



SWIMMING POOL BUILDING PERMIT REQUIREMENTS FOR THE UNINCORPORATED TERRITORY OF DOUGLAS COUNTY, KANSAS

ALL CONSTRUCTION SHALL BE BUILT IN ACCORDANCE WITH STANDARDS SET FORTH IN THE 1997 EDITION SOF THE UNIFORM BUILDING CODE, UNIFORM PLUMBING CODE, UNIFORM MECHANICAL CODE AND THE 1999 NATIONAL ELECTRICAL CODE.

THE FOLLOWING REQUIREMENTS MUST BE FURNISHED TO THE DOUGLAS COUNTY ZONING OFFICE BEFORE A BUILDING PERMIT MAY BE ISSUED FOR NEW POOLS, HOT TUBS AND SPAS. AN ELECTRICAL PERMIT IS REQUIRED FOR ANY ELECTRICAL CIRCUITS OR ELECTRICAL WORK ADDED FOR THE POOL AND A GAS OR MECHANICAL PERMIT(S) IS REQUIRED FOR POOL HEATERS OR OTHER MECHANICAL EQUIPMENT FOR THE POOL.

1. Approval of sewage disposal system and water supply must be secured from the Douglas County Health Department, located at 200 Maine Street, Suite B, Lawrence, KS. The phone number is 785-843-3060.
2. A site plan should include the following information; to scale the size and location of new construction, existing structures, existing septic tank and laterals: (See attachment for sample site plan.)
 - A. Direction-North Arrow
 - B. Name and Address of Applicant
 - C. Legal description of property.
 - D. Base setback line and yard setback lines. Minimum depth of front yard from base setback line (See – Exhibit A - Height, Area and Bulk Schedule).- **Plus ½ of Road Right-of-Way.**
 - E. Show driveway.
 - F. Swimming pool fencing location in accordance with Douglas County requirements.
3. Two copies of Construction Drawings.
 - A. Copies of the swimming pool plans, for concrete and gunite pools. For pre-manufactured liner pools, two copies of the cut sheet from pool manufactures to verify the design of the swimming pool against lateral loads,
 - B. All pools must comply of Section 680 of the 2011 National Electrical Codes.
 - C. Two copies of the information sheets from the equipment manufacturer. (Re: heater, filters, pumps, etc.)
 - D. A licensed electrician shall be shown on the permit application and perform the electrical work. A licensed plumber shall be shown on the permit if a gas line for a heater is to be installed.
5. Building Permit Application (see last sheet) completed and returned.

SWIMMING POOL AND SPA REQUIREMENTS

Fencing/gate requirements

- a. All pools shall be completely surrounded by a fence or wall, not less than four (4) feet in height, which shall be so constructed as to have openings, holes, or gaps less than four (4) inches. When barriers have horizontal members spaced less than 45 inches apart, the horizontal members shall be on the pool side of the barrier and the openings, holes, or gaps shall be less than 1-3/4".
- b. All gates shall not be less than forty-eight (48) inches in height and shall be equipped with self-closing and self-latching devices designed to keep, and capable of keeping such gate securely closed at all times when not in actual use. Pedestrian gates must swing away from the pool. If the latching device is located on the poolside, it shall be attached at least three (3) inches below the top of the gate and shall have no opening greater than 1/2" within 18" of the latch. If the latching device is located on the non-pool, (exterior) side of the gate, the latching device shall be a minimum of fifty-four (54) inches above adjacent exterior grade.
- c. A door in an exterior wall of a dwelling unit which allows direct access to a swimming pool, spa, or hot tub shall have a latching device installed on the interior side of the door which does not require the use of a key in order to exit the dwelling unit and must be located between forty (40) and forty-eight (48) inches above floor level.

Energy code requirements

- a. All heated swimming pools must be equipped with an on/off pool heater switch mounted for easy access. Heated pools require a pool cover unless over 20% of the heating energy is from renewable sources (such as solar heat).
- b. All swimming pool pumps must be equipped with a time clock so that the pump can be set for the minimum time necessary to maintain the water in a clear and sanitary condition in keeping with applicable health standards.

