

# Irrigation Permit Submittal Requirements

## A. Permit:

1. All irrigation systems require a permit.
2. All State Laws must be adhered to, if you are unaware of the State laws, contact the TCEQ at [www.tceq.state.tx.us](http://www.tceq.state.tx.us).
- 3.-A Plot Plan or Survey Plat identifying the location of the Back Flow Preventer, Rain/Freeze Sensor, and control panel shall be submitted with a completed application for all irrigation permits.
4. A detailed plan of the irrigation system is required for all irrigation systems and signed by Certified Licensed Irrigator.
5. All irrigation plans must be drawn to scale. The plan must include at a minimum, the following:
  - The irrigator's seal, signature and date of signing.
  - All major physical features and boundaries of the area to be watered, 3.
  - A North arrow, 4.
  - A Legend, 5.
  - The zone flow measurement for each zone.
  - Location and type of each a) controller and b) sensor.
  - Location, type and size of each a) water source (water meter and points of connection) b) backflow prevention device, c) water emission devices, d) valves, e) pressure regulation component and f) main line and lateral piping.
  - The scale used and.
  - The design pressure.
6. Homeowners may act as their own irrigation contractor but must retain a certified backflow tester and plans designed by licensed Irrigator.

## B. Restrictions:

1. No equipment or material shall be installed in the medians.
2. Backflow prevention device cannot be installed in the utility easement.

## C. General Requirements:

1. Rain/Freeze Sensor is required on all irrigation systems.
2. A backflow prevention assembly shall be installed with all systems.
3. Irrigators must ensure the backflow prevention device is tested prior the irrigation system being placed in service and that test results are provided to the Municipality and the irrigation system owner within ten business days of testing the device.
4. Atmospheric vacuum breakers may be used if (a) no continuous pressure will be present; (b) there are no shutoff valves downstream; and (c) must be installed at least 6" above grade.
5. Pressure type vacuum breakers may be used if (a) no back-pressure condition will occur; and (b) must be installed at least 12" above grade.
6. If there are no conditions that present a health hazard, a double check valve backflow assembly may be used.
7. A double check valve assembly must be placed in a meter box large enough to provide the flowing clearance (a) Six (6) inches between the bottom of the assembly and the pea gravel in the bottom of the meter box; and (b) Six (6) inches between the assembly test cock and the side of meter box.

## D. Inspections:

1. A final inspection is required and must be scheduled within five working days of completion.
2. Backflow prevention devices used in applications designated as health hazards must be tested upon installation and annually thereafter.



# APPLICATION FOR TRADE PERMIT

TOWN OF LAKESIDE  
9834 CONFEDERATE PARK ROAD  
LAKESIDE, TEXAS 76108  
817-237-1234 EXT 307

Submittal Requirements: Submit 1 set of plans as may be necessary to clarify work. Separate permits required for all trade work.

## PROPERTY INFORMATION

ADDRESS:

SUBDIVISION:

ZONING:

## PROPERTY OWNER INFORMATION

COMPANY NAME:

HOMEOWNER/AGENT:

MAILING ADDRESS:

CITY:

STATE:

ZIP:

PHONE #:

EMAIL:

## CONTRACTOR OR SUBCONTRACTOR INFORMATION

COMPANY NAME:

CONTRACTOR NAME:

MAILING ADDRESS:

CITY:

STATE:

ZIP:

PHONE #:

EMAIL:

TRADE LICENSE #:

DRIVERS LICENSE#:

## CLASS OF WORK

CHECK ONE:      MECHANICAL      PLUMBING      IRRIGATION

IF YOU ARE A SUBCONTRACTOR ON THIS JOB, LIST THE CONTTOR/BUILDER NAME AND PHONE NUMBER BELOW:

CHECK ONE:      NEW       ADDITION       REMODEL / ALTERATION       DEMOLITION

## DESCRIPTION OF WORK TO BE PERFORMED


**If the application is not fully filled out and/or Master License and Insurance are not turned in the application will be rejected.**



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### NOTICE

This permit becomes null and void if work or construction authorized is not commenced within 90 days, or if construction of work is suspended or abandoned for a period of 90 days at any time after work is commenced. I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be compiled with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other State or local laws regulating construction or the performance of construction. The issuance of a permit neither exempts nor modifies any covenants, deed restrictions, Town ordinances or State or Federal Laws, whether herein specified or not.

APPLICANT IS RESPONSIBLE FOR CALLING INTO SCHEDULE INSPECTIONS AND MAKING ARRANGEMENTS FOR THE WORK TO BE ACCESSIBLE TO BE INSPECTED.

I understand that if work began before a permit was APPROVED I will be charged twice the permit fee, in accordance with Town of Lakeside Code of Ordinance.

