



pole base[®]
ALFREDMILLER.COM/POLEBASE

BY

Alfred MILLER
COMPANIES

America's Leader in Precast Concrete Solutions

INTRODUCING POLE BASE®

WAY MORE THAN JUST A CONCRETE CYLINDER

Pole Base® is an architectural precast foundation system for lighting and taxiway light bases flush mounted with the ground. When you dig deeper than the good looking exterior, you will see that Pole Base is way more than just a concrete cylinder.

As with everything we do, installation of Pole Bases are the most efficient and effective product on the market - and only requires three steps: Auger, Place, and Backfill. All production of the actual Pole Base is done offsite.

SIMPLE AND EFFECTIVE

Think about it, a typical light pole base is made with a piece of cardboard... you have to install the rebar, the j-bolts, and the conduit — not to mention more complicated things like junction boxes.

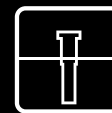
We are in the 21st century and people are still using cardboard for this stuff! With Pole Base®, we do all of the archaic stuff for you. When Pole Base® shows up on the site, all you have to do is:



1. Auger



2. Place



3. Backfill

We do the hard part for you!

WE THOUGHT IT OUT

Now, how many people think about engineering when they think about light pole bases? Exactly...not many. We've taken light pole design a step further by developing preliminary design charts so you can easily figure out how deep and big around your Pole Bases® need to be.

We have construction details, specs, CAD details and a design guide. We think this stuff is awesome! We put together a robust and technical system when we designed Pole Base®.

We are different than cardboard tubes. Spec us today and see the difference.



HOW IT WORKS

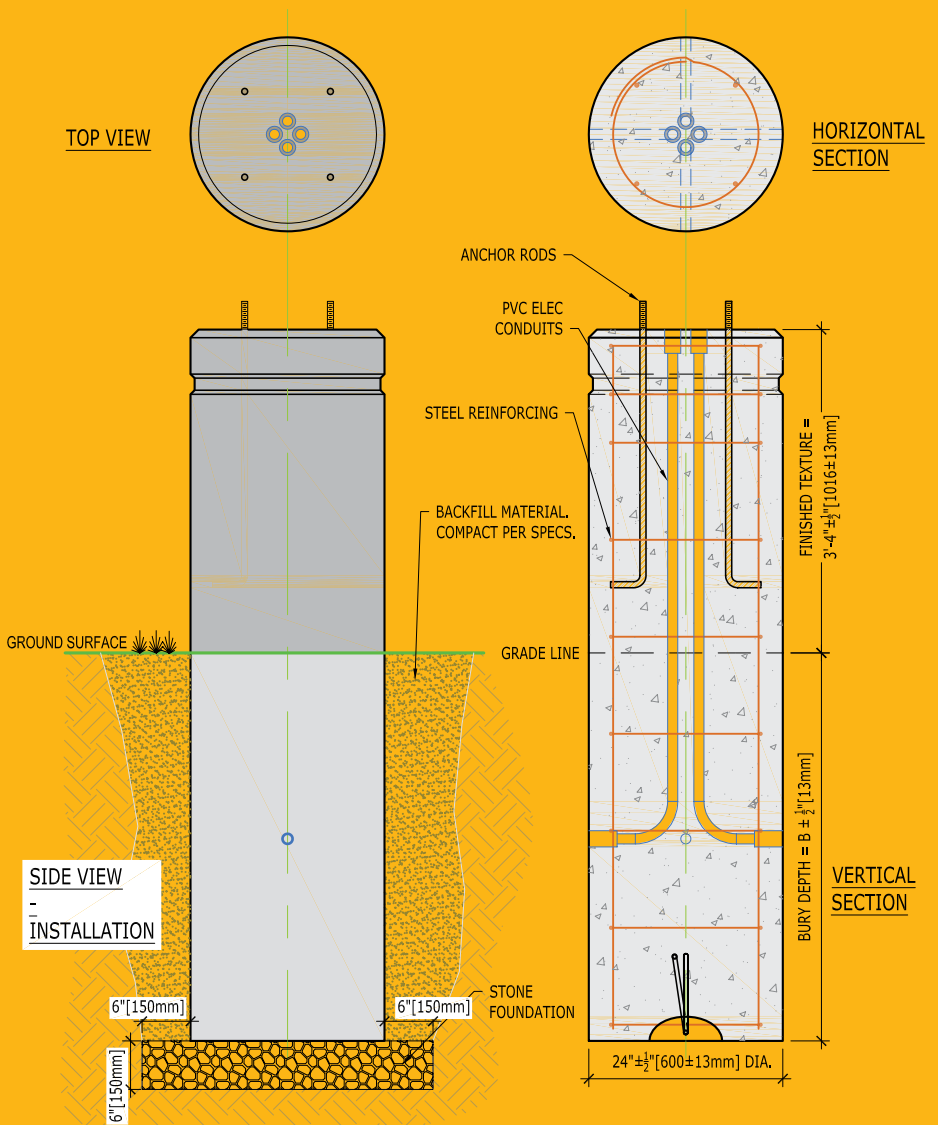
When you dig deeper than the good looking exterior, you will see that Pole Base® is way more than just a concrete cylinder. A lot goes into Pole Base. That's because we started with the premise that light pole bases should be exciting, versatile, and easy to use – not boring and antiquated.