Mechanical/electrical requirements

- a. No electrical equipment shall be placed within five (5) feet of the waters edge without approval.
- b. Ground fault circuit interrupters shall protect all exterior convenience outlets.
- c. All exterior convenience outlets closer than ten (10) feet horizontally from the waters edge shall be discontinued.
- d. All overhead conductors shall not be closer than ten (10) feet horizontally from the waters edge.
- e. Filter backwash water must be tied into the sanitary sewer and must be properly trapped and vented.
- f. A licensed electrician shall be shown on the permit application and perform the electrical work. A licensed plumber and mechanic shall be shown on the permit for installing a gas heater or other appliance requiring gas.



REQUIRED INSPECTIONS FOR SWIMMING POOLS/SPAS

Inspection of all construction except agricultural buildings will be required. Inspections shall be performed to insure compliance of the 2006 International Code (IBC), the 2006 International Residential Code (IRC), 2006 International Energy Conservation Code (IECC), 2006 International Existing Building Code (IEBC), 2006 International Fire Code (IFC), 2006 International Fuel Gas Code (IFGC), 2006 International Mechanical Code (IMC), 2006 International Plumbing Code (IPC), 2006 International Property Maintenance Code (IPMC), and 2008 National Electrical Code (NEC).

24 hours notification shall be given to Douglas County Zoning and Codes Department, Phone 785-331-1343, before all required inspections can be made.

Required inspections for pools and concrete hot tubs:

1. Any rough-in electrical work must be inspected. This includes wiring to all panels, motors, filters, lights and receptacles.
2. Bonding of any reinforcing steel and pool equipment (ladders, handrails, slides, etc.) before covering with any materials.
3. Bonding and potting of pool light fixtures.
 - a. Exterior of light shells must be bonded to bonding grid.
 - b. #8 insulated copper conductor to be run with electrical supply to wet niche light.
 - c. #8 insulated copper conductor bonds to and is potted to interior of wet niche light shell. Light fixtures and potting compounds must be inspected before filling pool.
4. Gas Line inspection (if heating pool or hot tub with gas heater).

A LICENSED MASTER ELECTRICIAN is required to perform all of the electrical installation.

It shall be the homeowners &/or pool contractors responsibility to see that these requirements are met and a final inspection by the County before the pool is placed in operation.

REINSPECTION FEES ASSESSED UNDER PROVISION OF SECTION 108.8 – minimum \$47.00 per trip



Owner or agent is responsible for the coordination of all inspections noted above.

I have reviewed, and understand all information noted above

Owner or Agent

Date

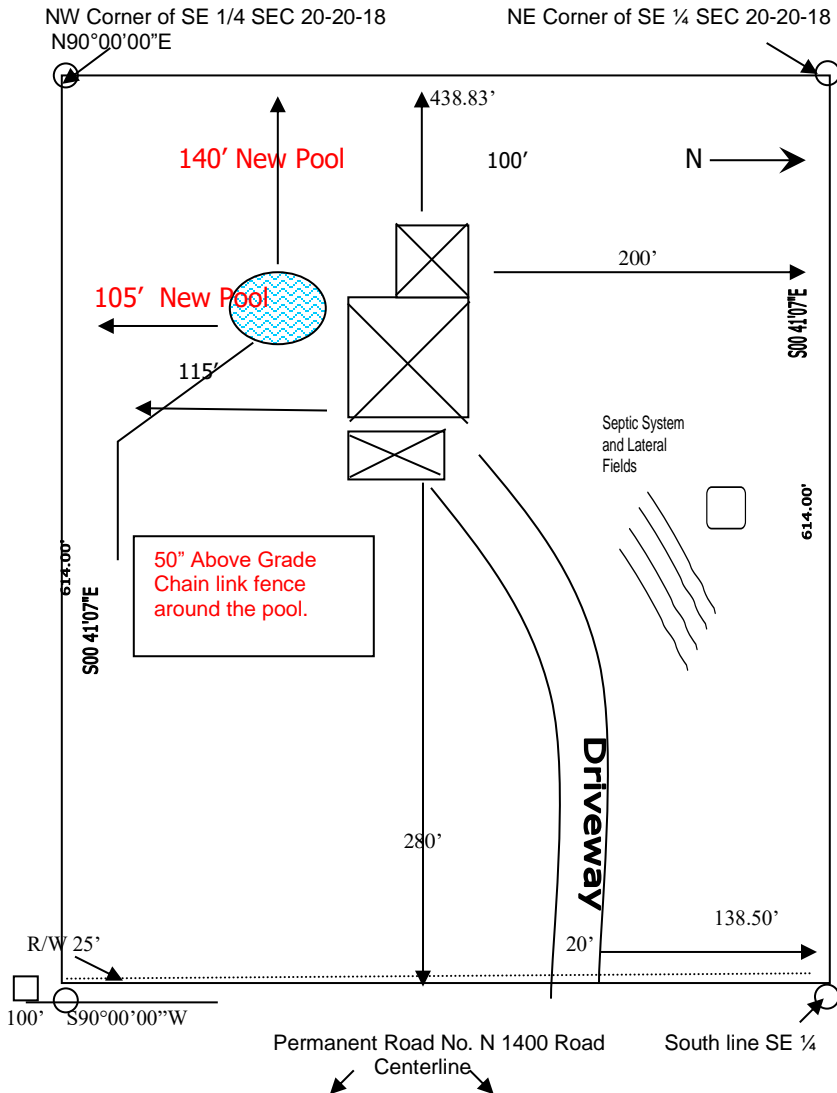
(Please sign that you are aware of all inspection, and that you take full responsibility for notification).

