

Staff Experience - Mechanical, Plumbing & Fire Protection ¹						
Project	Client	Location	Design Services			Description
			HVAC	Plumbing	Fire Protection	
Summit Surgical Medical Office	Ray Norman & Associates	Marietta, GA	√	√	√	Design of MEP for a medical office
Lab/Administration Building - Camp Creek WPCP	Fulton County, GA	Atlanta, GA	√	√	√	Designed mechanical systems for analytical laboratory and administrative offices. Analytical lab required provision of services for multiple fume hoods, gas chromatograph, atomic absorption unit, walk-in environmental chamber, lab gases, deionized & distilled water and acid waste disposal.
Administration Building - Bear Creek WTP	Upper Oconee Basin Water Authority	Oconee Co., GA	√	√	√	Facility included administrative and laboratory and functions
Clogging Connection Dance Studio	Williams-Adair Realty Corp.	Snellville, GA		√		Design of plumbing system addition
Handy Andy Shopping Center	Ray Norman & Associates	Rockmart, GA	√	√	√	Design of building shell MEP systems for a strip shopping center
Reese Booker Park & Pool	Harris & Smith Architects	Washington, GA	√	√		
Administration Building - Lakeside WTP	City of Gainesville, GA	Gainesville, GA	√	√	√	Designed systems for office space, laboratory and control room
Laboratory - Flat Creek WPCP	City of Gainesville, GA	Gainesville, GA	√	√	√	Designed plumbing and fire protection systems for lab and served as senior reviewer for all HVAC, plumbing and fire protection systems
Bowden Senior Center	Fulton County, GA	East Point, GA	√	√	√	20,000 SF facility included indoor swimming pool and associated pool air conditioning system
Central Park Elementary School in Birmingham, Alabama.	Birmingham Public Schools	Birmingham, AL	√	√	√	Designed water-source heat pump, plumbing, and fire protection systems for this 80,000-square-foot school
Concourse E at Hartsfield-Jackson International Airport	Atlanta Airport Authority	Atlanta, GA	√			Designed 500,000 square feet of conditioned-air distribution
Georges Creek WWTP Administration Building	Western Carolina Water & Sewer Authority	Greenville Co., SC	√	√		Designed systems for office space and control room
Administration & Maintenance Building - Town Creek WTP	Macon Water Authority	Macon, GA	√	√	√	Facility included administrative, laboratory and maintenance functions.
Arthur D. Shores Office Building	Private Investor	Birmingham, AL	√	√	√	Variable-volume, direct expansion conditioned air system
Chase Falls Apartment Complex	Niles Bolton Architect	Atlanta, GA	√	√	√	Residential design for new contemporary multi-family housing community
Maintenance Building - Camp Creek WPCP	Fulton County, GA	Atlanta, GA	√	√	√	Designed mechanical systems for vehicle and equipment maintenance facility including compressed air system, vehicle wash, vehicle lift, wash facility and lube oil system.
Administration Building - Flat Creek WPCP	City of Gainesville, GA	Gainesville, GA	√	√	√	Served as senior reviewer for HVAC, plumbing and fire protection and engineer of record for plumbing design.
Jefferson Street Transitional Housing Facility	Fulton County, GA	Atlanta, GA	√	√	√	Designed mechanical systems for retrofit of an existing jail facility to a transient housing facility
Administration Building - Lake Blalock WTP	Spartanburg Water System	Spartanburg, SC	√	√	√	Designed systems for office space, laboratory and control room
Lockheed-Martin B1 Building Roof Drainage System Replacement	Lockheed-Martin	Marietta, GA		√		Designed the roof drainage system replacement for the 200,000 square-foot .
Knowles Hall	Clark-Atlanta University	Atlanta, GA	√	√	√	Designed HVAC modifications for renovation of this existing multi-use facility for administrative functions

