



March 28, 2018

Mr. John Gunn, Chairman  
City of Beacon Planning Board  
1 Municipal Plaza, Suite 1  
Beacon, New York 12508

RE: West End Lofts  
Wolcott Avenue  
Tax Map No. 5954-26-688931

Dear Chairman Gunn and Members of the Board:

Enclosed please find five (5) copies of the following in support of the above referenced project:

- Drawing SP-1, "Layout and Landscape Plan", dated March 21, 2018.
- Drawing D-6, "Details", dated March 21, 2018.
- Retaining Wall Rendering, dated March 27, 2018.
- Redi-Rock: Limestone Pamphlet.
- Example Picture of Installed Limestone Redi-Rock Wall.

Also enclosed is a CD containing the above materials.

The site plans were previously submitted to the City Consultants concerning the pathway signage and the retaining wall. Drawing SP-1 illustrates three additional signs depicting the pathway as requested. The retaining wall rendering has been provided to illustrate the intended constructed look of the retaining wall facing City Hall. An example of the wall material is provided for review.

We respectfully request this project be placed on the April 10, 2018 Planning Board meeting for review of the provided information and consideration of approval. Should you have any questions or comments regarding the above information, please do not hesitate to contact our office.

Very truly yours,

INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.

By:

  
Jeffrey J. Contelmo, PE  
Senior Principal Engineer

JJC/jll

Enclosures

cc: Ken Kearney  
Sean Kearney  
AJ Coppola, R.A.

Insite File No. 16226.100


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**REDI-ROCK**



The Limestone texture is available on any Redi-Rock® block. Whether you're building a retaining wall or a freestanding wall, or both—Limestone is a great option.

REDI-ROCK TEXTURE:

# LIMESTONE




Legos. You probably loved them as a kid. We still love them, which is why we created these one-ton Redi-Rock blocks that lock together using a knob and groove system, just like stacking Lego blocks. Now, who wouldn't want a giant block wall on their project?

The design of Redi-Rock blocks goes beyond function, though. These blocks also look great.

Redi-Rock Limestone blocks have a natural split limestone texture that beautifully mimics real quarried stone. These large-scale block faces are perfect for commercial and residential projects—or anything in between!

## Limestone Block Specifications

- 
- |  |   |
|--|---|
| • Quarried stone texture                             | Approximately 23 square feet (2 square meters) of non-repeating texture available |
| • 5.75 square feet (0.5 square meters) of face       |   |
| • Four unique faces to give walls a random aesthetic | • Wet-cast concrete gives a greater level of detail and durability                |

Regional colors and coordinating accessories are available. Contact your local Redi-Rock retailer or visit [redi-rock.com](http://redi-rock.com) to learn more about the Redi-Rock Limestone face today!

## LIMESTONE CASE STUDY



# Redi-Rock PC Ocean Marina Wall Withstands Worst Storm in Years

### The Challenge

In 2012, the City of Rhyl, North Wales launched a massive renovation project. The goal? Transforming the river's edge. This area is subject to large tides and even greater fluctuations in water elevations during storms. To protect the site, designers required a retaining wall solution that could meet the complex structural requirements of the site while providing a scenic park route for pedestrians and cyclists.

### The Solution

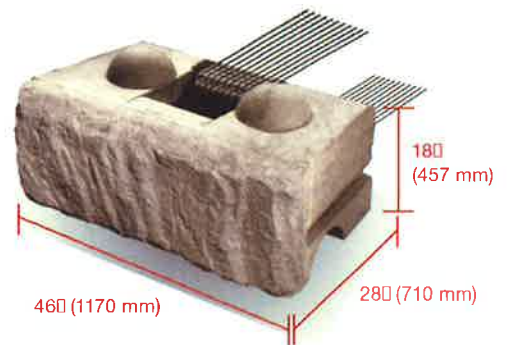
Designers for the project chose the Redi-Rock Positive Connection (PC) System to create the harbour wall that stands 7.4 meters (24.3 feet) high and stretches

188 lineal meters (617 feet). Produced locally by Redi-Rock manufacturer CPM Group, the Redi-Rock PC walls were able to meet the structural requirements of the site as well as provide an aesthetic Limestone finish at a lower cost than other options.

During the 2013-2014 winter season, the new harbour sea wall was put to the test. For days, a storm battered the United Kingdom and caused a 60-year high tidal surge. January wave heights were close to 100-year level.

While this record-setting storm caused damage to many other structures in the area, designers were happy to see that the harbour wall performed exactly as engineered.

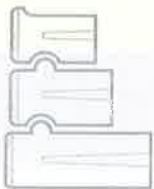
The city was so impressed with how the Redi-Rock wall performed during the storm, they added an additional 1 kilometer (3,280 feet) stretch of Redi-Rock walls.



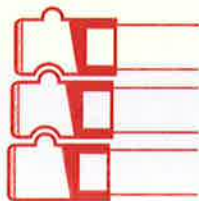
5.75 square feet of face - 1520 pounds  
(0.5 square meters of face - 690 kilograms)

**Project:** Foryd Harbour Enhancement Project **Wall Design:** Groundsolve Ltd Geotechnical Consultants in conjunction with CPM Group **Block Manufacturer:** CPM Group **Project Management:** Denbighshire County Council **General Contractor:** Dawnus Construction **Location:** Rhyl, North Wales, United Kingdom **Completed:** 2013

**Your Complete Wall Solution** Each block in the Redi-Rock system is available in any texture and can coordinate in the same wall, giving you the flexibility you need.



Gravity Walls



MSE Walls  
(shown above)



Freestanding Walls

See [redi-rock.com](http://redi-rock.com)  
for additional  
products and  
accessories.

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Contact your local Redi-Rock retailer or visit [redi-rock.com](http://redi-rock.com)  
to learn more about the Redi-Rock Limestone face today!

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EXAMPLE PICTURE OF INSTALLED LIMESTONE REDI-ROCK WALL