

5. Architectural Features

New buildings shall be constructed with finish materials that give modern expression to the materials commonly used throughout Buffalo's rich architectural history. Typical waterfront buildings were often constructed with brick and included wood and steel elements that articulated facades and profiles for overhangs, cornices and hoisting mechanisms.

Design references to Buffalo's industrial waterfront heritage are encouraged. The waterfront environment was one of industry and purpose and it was rich in technical innovation. The structures built here were the most innovative and advanced of their kind (particularly grain elevators), and they were admired as such around the world. The design of new buildings and structures should be timeless and enduring, seeking inspiration from the rich industrial and architectural precedents of Buffalo and its waterfront and should seek to uphold its strong history of technical innovation.

Architectural features (shapes, colors, clocks, towers, corners, etc.) should be used to create variety and offer visual relief and visual interest. Key locations for Architectural Emphasis can be found in Exhibit 8. The intent of these features is to emphasize major view corridors and significant places throughout the Project; and also to attract views from the elevated highways.

5.1 Edges

Special care and design attention along with more decorative treatment and materials are desired for all edges of buildings. These are the most visible part of the urban scene. Edges include roof lines, canopies, cornices, and more prominent window openings and entrances.

5.2 Bases

Buildings should be articulated to respond to individual users. The diversity of storefront articulation on one parcel will break down the scale of the overall parcel and street wall. The first level of buildings should be articulated by material change to express a building base and use other elements such as color, design detail, smaller scale, and higher quality materials to provide visual interest. The base should be 2-stories, to emphasize the ground floor activity and provide the highest quality of pedestrian environment.



Articulation of bases and edges provides visual interest and a high quality pedestrian environment

5.3 Storefront and Retail Facades

The design of storefronts, entranceways and awnings should promote a sense of openness; making sites visually accessible creating an active and vibrant atmosphere with displays that encourage active street life and window shopping.

- Storefronts should be integrated into the design and materials of the entire building. The storefront's bulkhead/kneewall should be constructed of a durable and evocative material
- The design of the doors should contribute to the character of Canal Side and be compatible with the storefront design and material.
- Interior display lighting should be installed to include adjustable incandescent light fixtures. No fluorescent lighting shall be utilized for signage purposes.
- Any storefront with a ground level restaurant use may have a hardscape front yard that extends to the sidewalk area as exterior cafe space or terrace area. The use of temporary railings may be permitted to separate cafe dining from sidewalk areas, provided railings utilized complement building materials and reference the heritage of the area. Railing parts and fittings shall be removable and designed so as not to damage any street maintenance equipment.



Storefronts and cafes create an active and vibrant pedestrian atmosphere.

5.4 Corners

Corners are particularly visible and are suggested to be made more noticeable. Changes in orientation, shapes, additional materials, colors, and projections are all favored means of adding special visual appeal to interesting streets, canals, and public spaces. Exhibit 8 illustrates those locations that are particularly visible due to the arrangement of public spaces. These are the building parts that terminate longer and more dramatic views.



Building corners provide an opportunity for establishing architectural emphasis.

5.5 Cornices

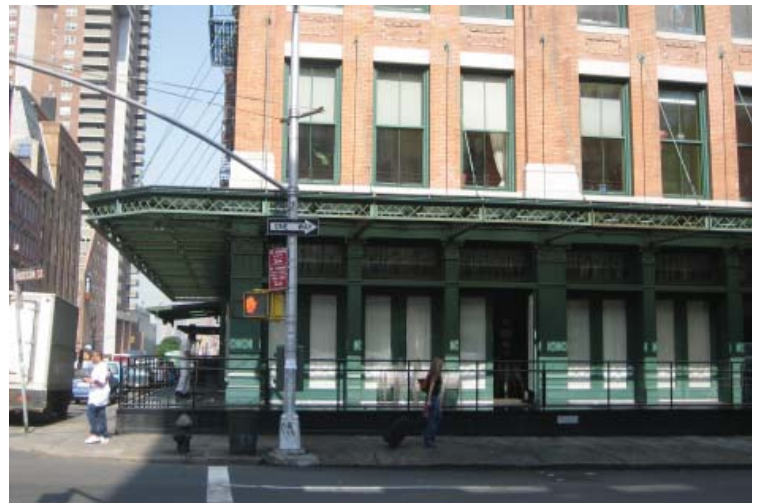
A crowning projection, or cornice, shall be encouraged at the top of a building along the street wall (top of the building for those under 60', and at the stepback for those over). These elements can be very modest in detail. Cornices on Main Street parcels should be more pronounced, following the precedents of the 19th century downtown office buildings.