Staff Experience - Mechanical, Plumbing & Fire Protection ¹						
Project	Client	Location	Design Services			Description
			HVAC	Plumbing	Fire Protection	
Oglethorpe Hall	Clark-Atlanta University	Atlanta, GA	√	√	√	Designed HVAC modifications for renovation of this existing multi-use facility for administrative functions
30 Elementary Schools in the Atlanta Public Schools System	Atlanta Public Schools	Atlanta, GA	√			Served as program coordinator for Atlanta Public Schools renovation program for mechanical systems. Scope included management of multiple consultants and standardization of design of HVAC upgrades for 30 elementary schools.
Camp Creek Water Pollution Control Plant	Fulton County, GA	Atlanta, GA	√	√		Designed HVAC and plumbing systems for various process facilities
Delta International Air Cargo Facility	Delta Air Lines	Atlanta, GA	√	√	√	Designed HVAC, plumbing, and fire protection systems for the 214,000 square-foot facility
John Eagan Homes	Atlanta Housing Authority	Atlanta, GA	√		√	Designed retrofit of heating and plumbing system upgrades
Pump Station No. 26	City of Gainesville, GA	Gainesville, GA	√	√		Designed the HVAC & plumbing systems including combustible gas detection and ventilation systems to comply with code requirements for explosion prevention within the pump station and Electrical Room.
West Area CSO Pump Station	City of Atlanta	Atlanta, GA	√			Designed the Variable Frequency Drive Room air conditioning system
Catawba River Raw Water Pump Station	Charlotte-Mecklenburg Utility Department	Charlotte, NC	√	√	√	Designed HVAC and plumbing systems for High Service Pumping Station Building process areas and administrative areas.
F. Wayne Hill Water Reclamation Center	Gwinnett County Department of Public Utilities	Buford, GA	√	√	√	Served as mechanical engineer of record for building HVAC and plumbing systems
Town Creek Water Treatment Plant	Macon Water Authority	Macon, GA	√	√	√	Designed HVAC and plumbing systems for various process facilities
Upper Mill Creek WWTP	Butler County Department of Environmental Services	Butler Co., OH	√	√		Headworks, Pumping Stations & other plant structures
Bear Creek Water Treatment Plant	Upper Oconee Basin Water Authority	Oconee Co., GA	√	√		Filter Complex, Chemical Building, High Service Pumping Station, Raw Water Pumping Station, Vaulted Structures
Central Pumping Facility	Gwinnett County Department of Public Utilities	Lawrenceville, GA	√			Designed the Variable Frequency Drive Room air conditioning system
Fulton County Courthouse Maintenance Facility	Fulton County, GA	Atlanta, GA	√	√		Designed HVAC and plumbing improvements for conversion of parking facility to a maintenance facility
Okalee Village Fire Service System	Seminole Tribe of Florida	Hollywood, FL			√	Designed fire pumping system for a residential community to augment fire flow pressure
Georges Creek Wastewater Treatment Plant	Western Carolina Water & Sewer Authority	Greenville Co., SC	√	√		Designed HVAC & plumbing systems for Headworks, Chemical Building, Electrical Building and other process facilities
Harpeth Valley WTP	Harpeth Valley Utility District	Harpeth Valley, TN	√	√		Designed HVAC & plumbing systems for High Service Pumping Station and meter vault
Lake Blalock WTP	Spartanburg Water System	Spartanburg, SC	√	√	√	Designed HVAC & plumbing systems for Filter Complex, Chemical Building, High Service Pumping Station, Raw Water Pumping Station, Vaulted Structures

Staff Experience - Mechanical, Plumbing & Fire Protection ¹						
Project	Client	Location	Design Services			Description
			HVAC	Plumbing	Fire Protection	
Lakeside Water Treatment Plant	City of Gainesville, GA	Gainesville, GA	√	√		Designed HVAC & plumbing systems for Filter Complex, Chemical Building, High Service Pumping Station, Raw Water Pumping Station, Vaulted Structures
McAlpine Creek Residuals Management Facility	Charlotte-Mecklenburg Utility Department	Charlotte, NC	√	√	√	Designed the HVAC, plumbing, and fire protection systems for this 265,000-square-foot biosolids residual facility.

¹ - Experience obtained with ESS and prior firms.