



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 2012 International Code (IBC), the 2012 International Residential Code (IRC), 2012 International Fuel Gas Code (IFGC), 2012 International Mechanical Code (IMC), 2012 International Plumbing Code (IPC), and 2011 National Electrical Code (NEC).

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. This building permit will cover all the aspects for the new swimming pool.

Existing pools require an electrical permit for any electrical circuits or electrical work replaced or installed new. A plumbing or mechanical permit(s) is required for pool heaters or other mechanical equipment replaced or installed on an existing 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 all the electrical work. A licensed plumber and/or a licensed mechanic shall be shown on the permit if a gas line and/or a heater is to be installed.
 - E. Detailed information on the pool barrier (fence), including drawings, installation procedures or diagrams of the type of barrier that will be placed around the inground swimming pool or spa.
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 be a self-closing and self-latching door with the release mechanism installed a minimum of fifty-four (54) inches above the floor. Otherwise, an alarm shall sound continuously for a minimum of 30 seconds within seven seconds after the door is opened.

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 removed.
- d. All overhead conductors shall not be closer than ten (10) feet horizontally from the waters edge.
- e. A licensed electrician shall be shown on the permit application and perform the electrical work. A licensed plumber and/or mechanic shall be shown on the permit for installing a gas heater or other appliance requiring gas.

EXHIBIT A

Douglas County Zoning Regulations Article 18 - Height, Area and Bulk Schedule

A r t i c l e	District	Max. Feet in Height	Max. Height in Stories	Min. Depth of Front yard in Ft.	Min. Width of Side yard in Ft. (2 required)	Min. Depth of Rear Yard in Ft.	Min. Lot Area Per Family in Acres or Sq. Ft.	Min. Lot Area in Sq. Ft.	Min. Lot Width at road right-of-way or road easement line (in Feet)¹	90% of Min. Lot Width (in feet)	Min. Depth of Lot in Feet
6	"A" Agricultural	35	2 ½	50*	10	30	3 acres	3 acres	250*	225	250
				75**			3 acres	3 acres	330**	297	250
				100***			5 acres	5 acres	500-660***	450-594	250
				150****			10 acres	10 acres	1320****	1188	300
7	"A-1" Suburban Home Residential	35	2 ½	50*	10	30	3 acres	3 acres	250*	225	250
				75**			3 acres	3 acres	330**	297	250
				100***			5 acres	5 acres	500-660***	450-594	250
				150****			10 acres	10 acres	1320****	1188	300
8	"R-1" Single Family Residential	35	2 ½	25	10	30	10,000	10,000	75	N/A	120
9	"B-1" Neighborhood Business	35	2 ½	40	Dwellings: 10	30	15,000	15,000	75	N/A	125
					Other bldgs: 20		--			N/A	
9A	"B-3" Limited Business	25	2	50	50	50	43,560	87,120	150	N/A	125
10	"B-2" General Business	45	3	40	Dwellings: 10	30	15,000	15,000	75	N/A	75
					Other bldgs: 20		--			N/A	
11	"I-1" Limited Industrial	45	2	50	20	30	--	43,560	150	N/A	200
12	"I-2" Light Industrial	55	4	25	10	Dwellings: 30	15,000	15,000	75	N/A	125
						Other bldgs: 20	--	7,500	75	N/A	100
13	"I-3" & "I-4" Heavy Industrial	--	--	25	10	20	--	15,000	100	N/A	150
14	"V-C" Valley Channel	35	2 ½	50	15	50	5 Acres	5 Acres	300	N/A	300
28	"F-W" Floodway	-- SAME AS UNDERLYING ZONING DISTRICT REGULATIONS --									
	"F-F" Floodway Fringe	-- SAME AS UNDERLYING ZONING DISTRICT REGULATIONS --									

* based on local road fronted
 ** based on minor collector road fronted
 *** based on major collector or minor arterial road fronted
 **** based on principal arterial road fronted

¹ When an Access Restriction Agreement has been approved by the County Engineer the Minimum Lot Width/Parcel Width Requirement may be reduced per that executed agreement upon the filing of the Agreement at the Register of Deeds.



