



FORM & POURED
CONCRETE LINER.
BRICK MANHOLE
REHABILITATION.
SEE SPEC SECTION 2506.502

OPEN CONNECTION TO MANHOLE
MATCH EXISTING PIPE DIAMETER SEE NOTE 6

- NOTES:
1. USE OF THE STANDARD PLATE IS LIMITED TO BRICK MANHOLES HAVING DEPTHS "LESS THAN 15- FEET," AND BARREL SECTION DIAMETERS OF "46-INCHES OR GREATER."
 2. REFER TO SPECIFICATION SECTION 2506.502
 3. CONTRACTOR TO SUBMIT THE FOLLOWING (BEFORE WORK BEGINS)
 - 3.1. REFERENCE DEMONSTRATING THE SUCCESSFUL INSTALLATION OF POURED CONCRETE LINER SYSTEMS HAVING AN AGGREGATE VERTICAL LENGTH OF AT LEAST 500 FEET
 - 3.2. MANUFACTURERS CERTIFICATION INDICATING THAT MATERIALS USED NEED THE APPROPRIATE ASTM STANDARDS AND SPECIFICATIONS.
 - 3.3. WORK PLAN INDICATING PROPOSED EQUIPMENT AND PROCEDURES FOR ACCOMPLISHING THE WORK.
 - 3.4. PRODUCT DATA FOR POURED CONCRETE LINER SYSTEM (e.g. CONCRETE MIX, etc.)
 4. CONTRACTOR TO MEASURE AND DOCUMENT INSIDER DIAMETER OF EACH MANHOLE BARREL SECTION TO CONFIRM MANHOLE BARREL DIAMETER IS 46-INCHES OR GREATER
 5. TELEWISE MANHOLE AFTER REHABILITATION AND FORWARD VIDEOS TO ENGINEER OF RECORD AND SEWER UTILITY
 6. FORMWORK TO PREVENT MIGRATION OF CONCRETE INTO EXISTING PIPE OPENING

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 02-17-2021 Lic. No. 26424

APPROVED *3-1-2021*
Paul Kurtz
CITY ENGINEER

CITY OF ST. PAUL
DEPARTMENT OF PUBLIC WORKS
REHAB BRICK MH
FORM & POUR
CONCRETE LINER

Date of Revision
FEB 2021
Standard Plate No.
2113B