

ANNA FIRE DEPARTMENT



Sign Specification Guide

Pursuant to the 2015 International Fire Code (IFC) and to facilitate fire department operations, the following specifications of sign size, text, font, design, and construction have been established. Signs contained in this guide indicate the location of fire department related equipment and assist our staff in identifying the location of hazards.

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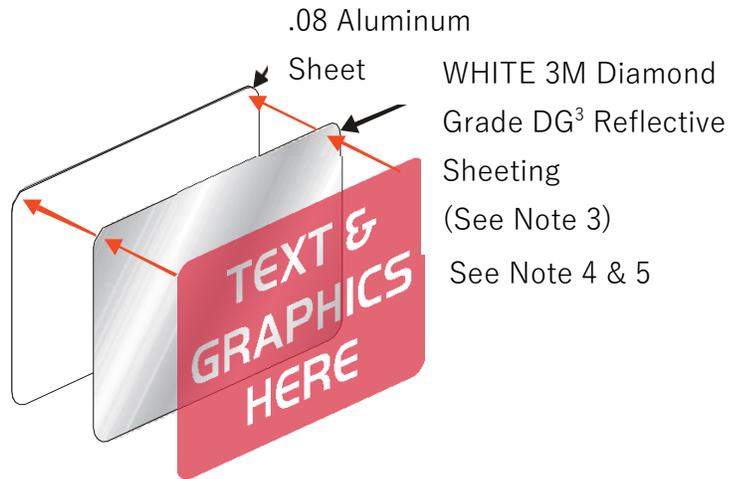
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NOTE: THE DIAGRAMS CONTAINED WITHIN THIS DOCUMENT ARE PROVIDED AS EXAMPLES ONLY.

PLEASE VERIFY WITH THE FIRE DEPARTMENT THE CORRECT VERBAGE AND REQUIRED SIGNS.

ALL SIGN LAYOUTS MUST BE APPROVED BY THE FIRE MARSHAL.

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. SIGNS USED IN BUILDING INTERIORS ARE NOT REQUIRED TO USE A REFLECTIVE BACKGROUND.
6. ALL SIGNAGE AND CHANGES MUST BE PRE-APPROVED BY THE FIRE MARSHAL.

FIRE DEPARTMENT CONNECTIONS

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 fire department understands that there are unique situations to each building/site and has 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 signage.

Please note: ALL SIGN LAYOUTS MUST BE APPROVED BY THE FIRE MARSHAL. It is suggested that the approval is obtained *prior* to ordering any signage. This helps reduce cost in the event of an error. Below are several examples:



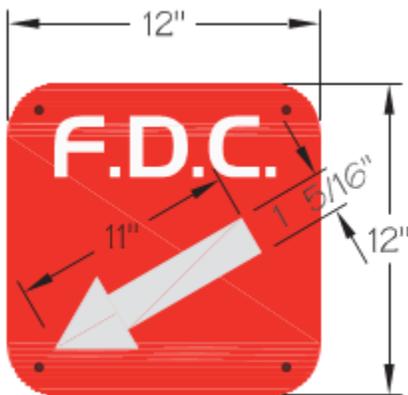
*12 X 12 inch - .080 Aluminum substrate
"FDC" - 3" Height
Address - 1" Height*



12 X 12 inch - .080 Aluminum substrate

"FDC" - 3 X $\frac{1}{2}$ inch

Address - 1 $\frac{7}{16}$ X $\frac{9}{32}$ inch



WALL MOUNTED FDC's

Wall mounted FDC's shall have a 12" X 12" sign affixed at seven (7) feet AFF directly over the FDC.

Exceptions:

