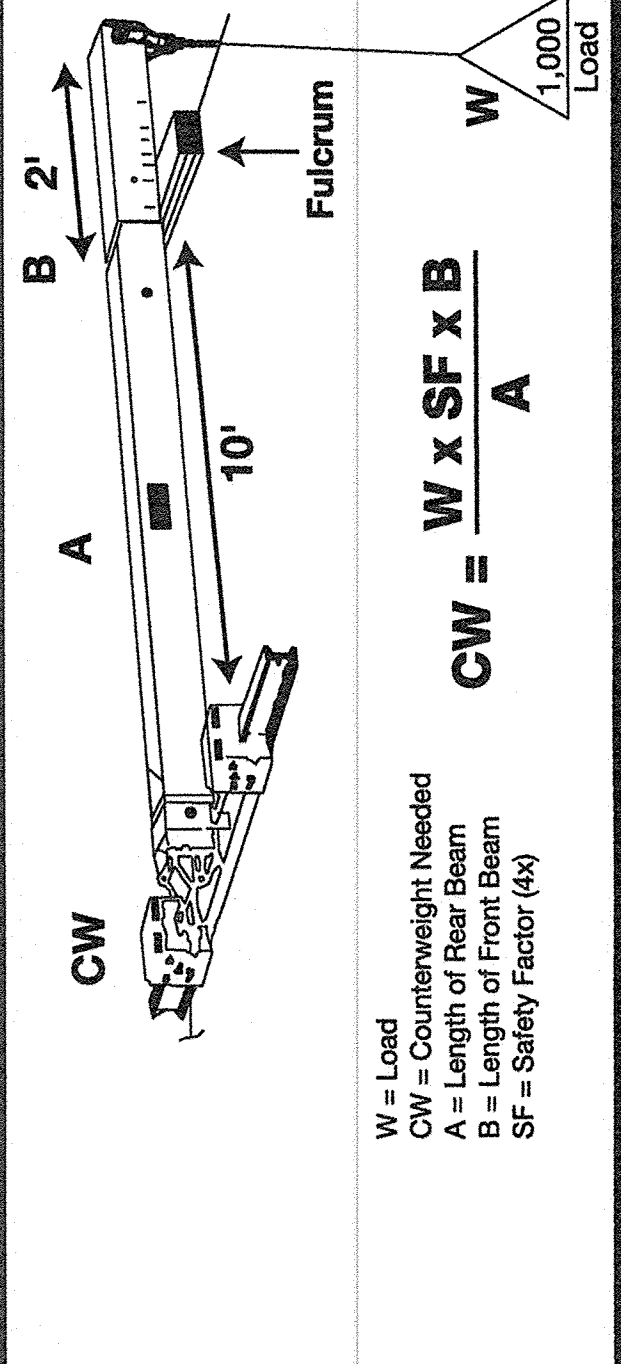
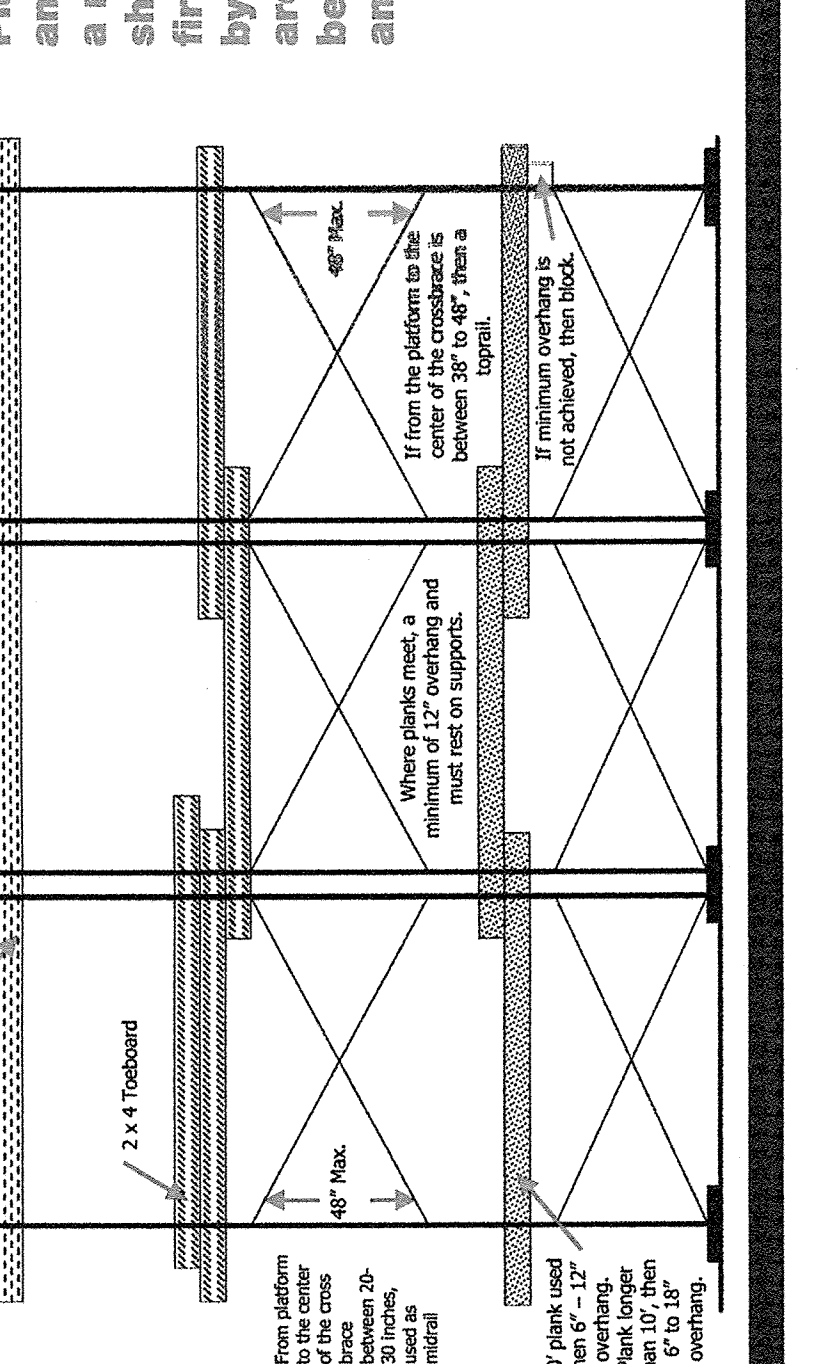


