phases, the contractors will use the areas within the fence.

Excavation equipment; pile drilling rigs; concrete pumps; support cranes; tower cranes for concrete structure and façade support; façade scaffolding, staging, mast climbers, swing staging and boom lifts; material/personnel hoist; deliveries and dumpsters will all occur within the defined perimeter barriers.

Local material deliveries will be coordinated and controlled by scheduled deliveries. Deliveries will be stopped for that contractor that does not comply with time dispatch by the JMA Superintendent.

JMA will provide alternate offsite staging areas, subject to approval by the Cambridge Transportation Department, thirty (30) days prior to the phase of work where the staging is needed. There are several locations currently being reviewed by JMA.

All excavation dump trucks and concrete trucks will be radio dispatched and controlled to avoid queuing.

3.4 Public Parking

Public parking will be redirected to 65 Bishop Allen Drive. Additionally, 47 Bishop Allen Drive or a similar facility will be made available to mitigate further parking impacts.

4. Construction Air Quality

4.1 Construction Impacts

Impacts associated with construction activities may generate fugitive dust, which could result in localized increases in airborne particulate levels. Fugitive emissions from construction activities will depend upon such factors as the problems of the emitting surface (e.g., moisture content and volume of spills), meteoric variables and construction practices employed.

4.2 Dust Control

To reduce emission of fugitive dust and minimize impacts on the local environment, the Construction Manager will be required to adhere to a number of strictly enforced mitigation measures, including the following:

- Wetting agents will be used regularly to control and suppress dust that may come from construction materials
- If applicable, all trucks for transportation of construction debris will be tarped and their wheels cleaned before exiting the site at a designated wheel wash
- All construction debris will be placed in onsite dumpsters for prompt removal
- Construction practices will be monitored to ensure that unnecessary transfers and mechanical disturbances of loose materials are minimized and that any emissions of dust are negligible
- Street cleaning shall be provided by mechanical street sweeper, as required, from the time the first truck arrives until after the last truck leaves, during the excavation phase and at least one week thereafter. Sweeping limits shall encompass the entire truck route along which spoilage may be left

4.3 Odor Control

Methods that shall be used by the Contractor to control nuisance odor emissions associated with earthwork include:

- Improving site drainage in order to minimize standing water from remaining in excavated areas, and pumping collected groundwater to sump locations
- Covering stockpiles of excavated material with polyethylene sheeting and securing it with sandbags or an equivalent method to prevent the cover from being dislodged by the wind
- Reducing the amount of time that excavated material is exposed to the open atmosphere

- Maintaining the construction site free of trash, garbage, and debris

Methods that shall be used by the Contractor to control nuisance odors associated with diesel emissions from construction equipment include:

- Turning off diesel combustion engines on construction equipment not in active use and on dump trucks that are idling while waiting to load or unload material for 5 minutes or more.

- Locating combustion engines away from sensitive receptors such as fresh air intakes, air conditioners, and windows.

5. Construction Noise

5.1 Mitigation Measures

Every reasonable effort will be made to minimize the noise impact of construction activities. Mitigation measures to be undertaken will include:

- Work hours shall include any time necessary to perform equipment warm-up and no warm-up period shall occur before 7:00am starting time

- Using appropriate mufflers on all equipment and on-going maintenance of intake and exhaust mufflers

- Muffling enclosures on continuously running equipment, such as air compressors and welding generators

- Using less noisy specific construction operations and techniques where feasible (e.g., mixing concrete off-site instead of on-site)

- Selecting the quietest of alternative items of equipment (e.g., electric instead of diesel-powered equipment, hydraulic tools instead of pneumatic impact tools)

- Scheduling equipment operations to keep average levels low, synchronize noisiest operations with times of highest ambient levels, and to maintain relatively uniform noise levels

- Turning off idling equipment

- Locating noisy equipment as far as possible from sensitive areas (e.g., residential neighbors)

- Installation of a site barricade

- Tower cranes utilized through the structural concrete and façade installations will reduce street noise associated truck-mounted equipment.

6. Additional Construction Mitigation Measures

6.1 Vibrations

All means and methods for performing work at the project site will be evaluated to minimize potential vibration impacts on the adjacent properties and other nearby buildings.

6.2 Rodent Control

The City of Cambridge has declared that the infestation of rodents in the city is a serious problem. In order to control the infestation, the city enforces the requirements established under the Massachusetts State Sanitary Code, Chapter 11, 105 Section 108.6. Policy Number 87-4 established that the extermination of rodents shall be required for the issuance of permits for demolition, excavation, foundation, and basement rehabilitation. The Construction Manager will develop a rodent control program for the project prior to its construction start.

6.3 Utilities

Specific traffic management plans will be developed for the work required to perform the tie-ins. Connections to the existing services will be coordinated with the proper utility companies, such as Cambridge Water Department. All shutdowns will be arranged with affected parties and proper notice will be given prior to any shutdowns.

All existing utilities will be required to be identified utilizing an independent locating service specializing in this work.

6.4 Snow Removal

JMA will remove snow from within the site barricade area. This will be done daily and continuously, as necessary, to ensure that all streets and sidewalks are clear of snow and ice. Under no condition will the removed snow be disposed of on public property.

6.5 Cleaning

Streets and sidewalks will be cleaned daily by hand and/or by Pelican or similar street sweeping machines, if necessary.

6.6 Coordination

In order to minimize the potential traffic and parking impacts of ongoing and proposed construction, JMA will coordinate its construction efforts with other projects in the vicinity.

The construction site shall have a sign installed that shall list the name of construction company/general contractor, and their contact information including the phone number. This sign shall be clearly visible to enable the public to call with any questions or concerns.

In addition, the abutting properties shall be informed of the scheduled start of construction, and will be updated on the development during its construction as needed.

JMA will conduct quarterly meeting with the Neighborhood Associations to advice on upcoming major activities. In addition, a weekly memo will be distributed providing a weekly look-ahead of all activities including those that have noise concerns.

6.7. Site Dewatering

Site dewatering is expected to be limited and will be in accordance with the applicable SWPPP or NPDES requirements for sedimentation control. Groundwater levels will be monitored during the construction process.

6.8 Debris Removal

Construction debris will be properly disposed to approved locations using licensed haulers. Construction debris shall be wetted and covered to minimize air born dust particles.

6.9 Emergency Contacts

A 24-hour emergency contact list will be provided to all parties involved in the project prior to start of demolition work and maintained throughout construction.

Preliminary List:

Chris Brown John Moriarty and Associates 617-719-9821

7. Approval

Submitted:

Month **Day** **Year**

John Moriarty & Associates

Approved:

Month **Day** **Year**

Twinings Properties

watermark **cambridge**

Smart design. Intelligent living.

residents' guide to

greenliving

watermarkcambridge

Welcome! We are excited that you are joining us here at Watermark Cambridge. This guide is intended to introduce you to our Green Living programs here at the building. Inside you will find an overview of what we are doing at the building to reduce our environmental footprint, and then more detailed information on:

how Watermark is a registered LEED green building

how to get around with by ZipCar, bicycle, subway, or walking

our exclusive Green Clean initiative

our extensive recycling/waste reduction programs

our commitment to renewable energy

how to save electricity and operate your appliances efficiently

Watermark is registered for LEED certification from the U.S. Green Building Council. What that means is that we are constantly looking for ways we can improve the energy efficiency of the building and reduce waste, and we welcome ideas from our residents. You will find further information and updates about various programs online in the BuildingLink site for Watermark under the “Green Living” section.

We look forward to making Watermark a “greener” place to live every day!

