



RESIDENTIAL SWIMMING POOL/SPA & SAFETY BARRIER PERMIT APPLICATION

CITY of Fort Calhoun, NE

Building & Safety Department

110 S 14th St

Fort Calhoun, NE 68023

Telephone: 402.468.5303

clerk@fortcalhoun.org

Inspection Request: 402.598.3915

	Permit Amount	Receipt Number	Permit Number
JOB SITE ADDRESS:		PARCEL NUMBER:	
LEGAL DESCRIPTION: <input type="checkbox"/> Attachment		LOT SIZE:	
ZONING DISTRICT: <input type="checkbox"/> R-1 Single Family Residential District <input type="checkbox"/> R-2 Two Family Residential District <input type="checkbox"/> R-3 Multiple Family Residential District <input type="checkbox"/> RM Single Family Mobile/Manufactured Home Residential District <input type="checkbox"/> C-1 Town Center District <input type="checkbox"/> C-2 General Commercial District <input type="checkbox"/> C-3 Urban Corridor District <input type="checkbox"/> I-1 General Industrial District <input type="checkbox"/> I-2 Industrial District <input type="checkbox"/> Other _____			
PROPERTY OWNER:		PHONE NUMBER:	
PROPERTY OWNERS ADDRESS:		STATE:	ZIP CODE:
APPLICANT/CONTRACTOR NAME:		STATE LICENSE #:	PHONE NUMBER:
MAILING ADDRESS:		STATE:	ZIP CODE:

Class of Work: New Addition Alteration Repair Replacement Other _____

Type: Above Ground In Ground Other _____

Water Supply: Private Well Public Connection Other _____

Drainage Discharged to: Private Property Public Storm Sewer Other _____

Number of Gallons in Pool/Spa: _____ (1 square foot = 7.48 g) **Approximate Pool/Spa Dimensions:** _____

PERMIT FEES	Fee	AMOUNTS
Swimming Pool _____ and/or Spa _____ (\$ 30.00 each)	Fee	\$
Safety Fence (\$ 30.00)	Fee	\$
Electrical for Pool\Spa (\$ 50.00)	Fee	\$
	TOTAL AMOUNT	\$

I will save, indemnify, and keep harmless the City of Fort Calhoun, its officers, employees, and agents against all liabilities, judgments cost, and expenses which may accrue against them in consequence of the granting of this permit, inspections, or use of any on-site or off-site improvements placed by virtue hereof, and will in all things strictly comply with all applicable rules, ordinances, and laws; and I understand all permit fees are non-refundable. My signature constitutes an attestation by the applicant that this application complies with all covenants, conditions, and restrictions.

APPLICANTS SIGNATURE _____ DATE _____

Issued By:	Date:
------------	-------

ZONING INFORMATION

Criteria	TA-1	RR	R-1	R-2	R-3	RM	C-1	C-2	C-3	I-1	I-2
Front yard											
Primary Use	25 ****	25	25	25	25		10	10	10	10	10
Accessory Use	25 ***	25	25		25		10	10	10	10	10
Rear Yard											
Primary Use	35	25	25 **	25	25		10	10	10	10	10
Accessory Use	5	25	10		25		10	10	10	10	10
Side Yard											
Primary Use	50	50	10	10	10		10	10	10	10	10
Accessory Use	5	5	10		10		10	10	10	10	10
Maximum Height											
Primary Use	35	35	35	35	70		60	60	60	60	70(1)
Accessory Use	25	25			70		20				25
Maximum Building Coverage											
All structures (% of lot)	10	10	40	50	70	100	70	70	70	70	85
Maximum Impervious Coverage											
All Impervious surfaces (% of lot)	20	20	50	60	80	100	90	90	90	90	100

Note: Provided in Table 1, Height and Area Matrix, are the height and area requirements for each zoning district. Where there are two (2) or more values shown, the first is for the permitted use in the district followed by supplemental requirements for other uses and site conditions. For example, in the R-1 District the minimum lot width is shown as 60/70/35, which means that sixty (60) feet is the minimum lot width for most lots, seventy (70) feet is the minimum lot width for corner lots, and thirty-five (35) feet is the minimum lot width (at the curb) for lots abutting a cul-de-sac. The second value shown for rear and side setbacks in the commercial and industrial zoning districts are for lots that are adjacent to residential areas.

