

A REALISTIC TIMELINE FOR INSTALLING A BLAST RESISTANT BUILDING



Speak with an expert who will discover exactly what kind of building will best meet your needs

OFF-SITE

(MANUFACTURER'S LOCATION)

becomes clear that a majority of the

CONCRETE CONCEPT

During the concept phase, it

building process will take

CONCRETE **DESIGN**

The building material is concrete,

restrictions.

rather than steel. Plus,

restricted due to

the overall height is

weight and shipping

place on-site.



DESIGN

Pre-engineered designs or customized buildings



BUILD

Offsite Build



INSTALLATION

Assembly of the building



OPERATION

Ensure that your building is safe and ready for your team





Concrete Build

ON-SITE

(CUSTOMER'S LOCATION)

NO DISRUPTION

NO DISRUPTION

PROCESS

VS.

Steel Build **PROCESS**

DAY 1

OFF-SITE (MANUFACTURER'S LOCATION)

has flex, making it best suited for blast protection,

for quicker

STEEL **DESIGN**

a pre-engineered design or develop a uniquely customized unit.

ON-SITE

(CUSTOMER'S LOCATION)

NO DISRUPTION

NO DISRUPTION

CONCRETE **BUILD** The concrete blocks will be constructed to be a modular piece together concept, but will be empty. This totally negates the

benefits of using true modular construction. The building is empty and very incomplete when it is shipped.

CONCRETE **OPERATION**

Exposure to the raw concrete, even with drywall on the walls makes the space echo when you speak.

The building is completed, yet you

are left feeling unsure of your

decision.

DISRUPTION BEGINS CONCRETE **INSTALLATION**

NO DISRUPTION

The installation process seems like an entire build, rather than an installation. Interior heights are low due to the thickness of the roof required to meet blast loads, leaving all the interior equipment (ductwork, electrical conduit runs,

····· **DAYS**

CONCRETE ACCESS CONTROL

Since the installation is complicated,

communication cables, etc.)

exterior roof of the building.

exposed. This requires an additional

step of applying insulation to the

there are a lot of workers on-site (about 10-12 rather than 2 or 3), meaning more people in hazardous areas, increasing risk.

STEEL CONCEPT You are asked pre-construction

questions to ensure your needs are met. You are advised to go with steel for your building material because it is stronger and and also allows

assembly on-site.

Once your project is understood, the contractor comes up with a design for your approval. You have the option to choose

DAYS

DAYS

STEEL BUILD Finishing and temporary assembly are completed offsite so that the team can do a walk-through. Once that is approved, the units are disassembled and the sections are shipped on trucks to be assembled on site.

NO DISRUPTION

STEEL INSTALLATION By the time these units are delivered, the electrical, plumbing, and commu-

nication components are hooked up and then the entire building is joined,

bolted, and sealed. It's almost like putting together a large Lego kit.

STEEL **OPERATION** There is a strong focus on customer satisfaction, to ensure that everything

has been delivered as promised. **PROJECT TIMES**

REDGUARD°

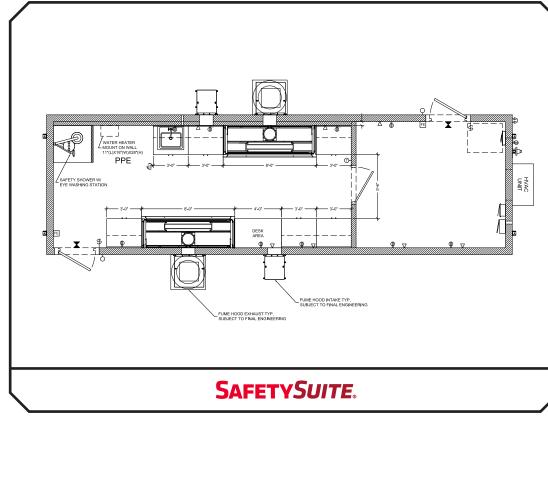
MAY VARY

Our Blast Resistant Buildings



Estimated Timelines

SMALL PROJECT





3-5 months for delivery

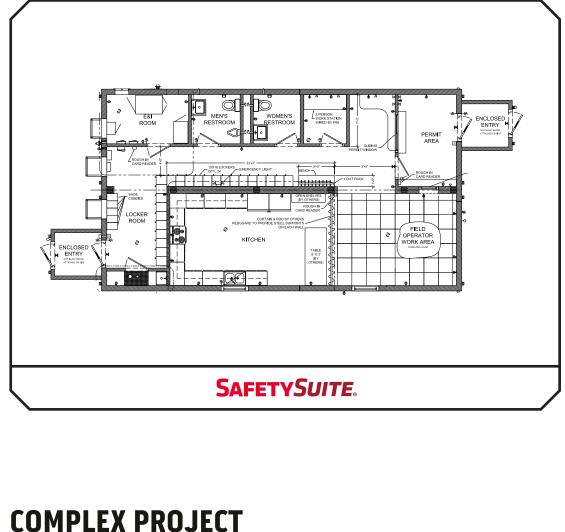


Less than 1 week on-site



No outside resources on-site

MEDIUM PROJECT



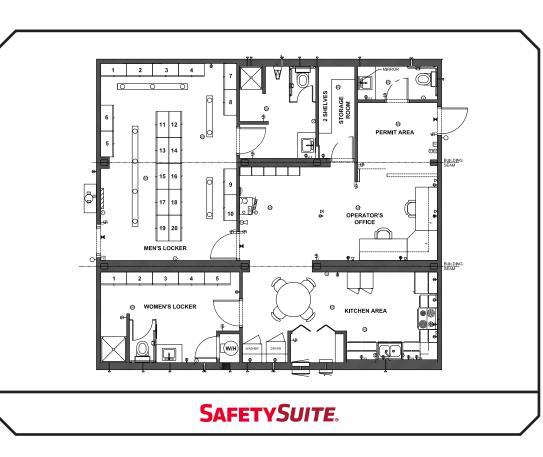


Up to 3 weeks for on-site installation

5-8 months for delivery



2-3 people on-site





1 month plus for on-site installation

6-10 months for delivery



2-4 people on-site