



Goldsboro, NC
(919) 778-9064

Design Portfolio



Design Services:

Plumbing, Mechanical, Electrical (PME) Design
Outdoor Lighting Design
Integrated System Design
Op-Cost Analysis (PME Systems)
Construction Budget Estimating
Arc Flash Calculations
AutoCAD & Revit

Owners & Operators:

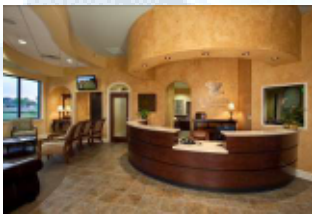
Benny Rollins, PE LEED AP (brollins@entech-pme.com)
Rod Brown, (rbrown@entech-pme.com)
Derrick Ham, PE, (dham@entech-pme.com)

EnTech is a design engineering firm founded in 1995 with a primary focus on building design. The owners, who originated from the PME construction industry, recognize the importance of the team and understand how to apply this philosophy to the planning, design and construction phases. We distinguish ourselves by practical & innovative solutions that most projects can utilize to get the best building value.

Complementing our experience in the team build approach is a diverse level of experience gained while providing designs for a wide spectrum of project types. These include, but are not limited to; private offices, churches, special use facilities, industrial/manufacturing and large multi-use facilities.

EnTech's extraordinary design staff truly exemplifies being a team member by providing strong and complete designs, yet being flexible and open to the ideas of the entire team. Teamed with creative architects, informed owners and high quality contractors, we strive to be a first quality team member. This assures successful projects while providing us repeat clients and recommendations for future work.

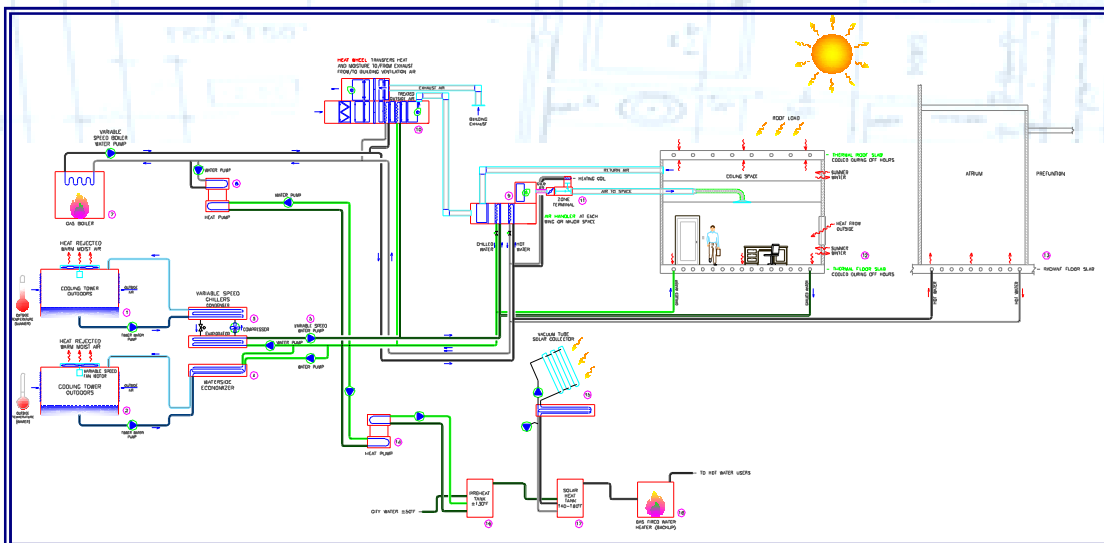
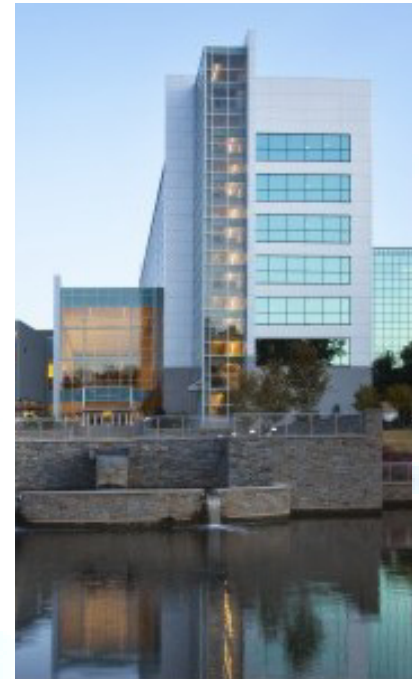
Our vast array of design project types include:



