



**PUBLIC
WORKS**



RIGID-FRAME TENSION FABRIC BUILDINGS

**SUPERIOR QUALITY
+ FULL CONSTRUCTION
ON YOUR TIMELINE**

CUSTOM ENGINEERED TENSION FABRIC STRUCTURES

Legacy Building Solutions provides unparalleled innovation and engineering of rigid steel frame buildings with the immediate and long-term cost benefits of a naturally lit building. Covered with the highest-quality engineered fabric on the market, your building will last a lifetime, even in the toughest of conditions. Corrosion, wind, snow; we will beat them all.

We use proven engineering methods that have withstood the test of time. Because of this, we proudly offer you the strongest building on the market today. Our experienced installation crews and expedited design and construction processes allow you to maximize your return on investment with your custom fabric building solution. Our fast track installation process allows building completion on your timeline.

► FABRIC APPLICATIONS

PUBLIC WORKS	WASTE/CAKE DEWATERING STORAGE	WASTE RECYCLE BIO ENERGY	SLUDGE RECOVERY	SAND, SALT & DEICING
VEHICLE MAINTENANCE & WASHBAYS	BUS BARNs	MAINTENANCE GARAGES	ANAEROBIC DIGESTION PLANT/FACILITY	SOLID WASTE ANAEROBIC DIGESTION
SLUDGE	TRANSFER STATION	MRF (MATERIAL RECOVERY FACILITY)	SETTLING TANK COVERS	ULTRAVIOLET PROTECTION BASIN
ANTI-SKID	COMPOST PRODUCTION FACILITIES	OFFLOAD/UNLOAD ENCLOSURE	MIXING STATION	SETTLING TANK COVER

THE LEGACY ADVANTAGE



Lower Life **CYCLE COSTS**

- EpoxiShield™ steel finish for corrosion protection and professional finish
- ExxoTec™ fabric allows natural light and installs faster
- Built as permanent but portable as needed
- Complete service after the sale



Natural **LIGHT**

- Fabric membrane provides an abundance of natural light
- Uninsulated building has up to 12% translucency
- Consistently reported energy cost savings
- Enjoyable natural environment



Customizable **DESIGN**

- Clearspan widths of 300+ feet, peak height and slope to meet specifications
- Solid steel I-beams allow for hanging loads from conveyors, catwalks, shelving and cranes
- Weather-tight seal and a dry, usable building envelope
- No protrusions to allow moisture in; no chance of rust
- Flexible design allows utilization of effective and efficient precast wall arrangements



Proven **ENGINEERING**

- Meets or exceeds code requirements
- Multiple foundation options available
- Fabric attached to each steel frame
- In-house design and engineering services
- ISO 9001 accredited manufacturing facility



Full-Service **INSTALL**

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



WASTEWATER TREATMENT BIOSOLIDS STORAGE FACILITY

CHILLICOTHE, OH

6,550 SQ FT

- Building size: 65.5' x 100'
- Hot dip galvanized steel frame with 15 oz. flame-retardant fabric
- Frames and purlins support conveyor weight
- 1.5 foot overhangs with mesh soffit ventilation
- Pier foundation installed by others
- Designed with sealed attachment to an existing brick structure
- Installed by Legacy crews under strict correctional facility security
- Meets OBC 11/IBC 09, NFPA 701 Code, wind exposure C, seismic zone B, partially enclosed, fully exposed, standard occupancy



WASTEWATER TREATMENT PLANT

REGIONAL WATER RESOURCE AGENCY
DAVIESS COUNTY, KY

15,232 SQ FT

- Building size: 136' x 112'
- Hot dip galvanized solid steel frame
- Flame-retardant polyethylene fabric roof + gables
- 4' eave extensions along sidewalls
- Aluminum roof vents for peak exhaust
- Installed over existing settlement tanks
- Pavilion-style building with 12' open sidewalls on all four sides
- Icebreakers installed along sidewalls
- 15 psf ground snow load, 20 psf live snow load, 115 mph windspeed, wind exposure C, seismic zone D, fully exposed, normal occupancy





LEE COUNTY ASH MONOFILL + COMPOST FACILITY

FELDA, FL

19,440 SQ FT

- Three buildings – each 162' x 120'
- Trusses support 380 lb. total fan weight
- Four RV-3000 ridge vents
- Built on concrete pier CIP foundation
- All steel members hot dip galvanized
- 28 oz. PVC-PVDF fire-rated fabric
- 150 mph windspeed, seismic zone A, standard hazard



RESERVE ROAD SALT STORAGE

BETHEL PARK, PA

11,700 SQ FT

- Building size: 45' x 260'
- HDG steel frames
- White flame-retardant fabric
- 18" eave extensions with mesh soffit ventilation
- 6 ARV 2000 roof ventilators
- 24' straight interior sidewall clearance on 10' cast-in-place walls
- Solid rod cross bracing
- 5" x 6" gutters and icebreakers
- 25 psf ground snow load, 90 mph windspeed, wind exposure C, seismic B, enclosed, fully exposed





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HEADQUARTERS

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