DRAFT

5.6 Canopies

Another feature for architectural emphasis are canopies and awnings. Canopies and awnings are permitted and encouraged as they provide weather protection and provide visual interest and delight to the streetscape environment. These elements are to be decorative and light weight. Variety and non-repetitive design are desired. Canopies can be constructed of a variety of materials including both fabric and metal. Fabric awnings can be retractable.

Lettering and logos are permitted on the valence flap of the awning but lettering is generally discouraged on the main body of the awning. It is desirable for these projecting elements to incorporate outdoor heating systems to lengthen the comfortable use of outdoor spaces.



Canopies provide visual interest, weather protection, and a human scale to the pedestrian environment

5.7 Skyline

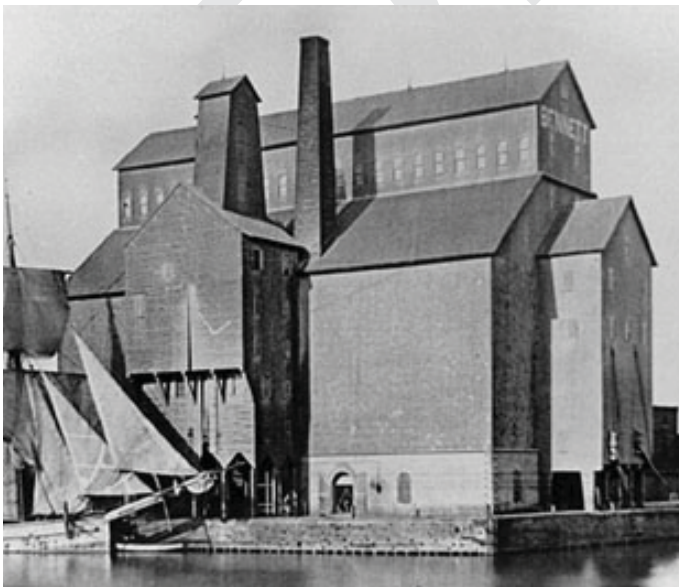
Looking to historical precedent for the area, a goal for the project is to create a varied and highly decorative skyline as seen from afar (adjacent highways, streets, and riverfront open spaces). The varied rooflines are achieved by changing heights, also by varying roof types, roof angles, and the addition of vertical elements to contrast with the roofs.

Rooftop Terraces

Rooftop terrace structures shall not be enclosed and are not considered an additional building level. Rooftop terraces are encouraged along the Prime Street buildings to take advantage of waterfront views.

Mechanical and HVAC

All exposed mechanical equipment and bulkheads shall be mounted on roofs. Equipment should be integrated into the roof design and screened in a method that is integral to the architectural design of the building and adds visual interest to the skyline. All venting of HVAC equipment shall occur on the interior of development parcels. All venting runs for cooking fans shall be fully enclosed and incorporated into the interior of proposed buildings and vented to the roof where possible.