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 minimum building standards of the 2012 International Code (IBC), the 2012 International Residential Code (IRC), 2012 International Fuel Gas Code (IFGC), 2012 International Mechanical Code (IMC), 2012 International Plumbing Code (IPC), and 2011 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, pool structure, and pool equipment (ladders, handrails, slides, lights, 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

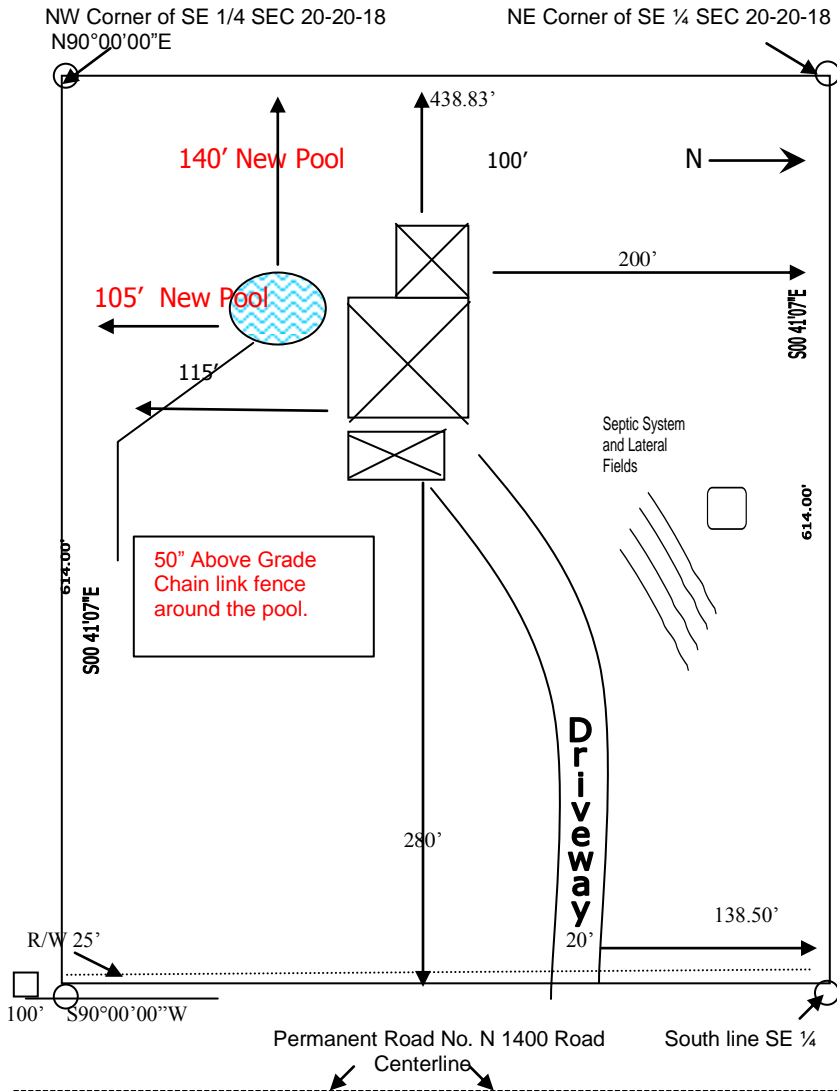
(Please sign that you are aware of all inspection, and that you take full responsibility for notification).

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 3 feet and rear setback is 5 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 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 Street
Lawrence, KS 66046
785-331-1343 FAX: 785-842.1201



SWIMMING POOL/SPA BUILDING PERMIT APPLICATION

DOUGLAS COUNTY ZONING AND CODES DEPARTMENT

3755 E 25th Street

Lawrence, KS 66046

785.331.1343 FAX: 785.842.1201

Project Address: _____ Date: _____

or

Legal Description:

Section _____ Township _____ Range _____ Acres: _____
Subdivision _____ Lot: _____ Block: _____

Owner: _____ Address: _____ Email: _____

Phone: _____ Cell: _____ City: _____ State: _____ Zip: _____

Contractor: _____ Address: _____ Email: _____

Phone: _____ Cell: _____ City: _____ State: _____ Zip: _____

*Electrical Contractor: _____ Address: _____ Email: _____

Phone: _____ Cell: _____ City: _____ State: _____ Zip: _____

*Plumbing Contractor: _____ Address: _____ Email: _____

Phone: _____ Cell: _____ City: _____ State: _____ Zip: _____

*Mechanical Contractor: _____ Address: _____ Email: _____

Phone: _____ Cell: _____ City: _____ State: _____ Zip: _____

*Fence Contractor: _____ Address: _____ Email: _____

Phone: _____ Cell: _____ City: _____ State: _____ Zip: _____

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

CHECK THOSE WHICH APPLY TO YOUR PROJECT:

Form with checkboxes for Residential/Commercial, In-ground Pool Size, Fence, Gate, Alarm System, Deck size, Barrier Around Ladder/Steps, and Accessory structure details.

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

ATTACH COMMENTS AND PLANS