

# Little Elm Fire Department Fire Marshal's Office



## Sign Specifications

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Pursuant to the International Fire Code (IFC); in an attempt to standardize IFC signage requirements and to facilitate fire department operations, the Fire Marshal's Office has established the following specifications of sign size, text, font, design and construction that indicate the location of fire department equipment and/or identifies location hazards.

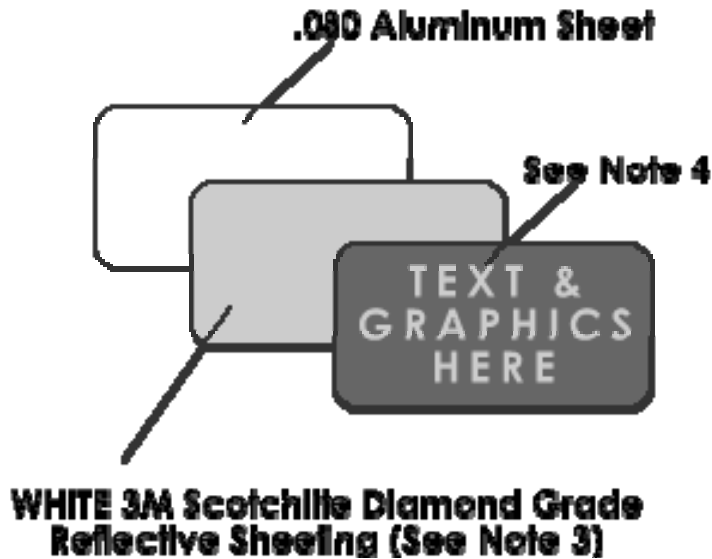
The signs in this document are the most common used signs in construction; however, this document is not intended to cover all circumstances. In the event that additional signs are required and are not listed in this document, the Fire Marshal will provide the specifications to use.

**NOTE: THE DIAGRAMS CONTAINED WITHIN THIS DOCUMENT ARE PROVIDED AS EXAMPLES ONLY.**

**PLEASE VERIFY WITH THE FIRE MARSHAL'S OFFICE FOR THE CORRECT VERBAGE AND REQUIRED SIGNS.**

**ALL SIGN LAYOUTS MUST BE APPROVED BY THE FIRE MARSHAL'S OFFICE.**

## SIGN CONSTRUCTION SPECIFICATIONS



1. THE SIGN FACE SHALL BE SIZED AS INDICATED IN COORESPONDING SPECIFICATIONS AND FABRICATED FROM .080 ALUMINUM SHEET WITH MINIMUM OF .75" RADIUS CORNERS.
2. FONT STYLE USED IS HANDEL GOTHIC BT CAPITAL FONTS WITH ADDITIONAL KERNING BETWEEN LETTERS.
3. THE SIGN FACE SHALL HAVE A WHITE 3M DIAMOND GRADE REFLECTIVE SHEETING (3990 SERIES VIP TYPE IX) APPLIED AS A BACKGROUND.
4. LETTERING / GRAPHICS SHALL BE ONE OF THE FOLLOWING:
  - A.) 3M ELECTROCUT FILM RED 1172 OR ORACAL 8300 TRANSPARENT CAL 201C RED, OR EQUIVELANT IN DURABILTY, INVERSE CUT TO ALLOW WHITE REFLECTIVE BACKGROUND TO SHOW THROUGH LETTERING.
  - B.) SCREEN PRINTED USING 3M 8801 SERIES TRAFFIC SIGN RED TRANSLUCENT INK.

BOTH PROCESSES (A or B) WILL ACCOMPLISH A **RED FIELD WITH WHITE COPY**.
5. WHEN SIGN IS TO BE USED IN BUILDING INTERIORS IT MAY NOT BE REQUIRED TO USE REFLECTIVE BACKGROUND.
6. ALL SIGNAGE AND CHANGES MUST BE PRE-APPROVED BY THE FIRE MARSHAL'S OFFICE.

## **FIRE DEPARTMENT CONNECTION SIGNAGE**

Any building that has an automatic fire suppression (sprinkler) system requiring a fire department construction (FDC) shall indicate the location of the FDC with the appropriate signage.

