

10C.1 General

Use signs and posters to inform visitors of current fire hazard and use restrictions. Erect Smokey Bear or Fire Wheel Rating signs where the public needs to be informed of potentially dangerous fire conditions. The typical locations for the placement of these signs are at Ranger Stations, near forest boundaries and recreation complexes, and along roads in extreme fire hazard areas.

Remove or cover the signs when the restrictions or hazards are no longer in effect. Refer to Chapter 3C for guidelines on placing signs along roads and highways. See Chapter 11 for fire management posters.

10C.2 Smokey Bear Fire Rating Sign

The color decal reproduction of Smokey and the fire danger adjectives are available from:

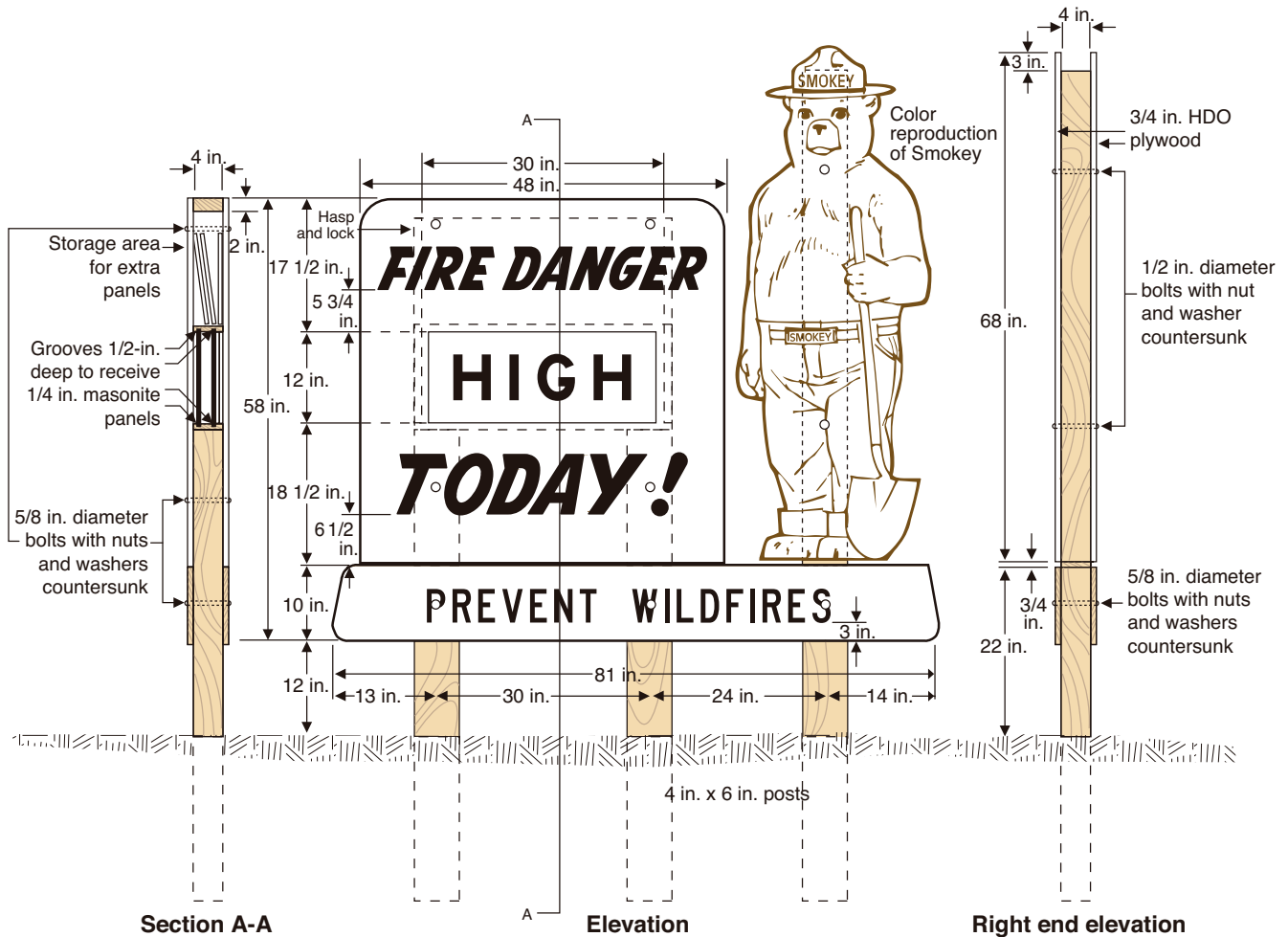
- The Cooperative Fire Prevention (CFFP) Materials Catalog. Contact the Regional Fire Coordinator or State Forester for the CFFP catalog.
- The Smokey Item Cache, Symbols COE Cache, Grand Rapids, MN 55744 www.symbols.gov or 218-327-4282.
- UNICOR (Federal Prison Industries).