**Please make certain that you want to proceed with this project when you submit your application.
The fees that you submit are not refundable once the application is submitted.**

PLAN SUBMITTAL REQUIREMENTS FOR IN-GROUND SWIMMING POOLS AND SPAS

DRAWINGS SUBMITTAL: Two (2) copies of the following drawings are required. Drawings must be drawn to scale, dimensioned and of sufficient clarity. Drawings must be submitted along with a completed permit application form.

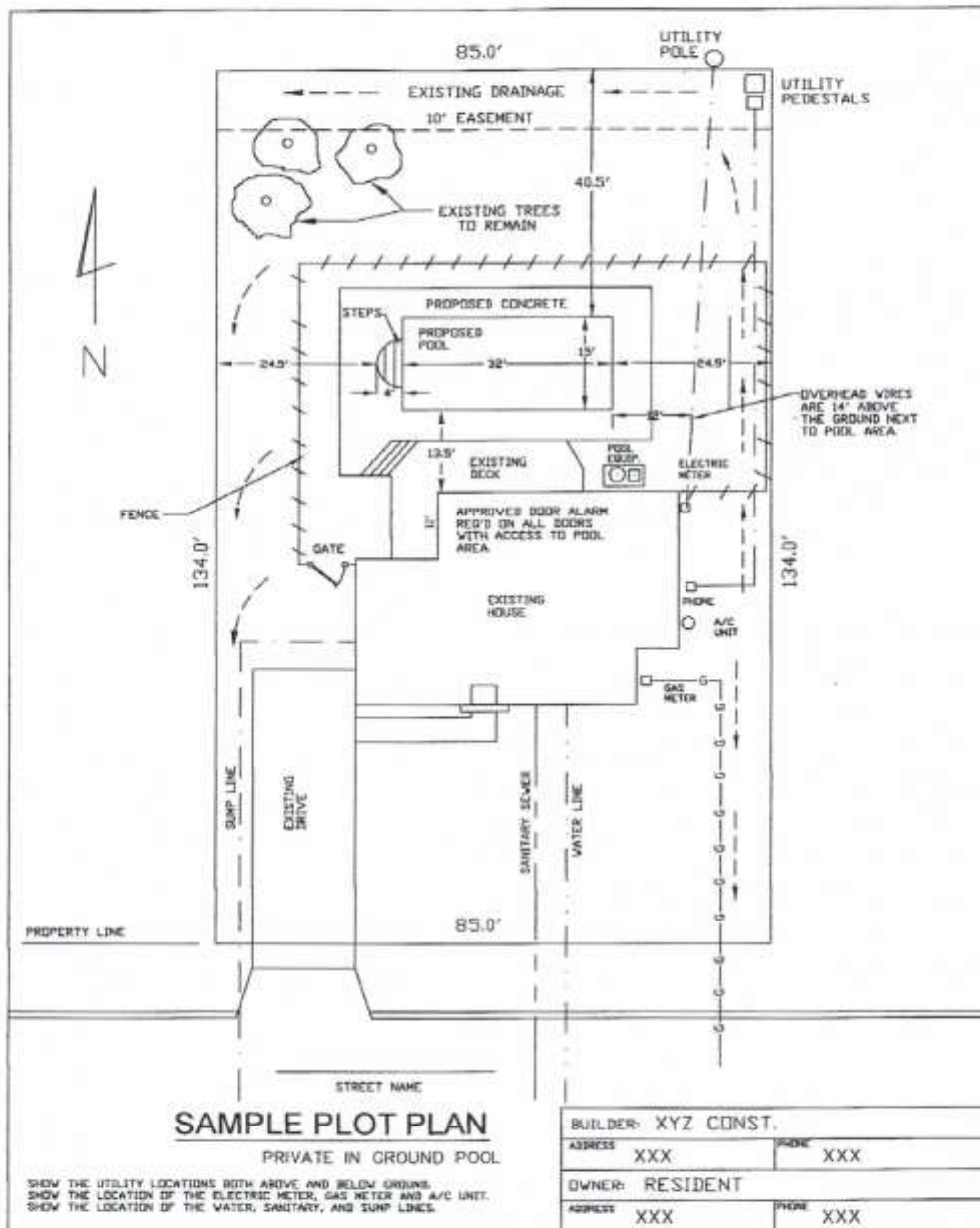
PROFESSIONAL CERTIFICATION: Depth of the swimming pool shall maintain a ratio of 1:1 from the nearest foundation up to a maximum depth of 5'-0" (i.e. for a depth of 5'-0" the pool must be located 5'-0" from the nearest foundation) otherwise an engineered drawing is required.

