

Every obstacle in life has a **design** solution.

## Full Sail for the Future

Ever have a tough time making a decision? With so much available information and ever more alertness to others' points of view, it's possible that decision-making is actually becoming more difficult. In nautical terms, this can lead to a "be-calmed" state that is, internally, anything but calming.

Researchers at the U.K.'s University of Bristol listed some of the factors impacting our decision-making: Instability in the world, changes such as financial or climate, shifting goals, or the temptation to "wait and see what else happens." That last can easily become entangled with our natural human bias toward inaction, which ends up favoring default options.

*Photo credit: Wikipedia*



It turns out that making a decision, or, more specifically, taking action is itself the antidote. Peter Sheahan is an expert in workforce trends and the author of "Flip." He writes, "Action creates clarity! ... Stop trying to find the perfect job, or the perfect product or business idea. Move! Do something!"

The idea here is that, while yours may not be the "perfect" answer, it is a start. One effect of taking action is to generate clarity, which may, in turn, lead us to tweak or even scrap the original strategy. Either way, there is momentum, and without that, we aren't going anywhere.

It's true that there may be risk. "What if this is the wrong decision? The wrong direction?" However, the way the body acts on a physical level

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### Did You Know ?

We are the leading local provider of tools and resources for people planning on adding on to, renovating or building a home.

We have several consumer guilds to help you.

**One of our recent publications is...**  
**"The 10 Advantages of Design Build"**



Download it here and share it with

## Archi-fact.

The materials used to construct the Iconic Building of the Month include 24" diameter cardboard tubes, timber and steel. The roof is of polycarbon, with 8 shipping containers forming the walls. The foundation is concrete slab. The cardboard tubes were reinforced with laminated wood beams, are "coated with waterproof polyurethane and flame retardants"

# Iconic Building Of The Month

## The Transitional Christchurch Cathedral in Christchurch, New Zealand

The Transitional Christchurch Cathedral in Christchurch, New Zealand, came about in response to an earthquake. The church replaces the more traditional structure badly damaged in the 2011 Christchurch quake (the spire collapsed) and itself has withstood several others since then. It is also the world's only church made substantially of cardboard.

Architect Shigeru Ban is a native of Japan and studied architecture at The Cooper Union in New York City. Early on, Ban found innovative ways to use recycled paper and applied these both to disaster relief projects and with private clients. For the church, he employed 90 600-millimeter-diameter, 20-meter-long cardboard tubes.



*Photo credits-both: Wikipedia*



*Photo credit: Wikipedia*

The Japan Times reports that Ban realized in the mid-1980s that “paper could be used to create the weight-bearing structural elements of a building.” The result is more complex — and more durable — than it sounds. Ban writes, “Since geometry is decided by [the] plan and elevations of the original cathedral, there is a gradual change in each angle of paper tubes.” The most frequently asked question about such structures has to do with rain; however, the church’s polycarbonate roof and concrete floor keep it watertight. Opened in 2013, the estimated lifespan of the “temporary” structure is 50 years.

## Archi-Quote

The term “Paper Architecture”, referring to an actual building material as a philosophy in design was coined by the architect of this month’s Ionic Building, Shigeru Ban of Japan.

This philosophy is best express in the design and construction of The Transitional Christchurch Cathedral in Christchurch, New Zealand.

In summing up his new philosophy of “Paper Architecture he simple stated...

"I don't like waste".

# Full Sail for the Future

*continued from page one*

may give clues as to the non-physical as well. Researchers at Queen’s University in Canada looked at what happens when someone extends a hand to reach a certain object. The researchers found that “reaching movements are supported by reflex responses that compensate for errors that can arise during movement execution.” In other words, when we see that we are off-course, a fast "visuomotor" reflex corrects our motion. Think of catching a frisbee. Might we also correct for stormy seas on the way to the "harbor" of business or personal goals?

Sheahan would say yes. He finds that it’s important to be flexible enough to adjust to changes in conditions. He even goes a step further, sensitive as he is to the changing times, when he writes: “It is no longer

possible to begin with Point B in mind and reverse-engineer the results until you get back to Point A.”

