

Every obstacle in life has a design solution.

August 2019, Volume 5, Issue 56

"Times They Are a-Changin'."

This is not just a song written and performed by Bob Dylan back in 1963. It is what we are all going through right now in our lives. We are witnessing a massive change in the climate of earth. We all know people who on the first cold day in winter will say something like "what happen to global warming"? Hopefully we can educate them as to the differences between weather and climate. Last month the majority of the United States experienced one of its worst heat waves which traveled over the Atlantic Ocean and delivered the same misery to the European continent. If you recall the month before, the center of the country had massive rain storms and flooding. The farm lands were the most effected. No doubt the cost of grains which are predominantly grown in the mid-West will cost more next year. Too many years like this and no crops will grow at all.

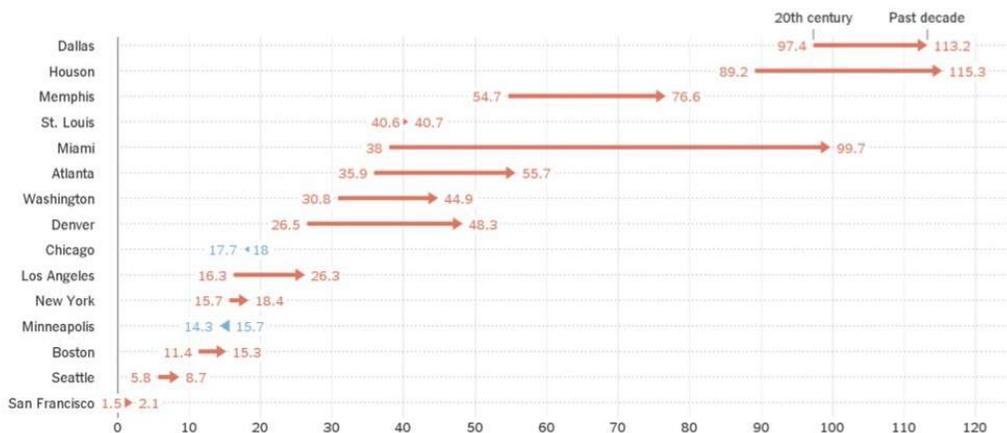
Global warming and climate change is no longer theory. It has proven itself clearly and concisely. AL Gore's "The Inconvenient Truth" should be required viewing by every person on earth. We have nothing to loss but our home planet.

The New York Times

Boston Has Become New York

The Rise of 90-Degree Days

Change in the average number of days per year with temperatures above 90 degrees, in selected cities.



Average for 20th century is the first 80 years (1900-1979), before global warming became more severe. Past decade is 2009 to 2018.

By The New York Times | Source: National Weather Service

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Credit: The New York Times

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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"



Down load it here and share it with

Archi-fact.

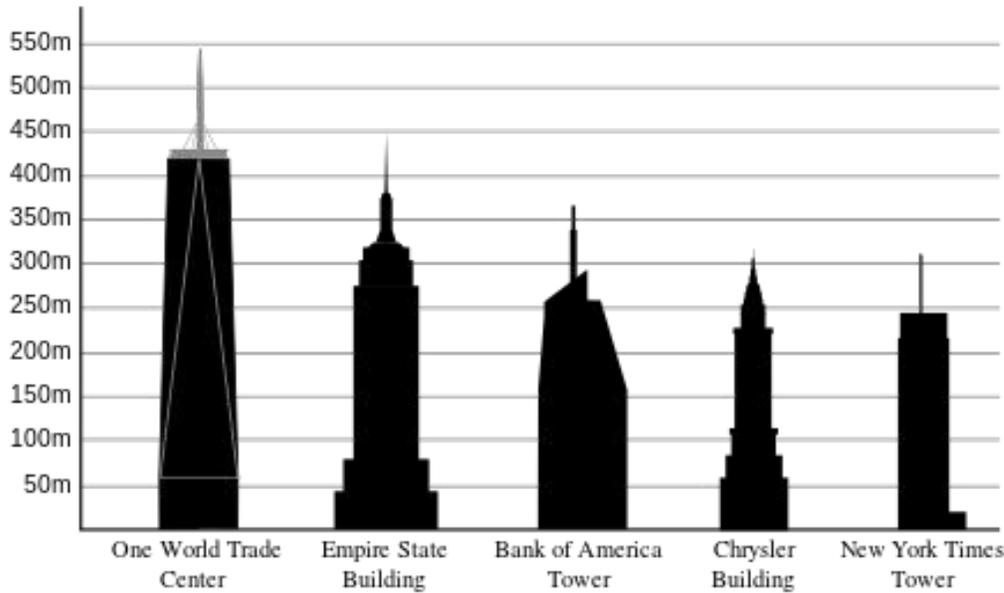
Construction consumes a great deal of energy and resources. In addition it creates pollution.