Signature of Applicant:

Date:

### OFFICE USE ONLY

DATE RECEIVED:

PERMIT FEE: \$

PERMIT NUMBER:

DATE ISSUED:

REVIEWED BY:

APPROVED:  YES  NO\*

\* COMMENTS ATTACHED

Description-Mechanical	Quantity	Price	Total
<b>BASE PERMIT FEE</b>	<b>1</b>	<b>@80.00=</b>	<b>\$ 80.00</b>
Installation or relocation on forced air/gravity-type furnace/burner including ducts and vents attached to such appliance, up to and including 100,000 BTU/H		@\$14.80=	
Installation or relocation of each forced-air or gravity type furnace or burner including ducts and vents attached to such appliance over 100,000 BTU/H		@\$18.20=	
Installation or relocation of each floor furnace including vents		@\$14.80=	
Installation or relocation of each suspended heater, recessed wall heater/floor-mounted unit heater		@\$14.80=	
Installation or replacement of each appliance vent installed		@\$ 7.25=	
Repair or alteration of or addition to each heating unit refrigeration unit, cooling unit, absorption unit or evaporative cooling system including installation of controls		@\$13.70=	
Installation or relocation of each boiler or compressor to and including three horsepower, or each absorption system to (3 HP) and including 100,000 BTU/H		@\$14.70=	
Over (3 HP) 100,000 BTU/H and including 500,000 BTU/H		@\$27.15=	
Over (15 HP) 500,000 BTU/H and including 1,000,000 BTU/H		@\$37.25=	
Over (30 HP) 1,000,000 BTU/H and including 1,750,000 BTU/H		@\$55.45=	
Over (50 HP) 1,750,000 BTU/H		@\$92.65=	
Each air-handling unit to and including 10,000 cubic feet per minute, including ducts attached hereto		@\$10.65=	
Each air-handling unit over 100,000 CFM		@\$18.10=	
Each evaporative cooler other than portable type		@\$10.65=	
Each Ventilation fan connected to a single duct		@\$ 7.25=	
Each ventilation system which is not a portion of any heating or air condition system authorized by a permit		@\$10.65=	
Installation of each hood which is served by mechanical exhaust including the ducts for such hood		@\$10.65=	
Installation or relocation of each domestic-type incinerator		@\$18.20=	
Installation or relocation of each commercial or industrial type incinerator		@\$14.50=	
Miscellaneous (fees not listed on table)		@\$10.65=	

**PLUMBING PERMIT FEES**

Description	Quantity	Price	Total
<b>BASE PERMIT FEE</b>	<b>1</b>	<b>@80.00=</b>	<b>\$80.00</b>
Each plumbing fixture or trap or set of fixtures on one trap (including water, drainage piping & backflow protection thereof)		@\$ 9.80=	
Repair or alteration of drainage or vent piping, each fixture		@\$ 4.75=	
Each building sewer and each trailer park sewer		@\$24.65=	
Each private sewage disposal system		@\$74.50=	
Installation, alteration, or repair of water piping or water-treating equipment, or both		@\$ 4.75=	
Water Heater including vent		@\$12.30=	
Each gas piping system of one to five outlets		@\$ 6.15=	
Each additional outlet over five		@\$ 1.10=	
Each lawn sprinkler system on any one meter, including backflow protection devices thereof		@\$100.00= @ \$120.00	
Atmospheric-type vacuum breakers or backflow protection devices- 1 to 5 devices		@\$12.30=	
Over 5 devices, each		@\$ 2.25=	
Each backflow-protection device other than atmospheric-type vacuum breakers		@\$100.00=	
Miscellaneous (fees not listed on table)		@ =	

**TOTAL PERMIT FEES:**

\$ \_\_\_\_\_



## APPLICATION FOR BUILDING PERMIT

TOWN OF LAKESIDE  
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### Common Inspection Types

**Stakeout/Form Survey:** This is normally the first inspection. This inspection is to verify the location or footprint of the project. A form board survey is required on New Residences and New Commercial buildings.

**Temporary Pole:** To be made after temporary electric pole if any is set. T-Pole must meet the requirements of 2006 NEC, which includes proper grounding and 110/120-volt outlets must be GFCI protected and any requirements required by the utility supplier.

**Plumbing Rough-In:** To be made after all underground sewer and water piping is installed and tested as per 2003 I.P.C., which will include a water or air test on the sewer and water. If gas is supplied to the project it must be tested also before being covered.

**Foundation:** This inspection is made prior to placement of concrete. All slabs require this inspection, except flat-work-which is the common term for sidewalks and driveways. However, drive approaches and sidewalks in the city right-of-way do require permits and inspections prior to placement of concrete. An engineer's letter of inspection can be submitted in lieu of city inspection on residential new construction.

**Plumbing Top out-Commercial:** Inspection of plumbing in the walls before walls are closed. Plumbing must meet the requirements of the 2003 I.P.C., no intermittent valves are allowed without prior approval from the Building Official.

**Electrical Rough-Commercial:** Inspection of wiring before walls and ceilings are covered. Electrical work must meet the 2006 NEC.

**Mechanical Rough-Commercial:** This covers all the ductwork and equipment installed and also must be done before walls can be covered. 2003 I.M.C.

**Framing-Commercial:** This is done after all roughs are complete & inspected. 2003 I.B.C.

**Framing-Residential:** This inspection is done after all trades are ready for rough inspection. An 8ft. x 8ft. x 4ft. deep trash bin must be on site. 2003 I.R.C.

**Temporary Electric/Gas:** This inspection is made so utilities can be turned on before a project is finished. After all electrical work and gas piping is safely capped or covered pending inspector's approval. Electric and gas utilities will be released pending final inspection. A letter that we provide must be signed and submitted prior to utilities being released.

**Finals:** A final inspection will be made on Building, Plumbing, Electrical, and HVAC.

Please don't hesitate to call if we can be of assistance.