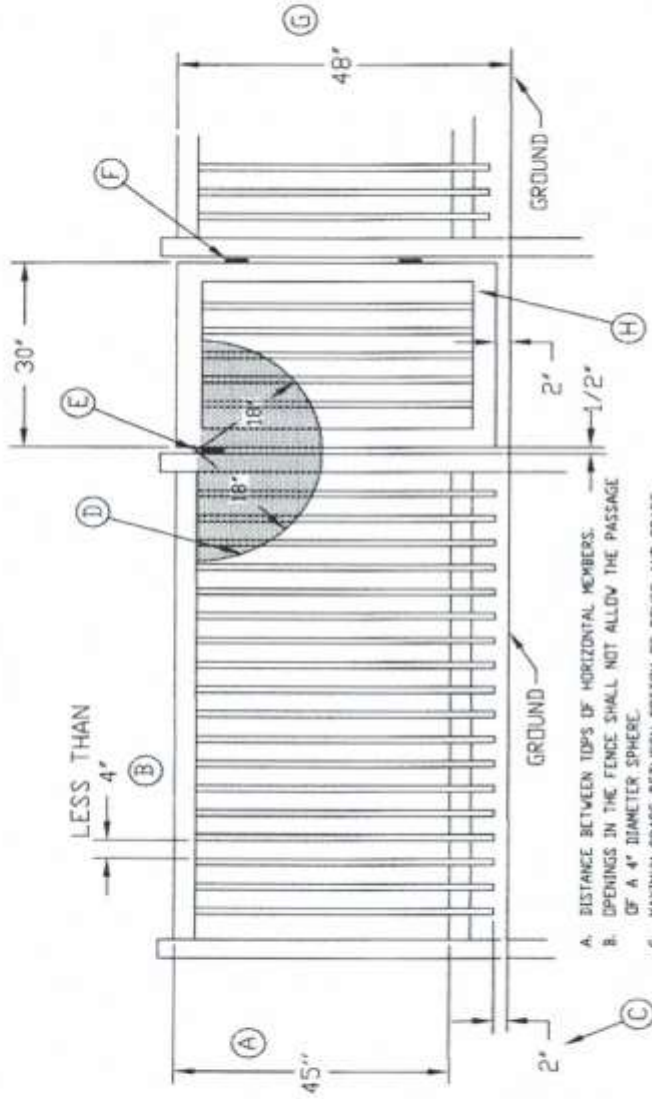
REQUIRED DRAWINGS: The following is a general outline of drawings necessary for plan review (Plan Examiner may request additional information if necessary).

1. Site plan must include all dimensions, (scale: 1"=20'-0") including location of pool in reference to the property line and all building locations. All easements must be shown on site plan and location, type, and height of pool spa barrier.
2. Pool plans must include all dimensions (scale: 1/8"=1'0" or 1/4"= 1'0")
3. Section through the pool structure must include all depth dimensions.
4. Equipment drawings' diagrams must include dimension in reference to property line.
5. All decking is required to be shown on the pool plans. Decking is prohibited in utility/electric easements.
6. Manufacturer's brochure or details of pool required for above ground pools.

