

PROJECT INFORMATION

SIZE: 1,040,000 SQ. FT.

LEVELS: 4

CONSTRUCTION START: 1/1/09

CONSTRUCTION FINISH: 9/21/09

DELIVERY METHOD: DESIGN-BUILD

COST: CONFIDENTIAL



ARCHITECTURE

- SIX INTEGRATED BUILDINGS:
-COMMAND, OPERATIONS, ACQUISITIONS, LAB, WAREHOUSE AND CUP. THEY ARE INTERCONNECTED BY A SECOND LEVEL CONCOURSE
- “GEORGIAN REVIVAL” CHARACTER
- EXTERIOR PALETTE IS BRICK, PRECAST.

MECHANICAL

- 30 % ENERGY CONSERVATION COMPARED TO ASHRAE 90.1-2004
- CENTRAL UTILITY PLANT SERVES CAMPUS CHILLED & HOT WATER TO AHU'S LOCATED ON THE ROOF.
- UFAD SERVES ALL OFFICES
- DEDICATED OUTDOOR AIR SYSTEM SERVES THE LAB SPACES.

PROJECT TEAM

OWNER: DISA

ARCHITECT: RTKL ASSOC.

GC/CM: HENSEL PHELPS

MECHANICAL/PLUMBING: SOUTHLAND IND.

ELECTRICAL: M.C. DEAN INC.

STRUCTURAL: THORNTON THOMASETTI, INC.

ELECTRICAL

- THE PRIMARY SERVICE WILL BE 33 KV (480:208/120V) CONNECTED TO TWO (2) 20/25 MVA TRANSFORMERS
- ALL MISSION CRITICAL/ LIFE SAFETY LOADS ARE BACKED UP BY DIESEL GENERATORS (13.8KV; 2000 KW/2500 KVA)
- INTERIOR LIGHTING WILL UTILIZE ELECTRONIC BALLASTS AND ENERGY EFFICIENT LAMPS WITH OCCUPANCY SENSORS.

STRUCTURAL

- THE FOUNDATIONS CONSIST OF A SPREAD FOOTING FOUNDATION SYST.
- MOST BUILDINGS CONSIST OF STRUCTURAL STEEL FRAMING WITH A 30' X 30' STRUCTURAL BAY AND 20' FLOOR TO FLOOR HEIGHTS.
- THE WAREHOUSE WILL CONSIST OF A ONE STORY HIGH-BAY STRUCTURE WITH A 30' X 60' COLUMN GRID