- ❖ LEED Projects
- ❖ Medical Offices
- ❖ Dental Offices
- ❖ Veterinary Clinics and Animal Hospitals
- ❖ Fire Stations and EMS Facilities
- ❖ Churches & Religious Facilities
- ❖ Office & Administrative Buildings
- ❖ Educational Facilities
- ❖ Community Facilities
- ❖ Municipal Facilities
- ❖ Retail Centers & Flex Space
- ❖ Servicing, Manufacturing and Warehouse Facilities
- ❖ Food Service – Restaurants, Kitchens & Dining Facilities
- ❖ Banking & Data Centers
- ❖ Various Renovations
- ❖ Housing & Living Facilities
- ❖ Outdoor Lighting – Building, Parking, Area & Street
- ❖ Solar Roof Top Systems and Solar Field Design

Design Projects: LEED Projects

- ❖ SAS Office Building & Executive Briefing Center – Cary, NC (Platinum)
- ❖ Cherry Point Air Station EMS/Fire Facility – Havelock, NC (Gold)
- ❖ NCSU Facilities Operations Support Spaces – Raleigh, NC (Gold)
- ❖ HH Office Building – Raleigh, NC
- ❖ RDU Office Building No. 3 – Raleigh Durham Airport
- ❖ Annie Louise Wilkerson Nature Preserve – Raleigh, NC
- ❖ Chatham Health Sciences – Pittsboro, NC



Excellence in Team Design

Design Projects: Medical Offices

- ❖ Apex Medical – Apex, NC
- ❖ Azalea Skin Treatment Center – Garner, NC
- ❖ Blue Ridge OB/GYN North – Raleigh, NC
- ❖ Ed Drive Medical Office – Raleigh, NC
- ❖ Knightdale Medical Shell & Fit-ups – Knightdale, NC
 - Knightdale Family Practice
 - Quest Diagnostics
 - The Vein Care
 - Wake Heart & Vascular Associations
- ❖ McGregor Medical Shell & Fit-ups – Cary, NC
 - McGregor Labs
 - Cary Women's Center
 - Medical Sleep Center
 - Spectrum Labs
 - Surgical Specialist
 - Wake Nephrology
 - NC Urological
- ❖ Premier Cardiovascular – Raleigh, NC
- ❖ Sunshine Pediatrics - Smithfield, NC
- ❖ SAS Medical Building - Cary, NC
- ❖ Southeastern Medical Oncology - Goldsboro, NC
- ❖ Southeastern Medical Oncology - Jacksonville, NC
- ❖ Southeastern Medical Oncology - Wilson, NC
- ❖ Southeastern Medical Oncology Addition – Clinton, NC



Design Projects: Dental Offices

- ❖ CCCC Health Sciences Dental Lab – Sanford, NC
- ❖ Dr. Barson Dentist Office – Goldsboro, NC
- ❖ Dr. LaFevers Dental Office – Goldsboro, NC
- ❖ Dr. Vidyarthi Dentist Office – Durham, NC
- ❖ Duckworth Dentist Office – Raleigh, NC
- ❖ Zaytoun Orthodontics – Raleigh, NC



