



LEGACY
BUILDING SOLUTIONS



OIL + GAS
APPLICATIONS



RIGID-FRAME TENSION FABRIC STRUCTURES

**YOUR SOLUTION FOR OIL
AND GAS OPERATIONS**

CUSTOM ENGINEERED TENSION FABRIC STRUCTURES

Legacy Building Solutions combined the proven engineering, design flexibility and durability of structural steel buildings with all of the advantages of fabric structures. And with custom engineering, we can provide a building solution that is fully optimized to meet each application and unique requirement – all with a shorter construction time than other pre-engineered building types.

Due to our patented fabric attachment system, our tension fabric structures last longer than other fabric buildings on the market. While our buildings are designed and manufactured for permanence, they can be moved from one location to another. Our own installation crews assemble the structure quickly; likewise they can be uninstalled and re-purposed in many ways. The rapidly changing nature of the oil and gas industry demands quality structures that can adjust to the needs of the organization.

Legacy uses proven engineering methods that withstand the test of time and environmental conditions, while adhering to local building codes all over the world. That's why our fabric structures outlast wind, rain and seismic movement in locations around the globe.

► FABRIC APPLICATIONS FOR OIL + GAS OPERATIONS

VEHICLE STORAGE	DEWATERING FACILITY	EQUIPMENT STAGING
FRAC SAND STORAGE	PROCESSING FACILITY	MAINTENANCE BUILDING
OFFICES	CAFETERIA	BULK STORAGE

THE LEGACY ADVANTAGE



Customizable **DESIGN**

- 100% in-house design and engineering services
- Clearspan widths of 300+ feet, peak height and slope to meet specifications
- Designed to make your operation more efficient
- Solid steel I-beams allow for hanging loads from conveyors, catwalks, shelving and cranes



Maximize **ROI**

- ExxoTec™ fabric allows natural light and installs faster
- EpoxxiShield™ steel finish for corrosion protection and professional appearance
- Built as permanent but portable as needed without loss of quality
- Nearly maintenance free
- Protect assets, equipment and inventory



Proven **ENGINEERING**

- Meets or exceeds building code requirements
- Adaptable to many different foundation types
- Solid steel I-beams for flexibility of design
- ISO 9001 accredited manufacturing facility



Full-Service **INSTALL**

- Fabric installed in a fraction of the time of traditional construction options
- Fast track installation for faster ROI
- Bonded and insured
- Worldwide installation services
- Designed for faster and safer installation
- Safety specifications: OSHA and MSHA



Natural **LIGHT**

- Fabric membrane provides an abundance of natural light
- Uninsulated fabric has up to 12% translucency
- Flame-retardant building material
- Consistently reported energy cost savings
- Ideal for off-grid use



NORTH DAKOTA LIQUEFIED NATURAL GAS PROCESSING

TIOGA, NORTH DAKOTA

6,860 SQ FT

- 98 ft x 70 ft structure for liquefied natural gas processing
- Worked with customer and equipment manufacturers to provide proper clearances in a restrictive site and footprint
- 18-in closed-soffit eaves for ventilation control
- Three 16 ft x 16 ft steel coil manual chain hoist overhead doors; four service doors
- Supplied ventilation and lights certified for Class 1 Division 2 Hazardous Environments
- Haunch purlins support 30 lb/ft² sprinkler system
- 35-lb ground snow load, 90 mph wind load, fully exposed, standard occupancy
- Legacy designed and installed foundation



INTERNATIONAL ENERGY COMPANY

NEW TOWN + DUNN CENTER, NORTH DAKOTA

10,000 TOTAL SQ FT

- Two 50 ft x 100 ft structures for sand and drum storage
- Hot dip galvanized frames
- Sand storage structure has one end wall with aluminum louvers on opposite open end
- Drum storage building has one end wall with aluminum louvers and one end wall with 14 ft x 14 ft lift door and walk door
- Buildings are engineered for 35-lb snow load, 90 mph wind and low hazard
- Installed over existing 6-ft tall concrete walls, atop foundations by others





MULLINAX COAL

SHERIDAN, WYOMING

26,000 SQ FT

- 120 ft x 220 ft coal storage building
- Gray primed steel frames and white and gray flame-retardant fabric cladding
- Includes penetrations for vehicle and conveyor pass-through
- Includes 1-ft overhang for ventilation
- Engineered for 90 mph winds, 30-lb snow load and standard occupancy
- Installed atop a customer-supplied foundation
- Legacy adhered to tight manufacturing and installation timelines



MONTEZUMA MANUFACTURING

MONTEZUMA, IOWA

9,600 SQ FT

- 80 ft x 120 ft warehouse for an automotive manufacturing company
- Gray primed steel frames
- 20-ft straight sidewalls and with a 36-ft peak
- Straight sidewalls allow for a 14 ft x 16 ft sidewall door, with a connection corridor to existing building
- Four endwall mesh vents and four peak roof vents for ventilation
- 90 mph windspeed, 25-lb snow load, standard occupancy





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