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## Only from **EASI-SET** Buildings:

Local Manufacturing. All Precast Concrete.

**Versatile • Durable • Fast • Economical • Secure** 



### **Our History**

EASI-SET Buildings were pioneered more than 40 years ago and have consistently demonstrated their adaptability, affordability, permanence, and sustainability.

Each one, from the smallest standard size to the maximum EASI-SPAN size, is manufactured with high-strength, steel-reinforced precast concrete, including the roof and floor systems which are pre-stressed or post-tensioned to provide extra strength and ensure water-tightness.

#### **Customers Speak**

"...excellent building design... blends with the residential character of the community. Both the Town and community are pleased with the completed building."

Patricia J. Knox

Project Mar., Town of Warrenton

"... provided maximum security for our equipment and required only minimum site preparation ... delivered on time, set quickly and correctly, and within just a few hours the building was ready..."

Gregory A Carter Building Engineer, AT&T

"The building looks great! Sequoia and his crew did a first class job on this one"..."I typically like to design steel structures, but I'll continue specifying your products when feasible".

Robert Smith, PE Civil Engineer – Facilities Engineering

# A Network of Local Licensed Producers

The EASI-SET network of licensed precast producers means that your buildings are manufactured and serviced by local companies, while you benefit from the consistency provided by a national brand.



## TOP 7 REASONS WHY

## **Our Customers Specify EASI-SET Buildings**

- 1. Pre-engineered with drawings & PE-stamped calculations
- 2. Costs less than comparable built-in-place construction.
- 3. Factory construction not affected by weather, trades coordination, or labor issues
- 4. Installed in hours, not weeks
- 5. Buildings are maintenance free
- 6. Specialized outfitting options available
- 7. Recognized national brand

### **Range of Sizes**

NO OTHER COMPANY in North America can match EASI-SET's full spectrum of pre-engineered sizes; ranging from the smallest and most versatile, plant-assembled —10' x 12' — to the ultra-large, on-site-assembled — 50' x 250'+.

#### **Green Friendly**

- Sustainable
- Incorporates local materials
- Uses recycled materials
- Less transportation costs
- Lean engineered/uses less concrete
- Contains reclaimable components

## No Poured Footings or Foundations Needed

EASI-SET Buildings can be installed on a level 4-6 inch layer of crushed stone.

EASI-SPAN Buildings can be installed using an engineered, compacted sub-base and floor system.

## Post-Tensioned Roofs and Floors, Better Than Our Competition

Patented second-generation, post-tensioning system applies internal pressure within the floor and roof panels using high-strength sheathed strands laid out in a circular pattern and cast into the concrete. Then they are mechanically stressed to 30,000 PSI, adding increased strength to the panels preventing cracking and water infiltration. Larger EASI-SPAN roofs are also pre-stressed. These extra steps create buildings with superior strength and weather-tightness.





EASI-SET Buildings can also be delivered without a floor and placed on a pre-poured concrete slab.



EASI-SPAN Buildings with clear-spans up to 50' wide.

# Easi-Set Precast Concrete Buildings Are the Standard for Efficiency and Versatility.

## EASI-SET Buildings: The Largest Selection of Standard and Custom Designs, Sizes, Finishes, Options and Applications

**Parks and Recreation** – Restrooms, Shelters, Concessions, Dugouts, Ticket Booths, Security Stations, Press Boxes, Field Houses, Locker/Shower Rooms, Offices, Visitor Centers, Animal Housing, Pool Facilities, Pump Houses, Electromechanical, Hazmat, Storage, Workshops, Maintenance Buildings.

**Schools** – Classrooms, Restrooms, Dugouts, Press Boxes, Concessions, Field Houses, Locker/Shower Rooms, Ticket Booths, Security Stations, Offices, Maintenance Buildings, Electrical-Mechanical, HazMat, Workshops, Pump Houses, Shelters, Storage.

**Water and Waste** – Pump House/Station, Lift Station, Well House, Meter Pit, Water Treatment, Headworks, Belt Filter Press, Blowers, Solids Processing, Boiler Building, Generator Building, HazMat Containment, Methanol Building, Hypochlorite Building, Chlorine Building, Odorant Control Building, Operations & Control Buildings, Offices, Restrooms, Laboratories, Maintenance Buildings, Equipment Shelters.

**EASI-SET** Buildings

**Utilities** - Power Plants, Sub-Stations, Battery & Generator Buildings, Solar & Wind Generation Buildings, Telecommunications Buildings, Laboratories, Process Analytical Shelters, Sensor Stations, Workshops, Equipment Shelters, Offices, Storage, Restrooms, Garage Enclosures.

