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Construction Industry News from City Hall

*Superintendent of Central Inspection
Kurt Schroeder*

ATTENTION GENERAL CONTRACTORS

Central Inspection is working on an aging report of permits that never had proper inspections. This report contains a large number of permits and affects a large number of contractors. Most of the homes on the list are occupied so we need the contractors to make arrangements for Central Inspection to meet someone more proper inspections.

We do need help from everyone involved to close these permits.

Central Inspection would like to thank everyone in advance for your cooperation.

Darlene Hultman,
Inspection Administrator, Building

Plan submittal requirements

In the hopes of reducing printing costs and paper waste for commercial construction projects, the Office of Central Inspection will require only 1 set of construction documents to be submitted at the time of initial plan review in lieu of the 3 sets currently required along with 1 set of project specifications.

Project plan review and the issuance of plan changes/comments will proceed as before, and once the revisions have been approved, 3 sets of complete plans must be submitted to our office for issuance of a permit.

As an option, 2 additional complete sets and 1 set of revisions for the original submitted plan set may be sent to our office for the issuance of a permit.

If a conditional permit is requested and paid for at the time of plan initial plan submittal, 2 sets of plans must be submitted for review (this does not guarantee that a conditional permit will be granted). It is our desire that this process will result in lower costs for the applicant since fewer sheets are being printed (and many are then thrown away by the plan review staff) and the turn-around for issuance of a permit will be reduced slightly since fewer sets of plans will be reconstituted by our staff prior to permit issuance.

This change in plan submittal will be effective May 1, 2009.

Questions regarding this change may be directed to any plan review or permit desk staff of The Office of Central Inspection at 268-4477.

Paul Hays,
Senior Plans Examiner

Bonding of Swimming Pools

Article 680.26

Two bonding inspections will be required on most pools

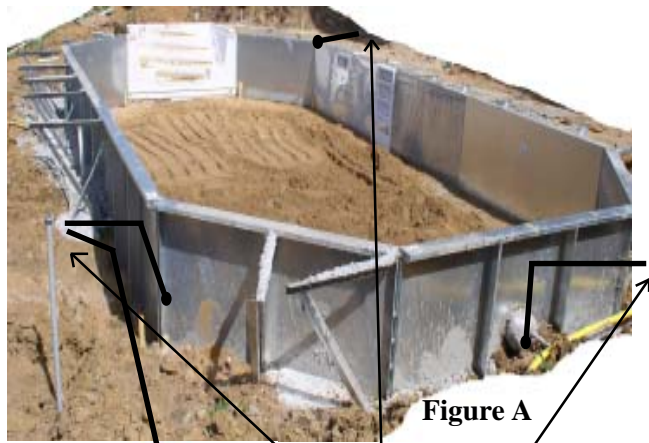


Figure A

Water inlet metal
Drains
Stubbed out to connect to the perimeter bond as shown in Fig. B

The first inspection is for pool structure bonding. This bonding is to connect one end of a whip to the pool light, walls of the metal frame, and any other metal that will be covered after it is backfilled and leveled around the pool structure, and leave the opposite end exposed for later connection to the perimeter bonding conductor.

This inspection is a **640 - pool structural bond**.

Pool perimeter bond loop. This is installed 18 to 24 inches away from the inside of the pool in the concrete surrounding the pool. All items to be bonded connect to this loop.

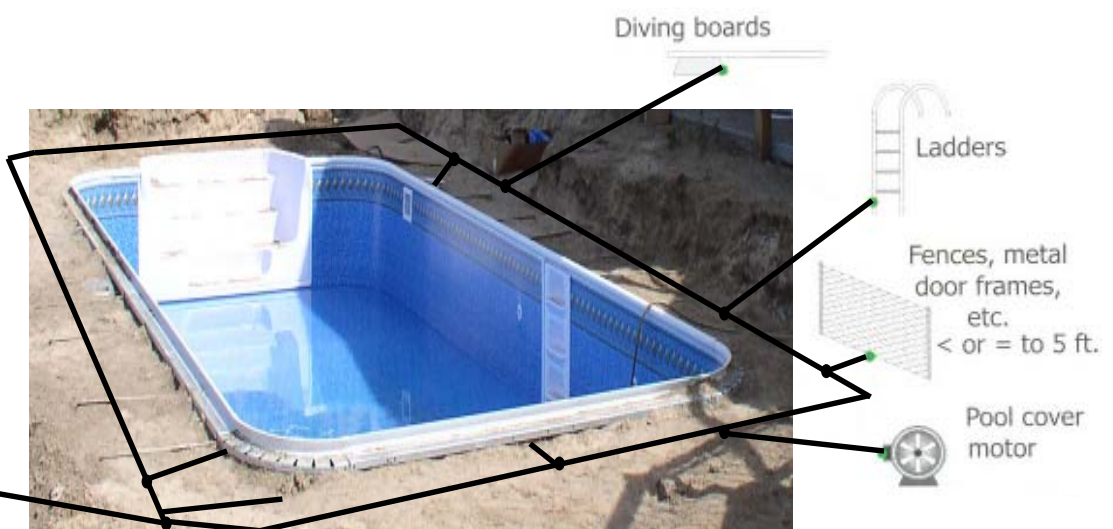
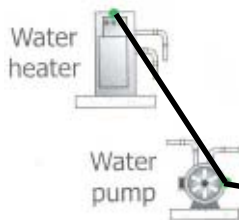
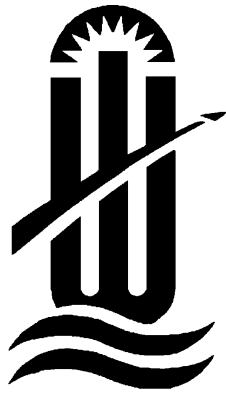


Figure B

The second inspection is a **650 - pool perimeter bond** and it is requested after everything is backfilled and leveled but **before** the concrete is installed. All metal parts within 5 feet of the pool are to be connected to this conductor at the time the inspection is requested.

Equipotential Bonding Grid. The parts specified in 680.26(B) shall be connected to an equipotential bonding grid with a **solid bare copper conductor** not smaller than 8 AWG. This perimeter bonding conductor is to **follow the contour of the pool and be located 18 to 24 inches from the inside walls** of the pool. This conductor is to be installed in the concrete surrounding the pool or under the perimeter surface 4 to 6 inches below the subgrade. ***All connections shall be made by exothermic welding or by listed pressure connectors or clamps that are labeled as being suitable for the purpose.***

An intentional bond of a minimum conductive surface area of 9 square inches shall be installed in contact with the pool water. This bond is permitted to consist of parts that are already required to be bonded, such as the pool light or metallic ladder.



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