2023 SECOND ISSUE

BAC ON THE WALL

Bricklayers and Allied Craftworkers
Local 1 of MD, VA and DC

President's Message

President Scott Garvin addresses the membership.
Pg. 1

Introduction to Masonry Decay

Pg. 3

Versión en Español

President's Message

Hello Brothers and Sisters,

Construction sites are complex environments that require effective leadership to ensure smooth operations, mitigate risks, and deliver successful projects. A lack of leadership can lead to inefficiencies, delays, and even safety hazards. It is crucial for all stakeholders involved in the construction industry to recognize and accept responsibility for this issue.

The absence of leadership on construction sites can manifest in various ways. It may be evident through disorganized worksites, poor communication channels, inadequate resource allocation, or a lack of clarity in roles and responsibilities. These factors can create an environment where decisions are delayed, conflicts arise, and worker morale suffers.

To address the lack of leadership on construction sites, it is essential for all stakeholders to accept responsibility for their role in the situation. This includes owners, contractors, supervisors, and individual workers.

Project owners must accept their share of responsibility by ensuring that leadership expectations are clearly communicated during the project initiation phase. They should carefully select contractors with proven track records of effective leadership and provide adequate resources and support to foster a culture of accountability.

Contractors and supervisors play a critical role in fostering leadership on construction sites. They must accept responsibility for creating an environment that promotes effective communication, teamwork, and problem-solving. It is essential for contractors and supervisors to lead by example, set clear expectations, provide regular feedback, and empower their workers to make decisions. Investing in leadership training and development programs can also help enhance their skills and capabilities.

Every individual working on a construction site shares the responsibility for fostering a culture of leadership. By taking ownership of their roles and actively participating in the decision-making process, workers can contribute to a more efficient and collaborative environment. They should communicate concerns, suggest improvements, and strive for excellence in their work, thereby influencing the overall site culture.

Accepting responsibility for the lack of leadership on construction sites is the first step towards rectifying the issue. It is essential for project owners, contractors, supervisors, and individual workers to recognize their role in fostering a culture of leadership. By embracing accountability and working collaboratively, we can transform construction sites into thriving environments where effective leadership drives success, productivity, and safety. Seize this opportunity and create a better future for the construction industry.

In Solidarity,
Scott Garvin
President

Mark your calendars
our annual Dinner Dance is months away

SATURDAY, SEPTEMBER 23, 2023
7:00PM - 12:00AM

BLEUES ON THE WATER
7696 ATLOONA BEACH ROAD
GLEN BURNIE, MARYLAND 21060

BAC MEMBER FREE - GUEST $40
NO TICKETS WILL BE SOLD AT THE DOOR

TICKETS WILL BE AVAILABLE STARTING AUGUST 1, 2023

Blast from the past
2012
Dinner Dance

INTRODUCTION TO MASONRY DECAY:

BY MATTHEW REDABAUGH

"Masonry older than yesterday newer than tomorrow" Raymond Lackey, President of IMI, 1985 – 1995.

It is assumed that masonry is forever, the use of natural stone, tile, brick, concrete are all classified as masonry, and well yes they are largely thought to last eternity. But, time, local climates and/or location have all proven to be major factors in the eventual decay of masonry.

The trade referred to as Pointer, Cleaner Caulker or more appropriately the Preservation Mason is one of the fastest growing fields within the family of masonry trades. With untold tens of thousands of buildings all coming to age (75-100 plus years old) the need for addressing the masonry of which these buildings have been constructed of and are now showing signs of real decay and degradation.

What follows is a concise introduction to the factors involved and the elements that cause the decay and potential destruction of masonry materials. Regardless of which masonry product or material we may address, they all have some commonalities that can inherently allow for and contribute to its eventual decay.

Singularly, the one most destructive element to all masonry materials is water; the intervention or absorption of water. The amount of water that can be absorbed in a given masonry body is determined by the composition of the masonry, how porous it is, and the size of the pores in that material.

The level of porosity and the size of the pores can be factors which impact the potential for absorbing and retaining water. The extremities of these factors, size and level of porosity can be defined by sandstone, travertine and granite.

Sandstone; is relatively porous, with many small pores arranged in very close or tight patterns. The way in which it is formed, in successive striations or layers allowing for another very accessible plane for water to enter. In some ways the configuration of these pores are similar to those of a sponge, and thus can not only take water in easily, but can also retain large amounts of water.

Travertine: a limestone formed in a precipitous, wet environment where various gases become part of the process in forming this unique stone. The gases get trapped in variously sized and shaped pockets and become part of the stone. These function as large pores or voids where water can readily enter, but inversely can also readily evacuate; thus, it is very poor at retaining water.

Granite: an igneous material, formed of magma which is very compact and hard, has very low absorption and very minute pores. Granite absorbs water only to a very superficial level and thus is not as adversely affected by such intervention of water as sandstone is. This is one of the reasons that it is typically used as a base material and or, historically, as foundations.

