

## **MANHOLE TENT**

### **1. GENERAL**

- 1.01** This section describes the Manhole Tent and outlines the method of erecting it.
- 1.02** This section is reissued to show a vertical slot that is now provided to facilitate the use of a C or D Warning Mast.
- 1.03** This tent is used over the square manhole guard for the protection of workmen and equipment in manholes during inclement weather.

### **2. DESCRIPTION**

- 2.01** The Manhole Tent (Fig. 1) consists of a cover and two pipe assemblies.
- 2.02** The cover is made of shelter-tent army duck with a vinyl afterfinish and is fire, water, mildew, and weather-resistant. The base of the tent is 36 inches square and has a ground flap approximately 7 inches wide. The top of the tent slopes off to fit over the rear side of the manhole guard which is approximately 45 inches high. The erected tent is 70 inches high.
- 2.03** An opening in the cover extends the full height of the tent to permit ease of entry and exit. Snap hooks and rings sewn to the cover at the opening are used for closing the entrance.

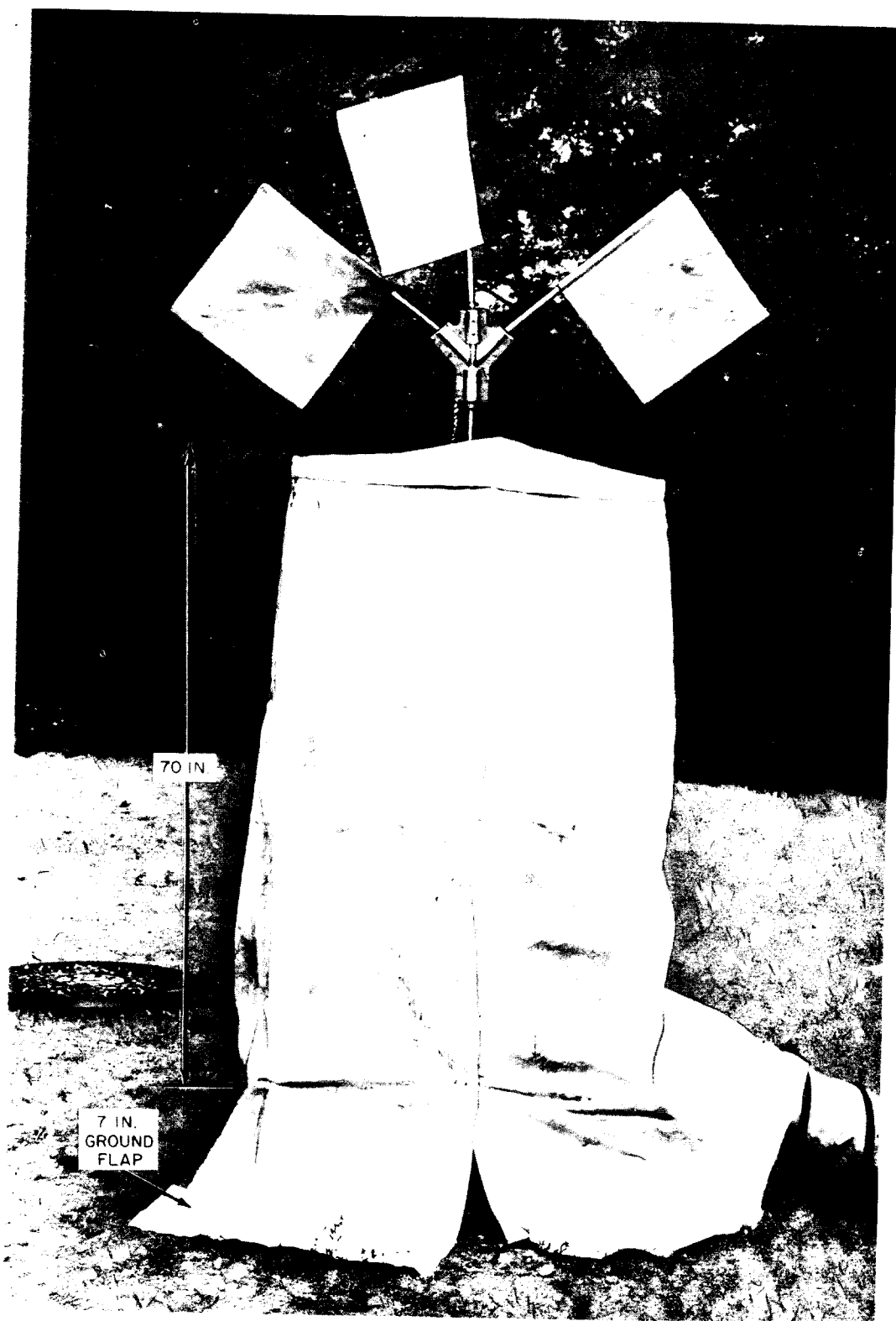
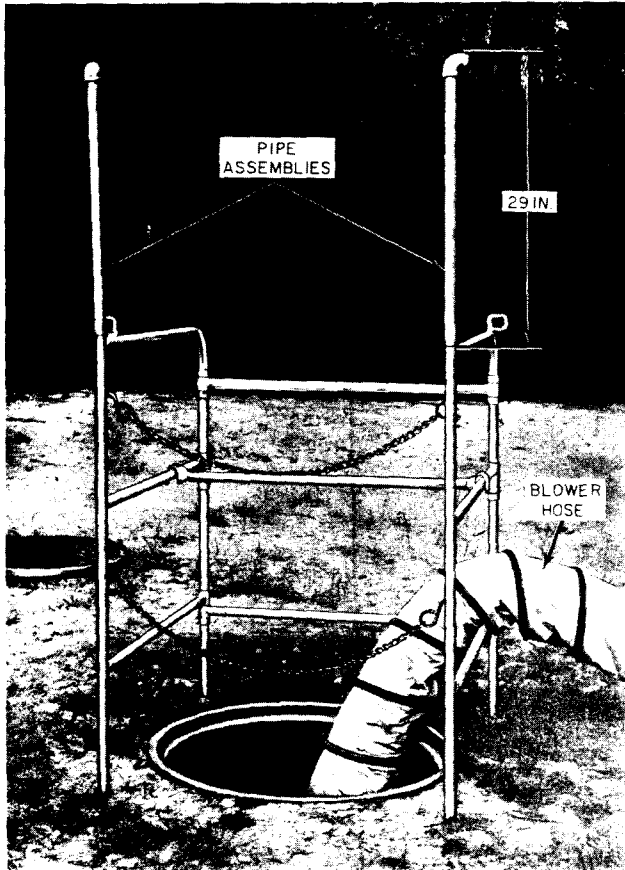


