



New Christian Activities Center Stormwater System Boulevard Baptist Church

An underground stormwater detention system, unique at the time in the City of Anderson, was designed and implemented in which underground storage was utilized to eliminate the need for aboveground detention areas.

Scope:

- The underground stormwater detention system utilized 42-inch diameter aluminized-steel corrugated metal pipe, which run the entire length of the building on both sides and one end
- The system provides approximately 6,500 cubic feet of stormwater storage
- Discharge is controlled by a small diameter orifice to handle flows up to the 25 year return frequency storm and an over flow weir for excessive storm events
- Stormwater enters the system through yard outlet placed in the landscaped area to capture runoff from the building roof, sidewalks, service drives, and other impervious areas

The Project: Entire Project
Preliminary Engineering Report
Preliminary Design
Field Location Survey
Final Design
Construction Services

Contract Value: \$3,300,000

Contract Period:

Principal Contractor: Two State Construction Co., Inc.



STORMWATER



DESIGN SOUTH
PROFESSIONALS, INC.
engineers architects planners