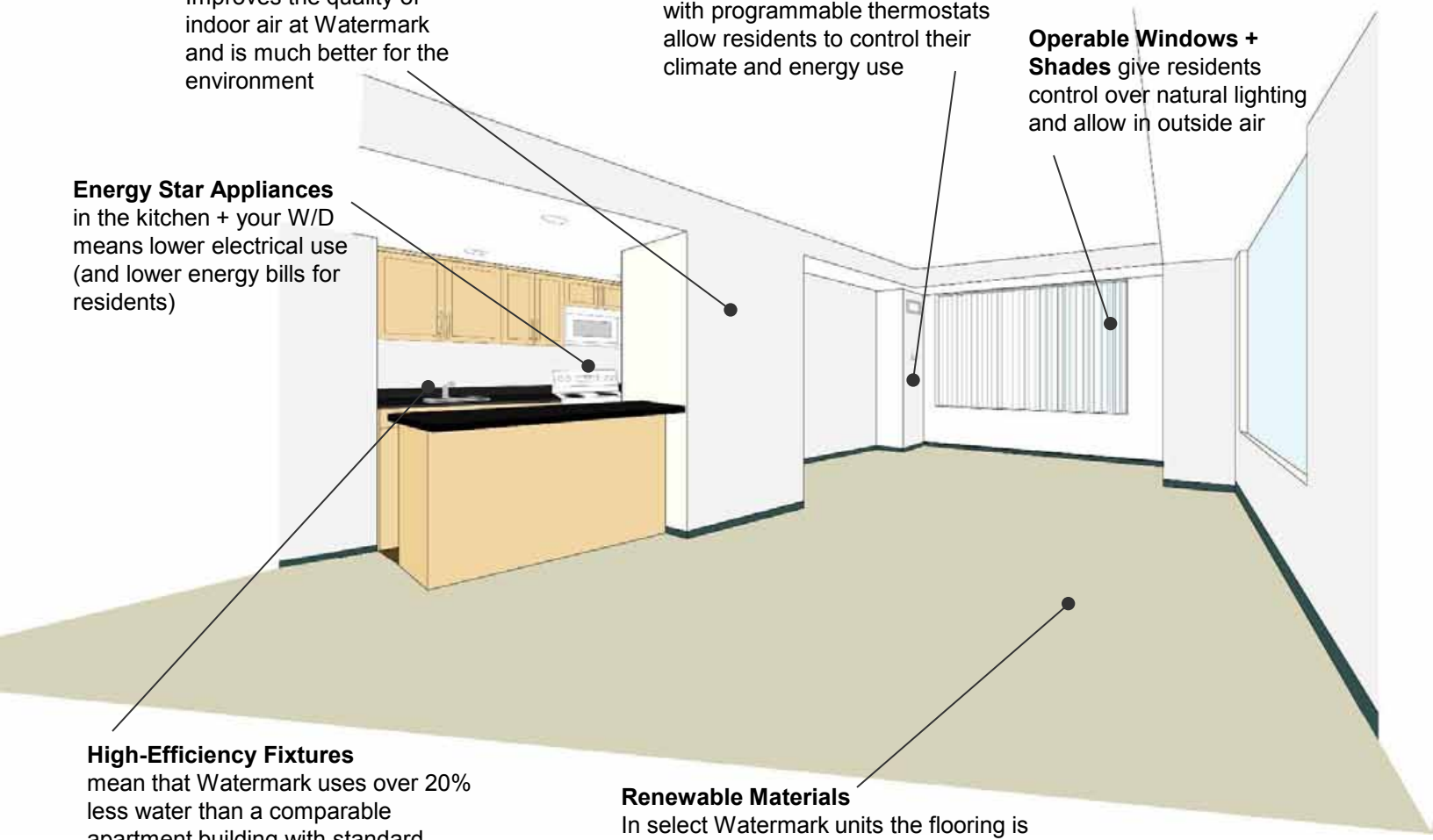
Kirk Bradford
Chief Engineer
Boston Residential Group

Catherine Malmberg Dannenbring
LEED AP, Development Manager
Twining Properties

Watermark: Built Green from the Inside Out

Watermark was the first high-rise residential building built following the new Massachusetts energy code in 2006. On this page and the next you can see some of the many features that make Watermark an environmentally friendlier building. At the same time, no matter how "green" you build a new building, if you don't operate the building in a way that is focused on the environmental impact, you aren't reducing the building's impact on the environment as much as possible. That's why Watermark is registered for LEED-EB: Operations & Maintenance certification with the U. S. Green Building Council (USGBC).

The LEED certification process has led us to continually examine how we run the building and come up with new ways to save energy, reduce waste, choose materials that are better for the air we breathe and more.



Low-VOC Paint
Improves the quality of indoor air at Watermark and is much better for the environment

Water-sourced Heat Pumps
with programmable thermostats allow residents to control their climate and energy use

Operable Windows + Shades give residents control over natural lighting and allow in outside air

Energy Star Appliances
in the kitchen + your W/D means lower electrical use (and lower energy bills for residents)

High-Efficiency Fixtures
mean that Watermark uses over 20% less water than a comparable apartment building with standard fixtures

Renewable Materials
In select Watermark units the flooring is made of hardwood bamboo, a renewable resource. If carpet needs to be replaced, a recycled carpet product is selected and the old carpet is sent to be recycled.

LEED Info.

MERV-14 filters on the fresh air intakes pump triple filtered fresh air into the hallways

Variable frequency drives (VFDs) increase the overall efficiency of the building equipment

Heat Recovery Units on roof increase the efficiency of building systems by re-using waste heat

Low-e Glass reduces solar heat gain and improves energy efficiency

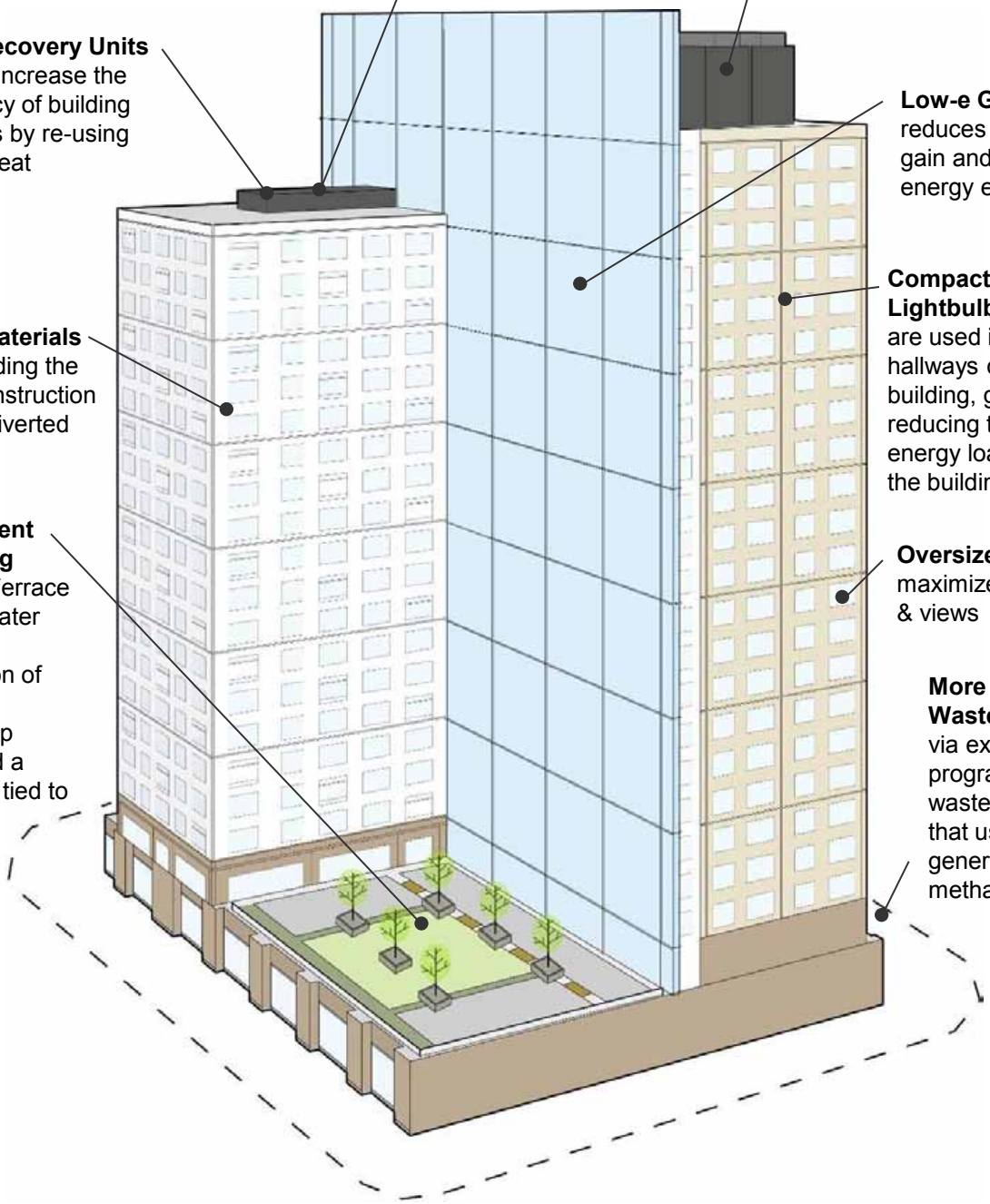
Compact Flourescent Lightbulbs are used in all the hallways of the building, greatly reducing the lighting energy load of the building

