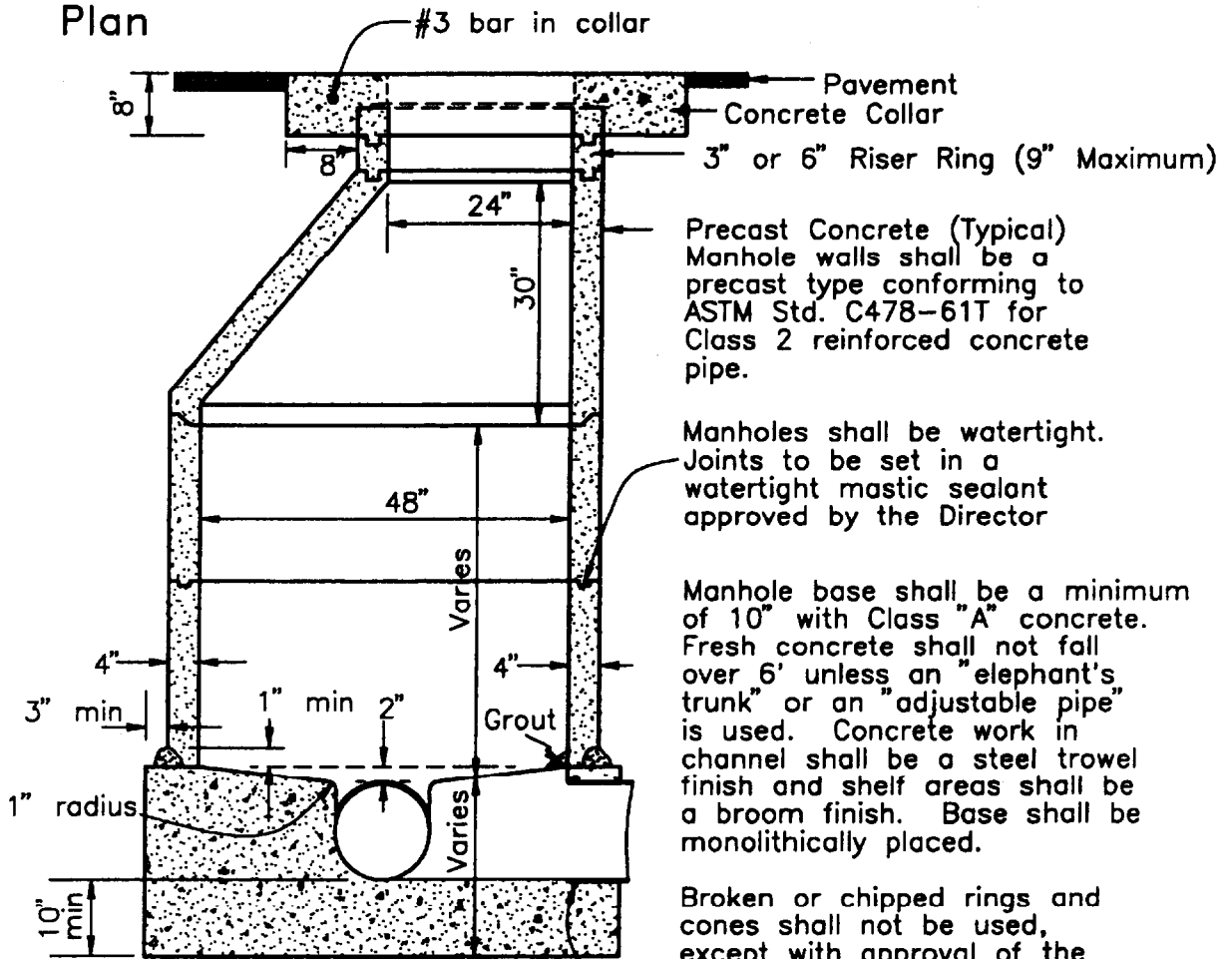


Manhole frame and cover to conform with Standard Detail S.1

Plan



Precast Concrete (Typical) Manhole walls shall be a precast type conforming to ASTM Std. C478-61T for Class 2 reinforced concrete pipe.

Manholes shall be watertight. Joints to be set in a watertight mastic sealant approved by the Director

Manhole base shall be a minimum of 10" with Class "A" concrete. Fresh concrete shall not fall over 6' unless an "elephant's trunk" or an "adjustable pipe" is used. Concrete work in channel shall be a steel trowel finish and shelf areas shall be a broom finish. Base shall be monolithically placed.

Broken or chipped rings and cones shall not be used, except with approval of the Director.

Section A - A

Rubber ring water stop

Approved:

*Jim Y* 29 JUNE 07  
 Director of Public Works/  
 Designee

*R. James Garing* 29 June 07  
 R. James Garing, RCE 26993  
 City Engineer



City of Grover Beach

Typical Manhole

S.2

Revised June 1997