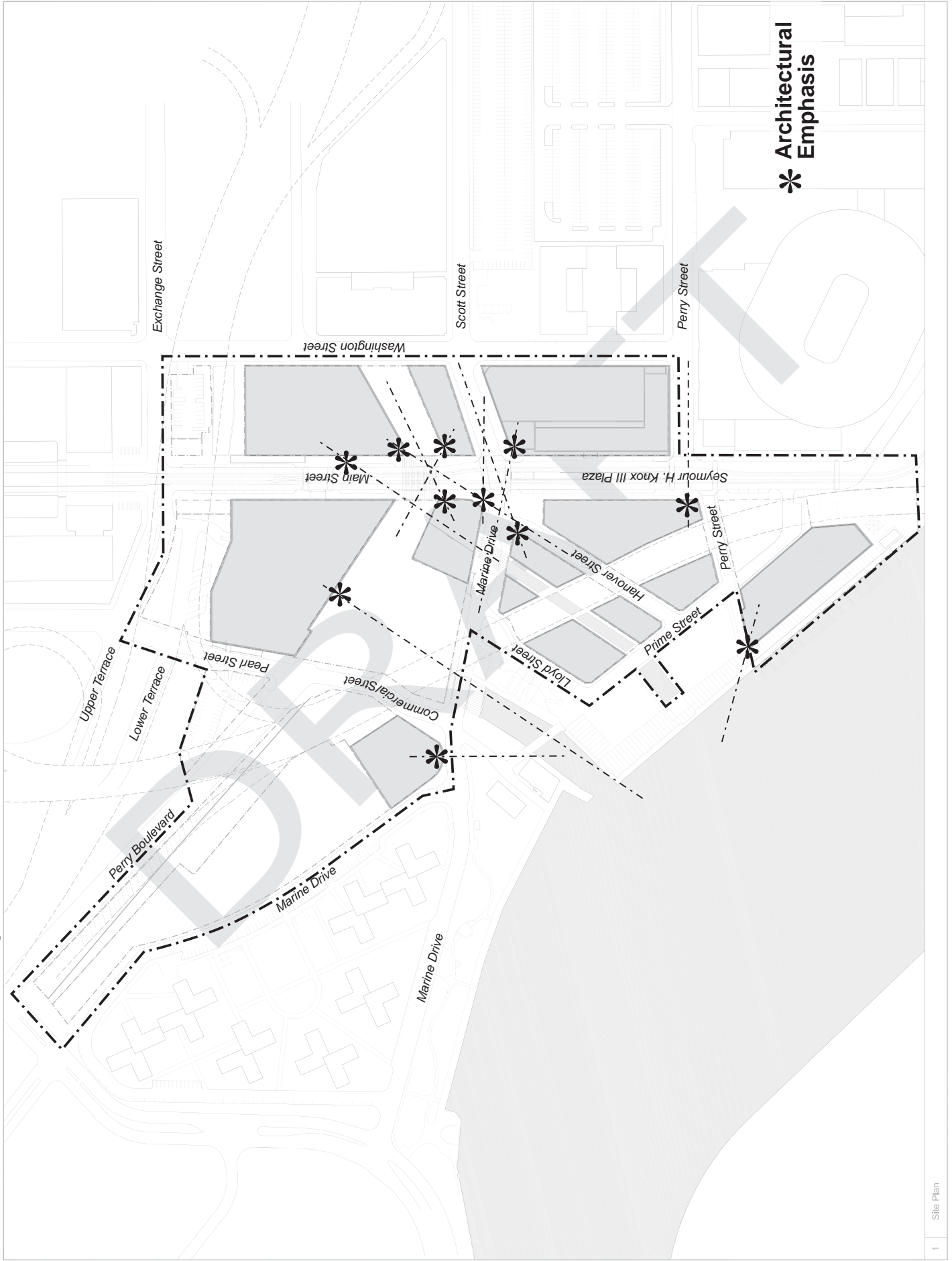


Varied roof forms of the traditional Buffalo Waterfront



Setbacks above the street wall can provide space for rooftop terraces that take advantage of views to the waterfront

Exhibit 8: Architectural Emphasis



*** Architectural Emphasis**

6. Materials

New buildings shall be constructed with finish materials that give modern expression to the materials commonly used throughout Buffalo's rich architectural history. Typical waterfront buildings were often constructed with brick and included wood and steel elements that articulated facades and profiles for overhangs, cornices and hoisting mechanisms.

6.1 Building Materials and Color

- *Traditional building materials should be combined with new building technologies.*

Use of innovative building technologies is encouraged throughout the Canal Side Area and should be contrasted with traditional building materials that reference the Erie Canal Harbor's history.

Recent innovations in building materials can showcase advancements in environmentally conscious design and provide a sense of excitement for Canal Side visitors. Examples include cladding systems utilizing terra cotta and glazing systems that combine traditional sun shading elements with innovative structural applications.

- *Use building materials compatible with the heritage of the Canal Side waterfront.*

New buildings shall be constructed with materials common throughout the Buffalo waterfront's rich architectural history. Use of materials such as brick, stone, steel and wood is required for the first 60 vertical feet of a building's base, especially on pedestrian-oriented street wall facades. The use of these high-quality materials is intended to convey a solid, lasting look. Buildings should employ industrial materials as a way of visually and conceptually evoking the industrial heritage of the Buffalo waterfront. These include timber, forged and cast metals as well as rough hewn stone and metal cables.

The use of asbestos shingles, imitation stone, imitation brick, stucco, exterior insulation finish systems or vinyl aluminum siding is discouraged on any building façade visible from pedestrian streetscape areas, including pedestrian/service easements and visible upper stories.

- *Create a rich and diverse palate of colors and materials in building facades.*

Facade coloration shall be achieved by use of the inherent color of building materials rather than the application of color to the surface of materials. Paint should be reserved for trims and accents on metal, wood, cornices, frames and the like. Use of material's inherent color sets a standard of authenticity associated with industrial structures. Examples of this type of façade coloration are present in the Cobblestone District, where a variety of earth tones are achieved through the use of unglazed brick, wood, concrete and steel.

- *Use regionally produced masonry and regionally quarried stone.*

Masonry facades shall include the use of stone as architectural accents for lintels, sills, copings and keystones. Foundation bases, sills and lintels shall to the greatest extent possible use local sandstone or limestone. Masonry finishes are encouraged to be natural rather than highly finished or polished;



Mixing of traditional building materials such as brick, stone, and steel in a contemporary composition.

