



# Sprinkler Permit Application

Permit # \_\_\_\_\_

<b>Project Address:</b> _____		<b>Subdivision:</b> (If un-platted, submit copy of warranty deed)	
<b>Owner of Property:</b> _____ Name _____ Phone # _____			<b>Block #</b>
<b>Mailing Address:</b> _____ Street # _____ City _____ State _____ Zip _____			<b>Lot #</b>
<b>Contractor/Applicant:</b> _____ Business Name _____ Owners Name _____ Phone # _____			
<b>Mailing Address:</b> _____ Street # _____ City _____ State _____ Zip _____			
<b>Existing Use of Land/Bldg:</b> <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Other		<b># of Zones</b> _____ <b># of Spray Heads</b> _____	<b>Backflow Device</b> Make of device: _____ Serial Number: _____ Model Number: _____ Type of device: _____
<b>Plumbing Contractor:</b> Name: _____ Phone Number: _____ Permit #: _____		<b>Depth</b>	
		<b>Linear Feet</b>	
<b>Type of Work</b> <input type="checkbox"/> New Installation <input type="checkbox"/> Repair <input type="checkbox"/> Alteration <input type="checkbox"/> Replacement			<b>Estimated Cost</b>
<b>Water Supply Source</b> <input type="checkbox"/> Potable <input type="checkbox"/> Non-Potable			

A Lawn Sprinkler Permit is required for all water systems. The City of Choctaw Plumbing Code requires the installation of an approved (see next page) back flow prevention device to prevent back flow and contamination of your water and/or the City's public water system. In order to locate and inspect these devices, the City requires a permit for lawn sprinklers, you are required to list the type of back flow prevention device that will be installed by a licensed plumbing contractor registered with the State of Oklahoma and the City of Choctaw. I certify that the code official or the code official's authorized representatives shall have the authority to enter area covered by such permit at any hour to enforce the provisions of the code(s) applicable to such permit.

**Printed Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

<b>Installation of back flow device must be performed by a licensed plumber</b>
<input type="checkbox"/> APPROVED _____ 20_____ <input type="checkbox"/> DENIED _____ 20_____ <b>REASON:</b> _____ <b>BY</b> _____

## Requirements for Backflow Device 2009 IRC & IPC

### **IPC 608.16.5—Connection to Lawn Irrigation Systems**

#### **IRC P2902.5.3—Lawn Irrigation Systems.**

The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure-type vacuum breaker (ASSE 1020) or a reduced pressure principle backflow preventer (ASSE 1013). A valve shall not be installed down-stream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow preventer.

### **IPC 312.10—Inspection and Testing of Backflow Prevention Devices.**

**IRC P2503.8**—Inspection and testing of backflow prevention devices shall comply with IRC Sections P2503.8.1 and P2503.8.2 and IPC 312.10.1 and 312.10.2

**IPC 312.10.1 & IRC P2503.8.1—Inspections.** Inspections shall be made of all backflow prevention assemblies to determine whether they are operable.

**IPC 312.10.2 & IRC P2503.8.2—Testing.** Reduced pressure principle backflow preventers, double check valve assemblies, double-detector check valve assemblies and *pressure vacuum breaker assemblies* shall be tested at the time of installation, immediately after repairs or relocation and at least annually

### **IPC 608.14.2—Protection of Backflow Preventers**

**IRC P2902.6.2**—Backflow preventers shall not be located in areas subject to freezing except where they can be removed by means of unions or are protected from freezing by heat, insulation or both.

#### **IPC 608.14.2.1—Relief port piping**

**IRC P2902.6.3**— The termination of the piping from the report or air gap fitting of the backflow preventer shall discharge to an approved indirect waste receptor or to the outdoors where it will not create a nuisance.

### **IPC 608.7—Valves and outlets prohibited below grade**

**IRC P2903.9.5**—Potable water outlets and combination stop-and-waste valves shall not be installed underground or below ground.

