



SECTION A-A

NOTES:

1. ADJUSTMENT HEIGHTS SHALL BE IN 1/2" INCREMENTS FROM 1 1/2" TO 3"
2. GRAY IRON CASTINGS SHALL BE SUPPLIED BY FOUNDRIES THAT HAVE BEEN APPROVED BY THE STATE MATERIALS ENGINEER.
3. CASTING SHALL BE CONSTRUCTED OF UNPAINTED GRAY CAST IRON MEETING ASTM A-48, CLASS 35B OR BETTER AND SHALL CONFORM TO AASHTO DESIGNATION M306-89 AND MnDOT SPECIFICATION 3321.
4. THE MANUFACTURERS NAME SHALL BE CAST ON AN EXPOSED SURFACE OF THE CASTING.
5. ALL BEARING SURFACES SHALL BE MACHINED TO A TRUE SURFACE.
6. ADAPTOR RINGS SHALL BE NEENAH FOUNDRY CO. R-1979 SERIES MANHOLE ADJUSTING RINGS OR APPROVED EQUAL.

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

Aaron D. Hass

AARON D. HASS

Date 9-19-14 Lic. No. 26424

APPROVED 9/23/14

J.P. Myl
CITY ENGINEER

CITY OF ST. PAUL
DEPARTMENT OF PUBLIC WORKS

MANHOLE ADAPTOR RING

Date of
Revision
SEPT.
2014

Standard
Plate
No.
2207D