Sample Site Plan

Bob and Mary Cook
 123 Main St.
 Lawrence, KS 66044
 Ph: 785-838-0001 Cell: 785-393-0011

Contractor
 567 E 27th St.
 Lawrence, KS 66044
 Ph: 785-856-0022 Cell: 785-776-0002

Scale: 1"=200'
 All bearings are assumed



Description:

A parcel of land located in the SE 1/4 of Section 20-Range 20-Township 18 of the 6th PM, Douglas County, KS, more particularly described as follows: Beginning at the SE corner of the SE Quarter; thence South 90° 00' 00" W a distance of 709.50 feet to the POB, said PB on the South line of the SE Quarter; thence continuing along said line South 90° 00' 00" West a distance of 438.83 feet; thence North 00° 41' 07" West a distance of 614.00 feet; North 90° 00' 00" East, a distance of 438.83 feet; thence South 00° 41' 07" East a distance of 614.00 feet to the POB, containing 6.18 Acres more or less, subject to public road of right away and easements of record.

Legend:

- Existing 1/2" rebar by LS-64
- Stone Found (Record Location)
- (POC) Point of Commencement
- (POB) Point of Beginning

Reference Surveys:

Survey by X. X. Smith, LS-64 Dated January 31, 2005. Job No. 8-05

Notes:

* See Exhibit A- Height, Area and Bulk Schedule for Setback Requirements. (HR 06-42)

Setbacks For Accessory Buildings:

Front Setback is the same measurements as residential setback requirements. The side setback measurement is 30 feet and rear setback is 30 feet from the property lines.

I hereby certify that this survey was conducted under my direct supervision on _____, 2009, and that all corners were set or found. This survey does not certify ownership or easements.

 Jane Doe Williams, Surveyor, LS-12 (Seal)



DOUGLAS COUNTY ZONING & CODES DEPARTMENT
POOL FENCE AFFIDAVIT

As the owner or contractor of the property located at _____, in the Douglas County, Kansas, I am aware of, and have received a copy of the requirements for the enclosure of a pool.

I take full responsibility, as the property owner, for ensuring that the building permit for the pool fence enclosure is obtained and that the pool or spa shall be appropriately protected by a properly constructed fence or barrier during and after construction. In addition, I shall ensure that the finished side of the fence is facing the surrounding properties in accordance with the Douglas County Zoning Ordinance.

In addition the structure will not be filled with water for use or occupancy as a swimming pool or spa until Douglas County Zoning & Codes Department has granted all final inspection approvals.

Owner's/Contractor's Name (Print)

Owner's Signature

Date

State of Kansas
County of Douglas

The foregoing was sworn to and acknowledge before me this _____ day of _____, 20_____.

Notary Public

My Commission Expires: _____

DOUGLAS COUNTY ZONING & CODES DEPARTMENT
3755 E 25th St
Lawrence, KS 66046
785-331-1343



DOUGLAS COUNTY ZONING & CODES DEPARTMENT
POOL CONSTRUCTION AFFIDAVIT

As the owner or contractor for the property located at _____, in Douglas County, Kansas, I agree to meet or exceed the design criteria on the attached pool, spas and hot tubs details and will comply with all the requirements of the Douglas County Zoning & Building Codes in effect at the time of issuance of permit. I have received a copy of these requirements.

In addition, I am aware that the dimension of the pool, spa and hot tub cannot increase without prior approval.

Owner or Contractor Name (Print)

Owner or Contractor Signature

Date

State of Kansas
County of Douglas

The foregoing was sworn to and acknowledge before me this _____ day of _____, 20____.