6.2 Glass and Fenestration

- *Ground level fenestration should be designed for retail activities*

The base of buildings should feature the use of glass for the first two stories to exaggerate the importance of the ground level active use (only one level of active use is required). Glazing and openings shall promote a flexibility of ground floor uses and the potential for change over time. Proportion of glazing to overall wall area shall be a minimum of 75% on ground level street wall frontages facing public rights-of-way. Window openings shall express sills and headers of metal or stone. Transoms are encouraged for larger window units. In all building facades windows must be set back from the wall surface a minimum of six inches from the surface of masonry to the glazing. Tinted or reflective glass shall not be utilized.

- *Fenestration should encourage building accessibility.*

Window proportions, groupings and rhythms shall be integral elements of the design of each building facade and urban street-wall. Punched windows are desired above the 2nd floor. Glazing systems shall be designed to promote area-wide visibility, accessibility and safety during evening hours and during the winter season. Well designed fenestration patterns that evoke historic fenestration are preferred over attempts to replicate historic patterns

- *Window materials and character*

Windows should be constructed using wood or aluminum clad wood with historically accurate profiles on the upper levels and wood or metal on ground floor storefronts common throughout the Buffalo waterfront's rich architectural history. Use of wood or metal is required especially along pedestrian oriented street facades. The use of vinyl windows is not permitted.



Fenestration pattern is on a small scale - 10-15 feet.

7. Signage

The vision for Canal Side imagines is a wide variety of signage types and locations including rooftops, canopies and vertical marquees. Signage should be integral with building design, not tacked on. They should be pedestrian-oriented in size, placement, material and color as well as auto oriented to be seen from afar. In designated areas, iconic signage is permitted to attract long distance views from the elevated highways. Highway oriented signage should be located within 100 feet of the Thruway and 50 feet of the Skyway. Signs should demonstrate invention and visual delight, but must be cut-out letters.

Lighting should come from direct shielded light sources and be carefully integrated into the overall design of the building so as to provide visibility and safety but avoid creating glare or light distribution that adversely affects motorists or pedestrians.

Neon signs may be allowed so long as they are carefully designed in size, shape and color that complement the architecture of the building and the district.



Canopy



Vertical Marquee



Rooftop

8. Lighting

The vision for Canal Side seeks a maximum amount of light, to create a variety of environments and experiences. Lighting should be used for artistic purposes and carefully integrated with the architecture and buildings, such as to accent edges.

The commercial buildings are intended to be inviting to the public, to encourage visitors to enter the site from the city streets, to shop at the retail stores and eat at the restaurants, and to generally stay longer and take full advantage of the Canal Side Area. Balanced against an appropriate level of street illumination is the need to limit light that is cast up and into upper floors of buildings. Lighting fixtures should be scaled to the pedestrian and have a distinctive industrial character. In particular, the diagonal pedestrian right-of-ways should be lighted to enhance and encourage pedestrian movement. Techniques such as light on catenary sways suspended between buildings, terrace lights, festoons, post lanterns and wall mounted fixtures are encouraged, with the waterfront viewed as the final destination, but with compelling stopping points along the way. Architectural accent lighting should highlight corners and roof edges.

The Developer is responsible for providing adequate quantity and distribution of lighting across the full width of all sidewalks and pedestrian alleys. Floodlighting from the top of buildings may only be used sparingly, and should have effective glare control.

Storefront lighting is one of the best sources of sidewalk lighting in urban areas. It is warm and welcoming, and contributes to a sense of activity and watchfulness. It also generally provides a greater amount of light directly onto the sidewalk than do street-level luminaries. Retail storefronts are an effective way to provide lighting from the buildings. The first four feet inside any retail or restaurant establishment shall have decorative lighting, preferably with visible point sources. Occupancies on the first floor that do not have active, bright window displays shall be designed to provide visual articulation from lighting at no greater than 25 feet intervals. This can be accomplished in a variety of ways, such as:

- Decorative luminaries mounted to walls, posts, brackets, catenary wires, etc.
- Lighting surfaces, textures and objects such as pilasters, wall features, banners, sculptures, graphics, etc.
- Internally lighted glowing architectural or graphic elements such as glass block, display cases, signage panels, canopies, transparencies, etc.
- Lighting entryways (especially if they are recessed).
- Lighting property addresses.

Developers are also responsible for security lighting for all pedestrian and service alleys from 10 PM until dawn. This shall be from metal halide sources, with a time cut off to prevent glare into adjacent upper level windows. These fixtures shall create minimal glare and shadows, and be reasonably attractive. Luminaries used for decorative purposes may be used for this function, or separate lighting fixtures may be employed.



Lighting should be used to accentuate architectural features and provide excitement and visual interest.

