



Teacher Education and Technology Center at Salisbury University

Salisbury, Maryland

Project Team

- Owner: The University of Maryland
- Architect: Ayers/Saint/Gross
- Structural: Hope Furrer Associates, Inc
- Electrical: Paulco Engineering, Inc.
- General Contractor: Holder Construction Company
- Mechanical & Plumbing: Mueller Assoc.
- Civil: Constellation Design Group



Project Overview

- Three Story Higher Education Building
- 165,00 square feet
- Overall Project Cost: \$48 million
- Under construction from July 2006 until October 2008
- Project Delivery Method: Construction Management at Risk
- Project Developed for Extensive Number of New Teachers Projected Due to Regional Population Growth

Architectural

- Brick and Pre-cast Concrete Panel Exterior Facade
- Curved Corner Links Two Buildings and Provides Study Space
- Lab, Classroom, Technology, and Office Space
- Standing Seam Metal Roof

Structural

- Braced Structural Steel Frame on Concrete Piers
- Auger Cast Grout Piles with 55 Ton Capacity
- Pile Caps Ranging in Depth from 36"-46"
- Structural Lightweight Concrete Composite Slabs on Metal Decking
- Steel Deck Roof w/ Insulation Board/ High Temp. Water Proofing



Electrical/Lighting

- 4000 amp, 480Y/277V, 3 PH, 4 Wire Main Service
- 3000 kW Emergency Generator
- 24 Transformers Ranging from 9 to 112.5 KVA
- Fluorescent, Incandescent, & HID Lighting: Both 277/120

Systems

Mechanical

- (2) 350 Ton Chillers with (1) Cooling Towers Each
- (8) Various Sized Attic AHU's
- (2) 3000 MBH Boilers



Joshua Thompson

Construction Management

www.arche.psu/thesis/eportfolios/current/portfolios/jrt190