

## TOPIC 6. FLOOR SLAB DEPRESSIONS

**1. GENERAL:** Use floor slab depressions in specific areas or rooms to direct water into drains by sloping the floors:

- a. To insure that the floor of prefabricated rooms and access floors are level with the corridor floor,
- b. To provide clearance for equipment,
- c. To provide space for the installation of shielding in certain areas, and;
- d. To provide for special floor finishes that require a setting bed.

**2. DEPRESSED SLAB AREAS:** Minimum recommended depressions:

- |   |                |
|---|----------------|
| a. <b><u>Ceramic Floor Tile with Slope to Drain</u></b> | 75 mm (3 in.)  |
| b. <b><u>Quarry Tile Floor without Drain</u></b>        | 50 mm (2 in.)  |
| c. <b><u>Quarry Tile Floor with Slope to Drain</u></b>  | 100 mm (4 in.) |
| d. <b><u>X-Ray Rooms in Radiology Suites</u></b>        | 100 mm (4 in.) |

*NOTE: For items c and d, install a 75 mm (3 in.) topping over the entire structural slab, where hospitals are designed in accordance with the VA Hospital Building System (VAHBS). Exceptions occur in areas requiring depressions greater than 75 mm (3 in.). In these areas, modify the framing and depress the floor slab in accordance with the requirements of proposed equipment.*

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|---|--------------------------------|
| e. <b><u>Terrazzo Floor</u></b>                         | 50 mm (2 in.)                  |
| f. <b><u>All Walk-in Freezers and Refrigerators</u></b> | 100 to 200 mm (4 in. to 8 in.) |
| g. <b><u>RFI Shielded Rooms</u></b>                     | 38 mm (1 1/2 in.)              |
| h. <b><u>Central Computer Rooms</u></b>                 | 300 mm (12 in.)                |

*NOTE: See Computer Systems, Chapter 12.*

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| i. <b><u>Animal Cage Washer</u></b>                          | 300 to 350 mm (12 in. to 14 in.) |
| j. <b><u>Cart Washer</u></b>                                 | 300 to 350 mm (12 in. to 14 in.) |
| k. <b><u>Audio Testing &amp; Control (Prefab. Units)</u></b> | 175 mm (7 in.)                   |

*NOTE: The preceding list of floor slab depressions may not include all the areas where floor slab depressions are required for a specific project. Ensure that the listed depressions are adjusted to suit the actual equipment provided and to satisfy the actual conditions required by the design.*