Sign manufacturers can make the FIRE DANGER TODAY and PREVENT WILDFIRES panels of the sign. Signs should be ordered as retroreflective white on retroreflective brown mounted on HDO plywood. Manufacturers can also cut the HDO plywood panels for the fire danger adjectives and the Smokey decal, which is cut to the Smokey shape, and mount the adhesive-backed Smokey and fire danger adjectives on these panels.

Figures 10C-1, 10C-2, and 10C-3 give construction and installation details for the Smokey Bear Rating sign.



SBR



Note: For single-face sign, make modifications as required, but maintain box-frame construction.

Text layout colors are reversed for clarity. For text dimensions, see Figure 10C-3.

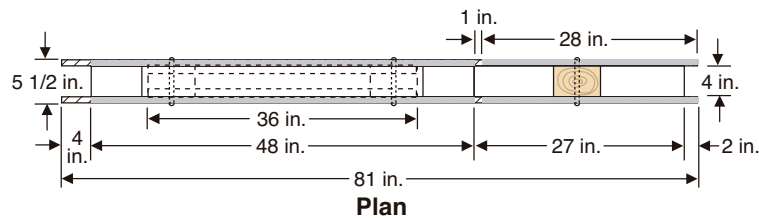


Figure 10C-1—Smokey Bear Fire Rating sign detail.

The Fire Danger and Prevent Wildfires panels can be HDO and retroreflective, MDO routed or dimension lumber. If other than HDO or MDO, increase width dimensions to match materials used.

Painted, Routed Colors

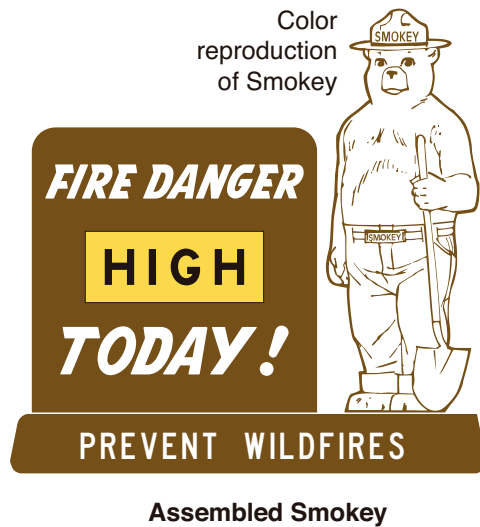
Legend – Yellow-cream (#23695)

Background – Brown (#20059)

Fully Retroreflective Colors

Legend – White

Background – Brown



Sign number/side	Background Color	Legend Color	Legend size & series (inches)
SBR-2 Front	Red	White	6C
SBR-2 Back	Orange	Black	6C
SBR-3 Front	Yellow	Black	6E
SBR-3 Back	Blue	White	6C
SBR-4 Front	Green	White	6E
SBR-4 Back	Blank	—	—

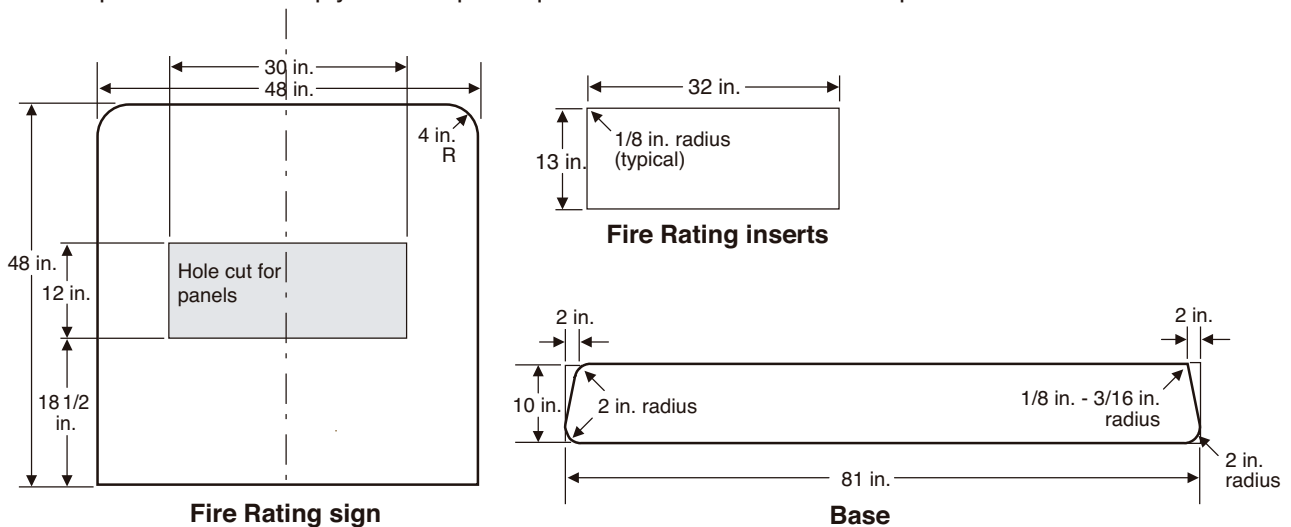
Center all text on panel

Colors

Panel colors are the standard highway colors given in the MUTCD for retroreflective sheeting.