**Energy** - Sub-Stations, Control Buildings, Oil and Gas (Field & Refinery Buildings), Process Analytical Shelter, SCADA Building, Sensor Stations, Gas Regulator, Laboratories, Equipment Shelters, Solar & Wind Generation Buildings, Battery & Generator Buildings, Offices, Workshops, Storage, Restrooms, HazMat Containment.

**Communications** – Data Centers, Communications Equipment Housing, Telecom Shelters, Fiber-Optic Regeneration, Cable Equipment Storage, Radio & TV Tower Buildings, Cell Tower Buildings, Remote Mountaintop Installations, Generator Buildings, Control Centers, Offices.



Communications Equipment Housing: Texas

**Transportation** – Equipment Shelters, Security Stations, Toll Booths, Communications Buildings, Control Buildings, Offices, Workshops, Electromechanical, Battery & Generator Buildings, HazMat, Storage, Restrooms.

**Military** – Communications Buildings, Ammunition Storage, Guard Houses, Security Stations, Training Facilities, Classrooms, Shooting Range, Observation Towers, Data Centers, High-Security Storage, HazMat Storage, Electromechanical, Garage & Maintenance Buildings, Operational HQ, Offices, Warehouses, Parks & Rec, Restrooms

**Secured Installations** – High-Security Storage, Data Centers, HazMat Storage, Ammunition Storage, High-Valued Equipment Shelters, Control Buildings, Generator Buildings, Communications Buildings, Security Stations, Airports & Train Stations, Remote ATM Structures, Laboratories, Storm Shelters, Flood Resistant Applications, Shooting Ranges, Observation Towers, Offices, Maintenance Buildings, Workshops.



Hazmat Storage: New York



Guard House: Florida



Military base climate controlled storage: Indiana



Wastewater Equipment Housing: Texas



Maintenance Workshop: New Jersey



Equipment Building: Ontario, Canada



Press Box: New Jersey



Well House, Virginia

#### **EASI-SET Buildings**

**EASI-SET** Buildings

#### **Problem Solved!**

"We have been extremely pleased... the answers and support I requested were provided...The design process was flexible and accurate...Delivery was on time with no problems...the product has exceeded our expectations."

> Therron Dieckmann Ottawa Recreation Commission

"The cost and time advantage over conventional masonry was exceptional. The turn-key method provided the project with a timely and cost effective solution."

> Randy Newton, Mgr of Const. Eng., Kvaerner Process

#### **Still Going Strong**

"Our EASI-SET pump house building has been in use for nearly 20 years and is as structurally sound and water-tight today as it was when originally delivered and set."



Buildings can easily accommodate existing equipment



### **Minimal Site Preparation**

Site Preparation for Buildings Up to 24' Wide

Install on a leveled 4-6 inch layer of crushed stone; no poured foundations or footings required.

#### **Standard Building Specifications**

Meets IBC (current version), ACI, and ANSI/ASCE requirements Patented in USA and Canada

- Exterior Dimensions: 10' x 12', 12' x 16', 12' x 20', custom sizes available
- Interior Height: 8', additional heights available
- 5,000 psi steel-reinforced concrete
- Standard double doors, 6'-0" x 6'-8" x 134", 18-gauge galvanized insulated steel, tamper-proof hinges, dead-bolt lock, adjustable mechanical door-hold-open arm, door stop & holder, rain guard
- Extruded aluminum threshold with integral neoprene seal
- 2 screened aluminum vents, minimum 7" x 18", 12.5 gauge
- Post-tensioned roof and floor, each by a single continuous tendon, creating radial compression in the roof and floor
- Tapered roof with prefabricated, architectural ribbed edge
- Exclusive turned-down roof with built-in drip edge; optional (See photo)
- · Roof load capacity: 60 psf standard; higher loadings available
- · Wind load: 165 mph standard; higher loadings available
- Floor load: 250 psf standard; additional capacities available
- Bullet tested to UL 752, Level 5 (7.62 NATO round fired at 15')
- Seismic design Category D; higher loadings available

#### **Hazmat** — Additional Specifications

Meets EPA Spill Containment requirements

- Non-corrosive, skid resistant clean-out floor grating available
- Extruded aluminum threshold
- 6'-0" x 6'-8" double steel doors with labeled 1.0 hour fire rating (higher ratings available)
- Larger secondary spill containment sump available



For specifications in an electronic format contact your local EASI-SET producer.

#### **Fast Installation Process**

**EASI-SET Precast Buildings are** easily transported and installed. Typically your installation can be completed in less than an hour.