If a masonry product can absorb large amounts of moisture/water/vapor, such as sandstone, it can be more susceptible to decay. Water can contain various minerals such as salts and airborne pollutants which can adversely affect the masonry; as the water evaporates the salts are left behind where they dry and crystalize. Crystallization involves the growth and expansion of salts which produces pressures of hundreds of pounds per square inch (PSI). Water in cold climates will freeze within the masonry which also produces very high psi. In either case this can cause the masonry to break, first at a microscopic level/in the pores and over time can carve out larger areas within which more moisture can accumulate and cause ever larger or greater decay/destruction to the material.

In older buildings where ferrous metals, or iron-based metals can be impacted by the absorption of water causing oxidation. Oxidizing metal can expand up to 9 times its volume if left to full oxidation, this too is a process of growth and expansion which is destructive to the masonry body. These masonry materials have to be understood through testing and the study of material science, for example how the material is formed/manufactured, porosity levels, absorption rates, compressive strengths et al which gives us the insight into how it should perform and thus where and how it most effectively be used in construction.

The careful observation of older buildings and structures such as monuments and grave markers can be very informative regarding how the various natural stones hold up to and/or are adversely affected by the local climate conditions. Take notes, of what materials/what type of stone, its orientation or position relative to North, location on the building or structure, condition of material, note any adjacent materials and take photos and/or do sketches.

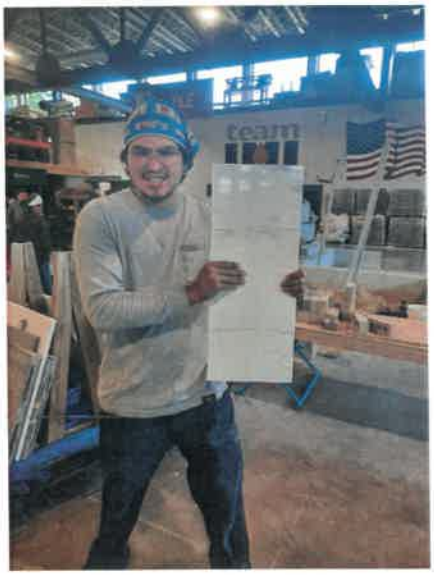
Again, this is a short/quick version in defining the causes of decay of our beloved masonry.

More to come.

TRAINING SPOTLIGHT

Apprenticeship and Training Director Robert Denford, Jr. reaching out to as many young people to educate them on the advantages of being union.

TMT apprentices learning how to stone patch with Matthew Redabaugh.



TEAM IMTEF
INTERNATIONAL MASONRY TRAINING AND EDUCATION FOUNDATION

REGISTER: IMTEF.ORG/CALENDAR

TRAINING OPPORTUNITIES - FALL 2023

The John J. Flynn BAC/IMI International Training Center
17101 Science Drive • Bowie, Maryland 20715

TRAIN-THE-TRAINER COURSES (INSTRUCTORS)

September 11 - 13	**OSHA 502** Trainer Course in OSHA Standards for Construction - FOR INSTRUCTORS ONLY
September 18 - 22	**OSHA 510** Update for Construction Industry Outreach Trainers - FOR INSTRUCTORS ONLY
November 13 - 17	**OSHA 500** OSHA Standards for the Construction Industry - FOR MEMBERS/INSTRUCTORS

CONTINUING EDUCATION COURSES

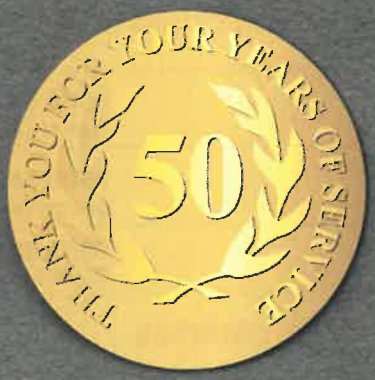
September 11 - 27 October 2 - 18 October 23 - November 8	**Welding: 2 1/2 Weeks** Class size is limited to 8 | D1.1 3G and 4G Certifications offered
October 9 - 11 November 13 - 15	**SICIS Glass Panel Installation Train-the-Trainer** Class size limited to 12 |Must have at least 2 years of tile experience
Year 2: September 18 - 22 Year 3: October 2 - 6 Year 4: October 16 - 20 Years 1 & 5: October 23 - 27	**Instructor Certification Program (ICP)**

To register please contact
Robert Denford, Jr.
Apprenticeship and Training Director
(240) 383-8643
rdenford@baclocal1.org

