

**FSRC TANKS, INC.**

**Designer and  
Manufacturer:**

Tank Connection Affiliate Group  
Parsons, Kansas

Supplier: FSRC Tanks, Inc.  
11029 Industrial Parkway N.W.  
Navarre, OH 44612

**Product Name:**

Ag-Tank

**Drawings and  
Installation  
Manual:**

FSRC Tanks, Inc. will provide a design and drawings for a storage tank that is specific to the client's need for storage volume and site conditions. These structural detail drawings must be included in a site plan prepared and approved by others.

An installation manual will be available for viewing on the site.

FSRC Tanks, Inc. will be assuming all responsibility for the compliance of the Ag-Tank with the structural and foundation requirements of NRCS Standard 313. The following statement on the cover sheet of each submittal package will be sufficient to document the certification of the Ag-Tank design, along with the stamp of the Tank Connection Affiliate Group engineer licensed in Wisconsin:

“The design in this submittal package complies with the Wisconsin NRCS Waste Storage Facility Standard (Code 313) criteria for fabricated structures, including foundations, liquid tightness, structural loadings, structural design, and slabs on grade.”

**Materials:**

The structure shell consists of bolted steel sheets, Rolled Tapered Panel (RTP) Design with LIQ Fusion 7000 Interior Coating.

Footing walls and floor are to be a minimum 3500 psi concrete in accordance with Wisconsin Construction Specification 4, Concrete.

Cathodic protection is not required.

Foundation sheets have an adhesive backed hydrophilic sealant strip provided as a secondary seal from the ring to concrete floor. This sealant may also be used for sealing pipe penetrations through the concrete floor.

**Design Assumptions:**

1. The steel shell design complies with all criteria for loadings as stated in Standard 313.
2. The tank may also be provided with a roof.
3. The final concrete floor slab reinforcement will be determined by the designer based on the tank diameter to be constructed. Most slabs will be reinforced to allow a monolithic pour.
4. The soil bearing capacity is a minimum of 2500 psf or the bearing strength required in the design. The site's bearing capacity will be determined by an engineer from, or retained by FSRC.

**Construction Certification:**

The Tank Connection Affiliate Group licensed engineer who certified the design will also certify that the completed installation meets the manufacturer's plans and specifications, based on the certification of the trained dealer who performed the installation. The following statement will suffice to document the certification of the Ag-Tank installation, along with the stamp of the Wisconsin licensed engineer:

“To the best of my professional knowledge, judgment, and belief, the storage tank has been installed in accordance with the construction drawings and specifications and meets the NRCS Waste Storage Facility Standard (Code 313) criteria for fabricated structures and is in compliance with Wisconsin NRCS Specification 4, Concrete.”

**NRCS Review and Approval:**

The NRCS State Conservation Engineer in Illinois reviewed submittals by FSRC, Inc. and accepted the “one-at-a-time” business design model employed by FSRC, Inc. in a letter dated December 18, 2013.

The State Conservation Engineer in Wisconsin concurs in the use of this procedure and provided an acceptance letter to FSRC, Inc. dated February 21, 2014.