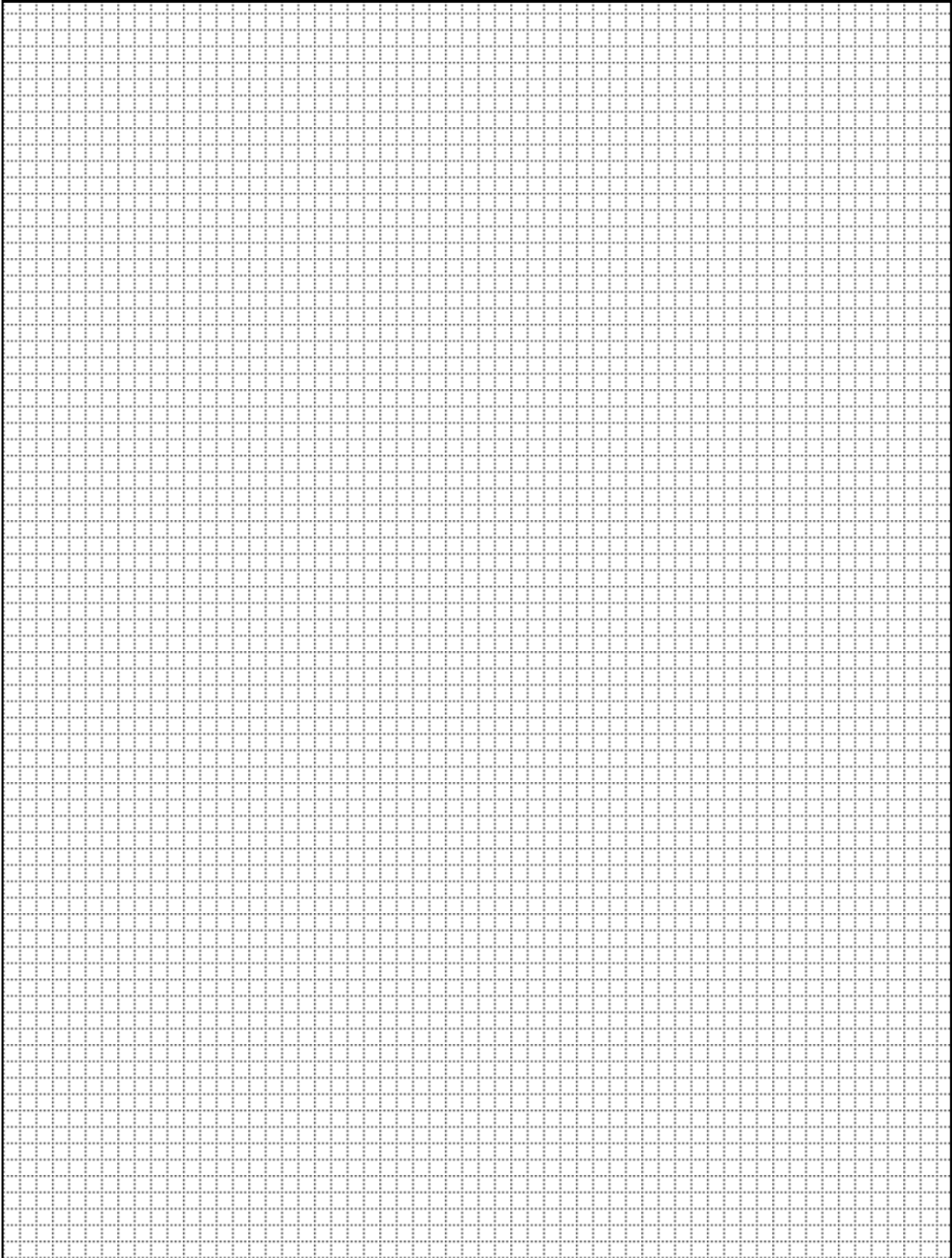
## 1. Site Plan

- A. All lot lines and lot dimensions.
- B. All existing and proposed building(s).
- C. Distance between lot lines and buildings (existing and proposed).
- D. Driveway with dimension.
- E. All existing and proposed utilities.
- F. All existing and proposed easements and right-of-way with dimensions.
- G. Building set back lines with dimensions.
- H. Drainage flow arrows.
- I. Location of 100 and 500 year flood zone boundary.
- J. Scale, North Arrow, Date, Contact information.
- K. Identify irrigation zones.
- L. Isolation Valve
- M. Backflow valve location.
- N. Water service and irrigation service lines.
- O. Irrigation layout.

