

ROCKDALE MEDICAL CENTER – Conyers, Georgia

EAST WING ADDITION

SCOPE Provide mechanical systems design and construction phase services for a 120,000 sq. ft. multi-function, four-story addition to the existing hospital, including birthing center, patient rooms, diagnostic suites, treatment centers and administration spaces. An addition to the existing Central Energy Plant accommodates new boilers and piping modifications to previously upsized chilled water system. The expansion of the fuel oil piping system includes a new 20,000-gallon underground fuel storage system.



Owner

Rockdale Medical Center

Mechanical Contractor

Batchelor & Kimball

Prime Consultant

Chegwidden, Dorsey & Holmes

Construction Cost

\$40,780,000 (total)
\$10,420,000 (mechanical)

SPECIAL CIRCUMSTANCES

- Complete return air systems, variable speed pumping and variable return and supply air fan speeds.
- Selective use of gaseous filtration media for indoor air quality improvement
- Control system for manual and automatic control of paralleled fuel-oil piping systems serving boilers and diesel generators.
- Adaptation of existing plumbing and medical gas systems to accommodate extensive site modifications.
- Instantaneous-type domestic hot water generators.



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