Detailed, step-by-step plans are out the window, or in this case, the porthole. Even those who deal in looking to the future all the time have had to adapt. Australian futurist Paul Higgins writes: “Our work has changed over the last decade to be far more focused on how you create a strategy which deals with the fact that forecasting does not work and that ‘best stabs’ are somewhat useless.”

Now is the time for all of us to get our “sea legs” as we sail our respective ships through the uncharted waters that are the future.

## Archi-Speak

Can you find these words with motion?

<b>Commotion</b>	<b>Demotion</b>	<b>Emotion.</b>
<b>Locomotion</b>	<b>Promotion</b>	

Z V O I M X Q R F E F L S S Z  
 Q H B X S A P J H E B N I W W  
 O W O U R F S E D S I Z B J H  
 S U J D N E L M E U B J J V O  
 G I H U E T P V M F P C O P A  
 W O S G E L A M O L C X C K W  
 P L U S M O O G T U U G S H A  
 S L O C O M O T I O N E R G J  
 Z T K T W N J E O J E D A M R  
 F V U F A O L E N S R S L M D  
 Z Y K Q K Q N O I T O M E W Q  
 V P C Z C O M M O T I O N F V  
 V P R O M O T I O N J B F K H  
 J J Z C E X L B O A H W R P F  
 H Q W P Q Z A V I M L U H Y Z

## Ask M

In the James Bond books and movies the character “M” heads the Secret British Intelligence Service known as MI 6, of which James Bond is Agent 007. When contemplating adding on to your home or building, renovating or building a new home or building you should have someone like “M” on your side. Each month the “Ask M” column will answer a reader’s question to place more information at your finger tips. **This month’s question is...**

**Is the wheel older than the wall?**

*Lisa B.*

*Lisa,*

*According to the Smithsonian Museum the wheel was first invented around 3500 B.C. which is about 5,519 years ago.*

*According to Wikipedia “the oldest walls found in existence so far are those of the temple of Gobekli Tepe in Urfa, southeast of Turkey which date to 11,500 years ago.”*

*In answer to your question, walls are more than twice as old as the wheel.*

Email your questions to [info@designMgroup.com](mailto:info@designMgroup.com) ,and in the subject line type in “Ask M”. We look forward to hearing from you and hope we can answer the questions to everyone’s satisfaction.

## Want to speak with the Architect

Do you have questions but do not know where to start?

Do you know the legal consequences of starting a project without approvals?

Are you sure you have completed all of the research necessary so as not to waste your money and time during construction?

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## About

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President



photo credit: Jenna Glatzer

Marcus Marino, RA, AIA, NCARB is a leading architect in New York City. He received a Bachelors of Architecture from the prestigious Pratt Institute and a Masters in the Science of Architecture and Urban Design from Columbia University Graduate School of Architecture, Planning and Preservation. He received his license to practice architecture in New York State in 1981 and is licensed in a number of other States. Marcus Marino has served on numerous Governmental Panels and serves as an expert consultant to other architectural firms and legal firms. He is the former Vice President of Public Advocacy of the New York State American Institute of Architects.

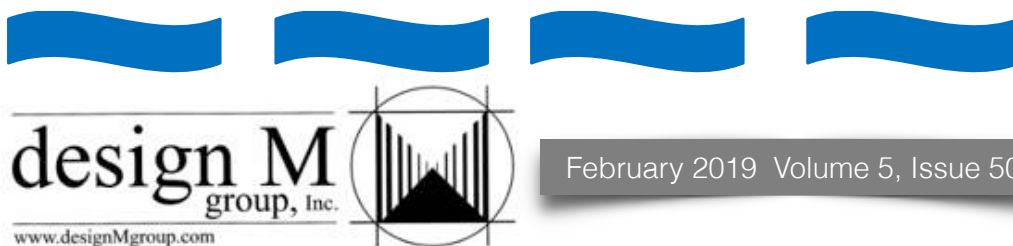
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**Architects should help provide information to our fellow world citizens about their homes, offices and the built environment in general.**

**Your Home should move you emotionally like your favorite song does.**

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