Recycled Materials used in cladding the building. Construction waste was diverted from landfills

Water Efficient Landscaping on the Zen Terrace conserves water through a combination of species selection, drip irrigation and a solar sensor tied to system

Oversized Windows maximize daylighting & views

More than 50% of Waste Recycled via extensive recycling program + selection of waste removal vendor that uses trash to generate energy via methane



Urban Infill Location

Watermark is 1.5 blocks from the Kendall/MIT stop subway and on top of an underground parking garage with Zipcars and bike racks, so that residents are less dependent on cars. Over 75% of residents surveyed in 2009 got to work or school without driving.

Wind Power

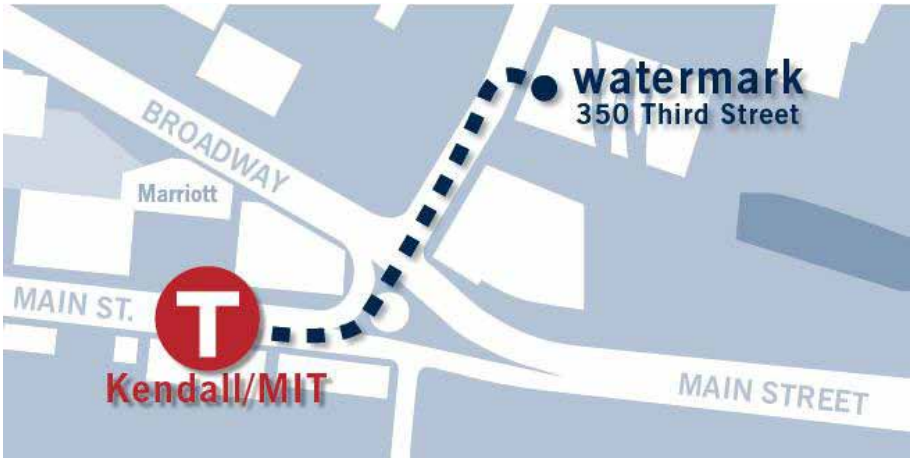
Watermark has committed to supporting alternative energy sources by offsetting at least 25% of the building's total annual energy use with Wind Power and carbon offsets. Learn more about our commitment to alternative energy sources on page XX.

Getting around the Neighborhood

Committed to mass transit oriented development, we are proud of the fact that over 75% percent of residents surveyed in 2009 got to work or school without driving.

Using the Subway

For those new to the area, the Boston and Cambridge subway system is called the “T”. Watermark is located one block from the Kendall / MIT Red Line T stop and is also served by many different bus lines.



Visit the MBTA website to get maps, schedules, service advisories and more at: www.mbta.com

Riding a Bike

The Department of Cambridge Community Development has been hard at work updating signage and street markings to make your neighborhood a great place to ride your bicycle, whether for a commute or for leisure. Watermark has over 50 bicycle racks for your use located in level P1 of the parking garage.

Car Sharing, an alternative to rental or ownership

Many residents have found that the T subway and bus system is so convienent that they no longer need to use a car on a regular basis. When they do need to use a car, Watermark has ZipCars available on level P4 of the parking garage for your convenience. Wheels when you need them! For more information on how to use a ZipCar visit www.zipcar.com and don't forget to ask the concierge about special discounts for Watermark residents.

Green Cleaning Program

The goals of Watermark's Green Cleaning Policy are to:

1. Reduce the impact that Watermark Cambridge has on the environment.
2. Improve the indoor air quality of Watermark Cambridge by selecting cleaning products that do not contribute to indoor pollutants.
3. Improve health and safety for all janitorial and custodial service providers.
4. Reduce the packaging waste and cost of cleaning by purchasing concentrated cleaning products.

All of Watermark's building maintenance and cleaning team have completed Rochester Midland's Green Housekeeping training and are using cleaning products that are Green Seal approved. **What is unique about Watermark is that we are also making the following products available for you to use in your own home, at no cost to you**:

Enviro Care Low Foam All-Purpose Cleaner

Enviro Care Neautral Disinfectant Cleaner

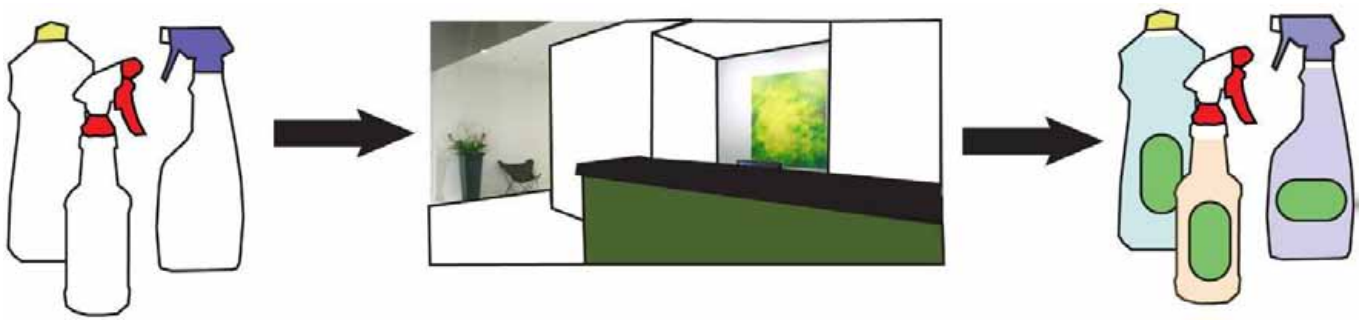
Enviro Care Tough Job Cleaner

Enviro Care Glass Cleaner

FREE!

Because we are looking to save plastic bottle waste, we ask that you provide your own bottle and we will refill it with new cleaning supplies. Simply wash and rinse out existing plastic bottle(s) and bring it down to the concierge along with which cleaning supplies you would like and we will fill your bottle with any of the above products and let you know when it is ready. It's that simple! The above should cover most any cleaning needs you have in your apartment home.

Contact the management office if you have any questions about this program.



your empty bottles | bring to the concierge | receive green cleaning products

Recycling at Watermark

At the Watermark we aim to divert as much of our waste stream from landfills as possible, and that requires your help! We are going beyond the City of Cambridge requirements to facilitate recycling of batteries, bulbs, small electronics and more. This guide should help answer most questions, but don't hesitate to ask us if you have any questions or want to recycle something we haven't covered.

There is a trash & recycling room on each floor of watermark. **The items on this page can be put in the respective labeled plastic totes on your floor.** Large cardboard boxes should be flattened and placed next to the paper tote.

PAPER & CARDBOARD

If it rips, recycle it! Just keep it free from food and plastic wrap.

What to recycle:

- magazines & newspapers (glossy paper OK)
- phone books & junk mail (no CDs or plastic wrap)
- paperboard (cereal boxes, paper towel rolls)
- milk/juice cartons (aseptic containers OK)
- soft cover books
- all office paper (no blueprints)

No need to remove...
...staples, paper clips, spirals, plastic windows on envelopes, or even the plastic spout on milk/juice cartons!

How to prepare paper:

- **place in a paper bag** or loose in bin, no plastic bags
- put shredded paper in a stapled & labeled paper bag

How to prepare cardboard:

Boxes must be recycled. Glossy cardboard is OK, but not waxed. No pizza boxes unless you rip off the greasy parts and fold inside out.