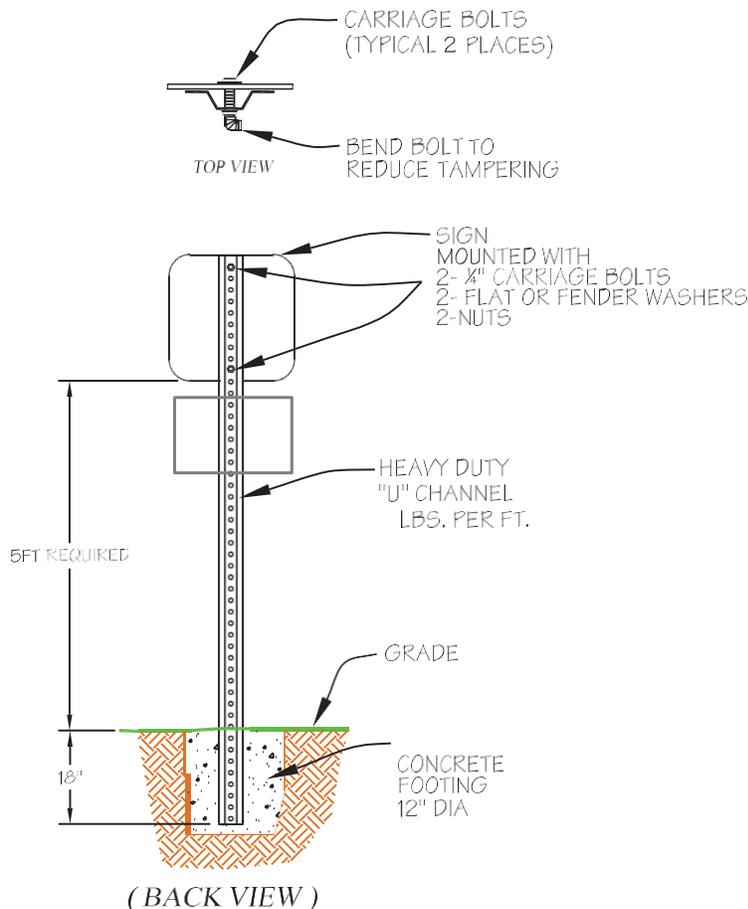
If the FDC is in an awkward location that would cause difficulty in locating, the inclusion of a directional arrow or additional signage may be required.

The sprinkler system design shall dictate the lettering required on the signage as approved by the Fire Marshal.

REMOTE FDC's

The mounting of the sign shall be as on a sign post that extends a minimum of five (5) 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 addition, the street address number shall be included as noted in the previous section on FDC signage. It may be required, depending on the location of the remote FDC, to include the full address.

REMOTE FDC SIGN INSTALLATION DETAIL



(FRONT VIEW)

FDC PROTECTION

All FDC's either remote or wall located shall have an 8" x 12" sign that reads "DO NOT BLOCK – BY ORDER OF FIRE MARSHAL" placed directly over the FDC. This serves as a notice to the general public and as a reminder to property owners/managers that it is a violation of fire code to obstruct the FDC with vehicles, landscaping, etc.



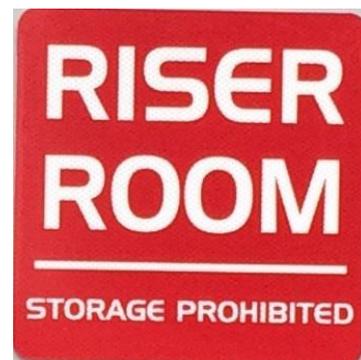
12 X 6 inch - .080 Aluminum substrate
"DO NOT BLOCK" - 3" Height
"BY ORDER OF FIRE MARSHAL" - 1" Height

RISER ROOM SIGNAGE

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



12 X 12 inch - .080 Aluminum substrate
"FIRE ALARM" - 1" Height
"RISER ROOM" - 2" Height
Address; Suite / Suite Range - .75"
"STORAGE PROHIBITED" - .75"



(EXAMPLES)



2" LETTERING
3/8" STROKE
2 1/2" LETTERING
1/2" STROKE
11/16" LETTERING
1/8" STROKE

Sign 12" x 12"

(ADDITIONAL APPLICATIONS)

FIRE DEPARTMENT RISER ZONE SIGNS

(for multiple fire riser systems)



*4 X 8 inch - .080 Aluminum substrate
Letters - 1" Height*

FIRE ALARM

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



*6 X 8 inch - .080 Aluminum substrate
Letters - 1.25" Height*

NOTE: Fire Alarm Remote Annunciators shall have a sign posted indicating the location of the main Fire Alarm Control Panel (FACP). Letters shall be a minimum of one (1) inch in height and shall read as follows: "FACP LOCATED _____"

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.



*18 X 12 inch - .080 Aluminum substrate
"DO NOT" - 2" Height
"PUMP" - 2.5" Height
"INTO THESE FITTINGS" - 1.5" Height*

ROOF ACCESS

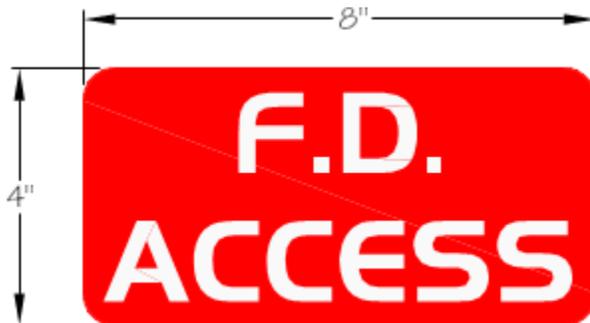
If there is roof access that is not accessible from the exterior of the building the following sign shall be installed on the door of the room containing the ladder. The sign specs at the beginning of this document shall be used.