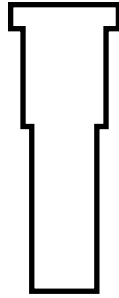
Every project is different, which is why we can create just about any customization you need with Pole Base, including custom bolt patterns, conduit, and color.

Yes, you heard right, color! Pole Base doesn't only come in standard concrete gray. Have you ever seen a light pole base that is colored to match nearby buildings? We hadn't either, so we decided to spice things up a bit.



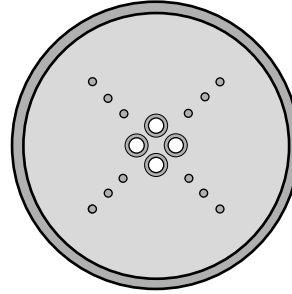
Pole Base® offers a variety of design resources including specifications, dimensioned details, and engineering support.





ONE PIECE

Believe it or not, all Pole Base products are one solid piece of concrete.

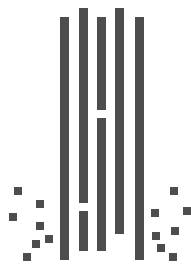


ULTIMATE VERSATILITY

There are hundreds of light fixtures and a variety of J-Bolt patterns out there.

Pole Base can precast any pattern to your specifications.

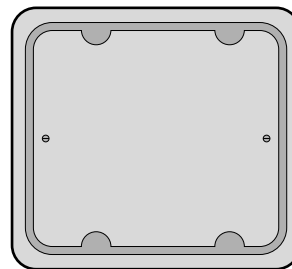
Just ask us and we will do it for you.



CONSISTENT PRODUCTION

Pole Base is made from 5000 PSI architectural-grade precast concrete.

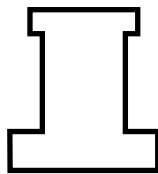
That is a mouthful to say... but the takeaway is that Pole Base™ is really high quality and will last a long time.



JUNCTION BOXES

Make the specification, and it will show up on site just like you want.

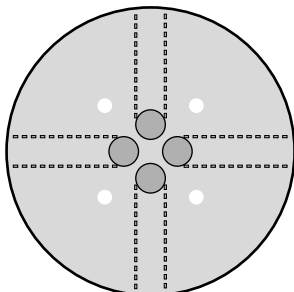
Gone are the days of climbing inside the cardboard tubes to install junction boxes.



MANY POSSIBILITIES

Not all projects need bases. No problem.

Pole Base can also be used as driveway columns, fence posts, deck foundations, flagpole bases, and a bunch of other cool stuff too.