Delivered to-site completely pre-assembled, including precast concrete roof and floor.







School Equipment Storage: Virginia

Easily installed at remote or restricted access locations: Connecticut

# The Only Ultra-Large CLEAR-SPAN, All-Precast Concrete Buildings on the market.





Vehicle Service Center: Virginia

#### **EASI-SPAN Additional Specifications**

(See standard specifications on page 7)

- Widths: 20', 24', 30', 40', and 50'
- Lengths: from 20' to 250'+ in multiples of 10'
- Heights 9' to 35'
- Horizontal precast roof and floor joints sealed water-tight with polymer concrete grouted keyways and longitudinal post-tensioning (Post-tensioning creates the equivalence of a monolithic two-way slab design)
- Field erected on EASI-SPAN precast concrete floor slabs or on customer's slab-on-grade, or delivered in pre-assembled "modules"

All sizes available through EASI-SET's network of licensed North American manufacturers. For specifications in an electronic format, contact your local EASI-SET producer.



### On-Site Installation Simple and Fast



**EASI-SPAN Buildings** 





Pump Building: Texas

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## Ultra Heavy-Duty Buildings For Your High Value Assets.

#### **EASI-SPAN Clear-Span Buildings**



Post-tensioned roof for greater strength.



**EASI-SPAN Buildings** 

Post-tensioned floor with step-down to ensure weather tightness.



Building "modules" can be delivered pre-assembled.

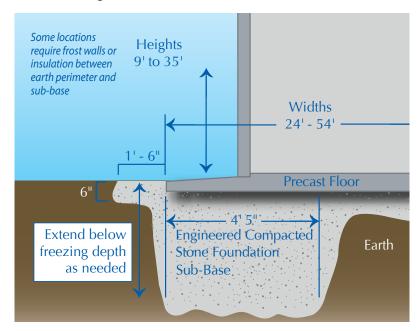


*Unobstructed 40' x 90' space allows room for large equipment.* 

#### **Selected Features**

EASI-SPAN Precast Buildings offer all of the benefits of standard EASI-SET Buildings, PLUS:

- *Ultra-large sizes:* Combine roofs with side panels of varying lengths to create buildings up to 250'+ long.
- Self-supporting clear-span roof: These modular precast concrete buildings are available with clear-span widths of 20′, 24′, 30′, 40′, and 50′ in 10′ sections.
- Expandable: The only precast building in the industry with the option to expand the length as needs change and still maintain the original monolithic structural roof.
- Composite Foundation: Patented, engineered, compacted sub-base and floor system for 30', 40', and 50' wide buildings.





Solids Processing Plant: Virginia (installed within existing structure)



Electrical Sub-Station: Nevada



Water Treatment Pump Station: Nevada

#### **Unlimited Applications**



Municipal Utilities Building: Maryland



Offices: Texas



Concession & Restrooms: Wisconsin



Storage: Texas



Control Building: Louisianna

## **EASI-SET RESTROOMS** are Easy to Install, Easy to Maintain, and Aesthetically Pleasing.

#### **EASI-SET Precast Restrooms**

#### **Selected Features**

EASI-SET Restrooms offer all the benefits of standard EASI-SET Buildings, plus these additional unique features:

#### Meets Current Codes

IBC, ADA, ANSI, U.S. Forest Service, and local building codes.

#### Components That Won't Rust

**Recessed Stainless Steel Weld Plates** on the restroom panel connections prevent the common occurrence of rust-through that plagues other manufacturers' buildings.



Window frames and fixtures that last. Stainless steel components that never rust and never need to be repainted.



Restrooms

#### **Standard Specifications**

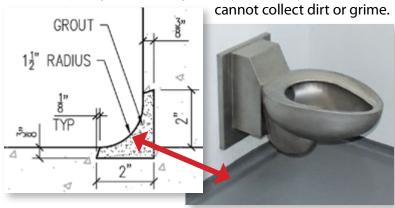
- · Meets IBC, ADA, ANSI & U.S. Forest Service
- FAN<sup>TM</sup> (Fresh Air Naturally) Ventilation Technology eliminates restroom odors
- Waste and vent piping: ABS or PVC plastic
- · Toilet, Urinal and Lavatories: Type 304 stainless steel or vitreous china
- Door or Wall Louvers (Vents): Fixed, non-vision, aluminum or cold-rolled steel with factory prime coat
- Windows: ¼" thick LEXAN polycarbonate with stainless steel frame

Additional products are available depending on the type of restroom and optional features.

Contact your local EASI-SET producer for more details.

