



Major Aircraft Tech Team & Lab Facility - Phase 1 Ladson, South Carolina

Design South Professionals teamed up with Live Oak Consultants for a 40,000 sf Tech Team and Lab Facility upfit for a major aircraft manufacturer. This was the fourth project completed by the team of Design South Professionals and Live Oak Consultants for this major aircraft manufacturer. The upfit consists of 15,000 sf of open office space and 25,000 sf of industrial lab space located in a warehouse building near the existing campus with building materials and finishes consistent with those of the main campus.

The 15,000 sf of office space was designed to accommodate a staff of 75 and includes an attractive employee Break Area, Restrooms, four Collaboration Rooms, two Small Conference Rooms, two large Conference Rooms, Data, Systems and a Server Rooms. The conference rooms were furnished with data and power to support mounted projection screens, data connections and site standard furniture. The two conference rooms were designed with video teleconferencing capabilities. The open office finishes are based on site standards and were designed to produce a productive and pleasing work environment including, adding exterior windows, curvilinear walls, energy efficient pendant lighting, and high acoustical ceilings. Noise transmission into the office area was alleviated using sound attenuation to mitigate the noise from the adjacent lab.

The 25,000 sf industrial Lab space was designed to accommodate an Assembly Area, modular Paint Area comprising a Wash Area, Control Room, Paint Booth and Mix Area, Material Prep Analysis Lab, Flex Space, Autoclave/Oven Area, and a 10,000 sf modular Clean Room.

Contractor HITT Contracting Inc.
2457 W. Aviation Ave,
Suite 100
North Charleston, SC

Engineers - Live Oak Consultants
Mechanical, P.O. Box 60490
Electrical, North Charleston, SC
Plumbing, and (843) 529-9428
Structural

Building Size 40,000 sf

INDUSTRIAL



DESIGN SOUTH
PROFESSIONALS, INC.
engineers architects planners