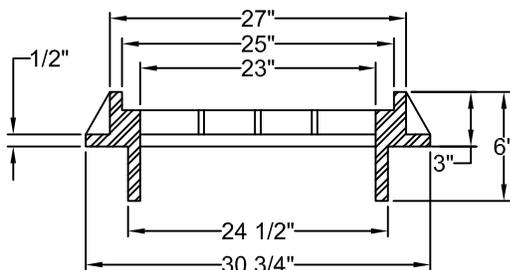
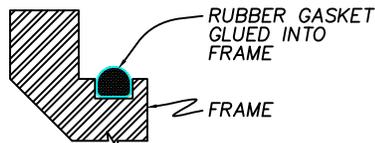


**CAST IRON STANDARD**  
(APPROX. WT. - 387 LBS.)



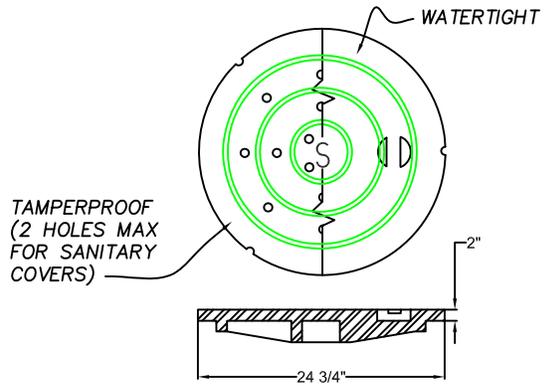
**CAST IRON SUBURBAN**  
(APPROX. WT. - 305 LBS.)



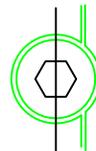
**WATERTIGHT GASKET DETAIL**

**NOTES:**

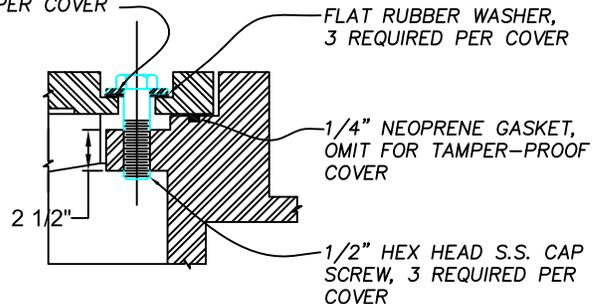
1. TAMPERPROOF COVERS REQ'D ON SANITARY OR STORM DRAIN MANHOLE WHERE LOCATED IN PEDESTRIAN WAYS OR EASEMENT AREAS. TAMPERPROOF COVERS FOR SANITARY MANHOLES SHALL HAVE 2 HOLES MAXIMUM.
2. WATERTIGHT COVERS REQUIRED IF LOCATED WHERE COVER MAY BE SUBMERGED.
3. FRAMES AND COVERS SHALL BE STAMPED WITH MANUFACTURER'S INITIALS, HEAT NUMBER AND POINT OF ORIGIN.



**CAST IRON TAMPERPROOF & WATERTIGHT**  
(FRAMES AVAILABLE IN STANDARD OR SUBURBAN PATTERN)



1 1/4" O.D. S.S. WASHER,  
3/32" THICK, 3 REQUIRED  
PER COVER



**NOTE:**

3 REQUIRED, 1/2" x 1 1/4" PENTAGONAL OR HEXAGONAL HEAD, BRONZE OR CAD. PLATED. INSTALL FRAME SO THAT ONE BOLT BOSS IS LOCATED OVER THE MANHOLE LADDER.

**BOLT-DOWN DETAIL**  
(FOR TAMPERPROOF AND WATERTIGHT)

**CITY OF FLORENCE  
STANDARD DRAWING**

**MANHOLE  
COVER AND  
FRAME  
DETAILS**

DATE:  
MARCH 2012

DRAWING NO.  
F-313