COUNTERWEIGHT REQUIREMENT FORMULA

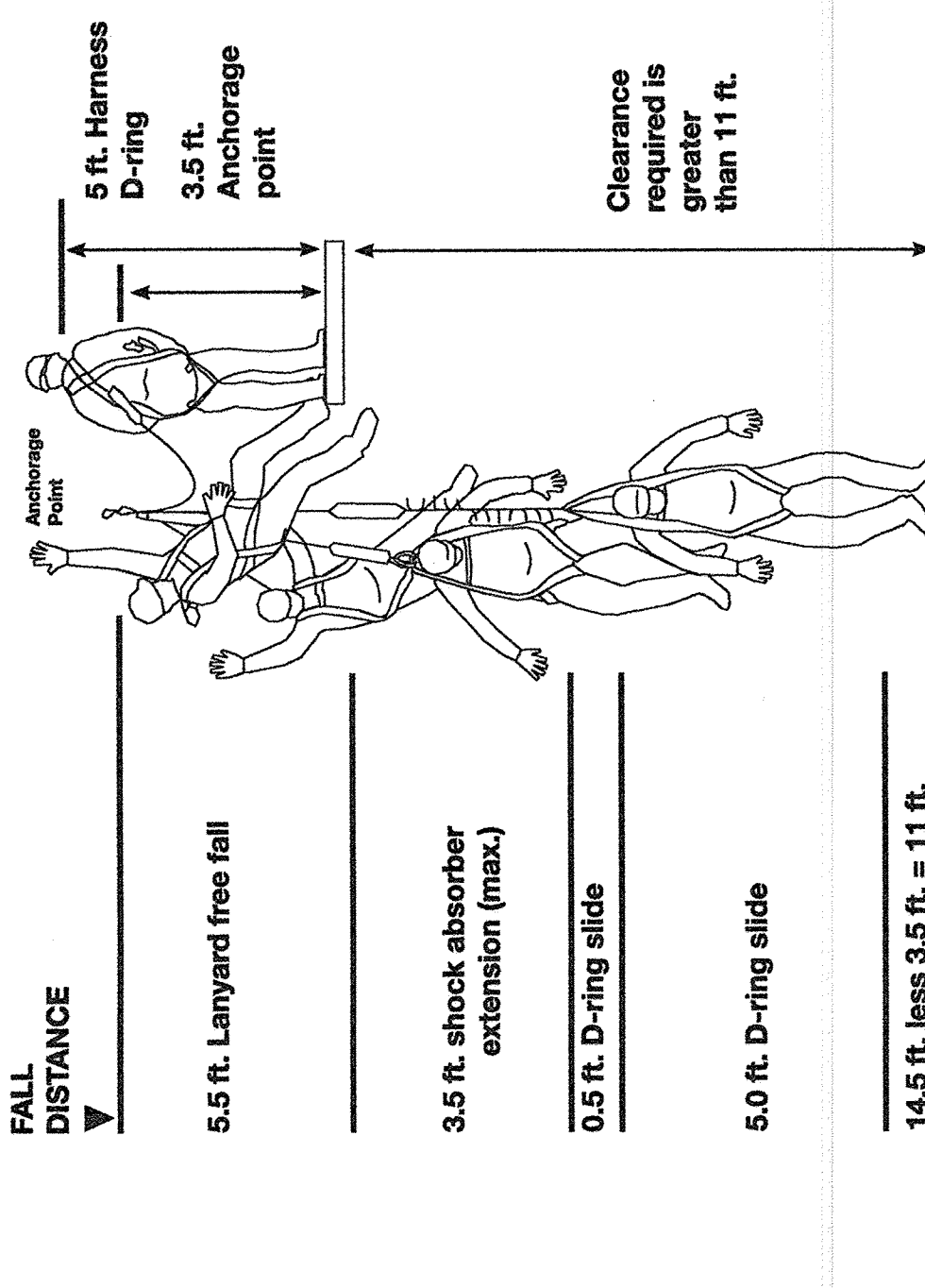


W = Load
A = Length of Beam from Fulcrum to Load
B = Length of Beam from Fulcrum to Counterweight
SF = Safety Factor (N)

