

**G.E. MRI Unit**  
Central Jersey Radiology



Sensitive magnetic resonance imaging (MRI) units manufactured by General Electric are installed in rooms which are isolated on Fabreeka pneumatic isolation systems.



The MRI units and the entire room are supported on Fabreeka PAL 416-8 isolators which can lift and isolate 41,000 lbs each and have a natural frequency of 2.5 Hz.



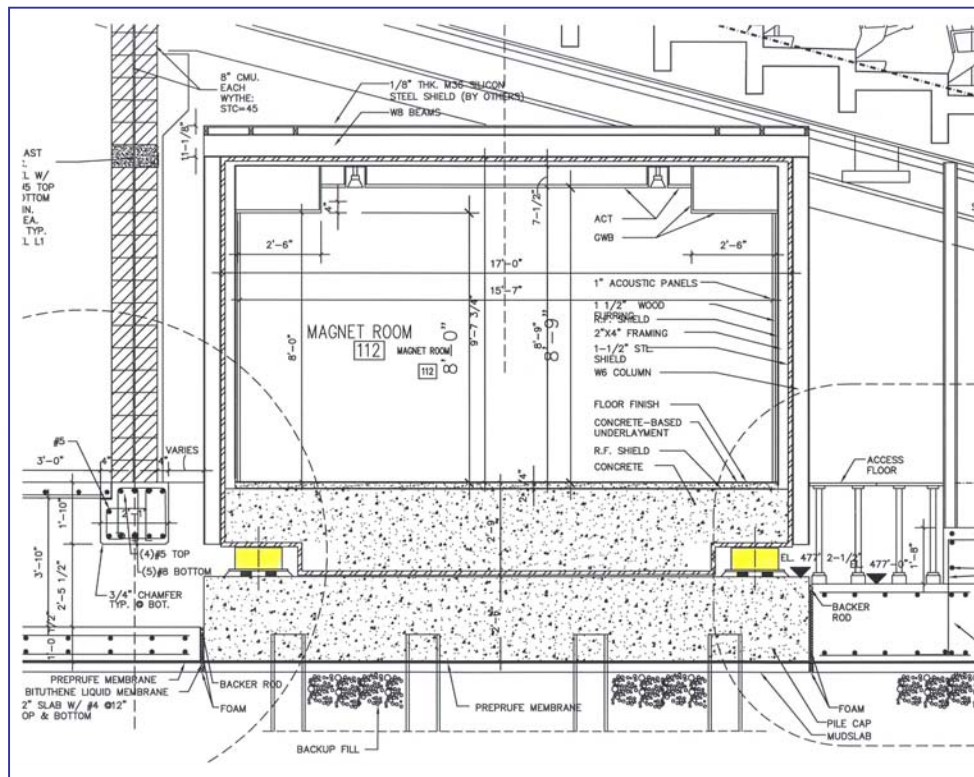
The pneumatic isolation system automatically re-levels itself using precision leveling valves when subject to additional loading due to foot traffic or additional people in the room.



Each isolator is installed with a safety valve, which will protect the isolator and sensitive MRI unit from damage if there is a sudden unexpected increase in pressure.



Fabreeka can provide an electronic panel which visually displays the status of the isolation system. A red (downward) arrow will indicate that there has been a loss in pressure or that the system is out of level. A green (upward) arrow indicates that the system is operating as intended.



Typical cross section of the construction drawings for an isolated MRI magnet room. The floor, walls and ceiling are all supported on the pneumatic isolators.