#### • EASI-Clean® - No Wall-to-Floor Corners

Locked-in Grout Cove Detail. A two-inch reverse beveled recess connection at the wall-to-floor junction locks in the radius-shaped grout creating an easy-to-clean joint that



### Weather-Tight Modular Buildings

**Monolithic Technology**: On larger multi-user buildings, the standard practice of our competition is to use weld plates to connect the floor and roof sections of each unit together.

This method allows uneven settling over time, causing problems. By using post-tension strands running the full width of the building and grout keyways, we create a watertight 1-piece equivalent, monolithic structure.



#### **Installed in Hours for a Lifetime of Use**

EASI-SET Restrooms are designed to be placed on a crushed stone base that provides adequate support and drainage. Site requirements are attached to all specifications. Pre-assembled buildings can also be set on a poured-in-place slab, a containment vault or a crushed stone base with openings in the floor for "stub out" pipes or electrical conduit. Larger, site-assembled Restrooms are attached to the slab using expansion anchors.

Ask about our Tornado Alley Upgrade with heavier connections and reinforcing and Flood Plain Option with sealed vault and riser features.

#### **Wet & Dry Options**

All models can be outfitted with either water/sewer hook-up (Wet) or with a pump-out vault (Dry). Dry/Vault Restrooms feature the FAN™ natural ventilation system.



FAN™ (Fresh Air Naturally) Ventilation Technology



#### **Site Preparation & Installation**







Stainless steel fixtures shown

## Choices to Perfectly Suit Your Site, Soil, and Scenery.

#### **EASI-SET Precast Restrooms**



#### Outback™ Series:

#### Blue Ridge™

Single, flush/vault

#### Sierra™

Double, flush/vault

#### Hudson Bay™ Series: Logan™

· Single, flush/vault

#### Carson™

Double, flush/vault

#### **Unisex Series:**

#### Conrad™

• Single, flush

#### Morgan™

Double, flush

#### Essex™

Quadruple, flush

#### Skyline™ Series:

Skyline<sup>™</sup> 12x22

Multiple, flush

#### Skyline<sup>™</sup> 24x20

• Multiple, flush

#### Skyline<sup>™</sup> 20x30

Multiple, flush

#### **Concession/Restroom:**

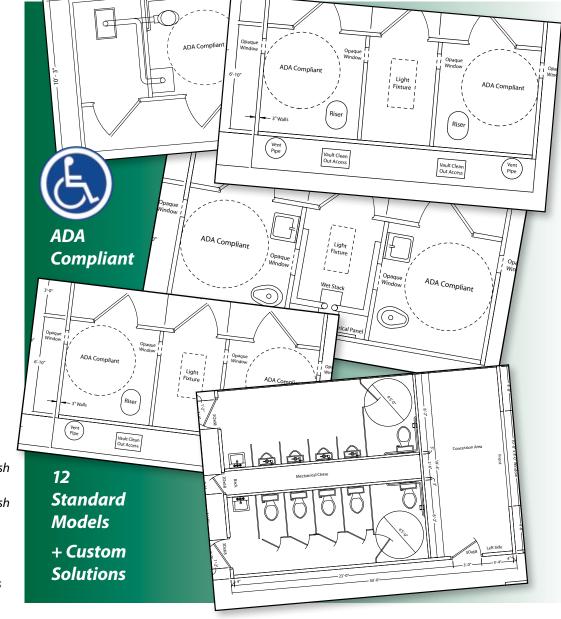
#### Appalachian™ 24x20

Multiple/Concession, flush

#### Appalachian™ 24x30

Multiple/Concession, flush

Models available in flush/ plumbed or vault/dry and single to multiple configurations. Concessions, storage, and shower versions are also available.



#### **Multiple Roof Styles**



City Park Restroom: Maryland



State Park Restrooms: California



Restrooms and Storage Building: Ohio



Concessions and Restrooms: Wisconsin



Restrooms: North Carolina

#### **Special Finishes**

Outback™

Series Roof

proprietary design

**Tapered Roof** 

from front to back,

with slight pitch

available on the

Skyline™ 12x22

Roof

available on the

Skyline<sup>™</sup> 24x20

EASI-SET's

In addition to the standard finishes shown on the back of this brochure, **EASI-SET** Restrooms are also available in custom finishes and colors.



State Park Restrooms: Ohio



Town Park Restroom: Pennsylvania



Multi-User Restrooms: Indiana



Concessions and Restrooms: New Jersey



Concessions and Restrooms: Pennsylvania

Visit EasiSetBuildings.com for all standard restroom models, floor plans and specifications. Custom models can be built to your specifications to satisfy unique requirements.

