



American Furniture Manholes

Webster, Texas, USA



Contractor
RL Utilities

Engineers
BOWMAN CONSULTING

Precast Supplier
ROCK SOLID PRECAST

Products
XYPEX BIO-SAN C500

Project Type
MANHOLES – SANITARY & STORMWATER MANHOLES



A new American Furniture and Mattress warehouse was built in Webster, Texas, requiring the installation of sanitary and storm water manholes and a catch basin.

The design team was looking for corrosion protection for the manholes and chose Xypex Bio-San C500 over the alternate antimicrobial admixture. Xypex Bio-San C500 was chosen because it provides the precast sewage elements with protection against microbial induced corrosion and aggressive chemicals, as well as waterproofing and crack healing properties. The precast manufacturer reported that there were no operational or fabrication issues associated with including Xypex Bio-San C500 in the wet cast mix.



The distinct colour of Bio-San C500 treated concrete facilitates the identification at the plant or on site as shown in the photos for this project.