The FDC sign shall be lettered as shown in the examples and must have the address and suite / suite range (where applicable) that the FDC / sprinkler system covers.

The Fire Marshal's Office understands that there are unique situation to each building/site and have provided several options to facilitate fire suppression activities; however, due to the complexity of some buildings/sites, the Fire Marshal may require specific lettering or and/or additional signage.

**Please note: ALL SIGN LAYOUTS MUST BE APPROVED BY THE FIRE MARSHAL'S OFFICE.**

It is suggested that the approval is obtained prior to ordering any signage. This will help reduce cost in the event of an error. Below are several examples.



***12x12 - .080 Aluminum substrate  
"FDC" – 3" Height  
Address – 1" Height***

***Sign Construction shall be as indicated above***

All FDC(s) for new construction shall be Remote. In the event that an existing building has a wall mounted FDC or that FDC is adjacent to the building, the FDC sign may, with approval, be mounted to the wall behind/directly above the FDC seven (7) feet AFF.

For true remote FDC locations, the mounting of the FDC sign shall be on a sign post that extends a minimum of six (6) feet AFF; or, shall be mounted using pipe bolts directly to the FDC Pipe. If the pipe is too low for the sign a sign post will be required. This allows the arriving fire apparatus to locate the remote FDC in a promptly. In addition the street number shall be included as noted in the previous section on FDC signage.

## FDC PROTECTION



**12x6 - .080 Aluminum substrate**  
**"DO NOT BLOCK" – 3" Height**  
**"By Order of Fire Marshal" – 1" Height**

**Sign Construction shall be as indicated above**

If an FDC is not directly protected by a fire lane, it shall have posted a 12" x 6" sign that reads "DO NOT BLOCK – BY ORDER OF FIRE MARSHAL" placed on the sign post with the FDC sign or on the riser pipe. This serves as a notice to the general public and as a reminder to property owners and managers that it is a violation of fire code to obstruct the FDC with vehicles, landscaping, etc.

## RISER ROOM SIGNAGE

Fire sprinkler control rooms (riser rooms) shall be identified with a 12" x 12" sign. In the event the fire alarm system panel and/or other fire department equipment is in the same room as the riser, the sign shall include lettering identifying both.

If a **Pump** is utilized, the term "FIRE PUMP" shall replace "FIRE ALARM".

If the Alarm Panel is not located in the Riser Room the Term "FIRE ALARM" shall be deleted and the remainder of the text adjusted appropriately.

All signage must be approved by the Fire Marshal's Office and additional verbiage or signage may be required.



**12x12 - .080 Aluminum substrate**  
**Top Line ("Fire Alarm / Pump) – 1" Height**  
**"Riser Room" – 2" Height**  
**Address; Suite / Suite Range - .75"**  
**"Storage Prohibited" - .75"**

**Sign Construction shall be as indicated above**

**FIRE DEPARTMENT RISER ZONE SIGNS  
(for multiple riser systems)**

If a sprinkler system is supplied with multiple risers, each riser zone shall be identified using the required signage.

Each zone shall be uniquely identified by geographic service area or by other means and shall be accompanied by a reduced zone map (sprinkler plans) mounted to the wall(protected) and colored keyed.

The following are examples of Zone Signs:



*4x8 - .080 Aluminum substrate  
Letters – 1" Height*

*Sign Construction shall be as indicated above*

**POST INDICATOR VALVES**

Post indicator valves shall be identified. Sign specifications at the beginning of this document shall be used. Signs shall be posted, with the base of the sign located at 4 feet above grade, on the wall above the PIV or secured to a heavy duty U channel post and secured in the ground with cement. Lettering must be approved by the Fire Marshal's Office.

*FOR Single PIV  
12" x 12" - .080 Aluminum substrate  
Letters – 3" Height*

*Sign Construction shall be as indicated above*



*FOR PIV with Bldg. Number  
12" x 12" - .080 Aluminum substrate  
Letters – 2.5" Height*

*Sign Construction shall be as indicated above*



## **PUMP TEST HEADER**

If a fire pump is installed as part of the building's fire suppression system, the following sign shall be placed above the pump test header and shall follow the sign construction specs at the beginning of this document.