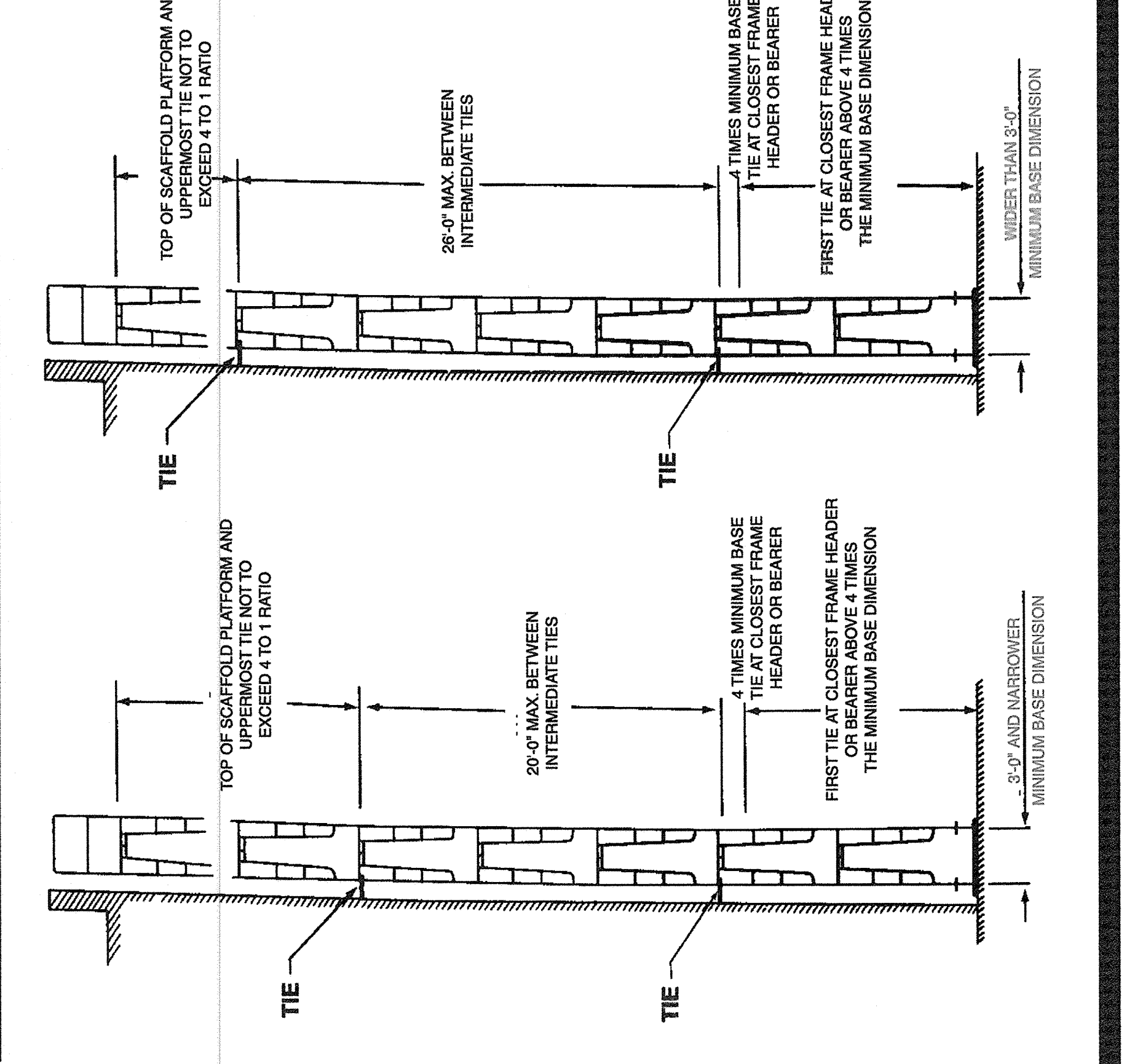
PLANKING & GUARDRAIL REQUIREMENTS FOR TUBULAR WELDED SCAFFOLD FRAMES



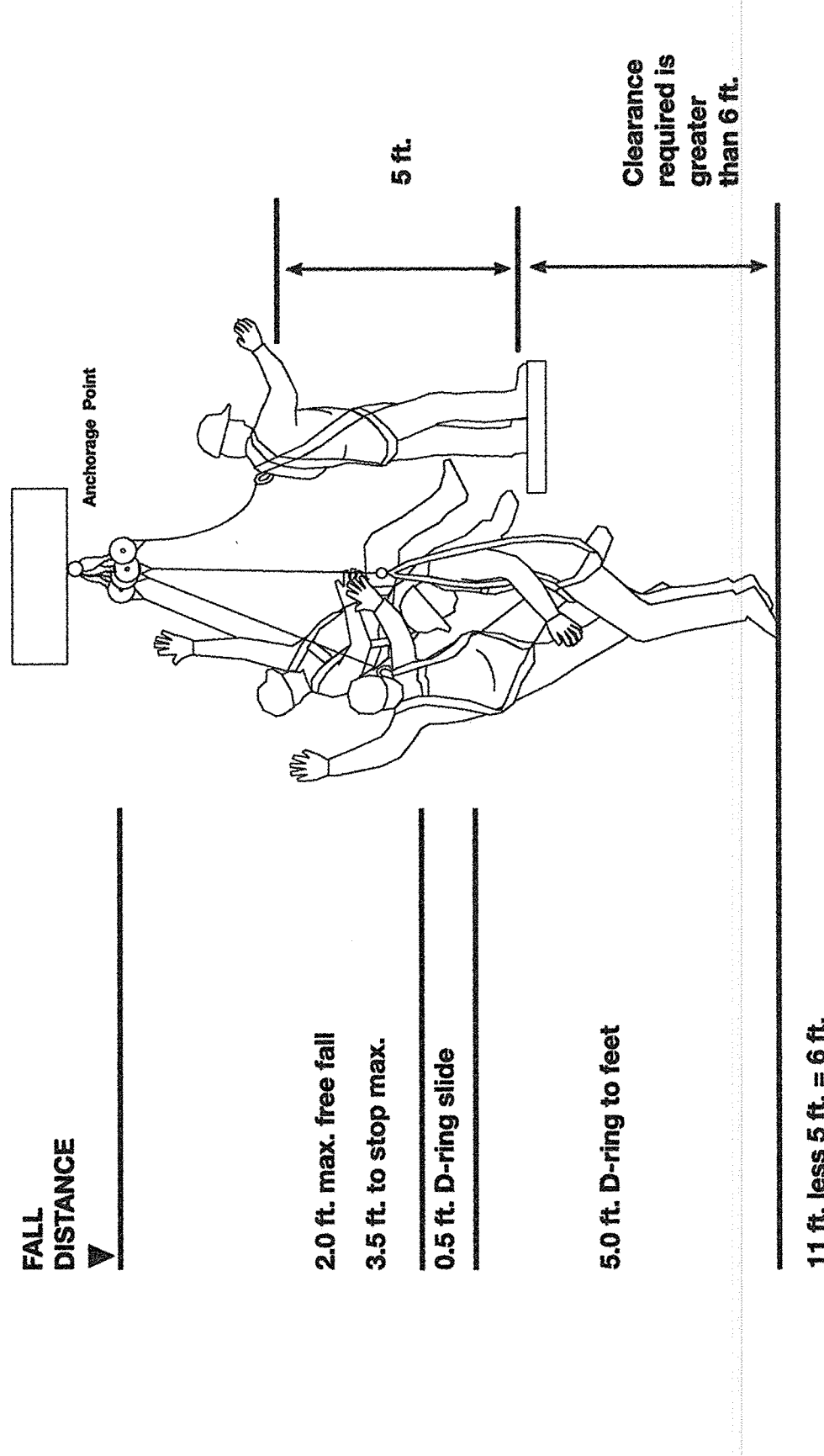
CALCULATING TOTAL FALL DISTANCE (4 ft. Shock Absorbing Lanyard)