9. Erie Canal Harbor Parcels

For the Erie Canal Harbor Parcels, the guidelines approved as part of the 2005 Erie Canal Harbor Amendment to the Urban Renewal Plan for the Waterfront Redevelopment Project (included as an appendix to this document) still apply.

With the exception of:

- The area formerly identified as the South Basin will become a hotel development site with required frontages, areas of active ground floor use, and service/parking access as shown in the accompanying exhibits
- The frontages along the skyway right-of-way are intended to be active building frontages and not service entrances

DRAFT

10. Sustainability Guidelines

The benefits of applying sustainable design principles in the early stages of planning can significantly improve a building's efficiency and the quality of the environment it provides for its occupants. The application of sustainable principles in site engineering and landscape design can reduce costs associated with infrastructure construction, reduce costs for landscape maintenance, reduce building operation costs, reduce impacts on natural systems, and provide enhanced outdoor spaces for recreation and leisure uses. Sustainable design practices must be applied at the earliest phases of design, at all levels of development and continuously from planning through occupancy. The implementation of sustainable principles must be undertaken in a coordinated manner between the design team and Canal Side developers.

The primary purpose of the following sustainability principles and suggested strategies is to establish key performance areas for a sustainable approach to development at Canal Side. These guidelines outline five general sustainability categories:

- Energy
- Indoor Environmental Quality
- Water Management
- Outdoor Environment and Site Construction
- Material Resources and Waste Reduction/Recycling

Within each category, suggested strategies to meet the standards have also been outlined to provide ideas on how environmental initiatives could be integrated into the design of Canal Side.

Energy

Energy consumption can be reduced through the implementation of efficient heating and cooling systems, building orientation, façade materials, roofing materials, shading from trees, use of natural daylight and natural ventilation. The use of renewable energy technologies can reduce operating costs and environmental impacts. To ensure that Canal Side achieves frugal and responsible energy use, the development should focus on three primary energy areas: energy efficiency, passive conditioning, and energy management.

To maximize energy efficiency, Project buildings could be designed to take advantage of the local climate and reduce external loads by optimizing the building orientation and passive heating and cooling of the building, where possible. The overall average temperature throughout the year falls under the comfort zone. Thus, there is a higher heating demand than cooling demand with the exception of the aquarium. In winter, outdoor areas could be zoned with temporary outdoor structures to enhance the usage of these areas. These zones can then be conditioned to comfort with a lower temperature range than indoor areas, thus reducing the overall heating energy usage.

The development could also utilize high efficiency building systems to reduce heating and cooling needs. Heat recovery and air side economizers, which use cool outside air to cool an indoor space, should be included where applicable to ensure overall energy efficiency and visitors' comfort. Employing building control systems for both the lighting and building systems could further reduce the loads for conditioning. Also, outdoor and parking structure lighting systems are important elements that can provide further energy savings by being designed to meet Project lighting and safety goals, while simultaneously minimizing the overall lighting power density for all buildings.

Suggested Strategies:

- Design buildings to take advantage of prevailing winds and solar orientation to reduce cooling and heating needs.
- Utilize integrated building envelope and HVAC systems that achieve thermal comfort based on radiant temperature, local air velocity, relative humidity, and air temperature. See American

Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) 90.1-2007.

- Utilize tree plantings to shade buildings and reduce cooling loads.
- Design for daylight access and view.
- Exterior building materials shall be selected to prevent glare.
- Zone outdoor condition spaces (temporary during winter).
- Ensure efficient end use of energy and reduce peak demand and load shaving.
- Right-size mechanical equipment.
- Specify high performance building system/heat recovery/air side economizers.
- Install building controls and metering to encourage conservation and comfort.
- Install efficient appliances (i.e. Energy Star Rating) and equipment.
- Optimize site lighting design by installing energy efficient interior light fixtures and exterior lighting which minimizes glare and is controlled by automatic timers.
- Purchase electricity power from renewable sources.

Indoor Environmental Quality

Indoor environmental quality is an important component of sustainability because it contributes to the wellness and comfort of building occupants. Studies have shown that improved air quality through use of strategies such as low-emitting materials, personal control systems such as operable windows and programmable thermostats, and exposure to natural light can benefit the health and productivity of building occupants. Indoor environmental quality concerns are addressed in the building design and in the selection of materials. For example, ventilation should be designed to best practice standards to ensure adequate circulation of fresh air. Also, incorporating carbon dioxide monitoring in densely occupied spaces would ensure improved air quality while minimizing energy use.

