

HEALTHCARE

Project Experience

Community Memorial Hospital

Cloquet, Minnesota

Phase 1 addition included emergency room, urgent care, four operating suites with associated support spaces, post operating recovery rooms, x-ray suites and new lab area.

Phase 1 also included the relocation of medium voltage transformer vault, new electrical service entrance equipment, 500kw generator package with four automatic transfer switches and fire protection for the complete facility (new and existing).

Phase 1: \$13 million; 55,000 sq.ft. addition; completed 2004.

Phase 2, presently in construction, will include new materials management, education classrooms, locker rooms, dietary (kitchen and cafeteria), specialty clinic, Intensive Care Unit (ICU), Magnetic Resonance Imaging (MRI) suite, patient rooms, Obstetrics department, and an infusion therapy suite. Phase 2 will also include remodel and expansion on administrative support area. A new electrical service entrance and emergency power system will also be provided.

Phase 2: Estimated cost \$20 to \$24 million; 95,000± sq.ft.; estimated completion 2012.



Hennepin County Medical Center

Minneapolis, Minnesota

Project Size: 75,000 sq.ft.

Project included an addition to the emergency department, and complete renovation of all areas of the existing emergency department. All new HVAC, plumbing and electrical systems were provided. This project included an emergency generator for emergency lighting, exit lighting, and fire alarm systems, as well as critical/life support systems.



Grand View Hospital

Ironwood, Michigan

Phase I addition and existing building renovation: New addition included environmental services and plant operations areas, as well as purchasing/shipping. New mechanical and electrical systems design included infrastructure central services for future Phase II and Phase III hospital additions and renovation. New central service systems, designed by Gausman & Moore, include new chiller and boiler plant, air handling systems, new campus electrical power service, and emergency generators.



Additional projects at the hospital included: Mobile MRI Unit; pre-design services including lighting, and heated slab design associated with the D/B process for the heliport pad project; Nuclear Medical Room; New Front Entry; Fire Alarm System Replacement; Critical Access Infrastructure Study; Clinical Building Study; Fire Protection Upgrade; Radiology Clinic; and Elevator Modernization.

Upper Peninsula Health Care Network Michigan

Grand View Hospital, Ironwood: Mobile MRI Unit; Nuclear Medical Room; New Front Entry; Fire Alarm System Replacement; Critical Access Infrastructure Study; Clinical Building Study, Phase I addition and remodel

Iron County Community Hospital, Iron River: Mobile MRI Unit; Site Lighting and Helipad Relocation

Baraga County Memorial Hospital, L'Anse: Mobile MRI Unit

Schoolcraft Memorial Hospital, Manistique: Mobile MRI Unit



Center for Alcohol & Drug Treatment

Project Size: 75,000 sq.ft.
Estimated Cost: \$1,500,000

Phase Gausman & Moore provided complete new mechanical and electrical systems for this adaptive reuse project converting a 1950's era automobile dealership building into a detoxification center. Overhead doors in the downstairs allows for an enclosed drop-off area to minimize neighborhood impact. The building envelope remained intact. The lower level received rough finish and the upper level was fitted out with medical and security code complying mechanical and electrical systems including CCTV, CATV, sound, voice, data and intrusion detection systems. Heat recovery ventilation was used for energy savings and improved air quality.

Duluth, Minnesota



Black Hills Surgery Center

New surgery suite addition and existing surgery building renovation. Addition included three new operating rooms, post anesthesia care unit, procedure rooms, ICU unit, general medical patient rooms, and administration. Gausman & Moore provided the design for all of the mechanical and electrical systems.

Rapid City, South Dakota



Central Minnesota Group Health

Project Size: 26,700 sq.ft. new; 10,500 sq.ft. remodeled

Remodeling and addition which included dental offices, dental examination rooms, counseling areas, clinic spaces and administrative areas.

St. Cloud, Minnesota



HEALTHCARE

Project Experience

Eagan Family Care Clinic

Eagan, Minnesota

Project Size: 7,125 sq.ft.
Estimated Cost: \$725,000

The clinic included offices, 18 examination rooms, reception area, laboratory, x ray room, urgent care surgery room, an ambulance garage and lounge area. Complete mechanical and electrical systems were designed.



Lake View Memorial Hospital and Clinic

Two Harbors, Minnesota

Project Size: 11,000 sq.ft. New Construction; 23,300 sq.ft. Remodel
Construction Cost: \$5,000,000

Gausman & Moore provided complete mechanical and electrical systems for remodel of existing space into new surgery, radiology, maternity, ICU and PAR, along with complete mechanical and electrical systems for new physical therapy and ER/urgent care addition.



Mallard Pointe Surgical Center

Watertown, South Dakota

Project Size: 20,000 sq.ft.

Gausman & Moore provided mechanical, electrical and lighting design services for a new outpatient surgical and orthopedic clinic.