OSHA MAXIMUM VERTICAL TIE SPACING



CALCULATING TOTAL FALL DISTANCE (Retracting Lifeline)



Refer to OSHA Standards for Construction 29 CFR 1926, and equipment manufacturers' guidelines for additional information.

The Associated General Contractors of New York State

General Number (518) 456-1134
Fax Number (518) 456-1198
Safety Services (518) 456-1134

www.agcnys.org

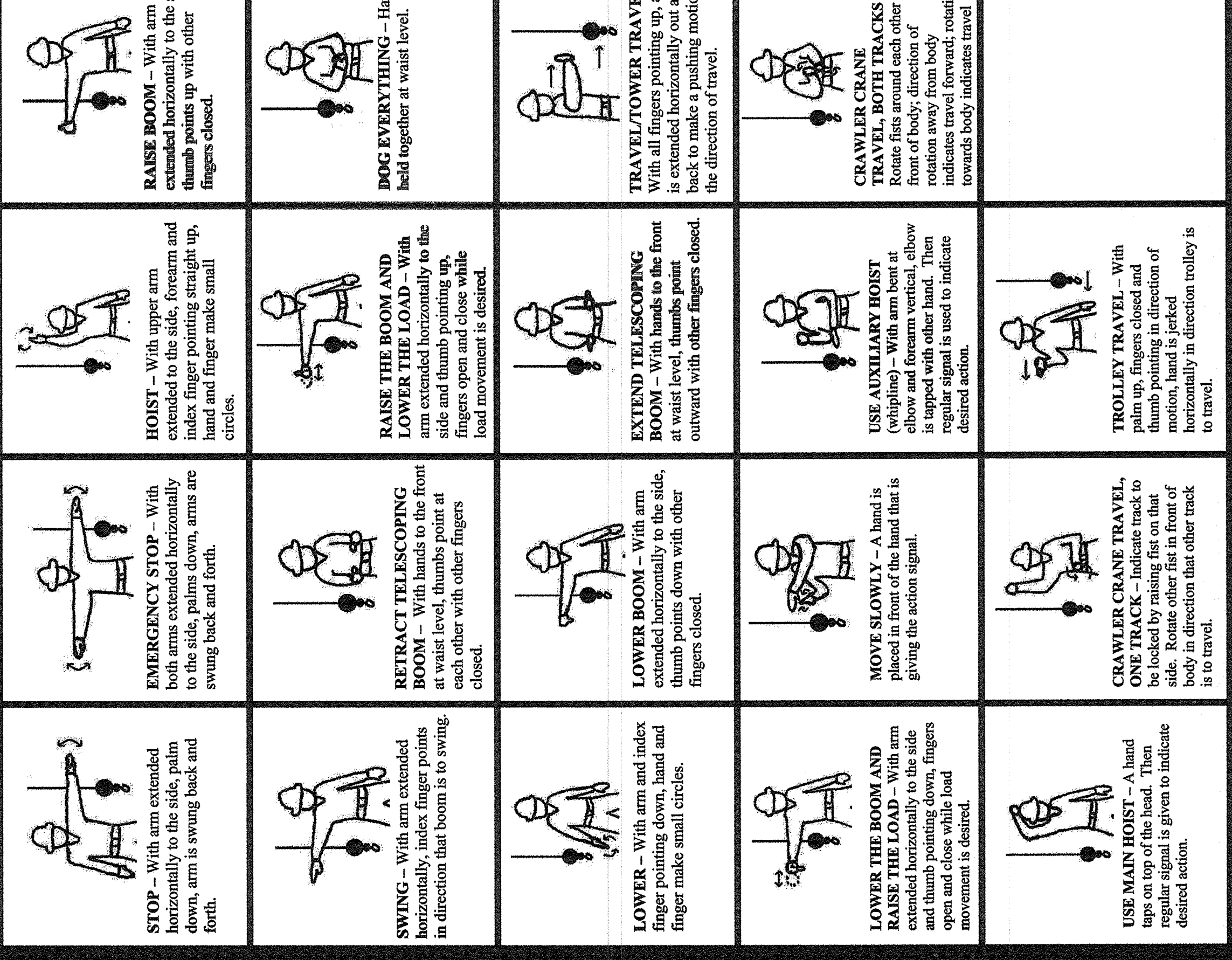
EMERGENCY INFORMATION

Ambulance _____
Fire-Rescue _____
Hospital _____
Doctor _____
Police _____

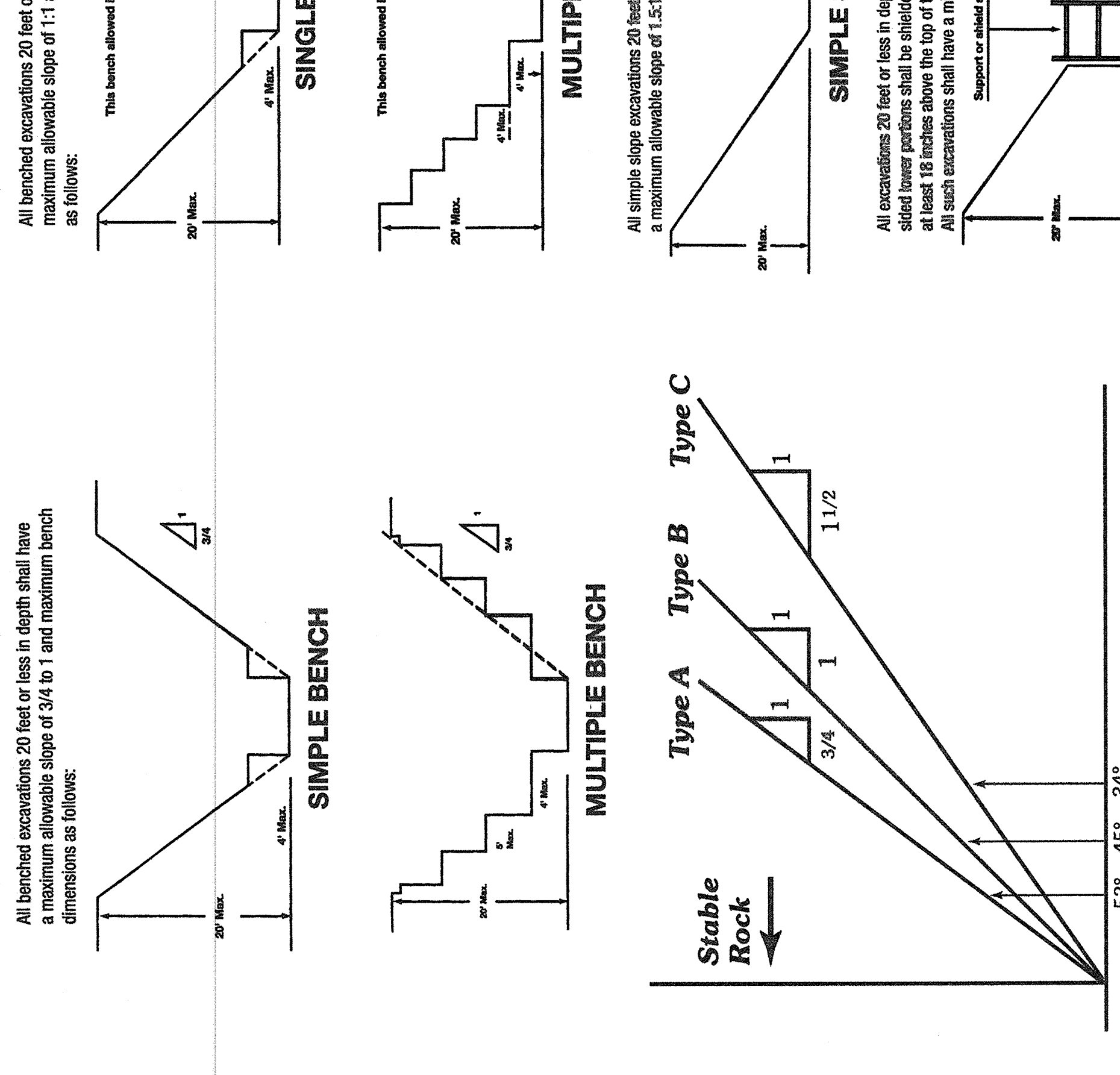
NEW YORK STATE AREA OSHA OFFICES

- Albany Area Office**
401 New Market Street, Suite 300, Albany, NY 12242-3809
Phone: (518) 487-1200 / Fax: (518) 487-1205
- Buffalo Area Office**
128 S. Elmwood Avenue, Suite 500, Buffalo, NY 14202-4465
Phone: (716) 851-5833 / Fax: (716) 851-7526
- Manhattan Area Office**
1400 3rd Avenue, Suite 203, Westbury, NY 11590
Phone: (516) 334-5344 / Fax: (516) 334-3326
- Syracuse Area Office**
3500 Highway Road, North Syracuse, NY 13212
Phone: (315) 461-6883 / Fax: (315) 461-1821
- Tarrytown Area Office**
600 White Plains Road, Tarrytown, NY 10591-5107
Phone: (914) 635-3300 / Fax: (914) 635-3314
- Avered Area Office**
1000 St. Georges Avenue, Plaza 35, Suite 205, Avered, NJ 07001
Phone: (973) 285-1000 / Fax: (973) 285-7161
- Westchester Area Office**
500 Route 17 South, 2nd Floor, Westchester, NY 10804
Phone: (914) 287-1700 / Fax: (914) 287-7516
- Meriden Area Office**
Meriden, NJ 08055
Phone: (908) 686-3300 / Fax: (908) 686-3329
- Puerto Rico Area Office**
230 Cherry Hill Road, Suite 304, P.R. Insprary, NJ 07256
Phone: (973) 285-1000 / Fax: (973) 285-7161
- San Juan Area Office**
1000 Highway 98, San Juan, PR 00901
Phone: (787) 277-1500 / Fax: (787) 277-1507