At Canal Side, building characteristics and indoor environments could be designed to reduce occupant exposure to potentially harmful chemical and biological agents such as carbon dioxide, volatile organic compounds (VOCs), molds, allergens and infectious agents. These improvements may result in health benefits as well as monetary savings due to increased productivity. Office, residential and retail spaces at Canal Side could be designed to maximize exposure to natural daylight. Use of natural light requires less electric light energy, contributes less to internal heat loads requiring cooling and produces the most desirable quality of light, creating an inviting atmosphere.

Suggested Strategies:

- Adopt natural daylighting strategies.
- Design for view access from regularly occupied spaces.
- Provide occupants with local control of temperature and air movement as well as lighting.
- Provide operable windows where possible on the building perimeter away from possible sources of contamination such as loading and service areas and building exhaust fans.
- Use natural ventilation strategies where possible. See ASHRAE 62.1-2007.
- Develop and implement an Indoor Air Quality (IAQ) plan. See Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) IAQ Guidelines for Occupied Buildings Under Construction.
- Provide air quality testing or building flush-out prior to occupancy.
- Provide indoor pollutant and source control and MERV 13 (a measure of filter efficiency) filtration.
- Institute a development-wide green-cleaning program using 100% non-toxic cleaning products.
- Use adhesives and sealants consistent with Green Seal standard GS-36.
- Use paints and coatings with VOC levels specified in Green Seal Standard GS-11.
- Use carpets and pads consistent with American National Standards Institute (ANSI) NSF 140-2007 and the Carpets and Rug Institute (CRI)'s Green Label Plus Program.
- Use composite wood and agrifiber products with no added urea-formaldehyde or adhesives.

Water Management

A sustainable water infrastructure conserves potable water, reuses non-potable water whenever possible, directs and captures stormwater and allows solid settling before discharge to a water body or sewer system. By managing water on-site, the Project can relieve stress on the City's aging water infrastructure.

Water is a significant design feature of the Project, linking activities on-site to those on the Buffalo River. It is important to employ best practice management for the conservation, reuse and quality of water on-site. All buildings at Canal Side should aim to decrease the demand for potable water through efficient plumbing equipment and policies that encourage conservation. For example, reducing impervious surfaces would help stormwater infiltration within the Project Area. Also, metering could be used to help motivate tenants to reduce their potable water demand.

The variety of water-related components within Canal Side, such as the aquarium, boating activities, and canals require special attention to stormwater collection and runoff. It is suggested that Canal Side incorporate stormwater harvesting on-site to collect the water before it mixes with the water used for recreation. The collected rainwater could be treated and stored under the canal or in stormwater tanks throughout the development to be reused for non-potable uses such as irrigation or toilet flushing.

Suggested Strategies:

- Reduce potable water consumption through plumbing fixtures that conserve water for laundry, dishwashing, and restrooms and activated controls on lavatories and sinks. See Energy Policy Act of 1992.
- Reuse grey water, storm water, and condensate water for appropriate non-potable uses such as refilled canal water, toilet flushing, and irrigation.
- Enhance storm water management through the reduction and slowing of runoff water.
- Mitigate storm water runoff from the development.
- Employ drip irrigation where appropriate and utilize highly efficiency irrigation systems.
- Minimize the use of chlorine-based chemicals in all water treatment.
- Meter tenant water use.

Outdoor Environment and Site Construction

Integrating aesthetics with functional responsive design of outdoor areas at Canal Side would offer both environmental and economic benefits, while addressing potential adverse environmental impacts such as stormwater runoff, urban heat island effect, localized air pollution, light trespass, and noise. Also, the development of the landscape by providing ample access to outdoor amenities would enable Canal Side to act as a hub for outdoor and waterfront recreation in Buffalo.

While the summer can be mild and pleasant in Buffalo, the winter can be cold and windy, particularly at the waterfront due to the winds coming from the southwest off of Lake Erie. A variety of strategies can be implemented to create an environmentally responsive environment throughout the seasonal changes in Buffalo weather. In creating a usable outdoor space on the waterfront, it is important to develop strategies that provide comfortable microclimates for Canal Side visitors. Priority should be given to utilizing daylight in the winter months and diverting strong cold, winds from outdoor occupants, while providing strategic shading in the summer and promoting a diverse landscape. The public plaza opposite the destination retailer provides a prime opportunity to create a pleasant outdoor open space as well as create visually appealing landscape berms to protect the canal area from wind. Trees should be planted along the streets where applicable, as they can provide shade for pedestrians walking through the Project. Furthermore, trees can act as a traffic noise buffer and reduce pollution generated by cars.

Exterior lighting plays a key role in enhancing both the daytime and nighttime visitor's experience and safety throughout the Project. In order to highlight the architecture, a lantern effect may be achieved with interior lighting on ceilings and walls in retail stores. This can in turn help to illuminate part of the outdoor walkway. The overall development should specify either full cut off fixtures or set the exterior light poles not

to exceed 15 feet from the ground floor. This will ensure that there is adequate illumination for pedestrians without creating a shadow effect, especially along the canal area. Ideally, light from the exterior fixtures should be diffuse to reduce contrast and potential glare issues.