Notary Public

My Commission Expires: _____

DOUGLAS COUNTY ZONING & CODES DEPARTMENT
3755 E 25th St
Lawrence, KS 66046
785-331-1343



BUILDING PERMIT APPLICATION - SWIMMING POOLS, HOT TUBS AND SPAS
Douglas County Zoning & Codes Department
 3755 E 25th Street, Lawrence, KS 66046 Phone: 785-331-1343 Fax: 785-842-1201
 Website: <http://www.douglas-county.com>
[VOID UNLESS WORK STARTED WITHIN 180 DAYS]

| | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------|-----------------------------------------------------------------|--------------------------------------------|-----------------------------------------|------------------------------------|
| OWNERS Name | | | PROJECT Address | | | |
| Mailing Address | | | City | State | Zip | |
| City | State | Zip | Section | Township | Range | Acres |
| Phone: | Mobile: | | Subdivision | Lot | Block | |
| Email: | | | | | | |
| GENERAL Contractor | | | TYPE of Permit | | | |
| Address | | | Residential <input type="checkbox"/> | Commercial <input type="checkbox"/> | | |
| City | State | Zip | | | | |
| Phone: | Mobile: | | TYPE Construction | | | |
| Email: | | | New <input type="checkbox"/> | Addition <input type="checkbox"/> | Repair/Remodel <input type="checkbox"/> | |
| | | | TYPE of Building Application | | | |
| ELECTRICAL Contractor* | | | In Ground Pool <input type="checkbox"/> | Above Ground Pool <input type="checkbox"/> | | |
| Address | | | Hot Tub <input type="checkbox"/> | Spa <input type="checkbox"/> | Deck/Porch <input type="checkbox"/> | |
| City | State | Zip | Others <input type="checkbox"/> Explain | | | |
| Phone: | Mobile: | | | | | |
| SIGNATURE/Agent | | | | | | |
| | | | | | | |
| | | | BUILDING Area/Dimension [Sq. Ft.] | | | |
| | | | | | | |
| DATE | | | TOTAL Project Size [SQ FT] | | | |
| COMMENTS: | | | (Total cost of project to include materials & labor) | | \$ | |
| | | | BUILDING VALUATION | | | |
| | | | | | | |
| | | | | | | |
| *Electrical, Plumbing and Mechanical Contractor shall be licensed pursuant to KSA 12-1508 et.Seq. | | | | | | |
| Floodplain Area [if applicable] | | Flood Elevation [if applicable] | | Finish Floor Elevation | | Hour Rating [if applicable] |
| FOR OFFICE USE ONLY | | | | | | |
| SITUS ADDRESS: | | | City | | KS | ZIP |
| Plate: | | PIN | | Zoning District | | |
| Septic/Sewer Permit Attached <input type="checkbox"/> Final <input type="checkbox"/> NA <input type="checkbox"/> | | | Township | | | |
| Frontage Road Classification | | | Setbacks Front | | Side | Rear |
| Entrance Permit Attached <input type="checkbox"/> | | Approved <input type="checkbox"/> | | Final Inspection <input type="checkbox"/> | | NA <input type="checkbox"/> |
| Water Meter Installed <input type="checkbox"/> | | Final Inspection <input type="checkbox"/> | | | | |
| CUP # _____ Approval: | | | Site Plan # _____ Approval: | | | |
| BOZA Approval: | | | | | | |

(Electrical, Plumbing, and Mechanical Contractors shall be licensed pursuant to K.S.A 12-1508 et. Seq.)

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CHECK THOSE WHICH APPLY TO YOUR PROJECT:

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Pool Size _____ Total Square Feet _____ <input type="checkbox"/> Fence: Type _____ Height _____ | <input type="checkbox"/> Gate <input type="checkbox"/> Alarm System _____ Power Safety Cover <input type="checkbox"/> Deck size _____ x _____ <input type="checkbox"/> Barrier Around Ladder/Steps |
| <input type="checkbox"/> Accessory structure (include specifications and materials). Size: Width _____ x Length _____ Height _____ Total Square Feet: _____ Foundation: Type _____ Depth _____ Roofing: _____ Siding _____ Framing Walls _____ Floors _____ Roof _____ | |

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TOTAL BUILDING VALUATION: \$ _____ (To include cost of construction materials & labor.)

ATTACH COMMENTS AND PLANS