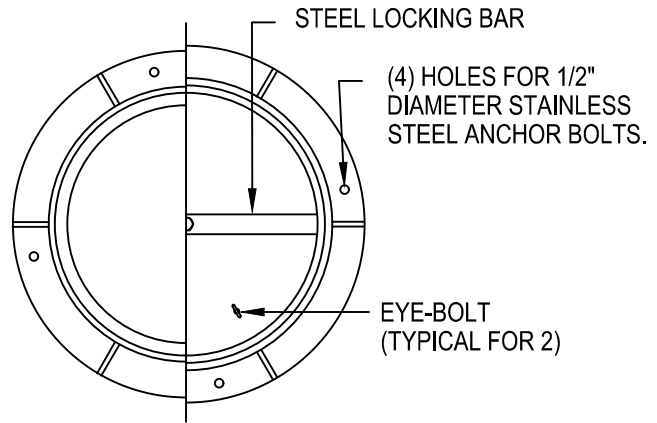
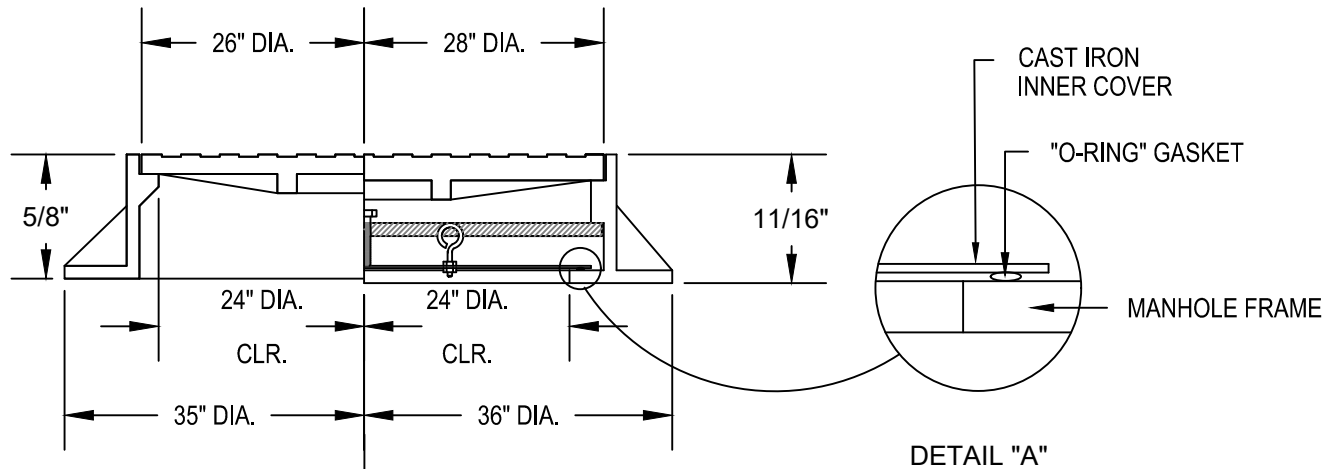


COVER



FRAME



STANDARD  
BOUCHARD & SONS 1155

WATER-TIGHT  
BOUCHARD & SONS 1123

**FRAME AND COVER DETAIL**

N.T.S.



**CITY OF PORTLAND**  
DEPARTMENT OF UTILITIES - SEWER  
STANDARD SEWER DETAILS

REVISION NO: 3  
DATE:06/05/2024

WW-05