*8 X 6 inch - .080 Aluminum substrate
Letters - 2" Height*

FIRE DEPARTMENT ACCESS

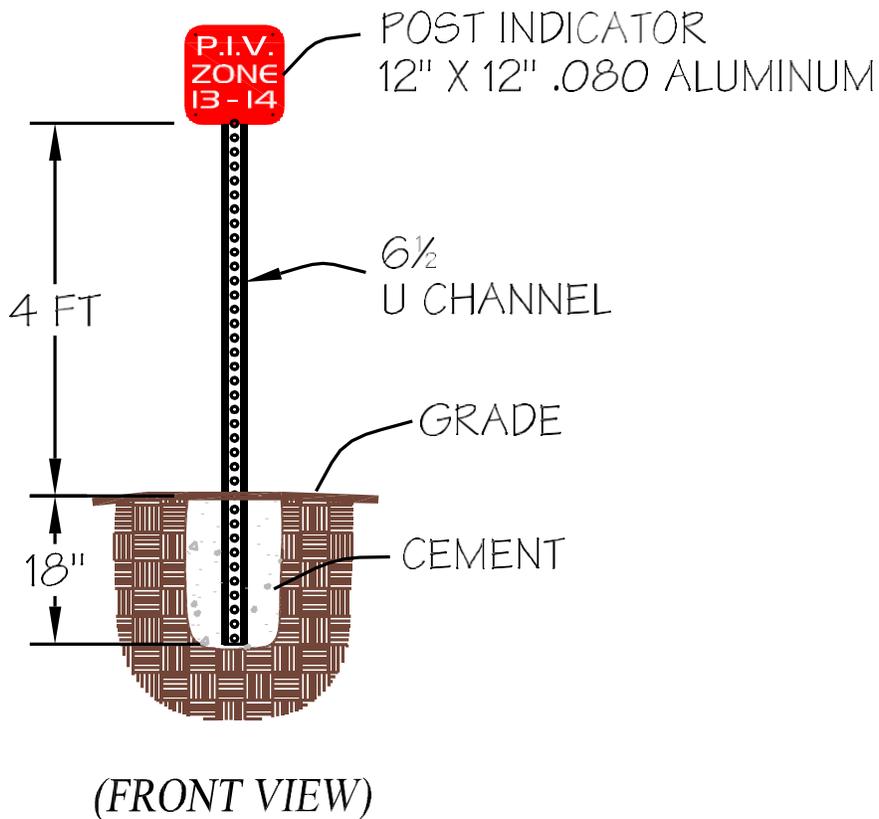
If any fire department access system (i.e. Knox box, key switches, etc.) is in an area that is not obvious, is confusing, or is not readily identifiable, the Fire Marshal will require the following sign be installed as approved. Sign specifications at the beginning of this document shall be used.



*8 X 4 inch - .080 Aluminum substrate
Letters - 1.25" Height*

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.





