



City of Urbandale  
3600 86<sup>th</sup> Street  
Urbandale, IA 50322-4057

Building Department (515) 278-3930  
Fax No. (515) 278-3927

## **Swimming Pool Plan Review and Inspection Schedule**

- **Location:**  
Corner pins need to be located prior to first inspection. If the property corner pins cannot be found by the owner or contractor, it is the owner's responsibility to have a registered land surveyor establish the corner pins. Swimming pools shall be set back a minimum of 10 feet from all property lines, as measured to the closest edge of the water or any structures appurtenant to the pool, and shall not be located within any front setback or street side yard setback that this Ordinance does not allow to be fenced.
- **Before you dig:**  
Call "One Call" for utility locations before you begin digging, at 1-800-292-8989. Utility locations are typically completed within 48 hours of your request. Underground utility location prior to digging is required by state law. This service is free of charge.
- **Fence Required:**  
A 6-foot non-climbable fence with a self-closing – self latching gate is required. The Fence must be a minimum of 4 ft. from the pool or spa and must not have a span of more than 10 ft. from post to post. If the pool contractor is not installing the fence then the homeowner or fence contractor must apply for a separate fence permit.
- **Alarms and Safety Devices:**  
Doors from a dwelling with direct access to the pool must be equipped with an audible alarm.
- **Electrical Requirements:** Based on NEC 2008  
The Pool equipment needs to be GFI protected. Where a permanently installed pool is installed at a dwelling unit, no fewer than one 125-volt 15 or 20 ampere receptacle on a general-purpose branch circuit must be located not less than 10 ft. from and not more than 20 ft. from the inside wall of the pool. This receptacle must not be located more than 6 ft. above the grade level serving the pool. A Spa must have a disconnect within 5 ft. of the spa and have GFI protection
- **Deck:**  
See deck notes for footings and beams.
- **Discharge:** (See separate handout "[Draining Pools and Spas](#)" for additional information)  
Drains and discharge from Salt water pools or spas must be connected to the sanitary sewer per DNR regulations. Chlorinated pools or spas may drain to the sanitary sewer or discharge onto the homeowner's yard provided the chlorine has dissipated to a minimal level similar to drinking water. De-chlorinated drainage from pools and spas onto yards must not affect neighboring properties or flow across public walks. Discharge rates to the sanitary sewer must be reviewed and approved by Urbandale Engineering and Public Works before a pool permit is issued.

## **Required Inspections**

1. **Fence, Pool and Spa located** – Corner pins are required to be located
2. **Electrical Bonding Inspection** prior to covering work up
3. **Electric and Plumbing Rough-In** (observe pool discharge method)
4. **Deck footings** – if Applicable
5. **Deck framing** – if Applicable
6. **Final**