How to prepare containers:

- rinse containers
- remove lids & caps
- place loose in bin
- no plastic or paper bags; no Styrofoam
- do not pour grease or oil down any drain

CONTAINERS: glass, metal & plastic

Place rinsed containers loose in the bin, no plastic bags.

What to recycle:

- **aluminum** (pie plates, trays & foil)
- **empty aerosol cans** (no spray paint or oil cans)
- **glass bottles & jars** (any color)
- **metal cans** (tin, steel & aluminum)
- **stiff plastic containers**, **#1-7** (no plastic bags or styrofoam)
- **plastic plant pots** (#1-7, must be clean)

source: www.cambridgema.gov/recycle

Battery & Bulb Recycling

Compact fluorescent light bulbs (CFLs) are a great step forward in terms of energy efficient lighting. That's why all of the hallways at watermark are lit with CFLs. We encourage you to try them in your apartment as well. But because of the materials these bulbs are made with, it is important to recycle them at the proper facility. That's why we have a bulb recycling program at watermark: you can bring your compact fluorescent bulbs down to the concierge, where we will take them and dispose of them properly. Please do not throw **any** fluorescent bulbs in the trash chute.

We are also recycling all batteries at watermark as well. Please bring your batteries down to the front desk concierge and we will recycle those for you as well. Small electronics, such as cell phones are also accepted.

Junk Mail Reduction

For your convenience, there is a paper recycling bin in the mail room at Watermark. But the best way to reduce the amount of wasted paper is by trying to reduce the amount of unsolicited junk mail you receive in the first place.

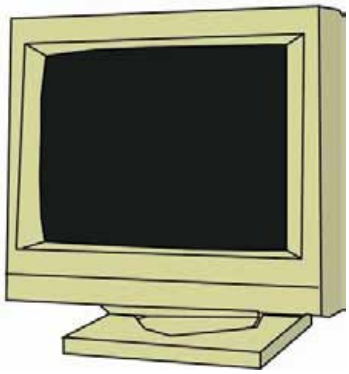
To remove yourself from most catalog mailing lists you can log on to www.dmachoice.com

To find out more about how to reduce the amount of junk mail you receive, the website www.privacyrights.org/fs/fs4-junk.htm contains a lot of useful information.

More about recycling

Watermark periodically runs drives for other items that can be reused or recycled (clothing, books, etc.). Ask the management office when the next building-wide collection drive will occur. If you don't want to wait for our periodic drives, the City of Cambridge has a drop-off center nearby (147 Hampshire Street) that may meet your needs to recycle other hard-to-recycle items if they are not currently recycled at Watermark. They also have a great list of places that accept donations of all kinds. Check their website for updates and further information at www.cambridgema.gov/recycle

Also, we have a goal at Watermark of reducing the number of "durable goods" (largely comprised of furniture) that go into the waste stream. Therefore, if you are planning on getting rid of your furniture or large electronics, please first post it to the Classifieds section of BuildingLink to see if any of your fellow residents could use it. Then contact the management office to let them know that you will have durable goods you want to dispose of, and we will work with you to see how best to dispose of them (ideally through donation or recycling).



Want to know where your recycling goes?

Material	Who Picks It Up?	What Company Processes It?	Where Does It Generally Go?	What Does It Get Made Into?
Aluminum and Steel Cans	F.W. Russell Disposal	FCR-Boston (Charlestown, MA)	USA	New Metal Products
Plastics (#1-7)	F.W. Russell Disposal	FCR-Boston (Charlestown, MA)	USA	New Containers Plastic Lumber
Glass	F.W. Russell Disposal	FCR-Boston (Charlestown, MA)	USA	Drainage Vent Layering
Mixed Paper Office Paper	F.W. Russell Disposal	FCR-Boston (Charlestown, MA)	China	Tissue Corrugated Material
Corrugated Cardboard	F.W. Russell Disposal	FCR-Boston (Charlestown, MA)	China	New Cardboard Boxes
Newspaper Magazines	F.W. Russell Disposal	FCR-Boston (Charlestown, MA)	Canada/China	Paper Products
Leaf and Yard Waste	F.W. Russell Disposal	Landscape Express (Woburn, MA)	Sold in bulk locally	Mulch and Compost Products
Appliances (White Goods)	Department of Public Works	Prospect Iron & Steel (Somerville, MA)	Various overseas markets	New metal products
Computers & Televisions	Department of Public Works	CRT Recycling, Inc. (Brockton, MA)	USA	Intact units sent for resale. Broken units are sorted into like materials (plastic, glass, metals), sent to commodity markets and remanufactured into new products.
Christmas Trees	Department of Public Works	Department of Public Works	Massachusetts	Chipped into mulch; composted; used as landscape material by the Water Department.

source: www.cambridgema.gov/recycle

Wind Power

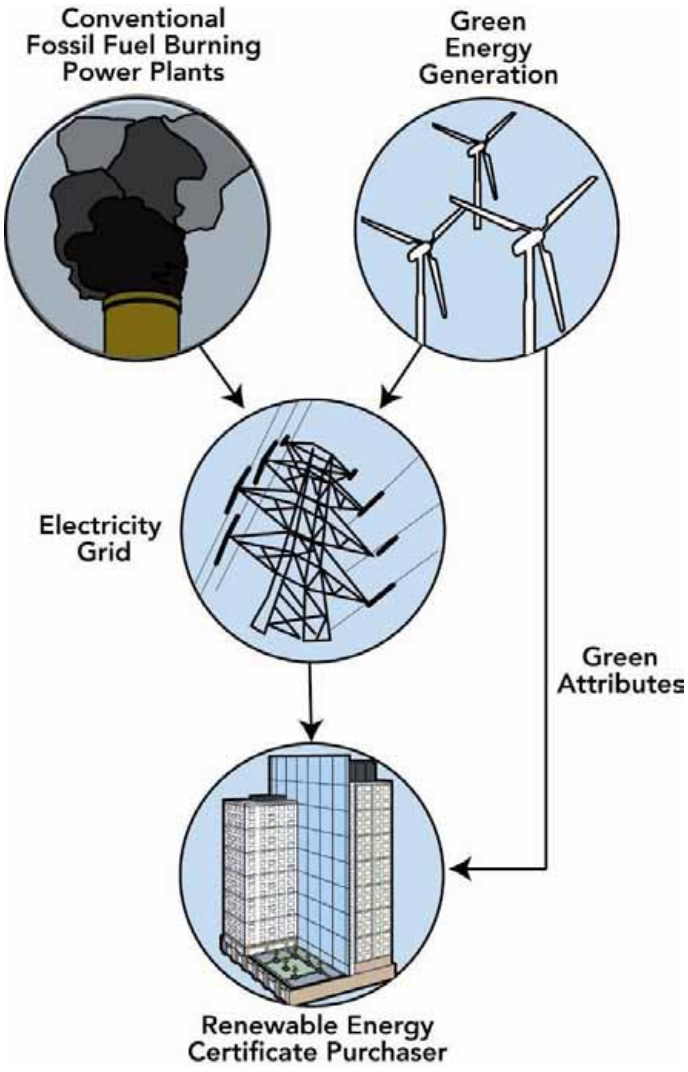
renewable choice ENERGY

Watermark is choosing to take responsibility for its environmental impact by offsetting its electricity use and carbon emissions. Our offset includes purchasing **777,366 kWh of renewable energy credits that offsets 1,076,337 lbs. of CO2 annually**. This represents *more than 25% of Watermark's <u>total</u> energy use* (that's including everyone's individual apartment electric bills!)

At Watermark we value the environment and believe that taking steps to reduce our environmental footprint is good for business and the earth. Our purchase of renewable energy credits (RECs) and carbon offsets has a collective impact that is similar to:

Planting 4,429 mature trees or

Not driving 1,098,303 miles a year in an average car



Committed to Reducing Our Impact

We have purchased renewable energy credits (RECs) to offset at least 25% of the electricity we use as a building annually. Renewable energy credits are produced by wind farms, biomass facilities and other renewable energy projects that allow companies and consumers to offset their electricity use with clean and renewable energy. By purchasing renewable energy credits, we are guaranteed that part of the electricity we consume is replaced on the national power grid with clean power.