Design Projects: Veterinary Clinics & Animal Hospitals

- ❖ Avian & Exotic Animal Care – Raleigh, NC
- ❖ Brandywine Veterinary Hospital – Wilson, NC
- ❖ Brunswick Forest Veterinary Hospital – Leland, NC
- ❖ Canyon Ranch Animal Hospital & Resort – Johnston Co, NC
- ❖ Carpenter Animal Hospital – Cary, NC
- ❖ CCCC Vet Tech Building – Sanford, NC
- ❖ Dogwood Veterinary Hospital & Resort – Chatham Co, NC
- ❖ Shiloh Animal Hospital – Morrisville, NC
- ❖ Southpoint Animal Hospital – Durham, NC
- ❖ Spring Creek Animal Hospital – Goldsboro, NC
- ❖ Veterinary Specialty Hospital (VSH) – Durham, NC
- ❖ Thomasville Veterinary Hospital – Thomasville, NC



Excellence in Team Design

Design Projects: Fire Stations & EMS Facilities

- ❖ Anderson Creek EMS – Spring Lake, NC
- ❖ Arlington Volunteer Fire & Rescue – Jonesville, NC
- ❖ Cherry Point Air Station EMS/Fire Facility – Havelock, NC
- ❖ Champion Volunteer Fire Department – Wilkesboro, NC
- ❖ Eli Whitney Volunteer Fire Department – Alamance Co, NC
- ❖ Lake Norman Fire Department / EMS – Lake Norman, NC
- ❖ Meat Camp Volunteer Fire Department – Boone, NC
- ❖ Mount Mourne Volunteer Fire Department – Mooresville, NC
- ❖ Navassa Volunteer Fire Department – Leland, NC
- ❖ NW Harnett Volunteer Fire Department – Harnett Co, NC
- ❖ St. James Fire Department – Brunswick Co, NC
- ❖ St. Stephens Fire Department – Conover, NC
- ❖ Youngsville Volunteer Fire Department – Youngsville, NC



Design Projects: Churches & Religious Facilities

- ❖ Bethlehem Baptist Church – Raleigh, NC
- ❖ Church of God of Prophecy – Raleigh, NC
- ❖ Cornerstone Church – Cary, NC
- ❖ Crosspointe Church – Cary, NC
- ❖ Crossroads PFWB Church – Broadway, NC
- ❖ Davie St. Presbyterian Church – Raleigh, NC
- ❖ Fellowship Baptist Church – Willow Springs, NC
- ❖ Legacy Center for Greystone Baptist Church – Durham, NC
- ❖ Hope Chapel Church – Apex, NC
- ❖ Highest Praise Tabernacle – Wayne Co, NC
- ❖ Mount Zion Missionary Baptist Church - Cary, NC
- ❖ Next Generation Discipleship Center – Apex, NC
- ❖ North Raleigh Church Sanctuary Building - Raleigh, NC
- ❖ Raleigh Christian Center – Raleigh, NC
- ❖ Triangle Community Church - Apex, NC



Design Projects: Office & Administrative Buildings

- ❖ Alexander Office Park Medical Office - Raleigh, NC
- ❖ Andy's (Hwy 55) Corporate Headquarters & Distribution Center – Mount Olive, NC
- ❖ GE SCO Office Building – Castle Hayne, NC
- ❖ Hackney Agency Office – Wilson, NC
- ❖ Mayne Pharma Visitor Center – Greenville, NC
- ❖ Regional Acceptance Executive Office Building – Greenville, NC
- ❖ Resers Fine Foods Administration Office Building – Roanoke Rapids, NC
- ❖ SAS Office Building & Executive Briefing Center – Cary, NC
- ❖ SAS Building U Office Building – Cary, NC
- ❖ Westbrook Building – Cary, NC



Design Projects: Community Facilities

- ❖ Annie Louise Wilkerson Nature Preserve – Raleigh, NC
- ❖ Chatham County Agricultural Center - Pittsboro, NC
- ❖ Hill Street Park – Raleigh, NC
- ❖ Marsh Creek Community Center – Raleigh, NC
- ❖ Maxwell Reginal Agricultural & Convention Center – Goldsboro, NC
- ❖ Millbrook Senior Center – Raleigh, NC
- ❖ W.A. Foster Community Center – Goldsboro, NC
- ❖ Whitaker Mill Senior Center – Raleigh, NC