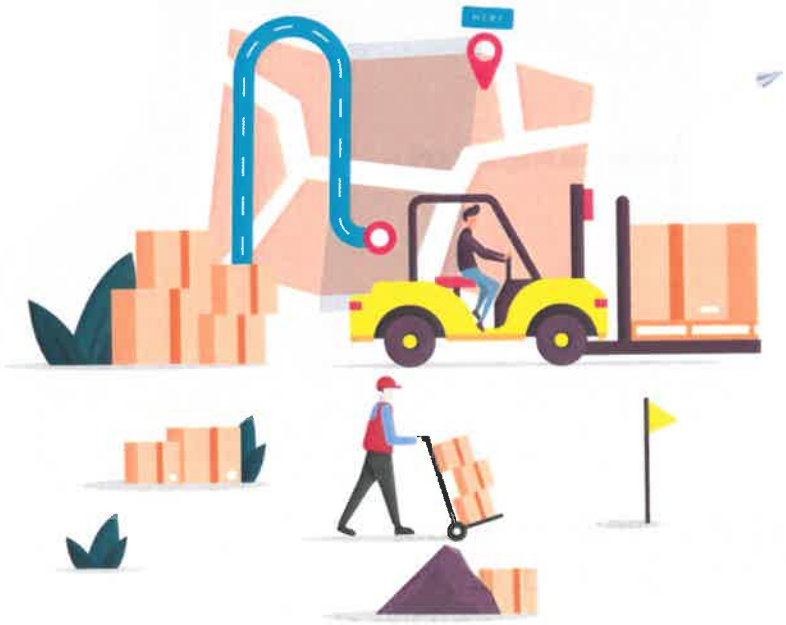
MEMBER SPOTLIGHT

Left to right: Joseph Chamberlain and Scott Garvin.

Brother Chamberlain receiving his 50 year card.



WE HAVE MOVED



The DC Chapter Office and Beacon Administrators Consultants, Inc. have moved. Our new address for all future visits and correspondence is:

305 Compton Avenue
Laurel, Maryland 20707

Local office
(240) 695-9463

Beacon Administrators
(240) 799-2400

We hope you can visit soon.

CONGRATULATIONS TO OUR APPRENTICES

We are pleased to announce the recent achievement of our members who have successfully completed their apprenticeship program.

Efrain Huatuco Veliz	PCC
Darien Martin	Bricklayer
Eric Woodlon	Bricklayer

TROWEL BLAZERS

Our community of brothers and sisters who built BAC Local 1 and the service they provide to the Union as a whole. These are a few of the dedicated men and women who make BAC Local 1 Maryland, Virginia and DC so great.

25 Years

July	Andrew M. Bottner	02DC Stonemason
	Raymond D. Cleland	02DC Stonemason
August	Jeffery C. Belton	31DC Finisher
September	Carlos A.Neto	31DC Finisher
	Jose F. Sieiro Bugallo	02DC Stonemason

40 Years

August	Jose Antonio Crujeiras	02DC Stonemason
September	Philip G. Bryant	03DC Tile Layer

50 Years

July	Joseph R. Digregorio	01MD Bricklayer
	Edgar Lagzdins	01MD Bricklayer
	Eligio V. Santamaria	02DC Stonemason
August	Barry F. French	01MD Bricklayer
	Gregory A. Reimer	01MD Bricklayer
September	Robert M. Elrod	01MD Bricklayer

LEAVING A LEGACY

The Officers and Staff of BAC Local 1 extend their sincere condolences to the families and loved ones of the following members who have passed:

03/05/2023	Michael Buttion, Jr.	01MD Bricklayer
03/08/2023	John Harper	31DC Finisher
03/23/2023	Jose Gil	02DC Stonemason
04/13/2023	Wade Vallimont	01MD Bricklayer
05/09/2023	Alan Baker	01MD Bricklayer
05/30/2023	C. Edward Poarch, II	01MD Bricklayer
06/03/2023	Harold Bedsaul	01MD Bricklayer
06/21/2023	William Volckman	01MD Bricklayer

ANNOUNCMENTS & EVENTS

MEETINGS

July 12th - DC Chapter Meeting @ 5:30pm - 6:30pm
July 20th - Baltimore Chapter Meeting@ 5:30pm - 6:30pm
August - There will be no DC or Baltimore Chapter meetings this month
September 2nd - DC Chapter Meeting @ 5:30pm - 6:30pm
September 21st - Baltimore Chapter Meeting@ 5:30pm - 6:30pm

TRAINING

September 9- TMT & Finishers @ 6:30am - 2:30pm
September 16 - Brick & Stone Masons and PCC @ 6:30am - 2:30pm
September 23- TMT & Finishers @ 6:30am - 2:30pm

SPORT TICKETS

Join in on the action call a week ahead of the sport event below you would like to attend and reserve your tickets (240) 695-9463.
Tickets are first come first serve.

DC UNITED	NATIONALS	ORIOLES
Saturday, July 8 at 7:30pm	**Saturday, September 9 at 4:05pm**	**Saturday, July 29 at 7:05pm**
VS Inter Miami CF	VS LA Dodgers	VS NY Yankees
Saturday, September 9 at 7:30pm		**Saturday, September 30 at 7:05pm**
VS San Jose Earthquakes		VS Boston Red Sox
Saturday, October 7 at 7:30pm		
VS New York City FC		

Bricklayers and Allied Craftworkers
Local 1 of MD, VA & DC
305 Compton Avenue
Laurel, Maryland 20707

Follow Us

@BAC1MVD @BAC1MVD @BAC1MVD @BAC Local 1