



- A. RECEPTACLES INSIDE OF THE MRI IMAGING ROOM, INSIDE THE SHIELDING, MUST BE MRI RATED RECEPTACLES.
- B. ELECTRICAL WIRING MUST BE IN NON FERROUS METAL CONDUIT INSIDE THE MRI IMAGING ROOM AND SECURELY FASTENED TO PREVENT MOTION.
- C. ALL ELECTRICAL LINES INTO THE MRI RF ROOM MUST BE ROUTED THROUGH RF FILTERS. ALL ELECTRICALLY NON-CONDUCTIVE SUPPLY LINES INTO THE MRI RF ROOM MUST BE ROUTED THROUGH RF SEALED WAVE GUIDES. COORDINATE INSTALLATION WITH MRI EQUIPMENT PROVIDER.
- D. PROVIDE FILTER PANEL FOR NON-SIEMENS EQUIPMENT AS REQUIRED IN SIEMENS EQUIPMENT DOCUMENTS. INSTALLATION OF FILTER PANEL IS TO BE BY RF ROOM MANUFACTURER. COORDINATE INSTALLATION AND EXACT REQUIREMENTS OF FILTER PANEL WITH RF ROOM SHIELDING CONTRACTOR.
- E. PROVIDE A SEPARATE EMERGENCY POWER OFF (EPO) BUTTON SYSTEM FOR EACH OF THE MR/IS, CONNECTED TO THE UNDERVOLTAGE RELAY MAIN BREAKER OF THE PANEL SERVING THE MRI AND THE ASSOCIATED UPS. PROVIDE PROTECTIVE COVER THAT PREVENTS ACCIDENTAL ACTIVATION, IS FAIL-SAFE DESIGN AND HAS A MECHANICAL LATCHING MECHANISM. EPO BUTTONS ARE TO BE MUSHROOM TYPE WITH PUSH LOCK AND PULL TO RELEASE. EPO CONTACTS TO BE NORMALLY CLOSED, WIRED IN SERIES, CONNECTED TO UPS EPO TERMINALS, AND MRI PANEL MAIN CIRCUIT BREAKER UNDERVOLTAGE TRIP UNIT. COORDINATE VOLTAGE, CONTROL TRANSFORMERS IF NEEDED, ROUTING, AND INSTALLATION WITH MRI EQUIPMENT PROVIDER. FOR LOCATIONS INSIDE THE RF SHIELDING, ALL PARTS ARE TO BE NONFERROUS.
- F. COORDINATE TEMPORARY REMOVAL AND REINSTALLATION OF IMPACTED TELECOMMUNICATION DEVICES WITH OWNER.
- G. COORDINATE TEMPORARY REMOVAL AND REINSTALLATION OF IMPACTED NURSE CALL DEVICES WITH OWNER.
- H. MAINTAIN A MINIMUM OF 12" BETWEEN INCOMING POWER WIRES TO MRI EQUIPMENT FROM ANY SIEMENS CABLING.
- I. COORDINATE GROUNDING OF MRI EQUIPMENT AND RF SHIELDING SYSTEM WITH MRI EQUIPMENT MANUFACTURER AND RF SHIELDING CONTRACTOR.
- J. CABLING PROVIDED BY SIEMENS IS NOT PLENUM RATED.

Stamp

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