

SECTION A-A

SLOPE TO DRAIN

ADJUST TO GRADE
AS PER STD. PL. 2321B

CASTINGS A & B
(UNLESS NOTED OTHERWISE)
STD. PLATES 2201E & 2202D

PRECAST COVER SLAB WITH
CONCENTRIC 27" DIA. OPENINGS.
DESIGN FOR HS-25 LOAD

8"X 8"X 16" OR 6"X 8"X 16"
SOLID CONCRETE MASONRY
UNIT (SEE SPECIFICATIONS).
ALL JOINTS TO BE 3/8"
THICK AND COMPLETELY
FILLED WITH MORTAR.

8" MIN.

8" THICK WALL

SAW CUT PIPE FLUSH
WITH INSIDE WALL

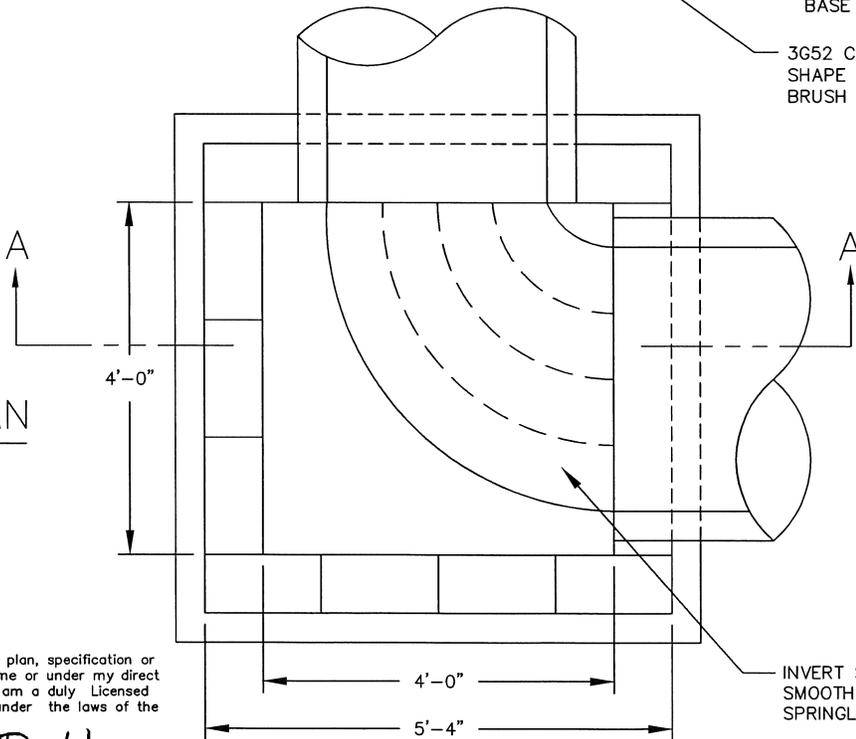
PIPE SHALL REST ON
UNDISTURBED EARTH AND
SHALL NOT BEAR DIRECTLY
ON SLAB

D/2

PRECAST 6'-0" x 6'-0" x 6"
BASE SLAB

3G52 CONCRETE
SHAPE TO DRAIN
BRUSH FINISH

PLAN



INVERT SHALL BE TROWELED
SMOOTH AND EXTEND TO
SPRINGLINE (D/2)

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 1-21-2026 Lic. No. 26424

NOTE:
FOR USE ON STORM SEWER 36" I.D. OR LESS
WITH A MAXIMUM DEPTH TO PIPE INVERT OF 9'

APPROVED *2-19-26*
Jack
CITY ENGINEER

CITY OF ST. PAUL
DEPARTMENT OF PUBLIC WORKS
MANHOLE, TYPE IV

Date of
Revision
JAN
2026

Standard
Plate
No.
2104G