

**WE DO MORE WITH
FEWER MAN-HOURS TO
IMPROVE
PRODUCTIVITY
USING OUR INNOVATIONS
RIGHT HERE IN AMERICA**



FIREPROOFING



PRECAST



BUILDINGS



FIELD SERVICES

Alfred MILLER
CONTRACTING

ALFREDMILLER.COM

THE FUTURE OF BUILDING STARTS HERE



Philip Miller / *President*

Alfred Miller Contracting has been America's Leader in Fireproofing, Buildings, Precast, and Field Services for over 70 years.

Born and bred in the Downstream Oil and Chemical Construction industry, Alfred Miller Contracting shreds the trend of building petrochemical plants with a massive amount of manpower. Our automation, technology, and lean construction management principles are the better solution for labor shortages.



FIREPROOFING

The Complete Fireproofers



Intumescent - Cementitious - Concrete

Some fireproofers do only shop work. Others do only field work. Some do only lightweight cementitious, epoxy intumescent, or concrete. We do all of the above and we coordinate it, giving you a single point of responsibility for all shop and field fireproofing. This lets you avoid problems between the shop applicator and field applicator over the size of field connections.

You won't have to manage fireproofing—we ensure it happens in a fluid, coordinated way. We can even store your fireproofed steel and sort it and ship it to you in erection order, thereby skipping the onsite laydown yard.

**WE
FIREPROOF
MORE STEEL
THAN ANYONE ELSE
IN NORTH AMERICA.**



DID YOU KNOW?

- We built the highest producing, climate-controlled fireproofing plant in the USA, featuring two Moving Buildings that travel 1,200 feet over the steelwork—instead of moving the steelwork, itself. We can process over 6 acres' worth of steel at any time around the clock—in any weather—while our single-shift capacity is well over 10,000 sq. ft. of fireproofing per day.
- The U.S. Patent and Trademark Office has recognized Alfred Miller Contracting's technological innovations through issuance of the following patents: U.S. Patent No. 9,140,005, U.S. Patent No. 9,540,813, and U.S. Patent No. 7,143,555.
- We completed the largest fireproofing job in U.S. LNG construction history.

PRECAST

The PCI Certified Expert



Alfred Miller Contracting is the recognized authority in Precast Concrete, designing and fabricating specialty precast solutions that reduce field man-hours and ensure maximum cost-savings.

Our Precast Products division includes the design and fabrication of:

- Trenches
- Duct Banks
- Precast Pipe Racks
- Manholes
- Pile Caps
- Walls
- Light Pole Bases
- Spread Footers



**WE EXCEL AT
DEVELOPING THE
CRITICAL DETAILS
THAT MAKE NEW IDEAS SUCCESSFUL;
IN FACT, NO ONE DOES IT BETTER.**

DID YOU KNOW?

Our precast containment trenches can be made with integral insulating concrete liners for LNG spills or sulfate-resistant concrete for improved resistance to sulfates.

Move man-hours offsite!

Precast concrete helps achieve maximum productivity with minimum expense. Manufactured offsite in our controlled environment, it produces the highest degree of quality and is the epitome of well-organized, time-saving, labor-saving and cost-effective construction. Fewer trades are required, limiting on-site duration, congestion, and schedule delays—thereby improving Safety.



TRENCHES

Compared to cast-in-place trenches—which can take up to 80 man-hours per foot—we can install 400 linear feet per day with a 5-man crew. Our precast trenches are installed with a fraction of man-hours and proportionately reduced safety risks—keeping your project **on schedule and under budget.**

DUCT BANKS

Customizable to any size and configuration of conduits.

With a 5-man crew, we can install 400 linear feet of duct bank per day. Don't believe it? See for yourself at AlfredMiller.com.



PIPE RACKS

We designed our own patented precast pipe rack that saves our customers up to 50% of the cost of a fireproofed steel pipe rack.

Our precast pipe rack design involves two steps: precast and erection. Like LEGO® blocks, our precast pieces fit together easily and effortlessly. They take 60% less time to erect than steel pipe racks and are far more robust and resilient to damage and corrosion.

PILE CAPS

Three Main Benefits of Pile Caps:

1. **Fast** - We can install up to 8 pile caps per day with no weather delays.
2. **Versatile** - We configure our designs to match your specifications—offsite.
3. **Accurate** - Our precision alignment ensures they are always in the right location.



BUILDINGS

The Ideal Building System



Precast Concrete Buildings
Pre-Engineered Metal Buildings
Steel Frame Buildings with Precast Cladding
Blast-Resistant Precast Buildings

We have the unique capability of designing and constructing buildings' shells entirely in-house. We detail the structure, fabricate the precast in our own plant, then erect the entire shell with our own workforce.

Our ability to do all of this gives us total control over the design and detailing, combined with immediate feedback on the cost and constructability of those details. This control and feedback mechanism has taught us that structural details have more impact on costs than any other factor. We know that good details balancing materials, fabrication, and erection considerations always achieve lower in-place costs.



BUILDING USES:

- Operators Shelters
- Control Rooms
- Motor Control Centers
- Warehouses
- Maintenance Shops
- Admin Offices
- Guard Houses
- Emergency Response Centers



DID YOU KNOW?

We are the only industrial design/build contractor with an in-house precast plant.

BLAST-RESISTANT PRECAST BUILDINGS

Built to **TAKE ON A BLAST**, not slide or flip.

Not built to win a fashion show, or a trendy widget award, we build **BLAST-RESISTANT PRECAST BUILDINGS** that are built to take real blasts in real life.

Blasts, explosions, projectiles, noise, earthquakes, hurricanes, and tornadoes—no problem. We build buildings that don't move, can withstand 16 hours of fire resistance, and last over 100 years.

We recommend you ask our BRM competitors what their fire rating is. (**Pro tip:** they don't have one.)

FIELD SERVICES

Save Time and Save Costs—The Alfred Miller Way



We are a *constructor* with over 70 years' experience. We focus on reducing man-hours—not piling on more. We offer a comprehensive array of Field Services utilizing our hallmark innovations and cost-savings methods to all jobs we touch.

- Industrial Coatings and Linings
- Concrete Repair
- Hazcom Labeling
- Grouting
- Concrete Flat Work
- Firestopping
- Fireproofing Repair
- Blast Upgrades
- Engineered Structural Repairs
- Shotcrete



**SAVE TIME.
SAVE COSTS.
SAVE
THE DAY!**

We utilize Lean Construction methods, technology and Advance Work Packaging (AWP) / Workface Planning to improve productivity, safety, and quality. Utilizing the Construction Industry Institute's AWP best practices, we are able to improve labor productivity by up to 25%, while cutting overall costs by up to 10%, along with World Class safety performance.



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