Restrooms





## Parks, Recreation & Schools

**Market Applications** 

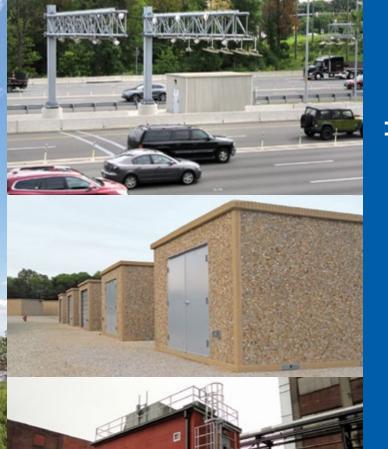
Restrooms • Concessions • Dugouts • Press Boxes • Ticket Booths • Security Stations • Field Houses Locker/Shower Rooms • Pool Facilities • Classrooms • Offices • Maintenance Buildings Workshops • Pump Houses • Electromechanical • Hazmat • Shelters • Storage & more

- One source for all your needs from a single restroom to an entire complex
- Choose from an array of finishes, textures & colors to blend into surroundings
  - Buildings can be outfitted to provide a complete "turn-key" installation

## **Water & Waste Infrastructure**

Pump Stations • Well Houses • Lift Stations • Headworks • Belt Filter Press • Blowers • SCADA • Boiler Solids Processing • Reverse Osmosis Water Treatment • Meter Pit • Methanol & Chemical Storage HazMat Containment • Generator Buildings • Operations and Control Buildings Restrooms • Labs • Offices • Maintenance Buildings • Equipment Shelters • Storage & more

- Easily engineered designs ranging from well houses to complete facilities
- Precast Buildings provide the security needed to house high-end equipment
- Benefit from industry's longest life-to-cost ratios & lowest maintenance costs



## **Utilities, Energy & Transportation**

**Market Applications** 

Electromechanical • Power Plants • Sub-Stations • Oil and Gas (Field & Refinery Buildings) • Laboratories Process Analytical Shelters • Sensor Stations • Solar & Wind Generation Buildings • Telecommunications Broadcast Tower Buildings • Municipal Infrastructure • Workshops • Battery & Generator Buildings • SCADA Buildings • Rail & Airport Solutions • Equipment Shelters • Offices • Storage • Restrooms & More

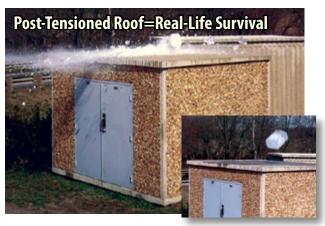
- Easi-Set offers a broader range of buildings than all other suppliers combined
- Pre-engineered sizes from small storage buildings to ultra-large sub-stations
- Buildings up to 35-feet high, 250+ feet long, with clear-spans up to 50-feet wide

## **Secured Installations**

Military Installations • Ammunition Depots • Data Centers • Communications Buildings • Security Stations
Airports & Train Stations • Storm Shelters • High-Security Storage • Garage & Maintenance Buildings
Level 5 Ballistics Threats • HazMat Storage • Federal, State & Municipal Installations • Remote ATM Structures
Flood Resistant Applications • Shooting Ranges • Observation Towers • Offices • Warehouses & more

- Our buildings are resistant to all manner of threat from nature or human
  - Tamper proof & disaster resistant, ideal for remote locations
- From hazmat to high-security storage, only Easi-Set has the full capabilities

## Easi-Set Buildings are Virtually Indestructible...





Buildings remain intact after the impact of mature oak tree (above) or fallen heavy machinery (right).



Crane toppled on building roof

Post-tensioned roof design withstands the impact of a 100-pound block of ice dropped from 200 feet without any internal or external damage (above). No ice guard required!

### Rugged and Resistant to...

- Vandalism: steel-reinforced precast concrete, tamperproof hinges, dead-bolt locks and steel doors.
- Hurricanes and severe weather: weather-tight standard buildings withstand wind loads up to 165 mph wind loads. Higher load designs are available.
- Fire: standard building fire rating is 45 minutes
- Earthquakes: seismic design up to category E
- Bullets: Tested to UL 752, Level 5
- Petrochemical blasts: designs available

### Standard and Custom Finishes











EASI-Brick™

Broom

Custom

Additional finishes and colors are available to closely match our Buildings to any surrounding structures near your building installation site. Colors and textures of natural materials may vary by region. Anti-grafitti coatings are available.

MANUFACTURED throughout the USA & Canada by a local Easi-Set Licensed Producers near you:



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(800) 547-4045 · www.EasiSetBuildings.com