We are also offsetting the emissions that are produced by the building systems that use natural gas, like our hot water boilers. By offsetting our carbon emissions and our electricity that is produced by fossil fuels, we are reducing our carbon dioxide (CO2) emissions and working toward being a more sustainable building.

How RECs Work

It's actually impossible to pipe renewable energy from wind farms and other renewable energy projects directly to Watermark. We use electricity from the national power grid and that has the same mix of energy as everybody else, and this mix contains less than 2 percent from renewable sources.

The difference is that by paying a bit more, we ensure that the electricity we use from the grid gets replaced back onto the grid with renewable energy, which makes the energy mix cleaner for everyone.

We have purchased renewable energy credits (RECs) to offset at least 25% of the electricity we use as a building annually. Renewable energy credits are produced by wind farms, biomass facilities and other renewable energy projects that allow companies and consumers to offset their electricity use with clean and renewable energy. By purchasing renewable energy credits, we are guaranteed that part of the electricity we consume is replaced on the national power grid with clean power.

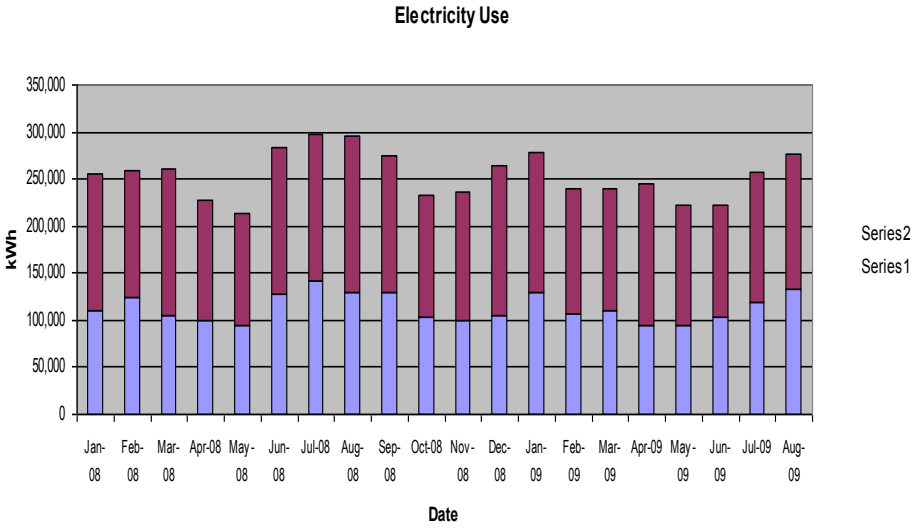
Why RECs and Carbon Offsets are Important

By purchasing RECs and carbon offsets, Watermark is making a commitment to sustainability and to lead by example. Our commitment helps:

- Save our natural resources
- Support farmers and ranchers who make money from leasing their land
- Reduce our CO2 emissions and cleans the air for everyone
- Increase the demand for new projects
- Reduce our dependence on fossil fuels
- Generate awareness for supporting clean technology projects

Energy Star Information

It may surprise you to learn that **almost half of the total electricity used at Watermark comes the plug load in your apartments** (the purple bars in the chart to right). That means the choices you make about how you consume electricity in your apartment can really add up! This section of the guide will talk about what you can do to reduce the amount of electricity you use – and the size of your electric bill!



Look for the Label

Energy Star is a label that identifies energy-efficient products, such as light fixtures and bulbs, which meet strict energy efficiency guidelines set by the U.S. Environment Protection Agency (EPA) and the U.S. Department of Energy.

Save Money & Fight Global Warming

Products that have earned the Energy Star label help you save energy and money without sacrificing performance. By using less energy, these products also help reduce greenhouse gas emissions - caused by the burning of fossil fuels at power plants - that contribute to global warming. The Energy Star program helps businesses and individuals fight global warming through energy efficient products and practices.

More than 50 types of products qualify for the Energy Star - some of the things you might find yourself using at Watermark are:

- **Lighting**
- **Computers**
- **Electronics**
- **Home Office Equipment**
- **Cordless Phones**
- **Heating and Cooking Equipment**

DID YOU KNOW?

Most electronic products use energy even when turned off to power peripherals such as remote controls or clock displays. Plug all of your electronics into a power strip and use as a central shutoff point when you are not using them or not at home.

Most televisions are programmed at the highest brightness settings. By turning down the brightness on your TV, you will be able to achieve a better picture while also saving energy and money.

Additional Energy Saving Tips

- Look for the Energy Star on consumer electronics products
- Unplug Cell phone battery chargers or power adapters when not in use
- Turn off lights when leaving a room
- Turn off printers, copiers, and fax machines when they are not in use
- Use an Smart Strip Power Strip to keep unused devices from using power while not in use
- Program your thermostat (use the thermostat guide at the end of this guidebook)
- Replace your most frequently used light fixtures or the bulbs in them with Energy Star models
- Choose appliances or electronics that have earned the Energy Star

Energy Star Home Electronics

CHANGE THE WORLD
START WITH ENERGY STAR QUALIFIED HOME ELECTRONICS

Photos courtesy of Panasonic and Pioneer

The typical home theater setup includes a television set with cable or satellite connection, a DVD/CD player, a receiver, and two to eight speakers. The ENERGY STAR can be found on many of the DVD and audio products needed to build a home theater system that will deliver the desired entertainment value and save money on energy bills. ENERGY STAR also qualifies home theater "in-a-box" systems.

Cordless Phones

Cordless phones, answering machines, and combination units that have earned the ENERGY STAR perform much more efficiently than standard units by incorporating improved energy performance features such as switch-mode power supplies and "smart" chargers.

External Power Adapters

Americans own, on average, five personal electronic devices. External power adapters, also known as external power supplies, are crucial to the operation of virtually all small electronic devices. Power adapters convert high voltage AC electricity from the wall outlet to the low voltage DC power used to charge electronic products, such as MP3 players, personal digital assistants (PDAs), digital cameras, camcorders, laptops, and cordless and mobile phones. ENERGY STAR power adapters are up to 30 percent more efficient than standard models and are often lighter and smaller, making them more convenient for travel.

Products that have an ENERGY STAR qualified power adapter are identified by this label on the products' packaging.

Tips to Save Energy

ENERGY STAR qualified home electronics products help you save energy and money, while protecting the environment. You get all of the features and content you desire, while using less energy.

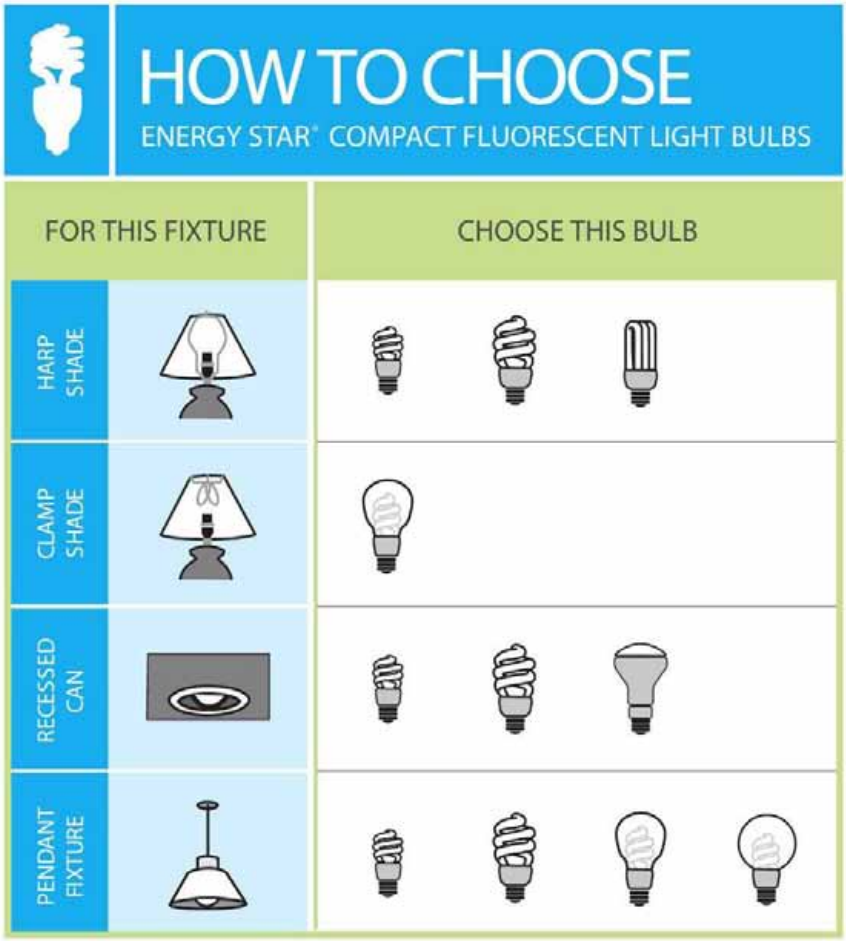
- Plug your electronics into a power strip with an on/off switch, and turn off the power strip when you are not using the products. This is the only way to ensure that the electronics are not using electricity.
- Unplug battery chargers or power adapters when equipment is fully charged or not connected to the charger.
- Always look for the ENERGY STAR label when shopping for new home electronics products.

