



SOLID MASONRY BLOCK SUPPORTS (TYP.)
5000 PSI, ASTM C139, 8"X8"X16" AND PER
ST PAUL SPECIFICATION SECTION 2506

PLACE AIR ENTRAINED CEMENT MORTAR
UNDER SHIELDED FLEXIBLE COUPLING.
AIR ENTRAINED CEMENT MORTAR TO BE
UNDERGROUND UTILITY MIX COMPLYING
WITH ASTM C270 AND ASTM C387 (PLANT
CERTIFIED OR BAG MIX).

EXISTING 4"-6"
SANITARY SERVICE

COMPACTED GRANULAR PIPE BEDDING (PER MNDOT 2451)
OR AIR ENTRAINED CEMENT MORTAR PER ASTM C270 AND
ASTM C387 (PLANT CERTIFIED OR BAG MIX).
-AT MINIMUM, PLACE COMPACTED GRANULAR MATERIAL,
COMPACTED TO NOT LESS THAN 100% OF MINIMUM DENSITY
IN ACCORDANCE WITH ASTM D-698 AND D-1556, TO A POINT
12-INCHES ABOVE THE REPAIRED SERVICE LATERAL PIPING
AND CONNECTION TO THE SEWER MAINLINE

UNDISTURBED SOILS

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 1-3-22 Lic. No. 26424

NOTES:

1. SUBMIT PRODUCT SHOP DRAWINGS TO ENGINEER & CITY SEWERS DEPARTMENT FOR REVIEW
2. ROMAC CB SADDLE PER STANDARD PLATE NO. 2337 MAY BE USED IF ADJACENT SERVICES ARE IMPACTED OR DIRECTLY ACROSS
3. WHEN ANOTHER SERVICE LATERAL IS DIRECTLY ACROSS, REPLACE A PORTION OF THE MAINLINE WITH C900 PVC AND THEN CORE DRILL TWO NEW ROUND HOLES PER CITY STANDARD PLATES 2324, 2337 (CURRENT VERSION)
4. CONTRACTOR TO INSTALL APPROVED PRODUCT PER MANUFACTURER SPECIFICATIONS

APPROVED 1-4-2022
Paul Kurtz
CITY ENGINEER

CITY OF ST. PAUL
DEPARTMENT OF PUBLIC WORKS
DIP WYE CONNECTION WITH
SANITARY MAIN REPAIR

Date of
Revision
JAN
2022

Standard
Plate
No.
2340