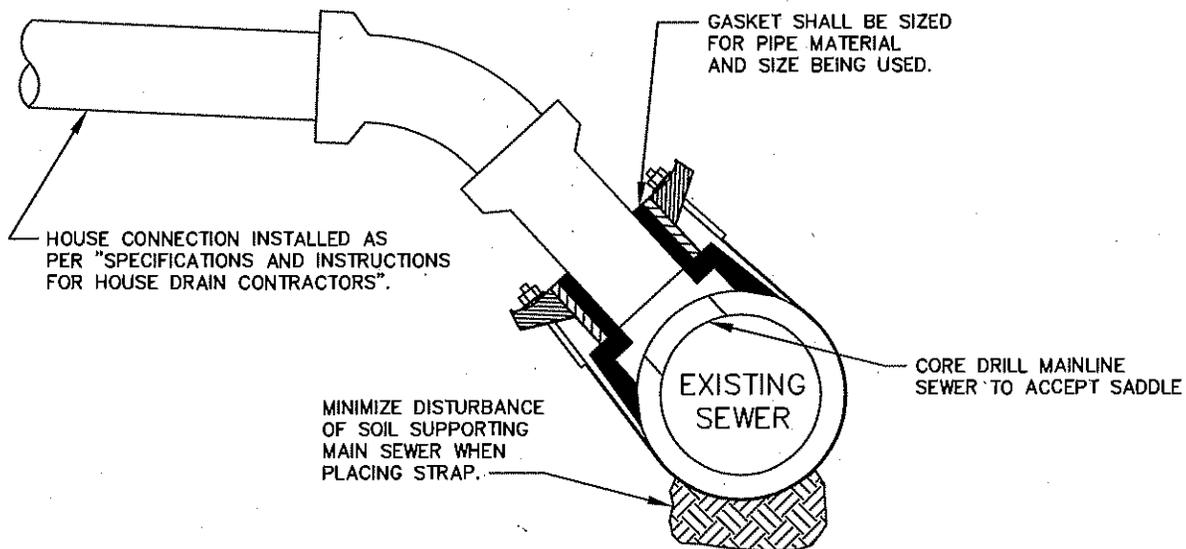


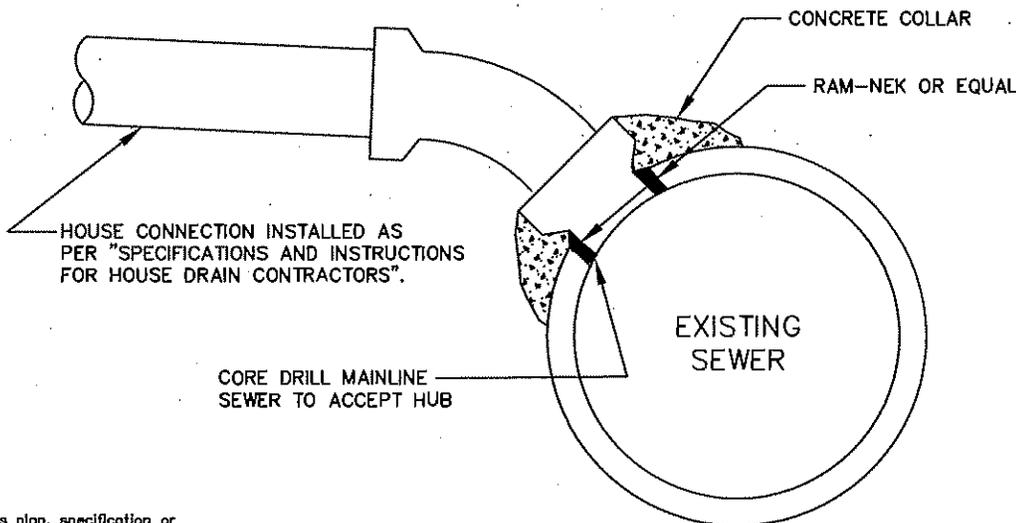
PUBLIC SEWER O.D. 25" OR LESS



NOTES:

1. NEW SEWER SERVICE TO BE CONNECTED WITH ROMAC INDUSTRIES, INC. STYLE "CB" SADDLE OR APPROVED EQUAL.
2. SEWER SERVICE WYE REPLACEMENT TO BE CONNECTED WITH FERNCO INC. FLEXIBLE TAP SADDLE OR APPROVED EQUAL.
3. ALL SEWER SERVICE SADDLES TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

PUBLIC SEWER O.D. GREATER THAN 25"



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

NOTES:

1. THE HUB SHALL BE SAWCUT TO CONFORM TO THE INTERIOR OF THE PIPE
2. GROUT THE HUB WITH A MINIMUM 3" CONCRETE COLLAR. DO NOT ENCASE HUB JOINT TO SERVICE PIPE.

APPROVED _____
Joseph J. Mueller
 CITY ENGINEER

CITY OF ST. PAUL
 DEPARTMENT OF PUBLIC WORKS
 SADDLE CONNECTION OF
 HOUSE SERVICES

Date of
 Revision
 MAY
 2010

Standard
 Plate
 No.
 2319D