



INFORMATIONAL BULLETIN

Bulletin No.: 317

Page 1 of 1

Effective: 05/26/2009

Chief Building Official

NON-STRUCTURAL CONCRETE FLOOR SLAB REPAIR REQUIREMENTS

Non-structural concrete floor slabs are frequently cut to allow trenching below the slab for new plumbing or electrical layouts as part of remodel or tenant improvement work.

The following establishes minimum standards for backfilling such trenches and replacing the cut out slab.

SLAB REMOVAL

Where trenching is to occur under an existing slab, the slab above the trench shall be removed by neatly saw cutting along the removal boundaries.

BACKFILL

Note: Backfill can not be performed until groundwork installations have been inspected and approved on the project building card.

Unless otherwise specified in the approved plans, backfill shall be placed in 8 inch lifts and mechanically compacted using a vibratory rammer (aka wacker) or other equally effective method.

SLAB REPAIR

Unless otherwise specified in the approved plans, slab repairs shall be reinforced with # 4 reinforcing steel at 24 inches on center in each direction. Those dowels running perpendicular to the saw cut edges shall be doweled into the existing concrete a minimum of 6 inches and secured in place using an epoxy listed for such use.

CONCRETE REPLACEMENT

Note: Concrete can not be placed until reinforcing steel and backfill have been inspected and the "OK To Place Floor" has been approved on the project building card.

Unless otherwise specified in the approved plans, replacement concrete shall have a minimum strength of 3,000 psi.