In regards to snow management, because salt can adversely affect water supply and watersheds by infiltrating surface runoff, best practice management would be to prevent chemicals used from entering watersheds and supplies. Storage of chemicals should be tightly contained and monitored. There should be receptors and drains to mitigate contaminated snow melt runoff, especially into canals or bodies of water and major landscape areas. Another strategy to consider includes installing snow fencing to reduce snow drift to areas that have already been cleaned.

Sustainable concepts for site construction and landscape planting should be implemented in an integrated manner by the engineering and design teams. Site construction operations such as grading and site clearance can have negative impacts on the natural environment. Balancing soil cut and fill on-site eliminates the need to move soil in motorized vehicles off-site. This can reduce negative impacts to air quality and natural storm water drainage patterns. Also, on-site balancing would eliminate the need for fill sites and maintaining topsoil resources.

The construction of paved areas with permeable surfaces or groundwater recharge systems would reduce the need for stormwater drainage infrastructure. Low water use plantings typically reduce the need for irrigation, which could be provided through re-claimed water facilities. Plant material waste could be reduced through the selection of lower maintenance varieties of plants in their natural form and size. Green waste could be composted on site and used for mulching to further reduce maintenance and water needs.

Suggested Strategies:

- Develop and implement an erosion and sedimentation control plan.
- Balance cut and fill on site.
- Utilize daylight access and outdoor shading.
- Reduce shadows on open space.
- Include tree canopies to provide shading.
- Improve outdoor amenities within current open space.
- Use permeable paving or groundwater recharge systems where applicable to increase infiltration and reduce storm water runoff.
- Incorporate vegetated buffers along roadways to help mitigate noise and air pollution and infiltrate storm water runoff.
- Select appropriate plant materials and use other methods to minimize the amount of landscaping waste.
- Group plant materials in hydro zones to reduce irrigation needs.
- Utilize permeable paving materials to increase rain water infiltration and reduce storm water infrastructure needs.
- Reduce or eliminate fertilization of landscape. Use compost as fertilizer rather than synthetic compounds or the least chemically based fertilizers.
- Implement best snow management.
- Minimize skyward lighting that contributes to night sky light pollution. See environmental criteria established by the Illuminating Engineering Society (IES).
- Minimize the concentration of contaminants.

Material Resources and Waste Reduction/Recycling

In general, the construction process can have short-term adverse environmental impacts as equipment, infrastructure and people are introduced to the Project Area. Construction practices and materials should be focused on minimizing the impact of building materials and recycling construction waste. The efficient use of materials and the use of recycled materials, protects the natural environment, reduces the need for

manufacturing and reduces landfill demand. While it is important to choose materials that are consistent with the historic design aesthetic, certain materials could be selected that are manufactured locally or regionally, enhance overall building performance and have the least environmental impact. The emerging standard for a regional material is anything extracted and manufactured within 500 miles of the Project Area. This area includes the Northeast region, part of the Midwest region, and Canada. The use of materials that minimize environmental impact is a key part of an overall green building strategy.

Construction waste could be reduced by developing a waste reduction plan to divert construction waste from landfills. A comprehensive recycling guideline could be developed for the entire Project Area. Also, convenient locations for the collection and storage of recyclable materials should be included in the program of all buildings and facilities in the Project Area. Storage for materials separated per local requirements could be provided. Additionally, given the windy conditions, the project could have a cleaning program in place to mitigate the potential of trash blowing onto the canals.

Suggested Strategies:

- Promote recycling program among developments.
- Develop a comprehensive construction waste management plan.
- Divert construction waste from landfills by reusing waste on-site and recycling remaining waste.
- Utilize ultra-low sulfur diesel for construction equipment.
- Include recycled and local/regional material requirements in all material specifications. See U.S. Environmental Protection Agency's Comprehensive Procurement Guidelines (CPG).
- Use adhesives and sealants consistent with Green Seal standard GS-36.
- Use paints and coatings with VOC levels specified in Green Seal Standard GS-11.
- Use carpets and pads consistent with American National Standards Institute (ANSI) NSF 140-2007 and the Carpets and Rug Institute (CRI)'s Green Label Plus Program.
- Use composite wood and agrifiber products with no added urea-formaldehyde or adhesives.
- Specify wood used for construction to be Forest Stewardship Council (FSC) certified.
- Specify non-mercury, non-asbestos containing materials and equipment.