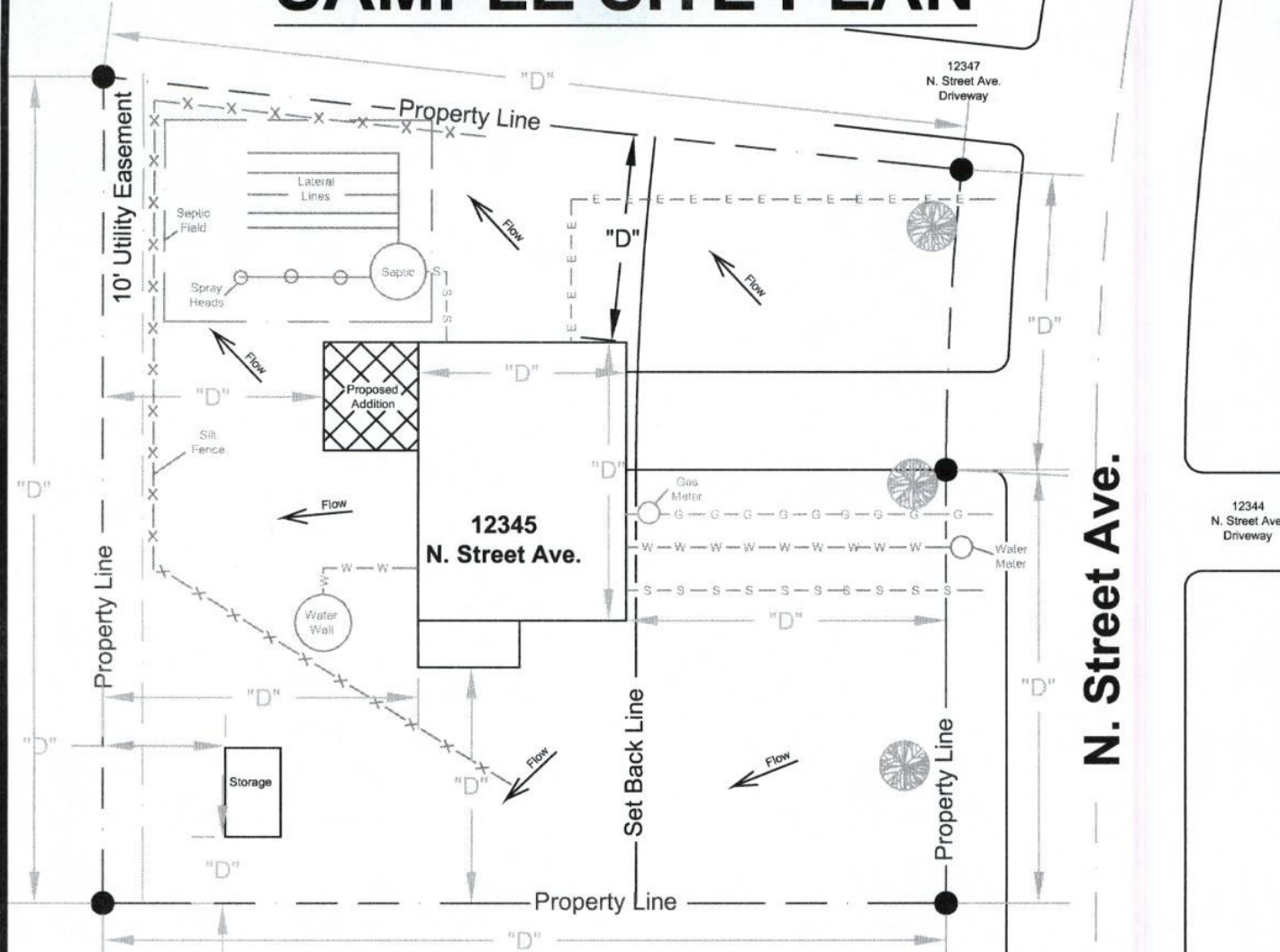
## 2. Documentation

- A. Plumber Backflow Application
- B. Electrical Permit Application (if applicable).
- C. Utility Application (if applicable).
- D. Manufactures Designs (specifications). (if applicable)
- E. Execute Easement. (if applicable)

**SITE PLAN**



# SAMPLE SITE PLAN



## LEGEND

	Drainage Flow Arrow
	Silt Fence (Erosion Control)
	Natural Gas Service Line
	Water Service Line
	Sanitary Sewer Service Line
	Electrical Service Line
	Tree

**John Doe**  
**(405) 555-5555**  
**Jan. 1, 20XX**



## CHECKLIST

- |  |  |
|--|--|
| <input type="checkbox"/> Address                     | <input type="checkbox"/> Driveway                            |
| <input type="checkbox"/> Street Name(s)              | <input type="checkbox"/> Neighboring Driveway                |
| <input type="checkbox"/> Property Line w/Dimensions  | <input type="checkbox"/> Landscaping                         |
| <input type="checkbox"/> Structure(s) w/Dimensions   | <input type="checkbox"/> Drainage Flow Arrows                |
| <input type="checkbox"/> Setback lines               | <input type="checkbox"/> Erosion Controls                    |
| <input type="checkbox"/> Existing/Proposed Utilities | <input type="checkbox"/> Flood Zone Boundary (if applicable) |
| <input type="checkbox"/> Water Service               | <input type="checkbox"/> Retaining Wall(s)                   |
| <input type="checkbox"/> Water Well                  | <input type="checkbox"/> Scale                               |
| <input type="checkbox"/> Sanitary Sewer Service      | <input type="checkbox"/> North Arrow                         |
| <input type="checkbox"/> Septic System               | <input type="checkbox"/> Date                                |
| <input type="checkbox"/> Electrical Service          | <input type="checkbox"/> Contact Information                 |
| <input type="checkbox"/> Natural Gas Service         |  |

**PLEASE**  
**USE BLANK PAGE**  
**ON BACK TO**  
**DESIGN A SITE**  
**PLAN**