NOTE:

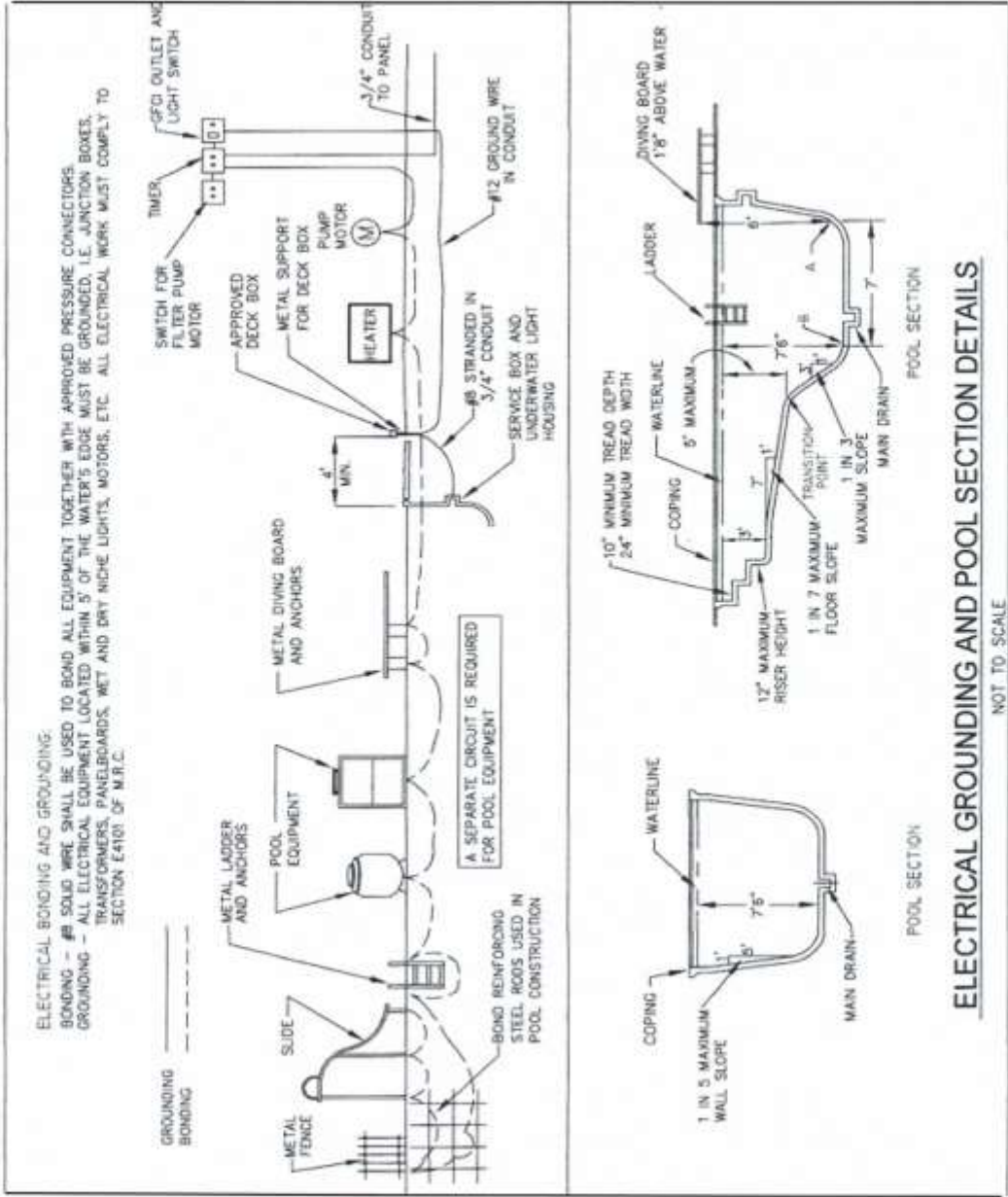
1. Fences and barriers surrounding pools are subject to special requirements (refer to Appendix G, Section AG105, 2006 IRC) See Pool Barrier Requirements.
2. Self-contained units without hardwiring do not require an electrician to perform the work.
3. Pre-plaster inspection cannot be done unless the swimming pool barrier has been installed and approved.
4. Provide pool barrier information on the drawings; refer to glazing requirements of Chapter 3, of 2006 IRC. (Impact resistance glazing is required when the glazing is within 5 feet of a swimming pool or spa water's edge and the bottom edge of the glazing is less than 60" above the poolside of the glazing).
5. Where the fence is existing, it is the applicant's responsibility to upgrade the pool barrier to comply with the pool barrier requirements.
6. Where the pool and fence are existing and only the fence is being replaced, the fence has to comply with the pool barrier requirements.
7. Permit holder is responsible for requesting and completing all required inspections.
8. Public swimming pools and spas shall comply with Nebraska Department of Health Standards for Public Swimming Pool and Spa. For copies of the Standard, contact the State of Nebraska.
9. Diving board for residential pools (drawings required) shall comply with ANSI/NSPI-5 2003 Article 5.8, 5.9, 5.10.
10. Manufacturer's specifications required for diving equipment including pool type & maximum height above the water.
11. Swimming pools shall comply with the 2003 International Energy Conservation Code Section 504.3 – 504.3.3.