Fig. 1—Manhole Tent With Flaps Closed

**2.04** Each of the two pipe assemblies consists of a length of 3/4-inch galvanized steel pipe fitted with an elbow on one end and a steel pin extending 4 inches from the other end. The pins fit into the top of the front uprights of the manhole guard. (Fig. 2). Overall length of each pipe assembly is 29 inches.



**Fig. 2—Manhole Guard With Tent Pipe Assemblies in Place**

**2.05** Sewn to the upper inside front corner on each side of the tent is a sleeve approximately 22 inches long which accommodates the pipe assemblies.

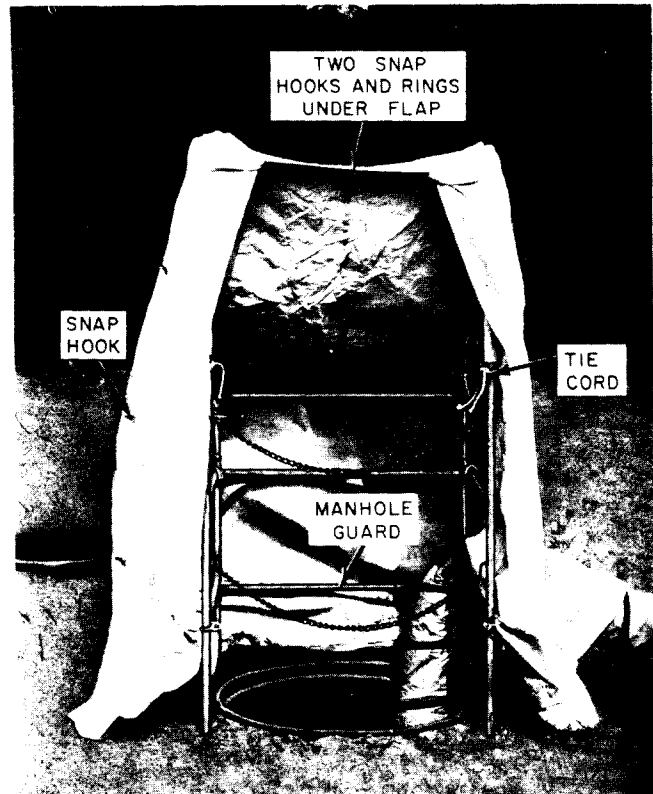
### **3. ERECTING TENT**

**3.01** The tent may be erected by one man using the following method:

- (1) After the manhole guard is erected, unroll the tent and place it on the ground, front up, behind the manhole guard.
- (2) Insert a pipe assembly, pin down, into the top of each tent cover sleeve and secure elbow in place using tie cords and ring provided.
- (3) Using the inserted pipe assemblies, pull the tent up over the manhole guard and insert the pins of the pipe assemblies into the holes in the top of the front uprights of the manhole guard. Make certain the elbows face the center of the tent opening.
- (4) Use the middle and lower tie cords inside the tent to secure the cover to the manhole guard.
- (5) After the tent has been placed, weights may be placed on the ground flap to prevent drafts from entering the tent. Fig. 3 illustrates the tent in place over a manhole.



REAR VIEW



FRONT VIEW

♦ Fig. 3—Tent in Place Over Manhole ♦

**3.02** To disassemble the tent, reverse the procedure outlined in 3.01.

#### 4. MAINTENANCE

**4.01** The tent should be dry before it is stored. At times it may be necessary to transport a wet tent. In that event, the tent should be dried at the first opportunity.

**4.02** Since each laundering removes some of the fireproofing, waterproofing, and life from the fabric, keep the laundering to a minimum.

**4.03** Avoid punctures and tears by taking care to keep the tent from coming in contact with sharp objects during use, transport, and storage.