To locate a store near you that carries ENERGY STAR qualified electronics, use our store locator at www.energystar.gov.

ENERGY STAR

source: www.energystar.gov

Energy Star Lighting (CFLs)



NOTE:
If your fixture is connected to a dimmer or three-way switch, do not place an ENERGY STAR qulified light bulb in the fixture unless it is labeled as appropriate for dimmers or three-way switches.

CHANGE A LIGHT CHANGE THE WORLD ENERGY STAR®

Consider these benefits when purchasing ENERGY STAR qualified bulbs and fixtures.

Long Life—CFLs last up to 10 times longer than traditional incandescent light bulbs and only need to be replaced about once every 7 years—convenient for hard-to-reach fixtures. Note that while nearly all ENERGY STAR qualified fixtures come with pin-based CFLs hard-wired for energy savings, some qualified outdoor fixtures offer their energy efficiency benefits through the use of photocells and motion sensors, and are compatible with incandescent lighting in these cases.

High Quality—ENERGY STAR qualified fixtures and bulbs offer the same amount of light as incandescent or halogen lighting, while providing a true and natural color without the flicker, hum, or buzz of their infamous fluorescent predecessors.

Safety and Reliability—ENERGY STAR qualified lighting follows National Fire Protection Association (NFPA) guidelines for fire safety. CFLs are cooler to the touch. In fact, compared to incandescent lighting, ENERGY STAR qualified lighting produces about 75 percent less heat. All lighting models are tested and meet strict specifications for energy efficiency and quality and come with a 2-year warranty.

Attractive Design and Convenience—ENERGY STAR qualified fixtures and bulbs combine attractive design with features created to make life easier and match the décor of your home. Convenient features include quick-start, no-hum indoor models, indoor models with dimming or switching capabilities, and automatic daylight shut-off and motion sensors on outdoor models.

Same Amount of Light, Fewer Watts—ENERGY STAR qualified CFLs provide the same amount of light, or lumens, as traditional bulbs, but use a smaller amount of energy, or watts. To find the right CFL for your needs, compare lumens on the packaging. For example, if you are looking for a light bulb that gives off the same amount of light as a 60W incandescent bulb, look for an ENERGY STAR qualified CFL that puts out 800 lumens or more (see table below).

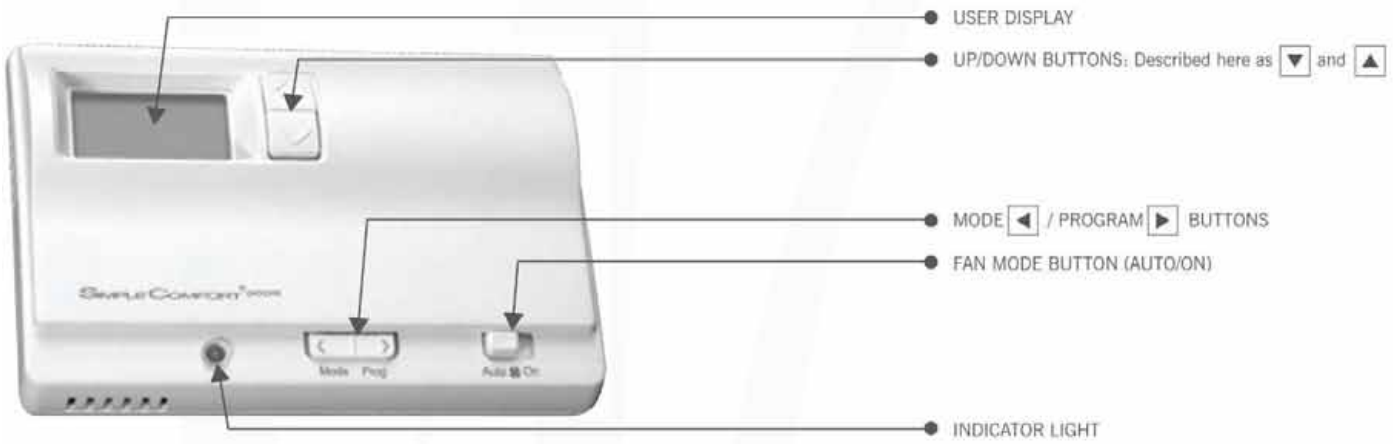
Incandescent Light Bulbs	Minimum Light Output	Common ENERGY STAR Qualified Light Bulbs
WATTS	LUMENS	WATTS
40	450	9-13
60	800	13-15
75	1,100	18-25
100	1,600	23-30
150	2,600	30-52

source: www.energystar.gov

We've taken the manufacturer's guide to your thermostat and made it a lot simpler (and shorter!) If you still don't have the time to program your thermostat, just call the management office or go onto BuildingLink to schedule an appointment to have the maintenance supervisor program it for you!

watermark **cambridge**
Smart design. Intelligent living.

about your easy and efficient
THERMOSTAT



YOUR PROGRAMMABLE THERMOSTAT

One of the best energy conservation (and money saving) steps you can take is utilizing the programming feature on your watermark apartment thermostat. This guide is intended to give you the basic information that will allow you to take advantage of this technology.

Your thermostat has 5 operating modes, which can be selected by pressing the "Mode" button ◀ :

	**Off**	No heating or cooling, but you can run the manual fan.
	**Heat**	Thermostat controls the heating system.
	**Cool**	Thermostat controls the cooling system.
	**Heat & Cool**	Thermostat controls both heating & cooling, switching from one to the other as needed (not recommended, as this can be very energy intensive & costly for you).
	**Program**	The thermostat is automatically controlled by the set program.*

* The Program schedule can be overridden by changing the temperature setpoint (▼ or ▲ button). This puts the thermostat into a 2-hour temporary hold. After 2 hours it will return to the programmed schedule.

SET

There are many basic configuration settings you can customize on your thermostat. Most are not worth the effort of changing, but there are two basic settings you may want to adjust according to your preferences: ***putting the thermostat in Celsius vs. Fahrenheit mode***, and ***adjusting the temperature differential***. To learn about the others, consult the manufacturer's guide, available on BuildingLink.*

* other configuration settings include locking the min & max allowable setpoints, the maximum # of compressor cycles, etc.

HOW TO SET *FAHRENHEIT VS CELSIUS* AND THE SET THE DIFFERENTIAL

1	Put switch in "off" setting	
2	Hold down ▼ and ▲ simultaneously	
3	This gets you into the right setting mode. Press ▼ or ▲ to select Fahrenheit or Celsius mode.	
4	Press ▶ to go to the next configuration setting, temperature differential	
5	The differential is the number of degrees between the temperature you set for your thermostat (the "setpoint") and the temperature at which the heat pump will turn on. For example, let's say it is winter and you set your thermostat to 68°F. If your differential setting is 2°F, the heater will kick in once the room temperature has dropped below 66°. If you want the temperature to stay as close to your setpoint as possible at all times, choose a small temperature differential (1°F). If you want to allow a larger range of acceptable temperatures so the heat pump doesn't turn on as often, then pick a larger differential. The allowable differentials are 1 °–5 °F or 1 °–3 °C.	
6	Hold the ▶ button for 6 seconds to exit configuration mode.	