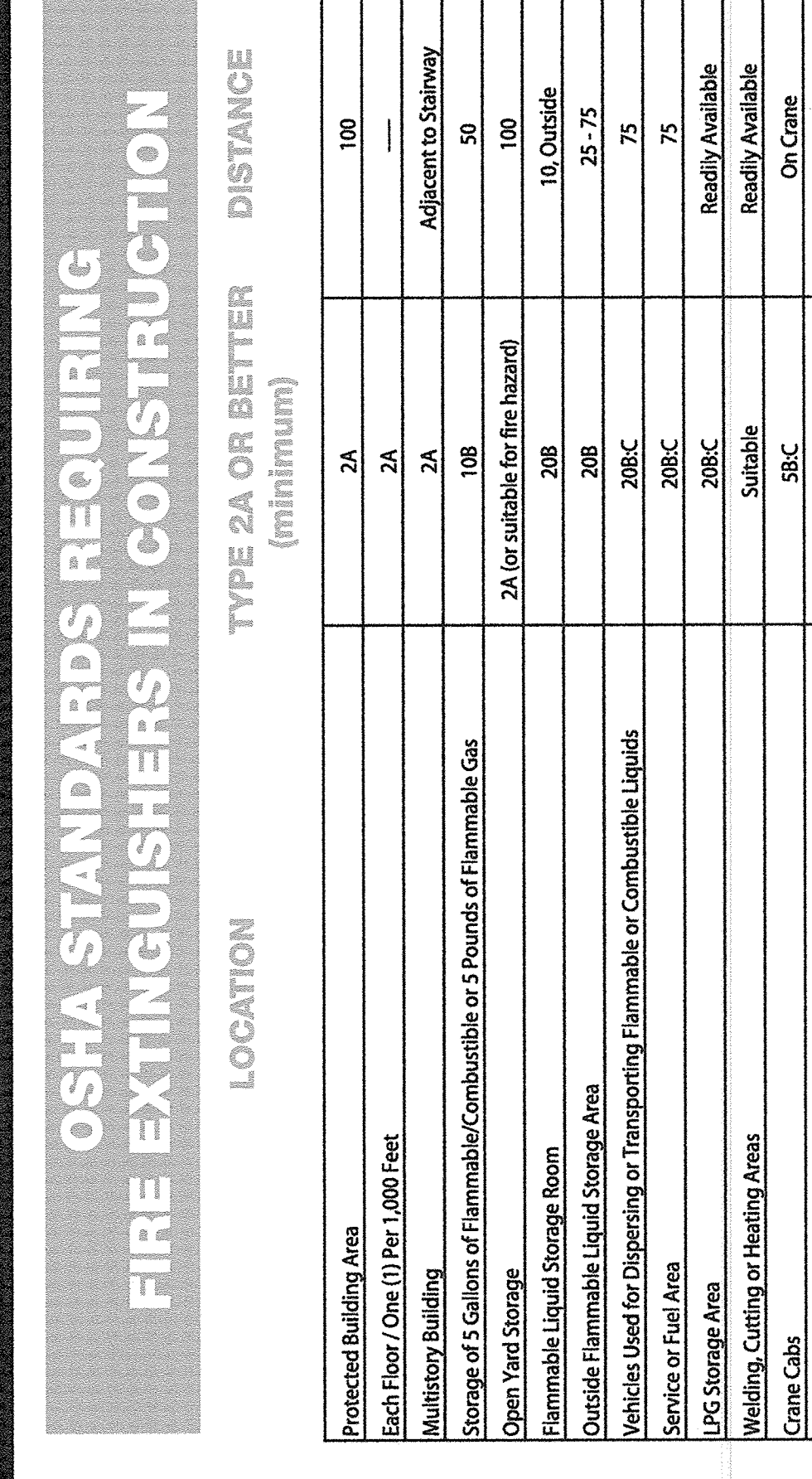
CRANE HAND SIGNALS



EXCAVATIONS



SLOPES FOR DIFFERENT SOIL TYPES



OSHA STANDARDS REQUIRING FIRE EXTINGUISHERS IN CONSTRUCTION

LOCATION	TYPE 2A OR BETTER	DISTANCE (minimum)
Unincorporated Building Sites	2A	100
Each floor (Over 10) Over 1,000 feet	2A	100
Temporary Buildings	2A	Adjustable to Job
Construction Sites	2A	50
Open Yard Storage	2A	50
Flammable Liquid Storage	2B	10, Outside
Flammable Liquid Storage Area	2B	25-75
Vehicle Used for Transporting Flammable or Combustible Liquids	2B/C	75
Service or Fuel Area	2B/C	75
Welding, Cutting or Heating Area	Subclass	Readily Available
Crew Cabs	SEC	On Cabs
Trucks Used for Transportation of Employees	IMBEC	—

