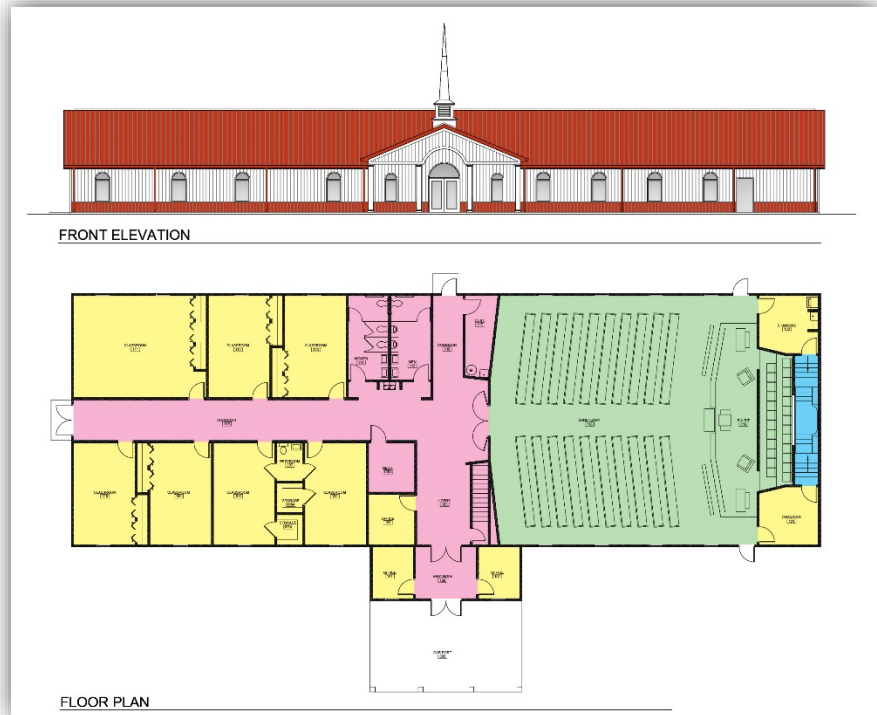


## Bonser Run Christian Baptist Church

*New Church Facility – Portsmouth, Ohio*

**Owner:** Bonser Run Christian Baptist Church  
**Contact:** Jack Strickland  
**Phone:** 740.858.8162  
**Email:** [jackmary48@gmail.com](mailto:jackmary48@gmail.com)  
**Building Area:** 7,400 s.f.  
**Construction Cost:** \$300,000  
**Project Status:** Under Construction

**Project Description:** A new church facility built adjacent to existing deteriorated structure. The new sanctuary will seat 150 and classrooms can occupy up to 100. Project had a tight budget, therefore building type and components were selected to accommodate available funds.



### Engineering Highlights:

#### Electrical / Systems:

A new electrical service was designed to enter the new facility, then sub-feed the existing adjacent fellowship hall. This will allow the congregation to utilize the existing hall after the existing deteriorated sanctuary is demolished. Electrical and technology were designed to accommodate lighting controls and sound systems at the pulpit and baptistery.

#### HVAC:

The HVAC System is a series of 93% AFUE DX-Split Systems for proper zoning and comfortability without the cost of a facility wide control system. Interior Air Handling Units reside in an easily assessable mechanical room at the back of the facility, adjacent to the outdoor heat pump units.

#### Plumbing:

The domestic water system is type-'L' copper that is insulated and installed in PVC conduit below the concrete floor slab. This provides a cost effective replacement should there ever be a line break in the future. To save on utility costs of heating the baptistery water, an instantaneous water heater was installed so a baptism could take place quickly without chemically treating the water.