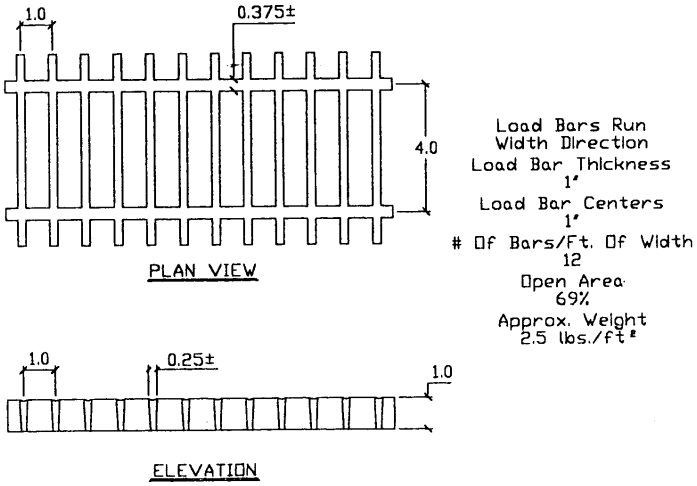
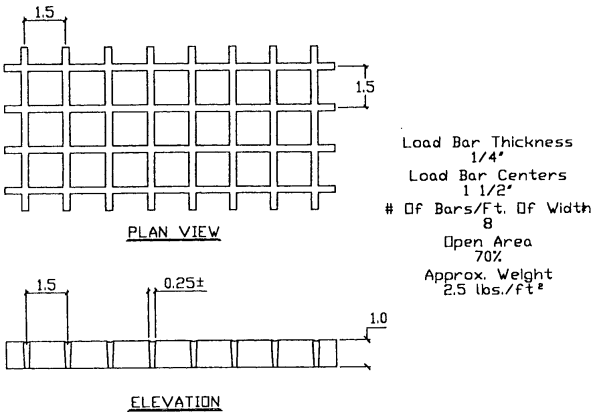
STANDARD MOLDED GRATING DETAILS



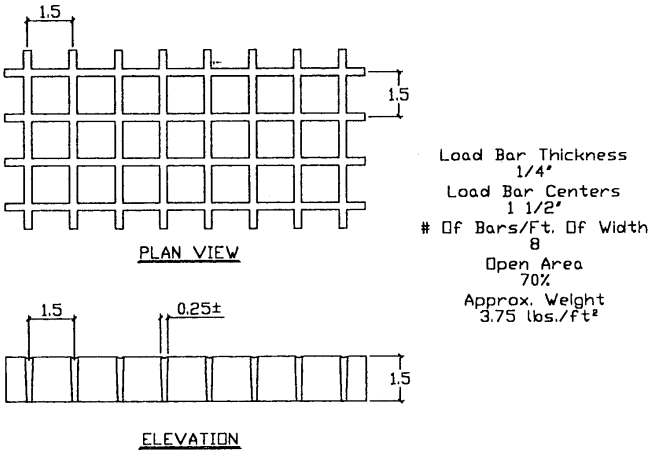
1" x 1" x 4" RM

Approx Engineering Properties Per Ft of Width
A=2.6 IN^2 I=0.22 IN^4 S=0.43 IN^3 AVE EI = 510,000 $LB\text{-}IN^2$
(L > 24")



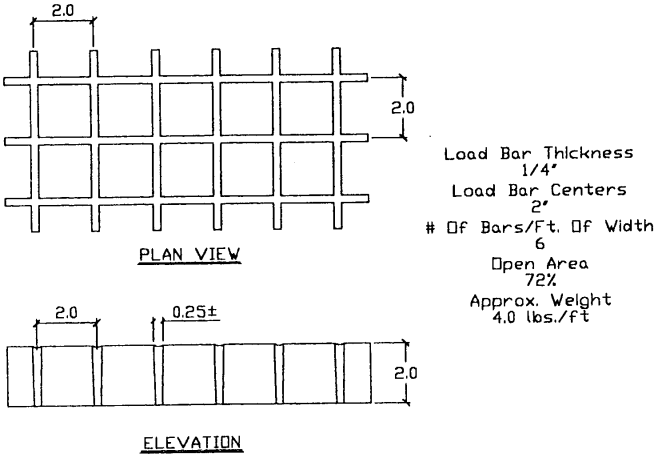
1" x 1½" SM

Approx Engineering Properties Per Ft of Width
A=1.7 IN^2 I=0.14 IN^4 S=0.28 IN^3 AVE EI = 300,000 $LB\text{-}IN^2$
(L > 24")



1½" x 1½" SM

Approx Engineering Properties Per Ft of Width
A=2.85 IN^2 I=0.50 IN^4 S=0.65 IN^3 AVE EI = 900,000 $LB\text{-}IN^2$
(L > 24")



2" x 2" SM

Approx Engineering Properties Per Ft of Width
A=2.88 IN^2 I=0.96 IN^4 S=0.94 IN^3 AVE EI = 1,950,000 $LB\text{-}IN^2$
(L > 24")

NOTE: Because of manufacturers slight mold variations, the Engineering properties may vary slightly. Load / deflection criteria should be the determining factor.