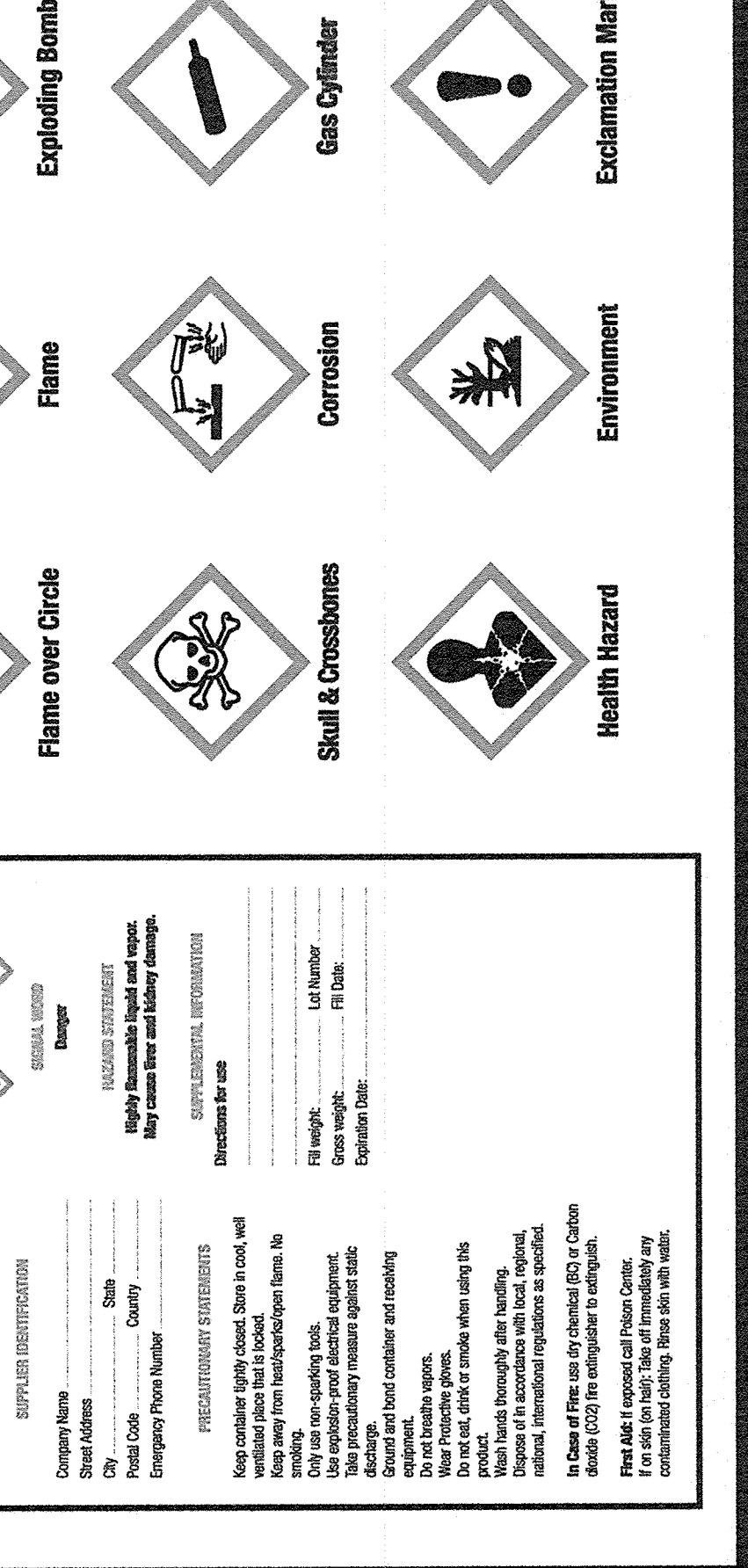
TYPES OF FIRE EXTINGUISHERS



HOW TO USE A FIRE EXTINGUISHER "P.A.S.S."

- P** - Pull the pin at the top of the extinguisher.
- A** - Aim the nozzle at the base of the fire.
- S** - Squeeze the handle to discharge the extinguisher.
- S** - Sweep the nozzle back and forth.

HAZCOM / GHS



GET TO KNOW ME
I can explode (very quietly) and I'm holding my color down so you won't see it coming. However, you can't see me until I'm right in your face. Without a correct regulator or manifold I cannot function safely.

KNOW HOW TO USE ME
Make sure I'm properly secured when I'm used. Connect my hose to the correct regulator. Connect my hose to the correct manifold. Follow the instructions on the label. Read the MSDS and follow proper procedures for my use.

WHEN THINGS GO WRONG
If my valve or regulator leaks, or if my pressure is released, I can become a projectile. I can explode (very quietly) and I'm holding my color down so you won't see it coming. However, you can't see me until I'm right in your face. Without a correct regulator or manifold I cannot function safely.

TO BE MY MASTER REMEMBER
I'm a sleeping giant. I can explode (very quietly) and I'm holding my color down so you won't see it coming. However, you can't see me until I'm right in your face. Without a correct regulator or manifold I cannot function safely.

