

Every obstacle in life has a design solution.

June 2019, Volume 5, Issue 54

Sprinklers

More than Just for the Lawn

For the grass of a typical lawn to look good it requires fertilizer and frequent watering. Lawn sprinklers can provide the right amount of watering at great environmental costs..



Photo credit:
JJ Harrison -//commons.wikimedia.org/w/
index.php?curid=5651199

Typical Lawn Sprinkler

However, this article is about the other type of sprinkler in our built environment. Fire suppressing sprinkler systems in buildings are recommended by the insurance industry if the Fire Department response in an area is more than seven (7) minutes. If less, they do more damage to a building than a fire. However, they can save a fire fighters life as they enter a building to look for unconscious survivors. Therefore, the International building code (which has been adopted by most states) requires them in all new buildings including one family homes. They are also required in some renovations under specific circumstances.



Photo credit: By Brandon Leon
[https://commons.wikimedia.org/w/
index.php?curid=28858271](https://commons.wikimedia.org/w/index.php?curid=28858271)

Exposed Fire Suppression
Sprinkler

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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.

Our Iconic Building of the Month is Notre Dame, Paris, France

The building is 157 feet wide and 420 feet long. It has two (2) towers each 226 feet high.

There was one spire that was 300 feet in height.

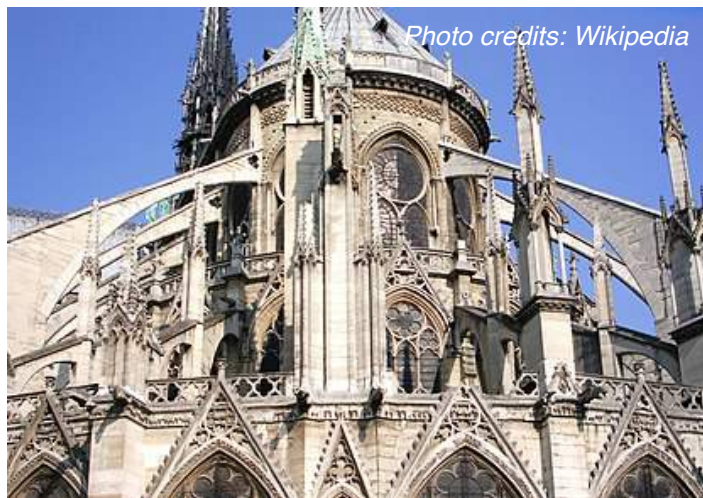
In the fire this year the spire collapsed through the ceiling of the cathedral.

Iconic Building Of The Month

Notre Dame, Paris

The cathedral is considered to be one of the finest examples of French Gothic architecture. Its pioneering use of the rib vault and flying buttress, its enormous and colorful rose windows, and the naturalism and abundance of its sculptural decoration set it apart from the earlier Romanesque style. Major components that make Notre Dame stand out include one of the world's largest organs and its immense church bells.

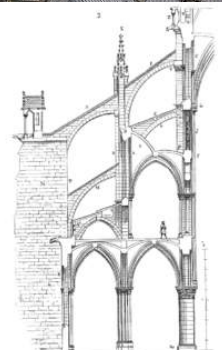
The cathedral's construction was begun in 1160 and was largely complete by 1260, though it was modified frequently in the following centuries. In the 1790s, Notre-Dame suffered desecration during the French Revolution.



Popular interest in the cathedral blossomed soon after the publication, in 1831, of Victor Hugo's novel *Notre-Dame de Paris* (better known in English as *The Hunchback of Notre-Dame*). This led to a major restoration project between 1844 and 1864. The liberation of Paris was celebrated within Notre-Dame in 1944 with the singing of the Magnificat. Beginning in 1963, the cathedral's facade was cleaned of centuries of soot and grime. Another cleaning and restoration project was carried out between 1991 and 2000.

The cathedral is one of the most widely recognized symbols of the city of Paris and the French nation. Approximately 12 million people visit Notre-Dame annually, making it the most visited monument in Paris.

While undergoing renovation and restoration, the roof of Notre-Dame caught fire on the evening of 15 April 2019. Burning for around 15 hours, the cathedral sustained serious damage, including the destruction of the fleche (the timber spire over the crossing) and most of the lead-covered wooden roof above the stone vaulted ceiling.



Archi-Quote

This quote is not from an architect but appropriate for what has happen in France this year.

“That is the history of the French. We divide very often around things that we argue about, but we then get together,”

— [Bertrand de Feydeau](#), Vice President of a [Conservation group](#) which immediately started raising funds to restore Notre Dame after the fire. Over \$1,000,000,000 dollars has been raised so far.

Sprinklers:

*continued
from page one*

This month our Iconic Building is Notre Dame Cathedral in Paris. This year it suffered the results of a fire in its attic. This fire started out so small it was not even noticed when a guard went to check out a smoke alarm which sounded. It grew until it completely engulfed the exterior roof, all of the centuries old timber which was its structure and caused the spire to collapse and break through the beautiful store arches of the ceiling. Even though Notre Dame has had numerous renovation and restoration projects over its entire life sprinklers were not added. For the most recent restoration, even though fire sprinklers were recommended by experts they decided not to install fire suppression sprinklers in the attic because it was not “period to the building. This means that when the building was built there were no fire sprinklers. They instead installed smoke detectors and created a program whereby if one sounded a staff member would go into the attic and look for signs of a fire.

Well this occurred just fine on that faithful day. However, the inspector did not see signs of a fire and ignored the alarm. The rest is unfortunately history for one of the most beautiful buildings in the world and an emotional and historic site for the people of France.



Photo credit: Wikipedia

Archi-Speaks

Can you find these words?

- CATHEDRAL.
- RIB
- VAULT
- GOTHIC
- BUTTRESS

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

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...**

There are Building Department violation on the house I just purchased in NYC. Am I responsibly for them.

Jane R.

Jane,

In NYC building code violations are assigned to the property not the owner. Therefore the current owner at any giving time is the responsible party. In NYC depending on what type of work you want to do, you may have to correct the violations and pay the fines. Some times you can not even re finance you mortgage or get a home improvement loan when there are violations on the property.

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.

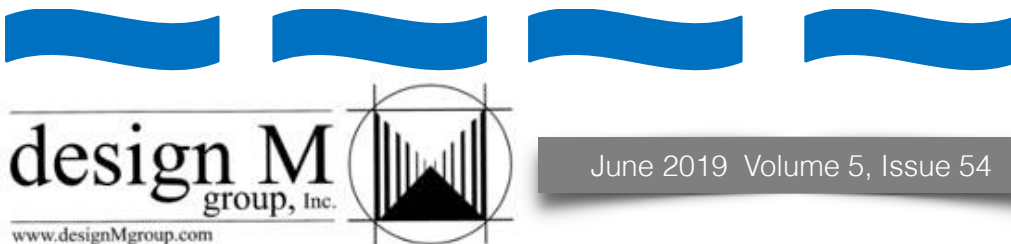
Our core beliefs are ...

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