Design Projects: Educational Facilities

- ❖ CCCC Health Sciences Building – Sanford, NC
- ❖ CCCC Vet Tech Building – Sanford, NC
- ❖ Griffin Hall Renovation – Elizabeth City State University
- ❖ General Classroom Building – Fayetteville Tech Comm. College
- ❖ Holton Career & Resource Center – Durham, NC
- ❖ University of Mt. Olive Dorms – Mt. Olive, NC
- ❖ Pitt Co Memorial Hospital Wellness Center – Ahoskie, NC
- ❖ Technology Building – Wayne Community College
- ❖ WCC Nursing Sim Lab – Goldsboro, NC
- ❖ Wood's Charter School (K-12) – Chatham Co, NC



Design Projects: Municipal Facilities

- ❖ DMV-SHP Facility – New Bern, NC
- ❖ Goldsboro City Hall Annex – Goldsboro, NC
- ❖ Original Goldsboro City Hall Renovation – Goldsboro, NC
- ❖ Wayne County Jeffery's Building (Emergency Operation Center) – Goldsboro, NC
- ❖ Jones County Courthouse Renovation – Trenton, NC
- ❖ Walnut Creek Municipal Building - Walnut Creek Village, NC
- ❖ Original Wayne County Courthouse Restoration – Goldsboro, NC



Design Projects: Retail Centers & Flex Space

- ❖ Arlington Crossing – Greenville, NC
- ❖ Cleveland Emporium - Clayton, NC
- ❖ Dollar General Stores – (various cities in NC)
- ❖ Durant Station – Raleigh, NC
- ❖ Elkins Mitsubishi Dealership – Raleigh, NC
- ❖ Fairview Garden Center - Raleigh, NC
- ❖ Kenly I-95 Truck Stop – Kenly, NC
- ❖ Norris Park Shell & Fit-ups – Apex, NC
- ❖ Triangle Shooting Academy – Raleigh, NC



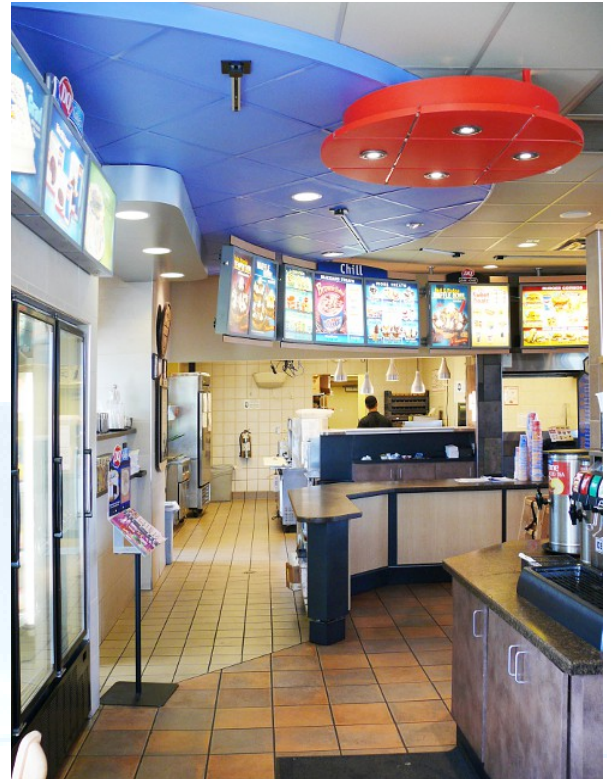
Design Projects: Service, Manufacturing & Warehouse Facilities