STORAGE OF LPG OUTSIDE OF BUILDINGS

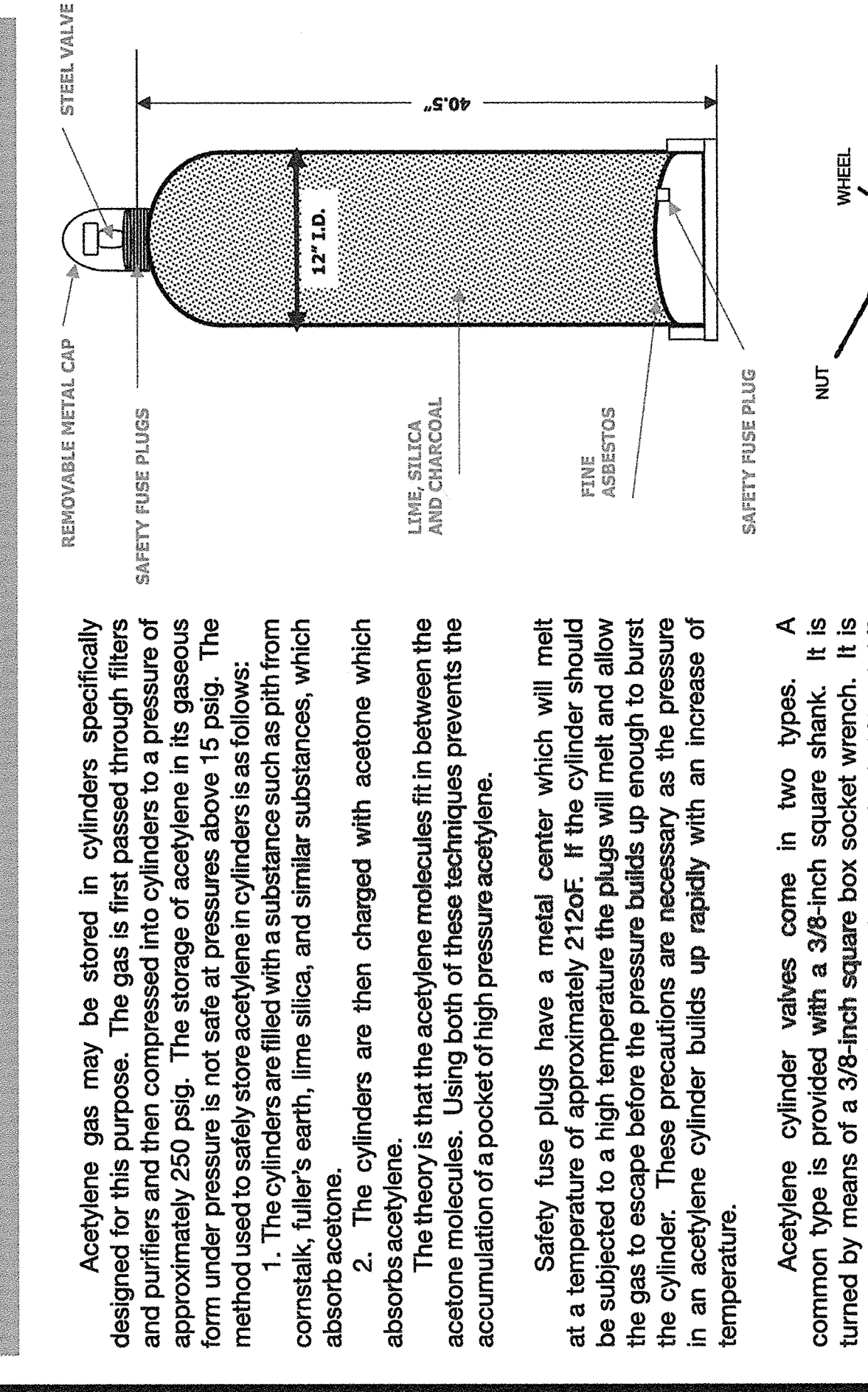
Propane tanks shall be located away from the building in accordance with the following:

Quantity of LPG Stored Distance Away From Building

- 500 lbs. or less 0 ft.
- 501 to 6,000 lbs. 10 ft.
- 6,001 to 10,000 lbs. 20 ft.
- Over 10,000 lbs. 25 ft.

STORAGE OF LPG WITHIN BUILDINGS IS PROHIBITED!

CYLINDER STORAGE FOR ACETYLENE (C2H2)



Acetylene gas may be stored in cylinders specifically designed for this purpose. The gas is first passed through filters and purifiers and then compressed into cylinders to a pressure of approximately 250 psig. The storage of acetylene in its gaseous form under pressure is not safe at pressures above 15 psig. The cylinders are filled with a substance such as calcium carbide, fuller's earth, lime silica, and similar substances, which absorb acetone.

The cylinders are then charged with acetone which also absorbs acetylene. The theory is that the acetylene molecules fit in between the acetone molecules. Using both of these techniques prevents the accumulation of a pocket of high pressure acetylene.

Safety fuse plugs have a metal center which will melt at a temperature of approximately 212°F. If the cylinder should be subjected to a high temperature the plugs will melt and allow the gas to escape before the pressure builds up enough to burst the cylinder.

Another type of acetylene cylinder valve is fitted with a handwheel (see sketch). The regulator fitting is a female fitting. The amount of acetylene gas to be used is controlled by the handwheel. The handwheel should be turned clockwise to increase the pressure and counter-clockwise to decrease the pressure. The pressure will remain fairly constant (depending on the temperature) until most of the gas is consumed.

UNIFORM LOCATION & COORDINATION COUNCIL Uniform Color Code

- RED - Electrical Power Lines, Cables, Conduit and Lighting Cables
- YELLOW - Gas, Oil, Steam, Petroleum or Gaseous Materials
- ORANGE - Communication, Alarm or Signal Lines, Cables of Conduit
- BLUE - Potable Water
- GREEN - Sewers and Drain Lines
- PINK - Temporary Survey Markings
- WHITE - Proposed Excavation
- PURPLE - Reclaimed Water, Irrigation, Slurry Lines, Radioactive Materials

Know what's below. Call before you dig!

Outside NYC and Long Island call (800) 852-7822 or visit www.digsafe.org or www.nyc.gov. In NYC and Long Island call (800) 272-4480 or visit www.digsafe.net