



Founders III Business Office

This 7,500 SF single story facility culminates a couple design-build multi-phase projects to finish out a studio, an art gallery, and a high-end dental office with supporting spaces. The single-story facility features fine interior wood and stone finishes. Engineering required careful equipment and systems selection and construction to accentuate the fine finishes.

Project Data

Owner

Mike Tennyson

Location

Rapid City, SD

Building Type

Office

Building Area

7,500 square feet

Mechanical Systems / Features

New domestic water system
High Efficiency gas furnaces
Remote Air Cooled Condensing Units
Dedicated Restroom Exhaust Fans

Electrical Systems / Features

Specialty Lighting
Occupancy-Based Controls
120/208v 400 amp service
Addressable Fire Alarm
Dental Connections

Construction Cost

\$1,200,000

Completion Date

2011



Mechanical Engineering

HVAC consisted of high efficiency gas furnaces and distribution ductwork throughout the spaces. Supplemental exhaust was provided as required.

Plumbing consisted of new high-end fixtures and associated sanitary sewer/connections. New dental exam room sinks and chairs required coordination of sanitary waste, vacuum and air connections between the selected equipment and space layouts. The domestic water included a gas water heater and hot water circulating line.

Space comfort is attained through the use of high efficiency furnaces and air conditioners zoned for control and energy savings.

Electrical Engineering

Electrical design included general area lighting and special task lighting selected by and coordinated with the owners' representative. The ultimate lighting solution include track and low-voltage cable lighting accent the buildings architectural features and displays combined with general area lighting.

Receptacles, phone and data outlets were coordinated throughout the facility.