SETTING THE TIME & DAY OF THE WEEK:

To program your thermostat correctly, you first must make sure that the time & data settings of your thermostat are correct.

1	Press the ◀ button until you are in OFF mode.	
2	Press and hold the ▶ button for 6 seconds • the time is displayed • press ▼ or ▲ to adjust the time	
3	Press the ▶ button while the time is displayed. Now the display shows the day of the week, as a number 1= Monday 2= Tuesday 3= Wednesday 4= Thursday 5= Friday 6= Saturday 7= Sunday Press ▼ or ▲ to set the correct day of the week.	
4	Press & hold the ▶ button for 5 seconds to lock values into memory & return to the OFF mode.	

PROGRAMMING

Your thermostat has four time periods that are customizable for each day of the week:
MORN / DAY / EVE / NITE

For each period you can set:

- **start time**
- **heat temperature**
- **cool temperature**

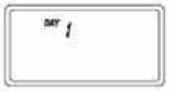
After you set the correct day and time and set up your program, the thermostat monitors the date & time and maintains the specific conditions you have chosen for each period. For example, you may set your thermostat so that it isn't running the air conditioning from 9-6 Monday to Friday, because that's when you are at work. Putting in the initial effort to program your thermostat to your schedule should allow you to save time, money and energy and be more comfortable in your watermark apartment.

THERMOSTAT PROGRAMMING

1	Press ◄ until you are in OFF mode	
2	Press and hold ► button for 6 seconds	
3	Press the ► button twice * Day (1-7) is displayed	
4	Press the ▼ or ▲ button to change the day you want to program 1 = Monday 2 = Tuesday 3 = Wednesday 4 = Thursday 5 = Friday 6 = Saturday 7 = Sunday	
5	Press ► to advance to the next screen • the period is displayed • press ▼ or ▲ to change the period (ex. the "morning" time period)	
6	Press ► to advance to the next screen • the starting time for that period is displayed • press ▼ or ▲ to change the time (ex. the morning time period will start at 8am)	
7	Press ► to advance to the next screen • the heat temperature is displayed (45°F–90 °F) • press ▼ or ▲ to change temp	
8	Press ► to advance to the next screen • the cool temperature is displayed (45°F–90 °F) • press ▼ or ▲ to change temp	
9	Press ► to advance to the next screen. Repeat steps 6-8 to program the other 3 time periods for day 1, and then repeat 3-8 to program each day of the week individually, or use the Simpleset® feature to program every day the same as day 1 (Monday).	

HOW TO USE SIMPLESET®

After the complete Monday (day 1) schedule is set, you will be at the Day 2 screen:

1	Press ▼ once. Day 1 screen displays. 
2	Press and hold ▼ for 3 seconds. • the days of the week will count down from 7 to 1 and this will lock the settings into memory. • Once the schedule is locked in, you can go through each day and make any changes you require. This feature speeds up the programming of the standard weekday/weekend schedule.
3	Press & hold the ▶ button for 5 seconds to exit program made and return to the OFF mode.

LOCKOUT FEATURE

Your thermostat has a button lockout feature so the settings cannot be changed or tampered with. With the lockout button activated, any button press will result in "LOC" being displayed. ***To activate the LOC function:***

1	Press the ◀ button and hold it
2	Also press the ▶ button and hold it for 10 seconds.
3	LOC will display and all buttons will be disabled. To deactivate the LOC feature, repeat steps 1 & 2 above.

TROUBLESHOOTING

Symptom	Remedy
No display	File a maintenance request on BuildingLink
All thermostat buttons are inoperative	Check to make sure it is not in LOC mode (see above). If it isn't locked, file a maintenance request on BuildingLink.
No response with first button press	First button press activates backlight only
Program schedule activates at the wrong time	Check time (AM/PM) set on thermostat (see "Setting the Time" section)
Heat pump turns on and off too frequently	Adjust temperature differential (see Configuration section)
Thermostat does not follow program	Verify it is operating in program mode (PROG shows up on display); check time (AM/PM); check if in 2 hour program override
Fan runs continuously	Check Fan On/Auto switch, fan runs continuously in On position
Room temperature is not correct	File a maintenance request on BuildingLink
LOC displays when any button is pressed	Thermostat has the button lockout function activated. See lockout function above.
"– –" on display instead of room temperature	File a maintenance request on BuildingLink
Problem not listed above	Press Reset button once*

* Reset button function: Time, day and mode changed to last saved settings (saved after power loss or when existing program setup), configuration and program settings are unchanged.

save money. save time. **save the environment.**

finally, there are some things you can do - without doing anything at all.

If you fill out this worksheet it will make it faster to program your thermostat correctly. Or simply fill this sheet out and send it to management to get the maintenance team to stop by and program it for you by appointment.

PROGRAMMING WORKSHEET

FACTORY PREPROGRAMMING

The SC3006 comes preprogrammed with the following schedule:

	MORN	6:00 AM	DAY	8:00 AM	EVE	6:00 PM	NITE	10:00 PM
MONDAY thru SUNDAY	HEAT	70°F	HEAT	62°F	HEAT	70°F	HEAT	62°F
	COOL	78°F	COOL	85°F	COOL	78°F	COOL	82°F

PERSONAL PROGRAM SCHEDULE

Use the following personal program schedule to record your settings:

MONDAY 1	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
TUESDAY 2	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
WEDNESDAY 3	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
THURSDAY 4	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
FRIDAY 5	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
SATURDAY 6	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
SUNDAY 7	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	

All-in-one Washer/Dryer

Your apartment comes equipped with a LG washer/dryer unit. This machine operates differently from a traditional washing machine and dryer, so it may take some getting used to. We've condensed the manufacturer's guide into the guide on the following pages, which you should find on top of the unit in your apartment as well. As always, just contact management if you have any problems!

save money. save time. **save the environment.**

finally, there is something you can do - without doing anything at all.

save money

- you save energy - as much as $400 a year on your electrical bill since this unit uses 66% less electrical power than a conventional washer/dryer.
- you save detergent - it requires only about 1/3rd of the typical amount of detergent
- you save clothes - your clothes will last longer because it is gentler on your clothes.

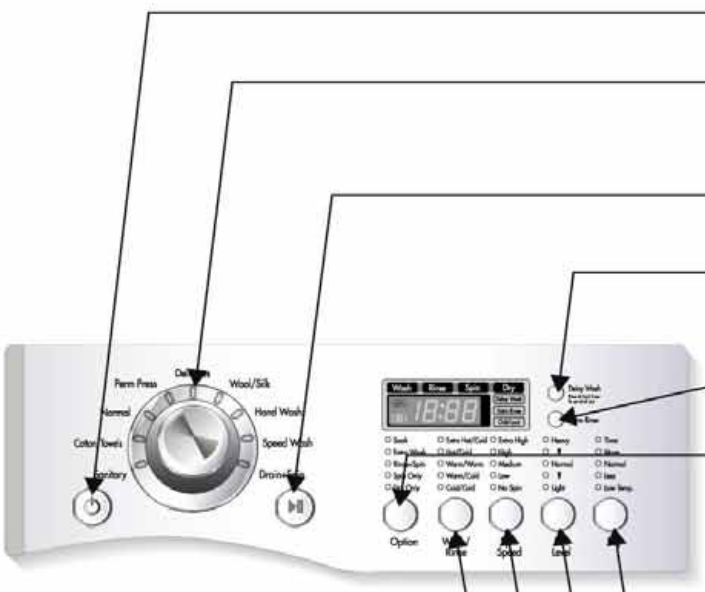
save time

- you save time by eliminating laundry day - this machine washes and dries in just one easy step.
- you just set the timer, go, and return to clean and fresh clothes!

save the environment

- you are saving 6,300-10,500 gallons of water per year over a conventional washer/dryer. That means the whole watermark building saves 3,675,000 gallons of water in one year.
- you are recycling energy - this machine recycles 90% of the heat energy it creates.
- you are using 1/3 of the electrical power of a traditional machine

Using the Control Panel



- ON/OFF: power button
- CYCLE SELECTOR KNOB: see table on facing page for list of cycles and their default settings. Default settings can be adjusted by pressing buttons on the lower right for additional options.
- START/PAUSE: use this button to start and stop the washer.
- DELAY WASH: Allows you to delay the start time for up to 19 hours. Chose your wash cycle then press delay button once for every hour you want to delay the start.
- EXTRA RINSE: This option ensures the removal of detergent or bleach residue from garments.
- OPTION: Soak – soaks clothes first, then moves to wash cycle, Extra Wash – use if laundry is extra soiled, Rinse + Spin – Standard rinse, then spin, Spin Only – if you want only the spin cycle, Dry Only – if you don't want to wash, only dry
- DRY: Press to cycle through options. See the helpful hints for more tips on drying your clothes.
- SOIL LEVEL: Press to change soil level to match the condition of your dirty clothes.
- SPIN SPEED: Press to change speed.
- WASH/RINSE TEMP: Press to change the temperature. Warm rinses leave load dryer than cold, but increase wrinkling. Cold rinses save energy and money.