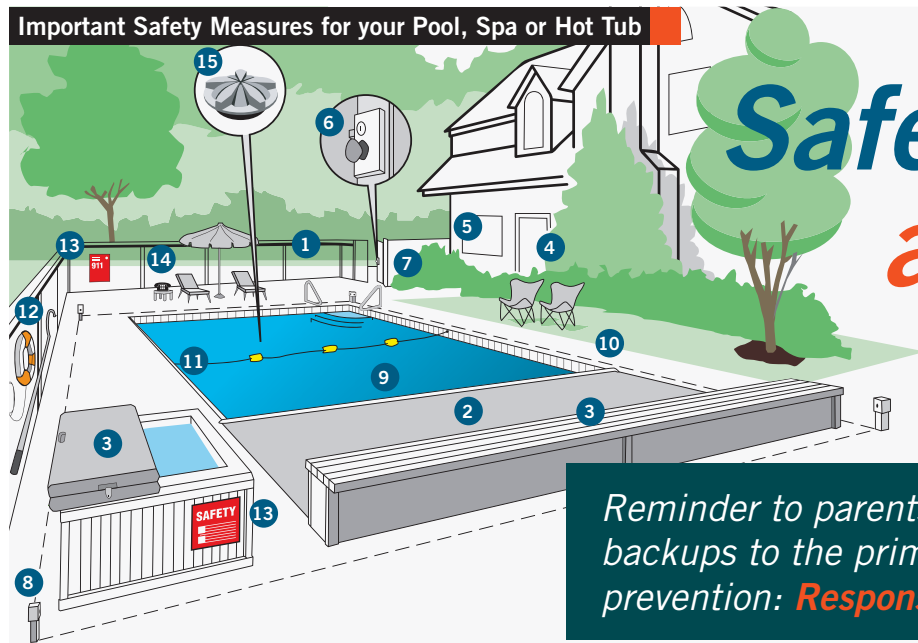




- A. DISTANCE BETWEEN TOPS OF HORIZONTAL MEMBERS.
- B. OPENINGS IN THE FENCE SHALL NOT ALLOW THE PASSAGE OF A 4" DIAMETER SPHERE.
- C. MAXIMUM SPACE BETWEEN BOTTOM OF FENCE AND GRADE.
- D. THE GATE AND FENCE SHALL NOT HAVE AN OPENING GREATER THAN 1/2" WITHIN 18" OF THE GATE RELEASE MECHANISM (PLEXI-GLASS, TREATED PLYWOOD, ETC. CAN BE INSTALLED IN SHADDED AREA TO MEET 1/2" MAXIMUM REQUIREMENT.)
- E. SELF-LATCHING DEVICE WITH RELEASE MECHANISM LOCATED ON THE POOLSIDE 3" BELOW TOP OF GATE.
- F. SELF-CLOSING GATE.
- G. HEIGHT OF FENCE ABOVE GRADE.
- H. GATE MUST OPEN OUTWARDS AWAY FROM POOL.

SAMPLE FENCE & GATE DETAILS
SCALE 1/2" = 1'





SafePools, Spas and HotTubs SaveLives

Reminder to parents that these “layers” are backups to the primary means of accident prevention: **Responsible Adult Supervision.**



1. Barrier Requirements (fencing)

Purpose: To isolate the swimming pool by way of a minimum four foot high enclosure.