11. Development Review Procedure

11.1 Canal Side Design Committee

Purpose

The purpose of the Canal Side Design Committee (“Committee”) is to assist the Erie Canal Harbor Development Corporation Board of Directors (“Board”) with the development, adoption and implementation of these Guidelines. The Committee’s role is to help ensure that the Guidelines and all development at Canal Side promote a cohesive atmosphere that is inspired by the architecture of Buffalo’s historic canal district.

Composition, Selection, and Qualifications

1. The Committee shall be comprised of three members. The Committee members shall be appointed by, and will serve at the discretion of the Board with input from the Mayor of the City of Buffalo. The members shall serve until their resignation, retirement, removal by the Board, or until their successors shall be appointed. When the Committee has completed review of all proposed permanent structures within Canal Side, the Committee shall be dissolved and have no further duties.
2. Committee members shall be prohibited from being an employee or an immediate family member of an employee of ECHDC, ESDC or any developer or tenant of a proposed permanent structure within Canal Side. In addition, neither Committee members nor their immediate family members shall engage in any private business transactions with ECHDC, ESDC or any developer or tenant of a proposed permanent structure within Canal Side or receive compensation from any private entity that has material business relationships with same.
3. The Design Committee members shall be knowledgeable in matters pertaining to architectural design and historical context as it relates to Canal Side.

11.2 Review Process

Powers of the Canal Side Design Committee

1. Prior to the adoption of the Guidelines by the Board, the Guidelines shall be referred to the Committee for review and recommendation. In addition, subsequent to the adoption of the Guidelines by the Board, any proposed modification to the Guidelines shall be referred to the Committee for review and recommendation.
2. For each proposed private development within Canal Side, the Board shall require the preparation of a site plan prepared to the specifications below and containing necessary elements as set forth in the Guidelines. Prior to accepting the site plan as complete and authorizing construction, the Board shall refer each such site plan to the Committee for review and recommendation. The Committee’s evaluation of all site plans shall be limited to consistency of a proposed site plan with the Guidelines. The following documents are requested from a proposer:
 - A Site Plan at an appropriate scale describing the proposed use of the land, buildings, walks, parking areas, driveways, and pedestrian and vehicular use, open spaces including landscaping, with square feet calculations noted.
 - Conceptual building plans, elevations, and sections showing organization of building functions/spaces, window fenestration, detailing, and façade materials, and other items to show compliance with the purpose and intent of the Guidelines. These shall include:
 - Site Plan indicating building mechanical, electrical, and plumbing systems and

connections. Minimum scale: 1/16" = 1'-0".

- Site Plan indicating building perimeter, landscaping, grading, and paving. Minimum scale: 1/16" = 1'-0".
 - Ground Floor, Roof, and Typical Floor plans. Minimum scale: 1/16" = 1'-0".
 - Building Elevations indicating planar elevation changes, bulkhead, and roof elevations. Minimum scale: 1/8" = 1'-0".
 - Building sections indicating building heights. Minimum scale: 1/8" = 1'-0".
 - Front-wall Elevation indicating material treatment, location of marquees and cornice details. Minimum scale: 1/4" = 1'-0".
 - Outline Specifications for basic mechanical systems, exterior materials, and colors.
-
- An analysis of pertinent land use and building requirements in tabular form, showing how the proposed development meets each provision.
 - A written statement of the proposal including floor area, type of building construction, number of parking spaces, preliminary cost estimates, phasing when appropriate, and other data that may assist in reviewing the proposal.
 - Any other information deemed by the Committee to be necessary to render a decision on the project.
3. The Committee may at its discretion, hold a public hearing within thirty (30) days of receiving a site plan for review. Public notice of such hearing shall be made by publication in a paper of general circulation at least ten (10) days prior to the date thereof.
 4. The Committee shall provide a written recommendation to the Board within forty-five (45) days of receiving a site plan for review. The Committee shall recommend approval, approval with modifications, or disapproval of the site plan to the Board. The Committee shall include in its written recommendation its reasoning therefore and suggested modifications, if any.
 5. Upon request of the Board, the Committee shall provide guidance to the Board on issues relating to any design or planning matter associated with Canal Side, including landscaping, lighting and/or signage.
 6. The Committee shall have such powers as are necessary to carry out its duties under this Charter including but not limited to the power to meet with and obtain information it may require from ECHDC, ESDC or any developer or tenant of a proposed permanent structure within Canal Side.
 7. All recommendations of the Committee shall be determined by majority vote. If any member of the Committee disagrees with a majority recommendation, that member may submit a report to the Board detailing his or her views. Such a report shall accompany the majority's written recommendation.

Appendix:
Sections 3.3 & 3.5 of the
2005 Erie Canal Harbor Amendment to the
Urban Renewal Plan for the Waterfront Redevelopment Project

DRAFT