*For Single PIV
12 X 12 inch - .080 Aluminum substrate
Letters - 3" Height*

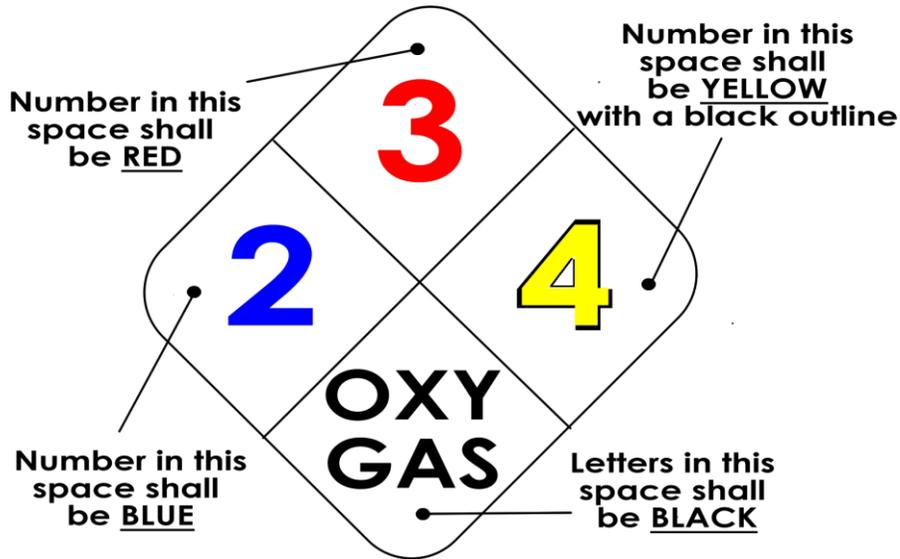


*For PIV with Bldg. Number
12 X 12 inch - .080 Aluminum substrate
Letters - 2.5" Height*

HAZARDOUS MATERIALS IDENTIFICATION (12" X 12")

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

Note: Numbers indicated in placard below are examples only! The materials on site dictate the numbers in each category.



EXAMPLE

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.

If multiple hazardous materials are present, the numbers shall reflect the highest hazard in 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

DIESEL FUEL

Generators with day tanks or above ground diesel storage tanks shall be identified. The sign shall be posted on the exterior of the enclosure or in a location approved by the Fire Marshal. Sign specifications at the beginning of this document shall be used.

8" x 6"



*8 X 6 inch - .080 Aluminum substrate
Letters - 1.5" Height*

**1.5" Letters
1/2" stroke**

AUTOMATIC GATE SIGNAGE

When an automatic gate is obstructing a fire lane, a permit is required to be obtained prior to installation. Please see the "Automatic Gate" Policy Statement. Signs that may be required are identified below. Additional signs may also be required.

18"



**1 1/8" WHITE LETTERING
1/4" STROKE**

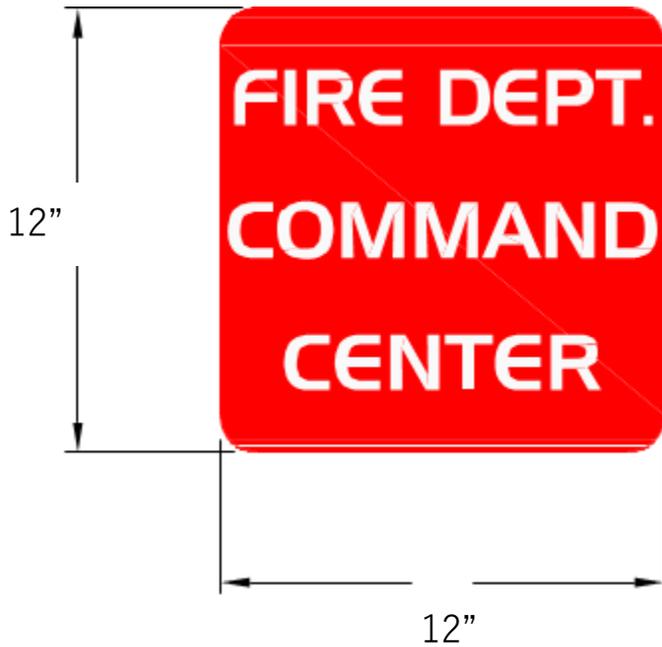
9"



**1" LETTERING
1/4" STROKE**

FIRE COMMAND CENTER

The following sign shall be installed on the outside of the entry door to the Fire Command Center/Room. This room may be provided as the principal attended or unattended location, in high-rise buildings, where the status of the detection/alarm/communications and control systems are displayed, and from which the system(s) can be manually operated.