FAQs

- *Q: Is using a combo washer-dryer much different than what I'm used to?*
  A: Yes, in some ways. In a combo washer-dryer, you're washing and drying in the same drum and load sizes are smaller. Wash cycles are similar, but because combo washer-dryers are compact and operate using lower voltage dry times are longer. Instead of washing several, bulky loads of laundry one day every week or two, you'll need to adjust your laundry habits to launder smaller, more convenient loads every day or two.

- *Q: What kind of detergent should I use?*
  A: These machines use 1/3 the wash water and are three times as efficient as conventional top-loading machines, so you only need a third of the amount of soap! You should also be purchasing only the laundry detergent that is marked as especially for high-efficiency machines:

  Nearly all of the major brands of laundry detergent (Tide, Wisk, Cheer, All, etc.) have HE versions of their detergent that can be found at your usual retailer, all you have to do is look for the logo shown above. Also, you can ask the watermark concierge, who will happy to supply you with a complimentary bottle of the right detergent.

- *Q: I am having trouble opening the door to my machine!*
  A: Your machine is equipped with a Child Safety lock. Check the indicator to determine if the lock is active. Press and hold the Delay Wash button for 3 seconds to lock/unlock the control. When Child Lock is set, Child lock lights and all buttons are disabled except the Power button. You can lock the washer while it is operating.

  DOOR LOCKED Lights whenever the door of the washer is locked. The door can be unlocked by pressing the Start/Pause button to stop the washer. It will unlock after 1-2 minutes.

  NOTE: If the water temperature or level is too high the door cannot be unlocked. Do not try to force it. Turning the Power button off and then on again and waiting a few minutes should always work in releasing the door.

Cycle Selector Settings

Cycle	Fabric type	Wash/Rinse Temp.	Spin speed	Soil Level	Dry	Soak	Extra Wash	Extra Rinse	Rinse+ Spin	Auto-Load Detection 1)
Sanitary	Heavily soiled underwear, work clothes, diapers, etc.	Extra Hot/Cold	High	Normal	O	O	O	O	O	O
			Extra High No spin Low Medium	Heavy Light						
Cotton/ Towels	Cotton, linen, towels, shirts, sheets	Warm/Cold	High	Normal	O	O	O	O	O	O
		Warm/Warm Hot/Cold Cold/Cold	Extra High No spin Low Medium	Heavy Light						
Normal	Mixed loads, work clothes, jeans, shirts	Warm/Cold	High	Normal	O	O	O	O	O	O
		Warm/Warm Hot/Cold Cold/Cold	Extra High No spin Low Medium	Heavy Light						
Perm Press	Dress shirts/ pants, wrinkle free clothing, poly/ cotton blend clothing, table cloths	Warm/Cold	Medium	Normal	O	O	O	O	O	
		Warm/Warm Hot/Cold Cold/Cold	High No spin Low	Heavy Light						
Delicates	Dress shirts/ blouses, nylons, sheer or lacy garment	Cold/Cold	Medium	Normal				O	O	
		Warm/Cold Warm/Warm	No spin Low	Heavy Light						
Wool/Silk	Woolens, Silk identified as machine washable	Cold/Cold	Low	Normal				O	O	
		Warm/Cold Warm/Warm Tap Cold/Cold	Medium No spin	Light						
Hand Wash	Items labeled "hand washable"	Cold/Cold	Low	Normal				O	O	
		Warm/Cold Warm/Warm	Medium No spin	Light						
Speed Wash	Lightly soiled clothing	Hot/Cold	Extra High	Light	O			O	O	
		Cold/Cold Warm/Cold Warm/Warm	No spin Low Medium High	Normal Heavy						

Select cycles designed for different types of fabric and soil levels.

Drying Hints

Q: I am having trouble getting my clothes to dry properly, what can I do?

A: Remember, in separate washer/dryers, dryer drums are 100% larger than washer drums. In your machine, you wash and dry in the SAME drum. Therefore, if you wash full loads, you'll need to remove some items (up to 50%) before starting a dry program. When you program your machine to wash then dry automatically, load the drum accordingly. Here are some tips to help with drying:

- for even drying, make sure all articles in the load are similar in material & thickness
- when drying cycle is completed, Cd (Cool Down) is displayed. This feature periodically tumbles, rearranges and fluffs the load to avoid wrinkles for up to 4 hours. The Cd message will continue to display until the clothes are removed or the Start/Pause button is pressed
- To avoid wrinkles use shorter, timed settings. Remove shirts after 20 – 25 minutes, while they are still slightly damp, hang them up or iron lightly for best results. Blue jeans will wrinkle if left in until completely dry. Remove after 60 minutes and hang to allow them to dry fully.
- Use liquid fabric softener – it speeds drying and helps prevent wrinkles.
- Because this machine is a ventless model, when you remove items after drying, they may feel slightly damp to the touch even though they are dry. Simply shake them out to allow any humidity to dissipate (a few seconds) before folding or hanging them as you usually would.
- Remember, overdrying wastes energy, harms fabrics, causes wrinkling and shrinkage and shortens fabric life!

- ***Q: Where is the lint filter?***
  A: Ninety-nine percent of the lint generated in a front-loading washer like the LG is simply flushed down the drain. The agitator on other machines abrades clothes, which causes lint and shortens garment life. The filter at the bottom of the machine is there to protect the pump in the event coins or other debris gets into the tub. It will be cleaned annually by maintenance. Failure to properly close the screen can cause severe leaks.
  The door seal is designed to prevent leaks and allow tub movement. Lint and other debris can accumulate in the flap. Once a month it should be cleaned with a damp rag and spray cleaner to prevent mildew.

Suggested Wash Temp.	Garment
Extra Hot	Kitchen towels, sheets, and baby garments
Hot	Whites and Heavy soiled color-fast items
Warm	Most loads
Cold	Brightly colored items, washable woolens

Sample Wash/Dry Loads

- **Sample Load 1:**
  2-3 Bath Towels, 1 Hand Towel, 1-2 Wash Cloth(s)
  Wash & Dry Cycles: Cotton/Towels Regular/Dry Time: 90-110* min.
- **Sample Load 2:**
  1 Queen Flat Sheet, 1 Fitted Sheet, 2 Standard Pillow Cases
  Wash & Dry Cycles: Permanent Press Regular/Dry Time: 70-90* min.
- **Sample Load 3:**
  1 Hand Towel, 1 Pair of Jeans, 1 Sweatshirt
  Wash & Dry Cycles: Cotton/Towels Regular / Dry Time: 90-110* min.

***NOTE: Data purely indicative. Actual dry times will vary depending on the type, weight, and size of items being dried. (ie, a size "Small " sweatshirt would dry faster than a size "XXL" etc.). To avoid overdrying, always start out setting a shorter dry time, then add more time if needed.**

***For further information consult the LG Washing Machine Owner's Manual or contact building maintenance.**

Questions, comments, suggestions?

Please send them to info@watermarkcambridge.com with subject line "Green Living"

This guide can also be found online at Watermark's BuildingLink site at www.buildinglink.com. See the concierge if you do not have a log-in.