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architects

Architecture

Planning

Design

June 30, 2010

Project Description: Utah Valley University
New Facilities Building
936 South 400 West
Orem, Utah

This project involves the demolition and removal of an existing structure and construction of a new facilities building along with site improvements. New site improvements consists of exterior concrete pavement, new curb and gutter, asphalt patch work and new topsoil.

The new structure will be two levels, each level approximately 6200 square feet. The new structure will consist of a steel framing system, metal decking, concrete footing, foundation and slab systems. The exterior skin will consist of G.F.R.C. wall panels, brick veneer, metal wall panels, storefront and curtain wall window systems. Interior partition walls will be constructed using metal stud framing and gypsum board wall panels. Interior finishes will consist of carpet, painted gypsum board walls, painted gypsum board ceilings and lay-in ceiling systems with some of the interior spaces having built-in casework. Other building items will be a single elevator, steel stair system and bathroom facilities.

Mechanical system will be a ground source heat pump with individual water source heat pumps, distribution pumps, piping, and energy recovery ventilators. The geothermal heat exchanger (well field) will be by others..

Electrical will be three phase 120/208 distribution with a 600 amp service to the building feed from a transformer that will be provided by others. Interior lighting will be compact fluorescent and linear fluorescent. Communication systems will consist of conduit with pull strings and boxes.

Sincerely,

Scott Prior
Principal

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