- ❖ Ditch Witch Addition & Renovation – Garner, NC
- ❖ GE FMO Building Chiller – Caste Hayne, NC
- ❖ GE Global Nuclear Fuels EMS Building Addition - Caste Hayne, NC
- ❖ Gregory Poole Truck Service – Mebane, Raleigh, NC
- ❖ K-Flex Warehouse (160,000 sf) – Youngsville, NC
- ❖ Mayne Pharma Warehouse Addition – Greenville, NC
- ❖ NCSU Facilities Operation Support Spaces – Raleigh, NC
- ❖ Resers Fine Foods Tortilla Plant – Roanoke Rapids, NC
- ❖ Southeastern Freight Lines Distribution Center & Service Facility – Durham, NC
- ❖ Talecris Superskid Fabrication Facility – Clayton, NC
- ❖ US Flue-cured Tobacco Growers Warehouse – Timberlake, NC



Design Projects: Food Service - Restaurants, Kitchens & Dining Facilities

- ❖ Dairy Queen Grill & Chill - Raleigh, NC
- ❖ Kenly I-95 Subway - Kenly, NC
- ❖ Proto Java Café - Cary, NC
- ❖ SAS Building C Kitchen & Dining - Cary, NC
- ❖ SAS Building F Kitchen Renovation - Cary, NC
- ❖ SAS Building R Kitchen & Food Court - Cary, NC
- ❖ SAS Building T Executive Dining Room - Cary, NC
- ❖ Sylvia's Family Restaurant - Wilson, NC
- ❖ Triangle Grill - Cary, NC
- ❖ Scratch Baking - Durham, NC



Design Projects: Banking & Data Centers

- ❖ BB&T Office & Computer Lab – Wilson, NC
- ❖ BB&T Service Center – Wilson, NC
- ❖ ECU Campus Data Center – Greenville, NC
- ❖ KS Bank – Four Oaks, NC
- ❖ Regional Acceptance Call Center – Greenville, NC
- ❖ Regional Acceptance Data Center – Greenville, NC
- ❖ Strickland Insurance Data Center – Goldsboro, NC



Excellence in Team Design

Design Projects: Various Renovations

- ❖ Griffin Hall Renovation – Elizabeth City State University
- ❖ Fayetteville St. School Renovation – Durham, NC
- ❖ Old Health Building HVAC Replacement – Raleigh, NC
- ❖ Williams Overman Pierce 4th & 5th Floors Office Renovation – Raleigh, NC
- ❖ SAS Building F Kitchen Renovation - Cary, NC
- ❖ SAS GA Addition – Cary, NC
- ❖ SAS Building LW Renovation – Cary, NC
- ❖ SAS Building R Renovation – Cary, NC
- ❖ SAS Building V Auditorium & Lobby Renovation – Cary, NC



Design Projects: Solar

- ❖ JR Motorsports – Mooresville, NC
- ❖ ADMark Printing Solar – Charlotte, NC
- ❖ Highland Brewing Solar – Ashville, NC
- ❖ Fleming Solar Farm – Greenville, NC
- ❖ Boseman Solar Farm – Elm City, NC
- ❖ Castelo Solar Farm – Ahoskie, NC
- ❖ Red Hill Solar Farm – Warrenton, NC
- ❖ Green Solar Farm – Robersonville, NC
- ❖ Vance Solar Farm – Henderson, NC
- ❖ Battleboro Solar Farm – Battleboro, NC



Excellence in Team Design

Design Projects: Housing & Living Facilities

- ❖ Brown House – Pikeville, NC
- ❖ Church & Main Condominiums – Durham, NC
- ❖ Oak Hill Living Facility – Angier, NC
- ❖ Rollins House - La Grange, NC
(radiant floor heat & water-source heat pumps)
- ❖ SJAFB Officer Housing – Goldsboro, NC
- ❖ Smith Farm House – Grimesland, NC
- ❖ University of Mt Olive Dorms – Mount Olive, NC
- ❖ Unscripted Hotel – Durham, NC