*18x12 - .080 Aluminum substrate*

*"Do Not" – 2" Height*

*"Pump" – 2.5" Height*

*"Into These Fittings" - 1.5"*

*Sign Construction shall be as indicated above*

## **FIRE ALARM**

Rooms that contain the fire alarm panel shall be identified with a 6" x 8" sign that reads, "F.D. ALARM PANEL".



*6" x 8" - .080 Aluminum substrate*

*Letter – 1.25"*

*Sign Construction shall be as indicated above*

Remote Annunciators shall have a sign posted that indicates the location of the main FACP. Letter shall be a minimum of one (1) inch in height and shall read "FACP LOCATED \_\_\_\_\_"

## **FIRE DEPARTMENT ACCESS**

100 West Eldorado  
Little Elm, Texas 75068-5060

214-975-0424  
214-975-0776 (Fax)

In the event any fire department access systems (i.e. Knox box, key switches, etc.) serves multiple tenants or is in an area that is not obvious, confusing, not readily identifiable, or where required by the fire marshal the following sign shall be provided and located as approved. Sign specifications at the beginning of this document shall be used.

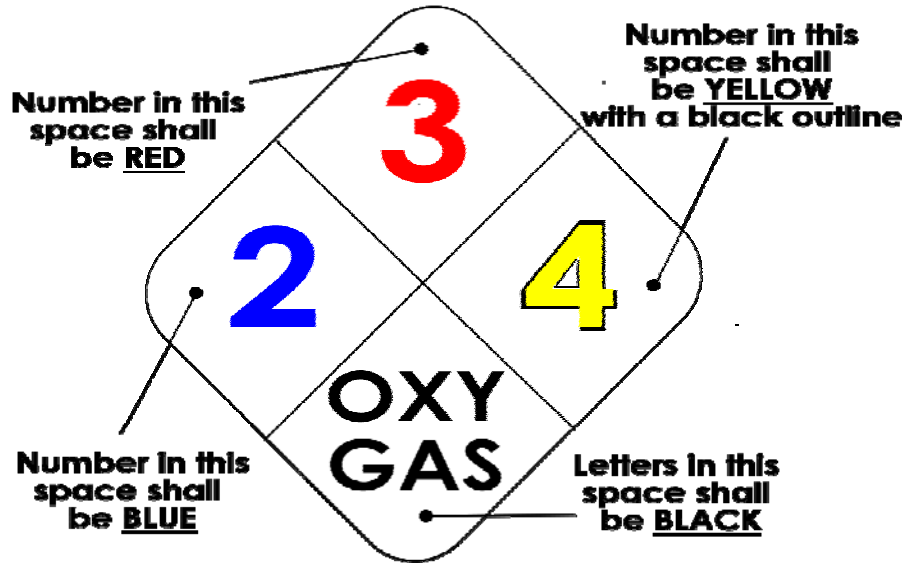


***6" x 8" - .080 Aluminum substrate  
Letter – 1.25"***

***Sign Construction shall be as indicated above***

## HAZARDOUS MATERIALS IDENTIFICATION

Where compressed gases, hazardous materials or required by the Fire Marshal, an NFPA 704 (Fire Diamond) shall be posted at a location on the premise as approved by the Fire Marshal's Office.



The sign shall be constructed out of .080 aluminum construction with rounded corners. The sign face shall have a white diamond grade reflective background. Numbers and Letters shall be arranged by color as shown above and be constructed of an engineer grade reflective vinyl..

**The materials on site will dictate the numbers in each category.** In the event of multiple hazardous materials, the numbers shall reflect the highest hazard of each category.

Numbering shall be a minimum of 3.5" high with an 11/16" stroke width.

Lettering for the Special Hazard Box shall be as follows:

One Line:	1 3/4" high w/ 9/16" stroke width
Two Lines:	1 3/8" high w/ 7/16" stroke with
Three Lines:	1 1/4" high w/ 3/8" stroke width