Types: a. Chain link; b. Wooden picket (if non climbable); c. Ornamental; d. Portable fencing; e. Natural Barrier (edge of lake or other natural body of water); f. Natural topography (mountains or natural rock formations), if permitted by local codes.

2. Automatic Power Safety Cover

Purpose: A pool cover that is placed over the water area, and is opened and closed with a motorized mechanism activated by a control switch.

Types: Shall be listed and labelled in accordance with ASTM F1346.

3. Manual Safety Covers

Purpose: An impenetrable covering that completely covers the pool, spa, or hot tub, blocking access to water.

Types: Shall be listed and labelled in accordance with ASTM F1346.

4. Door Exit Alarms

Purpose: An alarm that produces an audible warning when a child opens a door, screen or window.

Types: The alarm shall be listed and labelled as a water hazard entrance alarm in accordance with UL 2017.

5. Self-Closing/Self Latching Devices for Doors and Latching Devices for windows

Purpose: An approved means of protection, such as, self-closing doors with self-latching devices can be used to comply with Section 305.4 of the 2018 ISPS, provided that the degree of protection afforded is not less than the protection afforded by item 3 & 4 above.

Types: A latch release mechanism that is not less than 54" (1372mm) above the floor.

6. Fence Gate Closer & Latch:

Purpose: To close and latch fence gates securely, making a pool, spa, or hot tub inaccessible to a child.

Types: Self latching and be located on the vessel side of the gate at least three inches (76mm) below the top of the gate.

7. Fence Gate Alarms:

Purpose: Produces an audible warning when a fence gate is opened.

8. Infrared Detectors:

Purpose: Wireless detection alarm that sounds when the area around the pool perimeter is entered.

Type: a. Light-beam b. Body energy.

9. Pool Alarms:

Purpose: An alarm placed in the pool that sounds upon detection of accidental or unauthorized entrance into the water. While the alarm provides an immediate warning, it does not substitute for the fences, door alarms and safety covers required by this code.

Type: a. Surface water (wave motion); b. Pressure wave (acoustic); c. Electronic monitoring system.

10. Child Alarms:

Purpose: An alarm clipped on the child that sounds when the child exceeds a certain distance or becomes submerged in water.

Types: Clip on transmitter with a in-home receiver.

11. Rope & Float Line

A rope & float line should be placed across the pool, alerting swimmers to the separation of the deep end from the shallow end of the pool. See Section 811.1 of the 2018 ISPS for specific details.

12. Life Ring, Shepard's Hook

Always keep basic lifesaving equipment by the pool and know how to use it. These can be used to pull someone in trouble to safety.

13. Posted Emergency Information

Post all CPR, other emergency information and warning signs, as well as the emergency phone number “911”(or other emergency medical service number), near the pool, spa, or hot tub.

14. Outside Telephone

Keep a cordless or poolside telephone within easy reach of the pool area for emergency calls. It also means parents don't have to leave children unattended while they answer the phone.

15. Anti-Entrapment Drain Covers and Fittings

All pool and hot tub drains (suction outlets) must have a cover or grate that meets industry standards for suction fittings marked with “VGB 2008” indicating compliance with ANSI/APSP-16 2011. A cover protects people from entrapment, including suction. Without the cover, some part of a person's body (especially a limb) may be trapped, causing injury or drowning. If a cover is broken, loose or missing, the pool should be closed immediately until the drain cover is replaced or repaired by a professional. No one should be allowed to play with a drain cover or near a drain.

Outlet Configuration

Pools and spas with drains should have more than one drain (suction outlet), spaced a minimum of 3 feet apart; one or more un-lockable drains or no main drain.

Vacuum Release or Vented System

Pools and spas with a single drain, other than an un-blockable outlet must have one of the following: A safety vacuum release system (SVRS); an engineered vent system; a gravity drainage system; or other safety features that comply with consensus standards (ANSI/APSP/ICC 7-2013).

Pool Cleaner Fittings

Pool and spas with wall vacuum fittings must have self-closing, self-latching covers located at least 6 inches and not greater than 18 inches below the minimum operating water level, or as an attachment to the skimmer.