Minnesota Veterans Home

Silver Bay, Minnesota

Gausman & Moore has completed two projects at the Minnesota Veterans Home in Silver Bay. The Alzheimer's Patient Wandering Room Addition and the remodeling of public restrooms and janitor closets.

The Alzheimer's Patient Wandering Room included restroom, a congregation area and a perimeter walking track. The building addition was attached to the Alzheimer's wing of the Veterans Home and included a mechanical and electrical penthouse to serve the addition.

The public restroom/shower and janitor closet remodeling project remediated mold and moisture damage problems by adding floor drains, new plumbing fixtures, lighting and impervious wall and floor surfaces.



**Gausman
& Moore**

Mechanical and Electrical Engineers

HEALTHCARE

Project Experience

Springfield Community Hospital

Project Size: 12,000 sq.ft.
Estimated Cost: \$850,000

Project consisted of new construction and remodeling of existing structures. Included in this facility are a Nursery, LDRP, Physical Therapy, Special Procedure, and Pharmacy.

Springfield, Minnesota



St. Cloud Surgical Center

Project Size: 28,000 sq.ft.
Estimated Cost: \$3,500,000

This new building consisted of these areas: Special Procedure, Operating Rooms, Pathology Laboratory, Phase I & II Recovery, Administration, and Dental O.R.'s. Work consisted of doing all mechanical systems.

St. Cloud, Minnesota



St. Croix Regional Medical Center

Multi-phased hospital remodeling, addition and interior design. Completed phase I included LDRP rooms, OB suite, behavioral science addition, cafeteria remodeling, CAT scan and mammography areas. Master planning and preliminary design provided for outpatient surgery, emergency room, physical therapy, and medical/surgical suite.

St. Croix Falls, Wisconsin



St. Luke's Hospital

A major multiple phase project consisting of the replacement of the electrical distribution system for the hospital. The scope of the project consisted of a new 4160 volt main service, emergency generator and transfer switch system, feeders, distribution switchboards, transformers and panelboards.

Additional projects included complete mechanical and electrical system engineering design for the emergency department remodel, cardiac catheterization lab, new ambulance garage, new main hospital entrance, outpatient laboratory, and fire alarm systems.

Duluth, Minnesota



HEALTHCARE

Project Experience

United Hospital Ambulatory Care Center

St. Paul, Minnesota

Project Size: 129,000 sq.ft.

Gausman & Moore provided complete mechanical and electrical systems design for a new ambulatory care center including the perinatal center, menopause center, breast cancer center, and provided remodeling of existing hospital areas.



University of Minnesota-National Institute of Health Cancer Research Center

Minneapolis, Minnesota

Project Size: 78,000 sq. ft.
Estimated Cost: \$20,000,000

Gausman & Moore completed the mechanical and electrical systems code upgrades for the five existing levels upon which the new Cancer Research Center was built. The mechanical equipment penthouse was relocated from the existing fourth level to the newly constructed eighth floor. Four additional new floors were designed which included labs for basic research, offices, seminar rooms, and interaction atriums/alcoves. This project included an emergency generator for emergency lighting, exit lighting, fire alarm system, a smoke evacuation system, and fume hood exhaust systems.



California Healthcare Project Experience

- Cedars Sinai Medical Office, 5, 12, 14, and 16th floors, Los Angeles,
 - CA Desert Valley Community Hospital
 - Exodus Recovery Administration Office, Culver City, CA
 - Exodus Recovery, Culver City, CA
 - Fresno LTACH
 - Gem Transitional Care, Pasadena, CA
 - Huntington Beach Hospital Fluoroscopy, Huntington Beach, CA
 - Huntington Beach Hospital General Surgery Room Lighting, Huntington Beach, CA
 - Huntington Beach Hospital Generator, Huntington Beach, CA
 - Huntington Beach Hospital PYXIS, Huntington Beach, CA
 - Huntington Beach Hospital Surgery Room, Huntington Beach, CA
 - Huntington Beach Hospital Tomography Room, Huntington Beach, CA
 - Leisure Glen Skilled Nursing Facility Addition and Exterior, Glendale, CA
 - St. Johns Well Child Center, West Los Angeles, CA
 - Taper Medical, Los Angeles, CA
 - West Anaheim Hospital Gigamon, West Anaheim, CA
 - West Anaheim Hospital New Electrical Service, West Anaheim, CA
 - West Anaheim Hospital PYXIS, West Anaheim, CA
 - West Anaheim Hospital X-Ray, West Anaheim, CA
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California Tenant Infill Healthcare Project Experience

- Adelstein Dental Office, Long Beach, CA
- Anaheim Street Dental Practice, Wilmington
- Dr. Baum Medical Office
- Dr. Besser and Dr. Krivoy Medical Office
- Dr. Jain Medical Office, Los Angeles, CA
- Dr. Perlaza Dental Suite, Sherman Oaks, CA
- Dr. Schultz Medical Office, Newhall, CA
- Harold Reeves Medical Office, Los Angeles, CA
- Healthcare Management Office, Glendale, CA
- Martinian Dental Office