



NOTE:  
 OPENINGS IN COVER  
 TO BE ALIGNED RADIALLY

**NOTES:**

1. CASTING "D" SHALL BE USED WITH FRAME CASTING "A" (STD. PLATE 2201E).
2. CASTING SHALL BE CONSTRUCTED OF UNPAINTED GRAY IRON MEETING ASTM A-48, CLASS 35B OR BETTER AND SHALL CONFORM TO AASHTO DESIGNATION M306-89 AND MnDOT SPECIFICATION 3321.
3. EACH CASTING SHALL BEAR AN IDENTIFICATION MARK, RECESSED FLUSH, INDICATING THE SOURCE OF MANUFACTURE, WHICH MARK SHALL EITHER BE A SYMBOL NOT OVER 1 1/2 INCHES IN GREATEST DIMENSION OR IN LETTER FORM NO GREATER THAN 3/4 INCH IN HEIGHT AND 2 INCHES IN LENGTH. LOCATION OF IDENTIFICATION MARKS BY THE ENGINEER.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

*Joseph J. Mueller*  
 JOSEPH J. MUELLER

Date 5-4-10 Lic. No. 13942

APPROVED  
*Joseph J. Mueller*  
 CITY ENGINEER

CITY OF ST. PAUL  
 DEPARTMENT OF PUBLIC WORKS  
 COVER CASTING "D"

Date of  
 Revision  
 MAY  
 2010

Standard  
 Plate  
 No.  
 2203