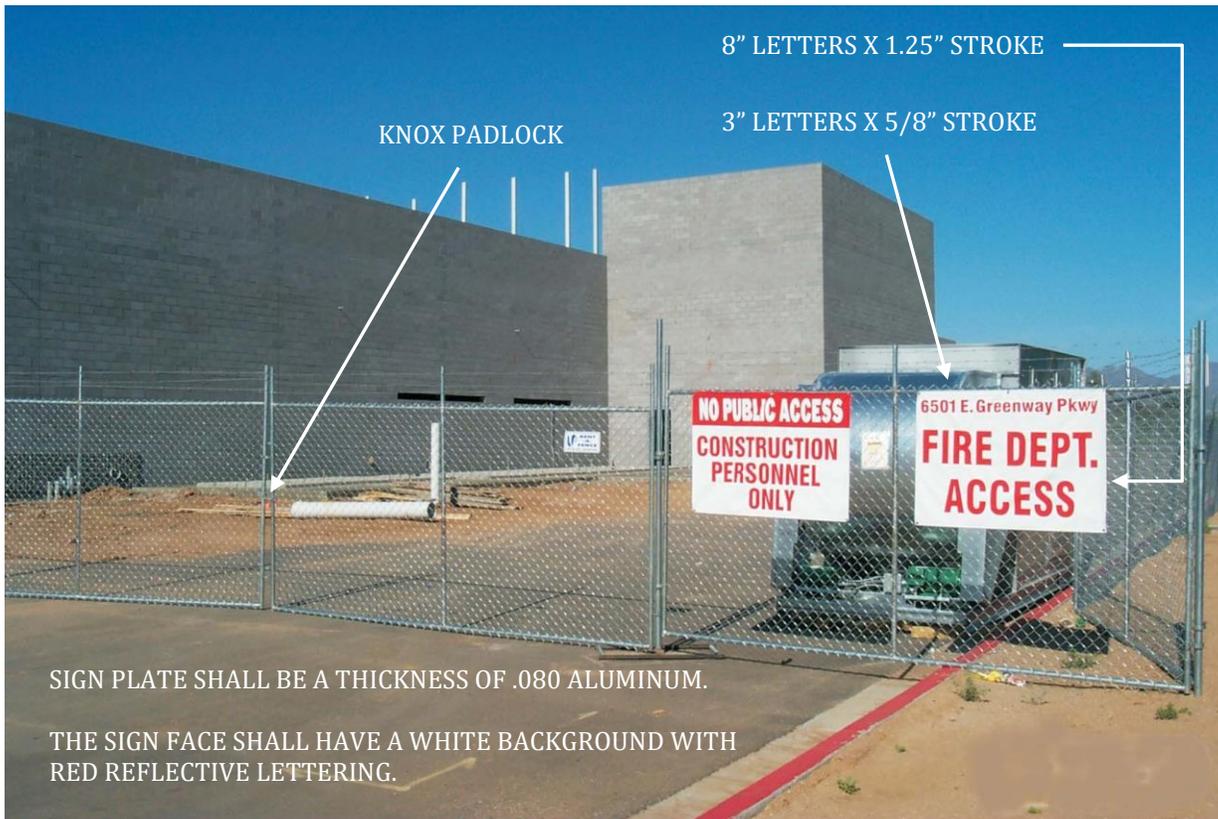
***12 X 12 inch - .080 Aluminum substrate
Letters - 1.5" Height***

CONSTRUCTION SITE ACCESS

(for temporary construction gates and related access)

Fire Department access shall be provided and continually maintained during construction activities. A long-throw Knox padlock (provided by the General Contractor) shall be utilized at the access location. See the illustration below for details.

***NOTE:** All permanent gate systems require fire a permit.*



Additional Building Signage Checklist

Below is a checklist for the general signage in new buildings as required by the 2015 edition of the International Building Code (IBC) and International Fire Code (IFC). The checklist includes the type of sign required, a description of what the sign should state, details about locations of the sign, and the code sections that pertain to each sign. *This is only a guide.* Not all signage will be applicable for all projects. Fire Department signage may be required that is not list below (see requirements contained in previous sections of this guide). If you need assistance determining if signage is required, please contact your fire inspector.

