

PHARMACEUTICAL FACILITY ADDITION

-

SCOPE OF WORK

MODULAR CONSTRUCTION

M. Davis & Sons was contracted by a pharmaceutical company to model, fabricate, and install a pharmaceutical process for their 30,600 sq ft addition to the existing facility. The project involved:

- 3D modelling of process
- Coordination with building design for access and rigging steel
- Generating isometric drawings for fabrication
- Fabricating carbon and stainless steel support including stainless steel stairs and rails
- Fabricating and installing stainless steel sheathing and dropped ceiling
- Re-tubing and modifying used heat exchangers to accept heat transfer fluid
- Modifying ASME pressure vessels and applying "R" stamp
- Assembly of process in M. Davis facility
- Instrument calibration
- Control Panels integrated with existing system
- Final Installation

CHALLENGES ON PROJECT

Project required adherence to a strict schedule as the customer was building a new facility at the same time the modular process was being constructed by M. Davis.

M. DAVIS SOLUTIONS

We used modular construction which shaved off valuable time from the project timeline. The customer provided an opening in the side of their new structure which allowed M. Davis to move the new module into place and tie in to utilities.