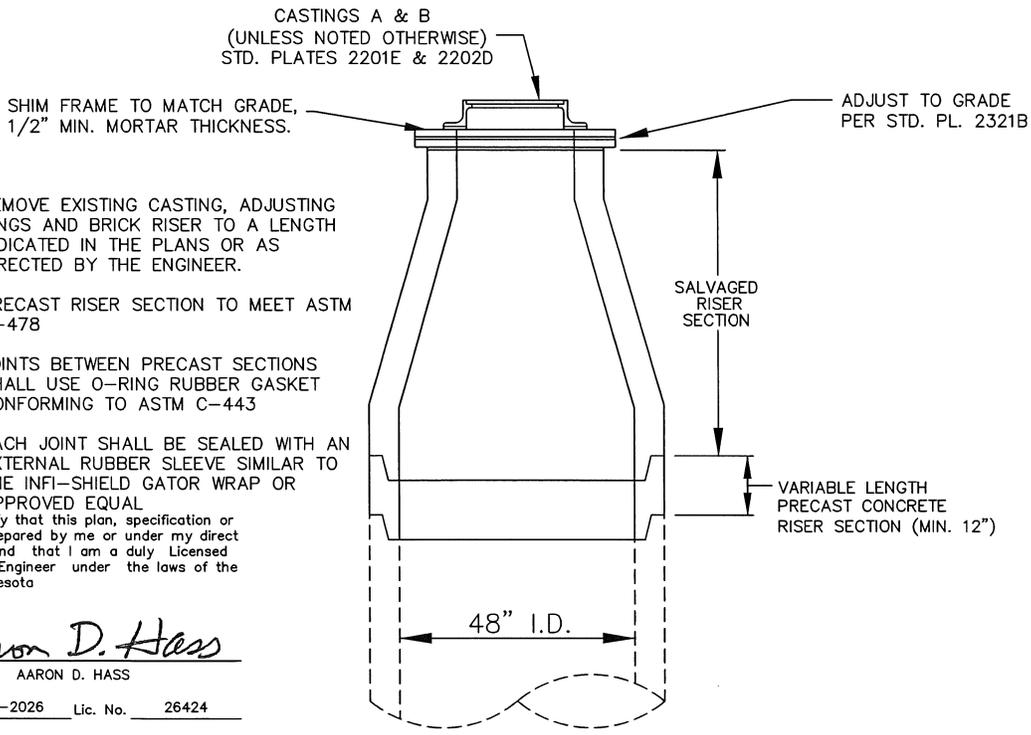


- NOTES:
1. CONTRACTOR TO FIELD VERIFY BRICK MANHOLE DIA. PRIOR TO ORDERING PERCAST BASE RING
 2. PROVIDE 72"X42" DIAMETER CONCRETE BASE RING FOR 48" DIAMETER BRICK MANHOLE. THIS MAY NEED TO VARY IF BRICK MANHOLE DIAMETER IS SMALLER OR LARGER
 3. REMOVE EXISTING CASTING, ADJUSTING RINGS AND BRICK RISER TO A DEPTH OF 6' OR AS INDICATED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
 4. PRECAST RISER SECTION TO MEET ASTM C-478
 5. JOINTS BETWEEN PRECAST SECTIONS SHALL USE O-RING RUBBER GASKET CONFORMING TO ASTM C-443
 6. PROTECT REMAINING BRICK PORTION OF MANHOLE DURING CONSTRUCTION.
 7. MANHOLE INVERT SHALL REMAIN FREE OF CONSTRUCTION DEBRIS.

RECONSTRUCT BRICK MANHOLE - 6' DEPTH

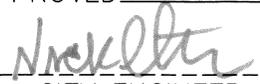


- NOTES:
1. REMOVE EXISTING CASTING, ADJUSTING RINGS AND BRICK RISER TO A LENGTH INDICATED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
 2. PRECAST RISER SECTION TO MEET ASTM C-478
 3. JOINTS BETWEEN PRECAST SECTIONS SHALL USE O-RING RUBBER GASKET CONFORMING TO ASTM C-443
 4. EACH JOINT SHALL BE SEALED WITH AN EXTERNAL RUBBER SLEEVE SIMILAR TO THE INFI-SHIELD GATOR WRAP OR APPROVED EQUAL

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 01-20-2026 Lic. No. 26424

PRECAST CONCRETE MANHOLE RECONSTRUCTION (OR MANHOLE ADJUSTMENT OF 18" OR GREATER)

APPROVED <u>2-19-2026</u>  CITY ENGINEER	CITY OF ST. PAUL DEPARTMENT OF PUBLIC WORKS MANHOLE, RECONSTRUCT	Date of Revision JAN 2026	Standard Plate No. 2322G
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