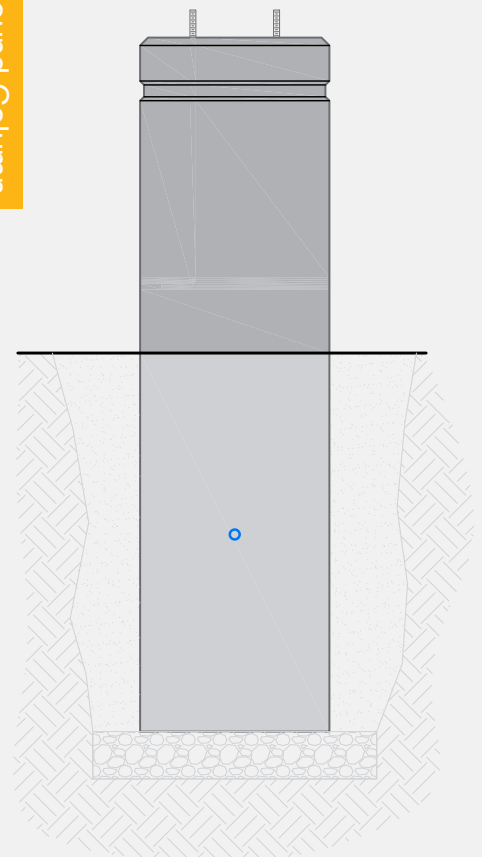


CONDUIT OPTIONS

If you need a bunch of extra runs of conduit in your light Pole Base, then we have you covered.

We can customize the inside of Pole Base to meet your needs.

Round Column



HEADACHE AVOIDED

PROJECT INFORMATION

Project Name

Walloon Marina Site Lighting

Customer

Steadfast Land Holdings, LLC

Engineer

Architectural Area Lighting

Manufacturer

MDC Contracting

Installer

Wayne's Electric

Location

Walloon, MI

Year Built

2013

THE CHALLENGE

"For the first three weeks, it was raining every day and the site was just mud," explained Dick Borisch, Facilities Coordinator for the developer for the project.

"Being close to the water made it difficult to dig a hole, put in a Sonotube, and pour concrete because the water filled up the hole pretty rapidly," Borisch said. After waiting several weeks for the right conditions to install the cardboard forms and pour the bases, "we saw that as a problematic way to go for this job," Borisch explained.

// The contractors could install them during bad weather or good. //

-Dick Borisch
Facilities Coordinator

THE SOLUTION

Seeing the difficulty this project was facing, Wayne McPhall of Wayne's Electric suggested that the developer consider Pole Base™, a precast system that could be installed regardless of weather conditions or water levels, with engineered reliability, and distinct aesthetics that would make a project stand out.

Borisch was happy with the recommendation, explaining: "They are pre-fabbed and that makes them easier to install because you can just dig the hole at any time and put the pier in and be ready for your lights. The contractors could install them during bad weather or good. Using the pre-fabbed Pole Bases™ was the best bet for us to get this project completed."

The advantages of Pole Base™ includes superior aesthetics, as well as the ability to install at any time. Pole Base™ products are manufactured in a controlled environment and delivered on site. "It's a cleaner, easier job to just drop them in the ground than to have all that other equipment coming in," Borisch said. "It gives you more flexibility. Once they are poured, it is up to you when you want to install them. As compared with Sonotube, once you call a cement truck, you are pretty much committed, even if it rains."



MORE ABOUT ALFRED MILLER COMPANIES

A nationwide contractor based in Lake Charles, Louisiana, Alfred Miller Companies has created innovative solutions for Industrial and Commercial construction projects for 70 years.

And we're not slowing down.

Our business consists of three complementary, but distinct business verticals: Fireproofing, Design/Build Construction, and Specialty Precast Manufacturing.

Our leadership's philosophy of constant improvement and efficiency in all aspects of project processes, execution, and delivery is the key factor in creating the innovations we're known for producing.

We invent what does not exist and improve what does exist - our way.

Get to know us better by visiting alfredmiller.com.

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