STONE & LIME

Company Overview

Stone & Lime Inc., a masonry restoration contractor, has a long history of working on historic restoration projects along the East Coast spanning from Florida to Maine. Kenneth Uracius and Patricia Pelchat started Stone & Lime Imports, Inc. in 2004 to supply hard to find masonry restoration products to the construction industry. As the use of these historically correct products in the restoration market increased, Stone & Lime Imports was asked to provide labor, in addition to the materials, to work on these projects.

The following is a list of projects that Stone & Lime Imports, Inc. provided both the materials and labor for. These masonry restoration projects include Fort Jefferson, Fort Adams, Fort Pickens, Fort Jackson, Monticello, Royal Orchard, Newport Country Club, Frank Lloyd Wright Usonian House at Florida Southern University, High Bridge NY, Landmark/Coignet Building NY, Louisiana State Capitol and many others.

Stone & Lime Imports, Inc. also has a sister company in Freedom Cement, LLC which was started to provide historically accurate materials to restoration contractors. In 2010 Freedom Cement resumed production of natural cement from Rosendale, New York. We currently produce natural cement from the Lawrence mine in Rosendale. Freedom Cement is the only supplier that publicly declares its natural cement rock is mined in Rosendale, NY and has full control of the production and distribution of natural cement from Rosendale, NY.
REPAIRS TO PLYMOUTH ROCK
PILGRIM MEMORIAL STATE PARK, PLYMOUTH

State of Massachusetts Department of Conservation & Recreation (DCR)
Dates of Performance: 06/01/2017-06/13/2017

Plymouth Rock, a symbolic national icon is set above a stone base and supported by a combination of shim stones and four concrete “haunches” extending up from a concrete bumper that surrounds the stone base. The actual stone consists of two separate fragments that are joined with two brass cramp anchors. The gap between the two fragments is filled with mortar. The mortar was deteriorating at the base of the rock causing the fragments to separate. Stone & Lime Masonry Restoration Services was brought in to assist Ivan Myjer of Building & Monument Conservation (http://www.ivanmyjerbmc.com/) with the removal of 100% of the existing mortar between the fragments, re-point the joint between the fragments, remove the existing concrete bumper and haunches, and install new concrete bumper and granite haunches to support the rock fragments. This work was completed within a very tight timeframe, prior to tourist season, while battling the tide that rises and submerges the monument as the tide rises each day.

VIEW MORE PHOTOS ON NEXT PAGE
EXTERIOR WATERPROOFING REPAIRS “PILOT A” AND “PILOT B”
capitol building of the state of Louisiana

Cangelosi-Ward General Contractors LLC
Dates of Performance: 07/01/2017 – 04/01/2018

The Capitol Building of the State of Louisiana is listed in the National Register of Historic Places, with National Landmark status, the highest level of significance recognized for historic properties in the U.S. The project was broken down into 2 primary work areas: Pilot A – the north façade of the building and Pilot B – the south façade of the building. Stone & Lime was brought in to complete the honing, repointing and cleaning of the building. Work also includes the removal, repair and resetting of nearly 200 stones at locations identified as having deteriorated conditions.
PROJECT PHOTOS

LOUISIANA STATE CAPITOL: EXTERIOR WATERPROOFING
REPAIRS “PILOT A” AND “PILOT B”

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EXTERIOR WATERPROOFING AND REROOF SECTIONS
CAPITOL BUILDING OF THE STATE OF LOUISIANA

Stuart & Co.

Dates of Performance: 11/30/2015 - 9/20/2016

Stone & Lime was brought in to assist with the stabilization of this 460’ historic limestone structure. The scope of work included the removal and replacement of numerous 6’ x 12’ damaged limestone façade stones as necessary to allow for the structural inspections of the structure. Spot pointing of the façade from ground level to the 22nd floor. Prime & prep structural steel prior to the installation of new limestone panels. The main plaza of the building was also removed, cataloged and reconstructed as needed. Because of our successful collaboration with the owner, Stone & Lime has also been brought in to consult with the design team for the next phase of façade repairs.
PROJECT PHOTOS
LOUISIANA STATE CAPITOL: EXTERIOR WATERPROOFING AND REROOF SECTIONS

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REPAIR BASTIONS 2 AND 3
FORT JEFFERSON DRY TORTUGAS NATIONAL PARK

National Park Service - Denver
Dates of Performance: 10/01/2015 - Current

Stone & Lime was contracted to repair the brick masonry scarp wall including masonry demolition, removal of iron components of the historic Totten shutter assembly, partial reconstruction of the shutter assembly using cast concrete replacement components, reconstruction of the embrasure openings and repair and repointing of the scarp wall from approximately the magistral line to the top of the parapet. The second year of work has recently been completed.
PROJECT PHOTOS
FORT JEFFERSON: REPAIR BASTIONS 2 AND 3
EMERGENCY SHORING OF FRONT 3
FORT JEFFERSON DRY TORTUGAS NATIONAL PARK

National Park Service - Denver
Dates of Performance: 09/05/2013 – 08/04/2014

Stone & Lime was contracted to repair portions of the brick masonry scarp wall along Front 3 at Fort Jefferson. The scarp wall masonry was severely deteriorated and in many areas had collapsed into the moat due to the corrosion and expansion of internal iron elements. The work included the removal of iron components of the historic Totten shutter assembly, partial reconstruction of the shutter assembly using cast concrete replacement components, reconstruction of the embrasure openings and the repair and repointing of the scarp wall using natural cement from the magistral line to the top of the string course.
PROJECT PHOTOS
FORT JEFFERSON: EMERGENCY SHORING OF FRONT 3

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Stone & Lime worked with Enola Contracting as contractor and consultant on the Phase II repairs at Fort Jefferson, located 70 miles west of Key West, FL in the Gulf of Mexico. The repairs included selective demolition of masonry to remove the iron Totten Shutter, armor blocks and lintel, the installation of new GFRC armor block and lintel facsimiles, and the associated repair and repointing of the masonry using approx. 100 tons of natural cement. Our involvement in the 1st phase in 2004 included the identification and remanufacture of original materials including natural cement, brick, cast iron and lead concrete, the design and installation of a cast iron Totten Shutter and the re-pointing of 30 feet of façade from moat water line to parapet using natural cement from Rosedale, NY.
As the masonry contractor, Stone & Lime manufactured and installed approximately 2000 Usonian textile blocks for the Usonian Building and Tourism Center and President’s Terrace in 47 different variations fabricated using natural cement from France. Molds using Teflon coated plastic inserts were fabricated and more than 50 mixes and hundreds of samples were created in house before arriving at the final product, which is twice as dense and strong as the original blocks providing future sustainability while maintaining historical accuracy. The building was grouted using custom natural cement grout. After the successful completion of the Usonian House, Stone & Lime Imports was contracted to manufacture and construct a fountain specially designed for the site using similar textile blocks.
Loggerhead Light House was built in 1856 at the same time Fort Jefferson was under construction. Our work on the lighthouse included the installation of new removable copper roof panels to provide a watertight roof, while retaining as much of the original historic fabric and exactly replicating the appearance of the roof in terms of its details and materials, the repair of the dome and gutter system using primary original material and the complete replacement of the polycarbonate glazing and glass panels.