For example, each ton (2,000 pounds) of regular cement produced, creates about a ton of carbon dioxide in the atmosphere. In Germany they have created a way to sequester carbon dioxide in concrete which even makes the concrete stronger.

Iconic Building Of The Month

Bank of America Tower New York City

The Bank of America Tower was completed in 2009 and designed by Cookfox Architects. It is located on the North West corner of 42nd Street and the Avenue of the Americas (6th Avenue) diagonally across from Bryant Park. It is the fifth (5th) tallest building in New York City. The tower's architectural spire rises 255.5 feet above the building attaining a maximum height of 1,200 feet.



Height Comparison of well know buildings in New York City

Photo credits:Wikipedia



Photo credits:Wikipedia

The design of the building makes it environmentally friendly, floor to ceiling insulated glass walls provide an abundance of natural light and the artificial lighting is automatically controlled to dim when there is sufficient daylight. The tower also features a grey-water system, which captures rainwater for reuse.

The Bank of America Tower is constructed using concrete manufactured with slag, a byproduct of blast furnaces. The concrete mixture used was 55% cement and 45% slag. Using slag reduces damage to the environment by decreasing the amount of cement needed, which in turn lowers the amount of carbon dioxide greenhouse gas produced through the normal cement manufacturing process.

There is an under raised floor air conditioning distribution system which improves ventilation effectiveness and provides all workers with the ability to control their own space temperature. The cooling system produces and

Archi-Quote

This quote is not from an architect but from a journalist who reports on environmental issues. Most recently he has previously been with "Mother Jones"

"There has been a boom in energy-efficient skyscraper construction".

Tim Donnell

"Times They Are a-Changin."

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Over the last decade there has been a huge increase in days with temperatures over 90 degrees as compared to the last century in all major cities in the United States. Miami had the greatest increase in days over 90 degrees. They went from an average over the last 100 years of 38 days a year with temperatures over 90 degrees to an average over the last decade of 99.7 days per year.

We should make it the primary policy of this country to reduce the amount of carbon dioxide in the atmosphere which is the primary cause of climate change at this time.

Iconic Building of the Month

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stores ice during off-peak hours and allows the ice to melt to help cool the building during peak load, similar to the ice batteries in the 1995 Hotel New Otani Tokyo, Japan. Ice batteries have been used since absorption chillers first made ice commercially available 150 years ago, before the invention of the electric light bulb.

Water conservation features include waterless urinals, which are estimated to save 8,000,000 gallons of water per year and reduce carbon dioxide emissions by 144,000 pounds per year.



Photo credits:Wikipedia

Archi-Speaks

Can you find these words?

COMFORT
LIGHT

WATER
TEMPERATURE.

AIR

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

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...**

Should I use a filter for my drinking water at home?

Susan k.

Susan,

The answer to this depends on many things. First of all are you on well water our the municipal supply? Second, have you tested the water to find out if it is safe and what is in it? Third, do you have specific health concerns which can be effected by drinking water quality?

If you are on a municipal supply and it has been declared safe, you may still want to filter the water to eliminate fluoride and chorine. Both have ill side effects.

Email your questions to 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?

Are what you think are your NEEDS and OPTIONS truly the best for you and your future?

Does the contractor really have YOUR best interest in mind when suggesting solutions?

Answering these questions and more are the reason for enlisting a Needs and Options Review.

We can help you on your way to a successful project with less hassles and problems.

Visit: www.designMgroup.com

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.

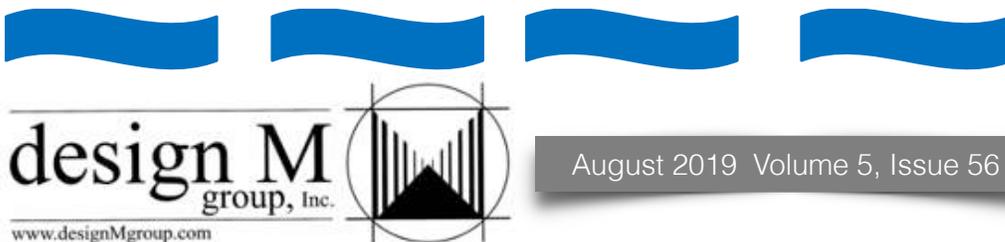
Our core beliefs are ...

Architects have a responsibility to our clients, community and the environment.

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.

Let Us Help You Build the Home You Knew Was Always There For You.



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Contact me !

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NCARB