Matrix Consulting Engineers, Inc. is a mechanical/electrical/plumbing consulting engineering firm in Lansing, Michigan. Following are some of the projects in the healthcare field that we have been involved with since 1999. The majority of the below projects have been with Sparrow Hospital. We have also performed engineering services for many other hospitals and medical facilities. Our experience with healthcare projects has given us a vast understanding for the special needs of medical facilities.

Emergency Generator Study
Sparrow Health Center
Sparrow Health Center Additional Services
South Side Family Practice
Data Center Study
Surgery, ICU, OB AHU Replacement
Surgery, ICU, OB AHU Replacement
Lab, Radiology AHU Improvements
Lab, Radiology AHU Improvements
HIS Renovations
Conference Rooms HVAC Study
Conference Rooms HVAC Upgrade
DeWitt Family Medical Practice Renovations
Lab, Locker and Storage Room
PHP Insurance Office
PHP Insurance Office
CMCH Boiler Plant Study
Angiography
Chiller Emergency Power
Parking Lot Lighting
Cafeteria Remodel
Pharmacy
Consulting Services
New Surgery, Pharmacy Addition
MAB Second Floor Renovations
Infrastructure Study
Dietary HVAC
First Floor Renovations
Third Floor Renovations
MAB Woman’s Outpatient
Ground Floor Pressurization Unit
Medical Surgery Renovations, Third Floor
Fifth Floor Renovations
OB Floor Renovations
Mechanical Room #4 Boiler System Upgrade
Radiology Storage Expansion
Power Quality Study
Third Floor Nurse’s Station-West
New Riser Diagram
Cat Lab #4
Main Waiting Lobby Radiant Heating Panels
Oncology Center-MEP Review
New Cooling Tower
Phase I Study Master Planning
Infrastructure Study
Weight Management Renovations
Third Floor Renovations
MAB Elevator Equipment Room
Electrical Study
Chiller Emergency Power
IS/UPS Upgrades
Kitchen Improvements
Wellness Center Lobby and Vestibule Heating
IS HVAC
CT Scanner Project
New Pediatric Unit
Physicians Offices
Isolation Room
New Chiller #3 (500 TON)
OR/OB AHU Replacement
CT Simulator
New Toshiba MRI Unit
MAB HVAC Improvements
Multizone AHU Replacement
Wellness Center-HVAC Improvements
MAB Pharmacy Improvements
Arc Flash Study
Central Supply Sterilization
CT UPS System
Primary Switchgear Modification
Domestic Hot Water Heater Replacement
FHP-HVAC Improvements
ACU-7 Air Balance
ACU-7 Relocation Study
Medical Gas Improvements
Foster Addition-Six Story
Foster Addition-Fifth Floor Bulletin
Foster Addition-On Call Room
Foster Addition-Gym Renovation
Vacuum Pump System Replacement
First Floor Cancer Center
First Floor Cancer Center HVAC Study
First Floor Cancer Center Air Handling Unit
First Floor Cancer Center Tomotherapy/Simulator
Fourth and Fifth Floor Additions
Radiology Reading Rooms
EEG/Radiology
DNA Lab-AHU Renovations
DNA Lab-AHU-Construction Administration
Fire Alarm Drawings
DNA Lab-AHU-Additional Work
Central Utility Plant - Review
West Wing Review/Power Plant
DNA Lab-AHU Equipment-Interior Fit-out
Cath Lab #2 UPS
Patient Support Services
Boiler Plant Project
Cath Lab #2
CT Installation
Corridor Renovations
West Wing Coordination Drawings- Ten Story BIM Modeling
West Wing First Floor Lighting
Medical Arts Building
Structural Analysis
Waiting Room Expansion
Facilities Office Renovation
Lithotripsy
Outpatient Care Unit
Chilled Water System
Vacuum System Replacement
Central Utility Plant
Second Floor, Foster Wing-Heart Chamber
Chest Pain Clinic
Third and Fourth Floor Renovations
Exterior Lighting
HS 11 Computer Room Expansion
Data Center Cooling
Data Center Renovation
Cluster Rack for Tomotherapy
Elekta Linear Accelerator Project
Surgery Level Interior Fit-out
Fifth and Sixth Floor Interior Fit-out
RasterX-Converting Facility Drawings to Autodesk Format
Linear Accelerator
Imaging
MRI #2 Suite Renovation
Ultrasound Suite Renovation
Fifth Floor Remodel
Oncology Substation Upgrade
Boiler Feed Water System
West Wing Data Center and IT Closets
Emergency Generator
ED 3D Coordination Drawings
Phase 3 Lobby Extension
Temporary ER Addition and Renovation
Normal and Emergency Power Study
Deaerator replacement
Neumann Wing - Radiology UPS
Security Submittals
Medical Oncology Expansion - Chemotherapy
PET/CT Suite Project
Pharmacy Suite Renovation
Radiology Oncology Waiting Room
16,000 sq. ft. 825 Building Renovation
Electrical Fit-out
HN41 Closet
New Cath Room 1 IT Closet
Swiss Log System Power
SLC2009
2nd Floor IT Closet
MMMRI Suite Study
Reading and Holding Room Suite Renovation
Medical Oncology Pharmacy and Exam Room Expansion
16,000 sq. ft. Labor and Delivery Suite Renovation
Third Floor Air Handling Replacement with Phasing to keep operational
Sparrow Special Procedure room
MSU cell research Lab
CT Scan room 12
Sparrow Data center modifications
Revising Sparrow one line diagram
CMCH new Cath Lab and suite
CMCH Generator backup for hospital
Sparrow CT Lab and Radiology 8
Sparrow Fire Alarm Field Survey
Sparrow Fire / Smoke Damper Replacement
TCI – Ingham Campus
TCI – Sparrow Campus professional building
Sparrow Fire controller Replacement
Medical Oncology Expansion
Sparrow Storage area
Substance Abuse Area
Sparrow Labor and Delivery
iSparrow New Communication System
Sparrow Pharmacy Renovation
Clinton Memorial Pharmacy Renovation
St. Lawrence Pharmacy Renovation
Ionia Hospital Pharmacy and Ultrasound
St. Lawrence Wound Clinic
Sparrow Morgue