

# 3) Lead Lined Door System

## b) Standard Lead Lined Door Frames

### Door Frames

lead-lined, hollow-metal door frames support the heavy weight of lead-lined doors while maintaining an aesthetically pleasing appearance. These doors and frames can be designed to suit various wall sizes and hardware specifications. Two types are available:

- Hollow-metal knockdown frames
- Three-piece style and intended for use in existing construction
- Hollow-metal welded frames
- One-piece style
- Welded, mitered, and reinforced corners for a strong, continuous seal
- Intended for use in new construction projects
- Installed during the wall framing process Out-swing and in-swing door configurations and custom sizes are offered. All NELCO door frames are manufactured from cold-rolled steel and prime-painted. A uniform sheet of lead in a specified thickness is permanently fixed around the perimeter of each frame.

### Uses

- Shielding rooms with x-ray, gamma ray, or PET/CT modalities
- Shielding HDR enclosures (door frames only)