Smokey

Sign manufacturer to mount Smokey reproductions on 3/4-inch HDO plywood cut to shape. Put reproduction on the plywood as per requirements included with the reproduction.



Fabricate these pieces out of 3/4-inch HDO plywood. Cover face of fire rating signs and base with brown retroreflective sheeting and place white retroreflective legends as indicated in Figure 10C-1. Put retroreflective sheeting in the colors and with the legends as shown above on fire rating inserts.

Figure 10C-2—Smokey Bear Fire Rating sign detail.

The diagram shows a fire rating sign with the following text and dimensions:

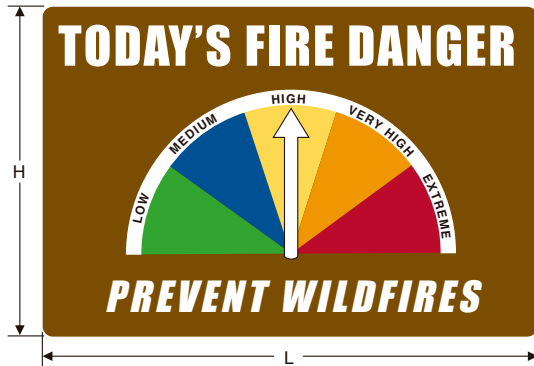
- FIRE DANGER**: Each letter is 6" high.
- TODAY!**: Each letter is 8" high.
- PREVENT WILDFIRES**: Each letter is 4" high.

Figure 10C-3—Smoky Bear Fire Rating Sign detail.

10C.3 Fire Wheel Rating Sign

The Fire Wheel Rating sign is a less expensive sign that may be suitable for many locations. It gives a more visual representation of the ratings to the public.

Construction and installation plans are shown in Figure 10C-4.



Notes

1. Arrow is slotted with a moveable bolt to secure in each rating segment.
2. Embed threaded nut in each segment for arrow bolt.
3. Use “hanging” version for double-sided sign with message and arrow on both sides.
4. It is suggested the sign board be 3/4-inch HDO plywood and sign face be retroreflective sheeting.
5. Use standard highway colors given in the MUTCD.

Sign size (inches)		Traffic speed (mph)	Post dimensions (inches)	Today's Fire Danger (inches)	Prevent Wildfires/Forest Fires (inches)	Wheel size radius (inches)	Letters in wheel segments (inches)
H	L						
48	72	45+	4 x 6 (6 parallel to road)	6	4	24	1 1/2
36	60	30 to 40	4 x 4	5	4	18	1
24	48	25 and less	4 x 4	4	3	12	3/4

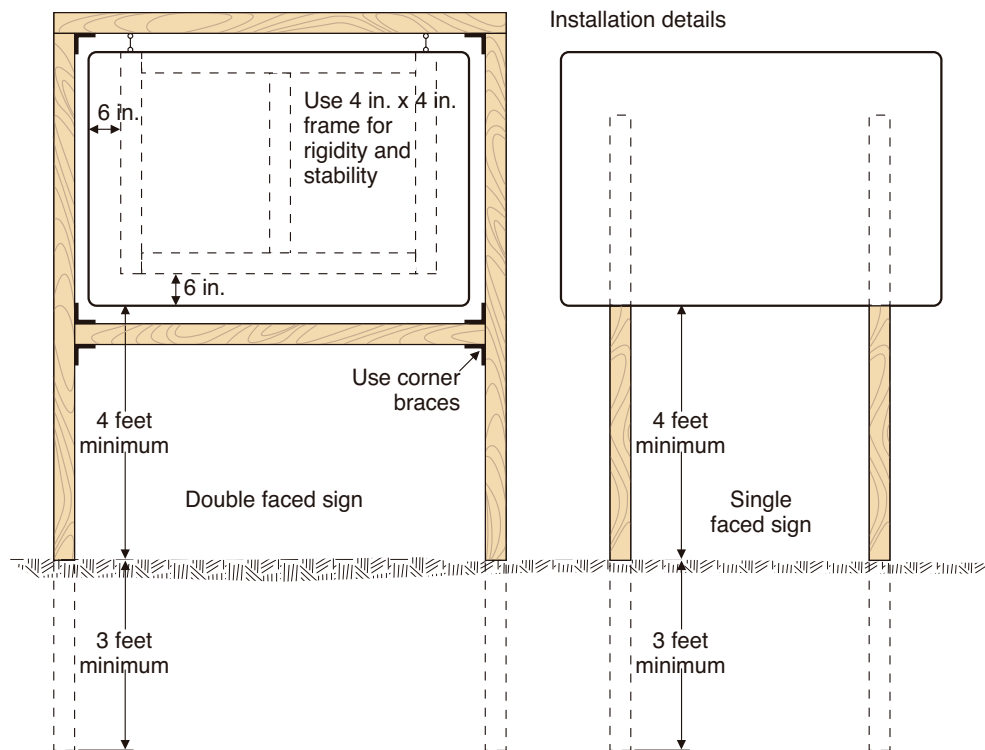


Figure 10C-4—Fire Wheel Rating sign.