

# ENCINITAS FIRE DEPARTMENT/FIRE PREVENTION BUREAU

## RESIDENTIAL FIRE SPRINKLER SYSTEM INSTALLATION DIAGRAM

- 1 Public Water Supply
- 2 Main Shut-Off (Water District)
- 3 Fire Service Water Meter
- 4 Underground Pipe
- 5 Domestic Shut-Off At House (Single Meter System)
- 6 Domestic Water Service
- 7 Exterior, Above Grade Shut-Off Indicating Ball Valve
- 8 Dielectric Union (Used when dissimilar materials)
- 9 Check Valve (Resilient Seated Swing Check)
- 10 Pressure Relief Valve Set @ 150 psi
- 11 Main Drain Valve 1/2"
- 12 System Gauge (200 pound minimum)
- 13 Flow Switch W/Delay 20-40 Sec.
- 14 Bell 1" Min.
- 15 System Piping
- 16 Sprinkler Heads
- 17 Inspector Test W/Sig.
- 18 Splash Plate (If needed)

An additional 8" min. bell or insert horns required on dwellings with 5,000 or more sq.ft.