<input type="checkbox"/>	ACCESSIBILITY DIRECTIONS	Directional signage indicating route to nearest accessible element. These directional signs must also include the International Symbol of Accessibility to be provided at the following locations: Inaccessible building entrances, Inaccessible public toilets and bathing facilities, Elevators not serving an accessible route, Exits serving required accessible spaces that do not have approved accessible means of egress.	IBC 1110.2
<input type="checkbox"/>	AREAS OF REFUGE	"AREA OF REFUGE" Each door providing access to an area of refuge from the adjacent floor shall be identified by a sign. Where exit sign illumination is required, the sign must be illuminated.	IBC 1007.9
<input type="checkbox"/>	DELAYED EMERGENCY EXIT DOORS	"PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN ___SECONDS" Approved delayed egress locks are permitted to be installed in buildings equipped with an approved fire protection and suppression system.	IBC 1008.1.9
<input type="checkbox"/>	ELECTRICAL CONTROL	Doors into electrical control panel rooms shall be marked with a plainly visible and legible sign stating ELECTRICAL ROOM or similar approved wording. The disconnecting means for each service, feeder or branch circuit originating on a switchboard or panelboard shall be legibly and durably marked to indicate its purpose.	IFC 605.3.1
<input type="checkbox"/>	ELEVATOR EMERGENCY SIGNS	"IN FIRE EMERGENCY, DO NOT USE ELEVATOR. USE STAIRS" Standardized design of approved picture and text is to be posted adjacent to every elevator call station.	IBC 3002.3
<input type="checkbox"/>	EXITS	Exits are to be marked by an approved exit sign visible from any direction of egress travel. Intervening means of egress doors within exits shall be marked by exit signs. Exit sign placement shall be such that no point in an exit access corridor or exit passageway is more than 100 feet from the nearest visible exit sign.	IBC 1011.1
<input type="checkbox"/>	FIRE DEPARTMENT CONNECTIONS	See requirements contained in previous sections of this guide.	IFC 912.4
<input type="checkbox"/>	FIRE DOORS	"FIRE DOOR-DO NOT BLOCK" or "FIRE DOOR-KEEP CLOSED" Sign is to be permanently displayed on or adjacent to each fire door in letters not less than 1 inch high.	IFC 703.2.1
<input type="checkbox"/>	FIRE HOSE CABINETS	Fire cabinet equipment identified by approved signage. Sign is to be permanently attached with letters not less than 2 inches high in a contrasting color.	IBC 905.7.1

<input type="checkbox"/>	FIRE PROTECTION EQUIPMENT SIGNS	Fire protection equipment shall be identified in an approved manner. Rooms containing controls for sprinkler risers and valves, or other fire detection, suppression or control elements shall be identified for the use of the fire department. See requirements contained in previous sections of this guide.	IFC 509.1
<input type="checkbox"/>	FLOOR IDENTIFICATION	Floor level, story of exit discharge, roof access from exit enclosure. Signs shall be provided on each floor landing where exit enclosures connect more than 3 floors. Signs shall be located 5 feet above the floor landing.	IBC 1022.8
<input type="checkbox"/>	HAZARD IDENTIFICATION	Hazard identification placard, numbered and color-coded "fire diamond" Identifies the risk of hazardous materials, as specified in NFPA 704.	IFC 2397.5
<input type="checkbox"/>	KEY LOCKS ON EGRESS SIDE OF DOORS	"THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" Sign shall be posted on the egress side on or adjacent to the door and have letters at least 1 inch high.	IBC 1008.1.9
<input type="checkbox"/>	NO SMOKING	"NO SMOKING" Signs are to be posted in conspicuous locations in each location in which smoking is prohibited.	IFC 310.3
<input type="checkbox"/>	OCCUPANT LOAD	Every room or space that is an assembly occupancy shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access doorway from the room or space. Posted signs shall be of an approved design.	IBC 1004.3
<input type="checkbox"/>	PREMISES IDENTIFICATION	Buildings shall have address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property and from all rear alleyways / access. Where required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response. These numbers shall contrast with their background; color selection shall accommodate all lighting conditions. Address numbers shall be Arabic numbers or alphabetical letters. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure.	IFC 505.1
<input type="checkbox"/>	RATED BARRIERS	"FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" Any wall required to have protected openings or penetrations shall be permanently identified with signage.	IBC 703.6
<input type="checkbox"/>	TWO-WAY COMM. SYSTEM	Directions for summoning assistance and written identification of the location to be posted next to any two-way communication system.	IBC 1007.8.2

Vendor List

This list is provided to assist you in locating companies that are familiar with the Anna Fire Department's signage requirements. You may use any of these companies or any company of your choice. Please be advised that the sign construction specs are very specific in the material that is required.

Rogers Signs
205 W. Main St.
Suite C
Allen, TX 75013
(972) 359-7264

FASTSIGNS of McKinney
401 S. Central Expressway
Suite 101
McKinney, TX 75070
(469) 742-0425
(469) 742-0505 Fax
E-mail: 473@fastsigns.com

FASTSIGNS of Plano
1915 N. Central Expressway
Suite 900
Plano, TX 75075
(972) 881.7446
(972) 424.3842 Fax

Interstate Highway Signs
7415 Lindsey Road
Little, Rock, AR 72206
(501) 490-4242

Sign*A*Rama
Alan Schmoyer
(214) 544-7446
(972) 542-7079 Fax
www.signarama-mckinney.com

Charlotte Patterson
C. Patterson Advertising
510 Cherry Park Dr.
Sherman, TX 75090
(903) 893-7951
(903) 868-8847 Fax
E-Mail: charlie4@texoma.net
