



NOTES:

1. THIS DETAIL APPLIES TO HOUSE SERVICE CONNECTION CHANGES WHERE EXISTING MAIN SEWER REMAINS IN SERVICE.
2. FOR COUPLING D.I.P. TO EXIST. V.C.P. WYE, THE JOINT SHALL BE PACKED WITH BITUMINOUS MASTIC JOINT SEALER (RAM-NEK, KENT-SEAL, OR EQUAL) AND ENCASED IN CONCRETE.
3. WHERE C.I.P. REPLACEMENT SERVICE IS JOINTED WITH THE EXISTING SERVICE, REMOVE EXISTING PIPE TO A SPIGOT END, OR NEATLY TRIM AND SQUARE OFF END TO THE ENGINEER'S APPROVAL.
4. RUBBER/NEOPRENE ADAPTER WITH STAINLESS STEEL TIGHTENING BANDS, MEETING THE LATEST REQUIREMENTS OF ASTM C594, TYPE A, SHALL BE USED TO JOIN THE REPLACEMENT SERVICE TO THE EXISTING SERVICE.
5. DIAMETER OF THE REPLACEMENT SERVICE SHALL BE NOT LESS THAN THAT OF THE EXISTING SERVICE OR 6", WHICHEVER IS GREATER.
6. NO BEND SHARPER THAN 1/8 BEND (45°) MAY BE USED AND ALL BENDS SHALL BE THE LONG RADIUS TYPE. REPLACEMENT SERVICE MAY EXTEND INTO BOULEVARD AREA AS NECESSARY.
7. IF NEW SADDLE CONNECTION IS REQUIRED, THE MATERIAL COST OF SADDLE SHALL BE INCIDENTAL.

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 01-24-2017 Lic. No. 26424

APPROVED 2-2-2017
Paul V. Kurtz
 CITY ENGINEER

CITY OF ST. PAUL
 DEPARTMENT OF PUBLIC WORKS
 RECONNECTION OF
 HOUSE SERVICES

Date of
 Revision
 JAN.
 2017

Standard
 Plate
 No.
 2306F