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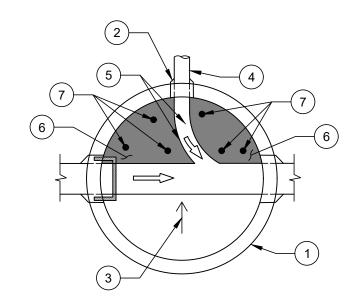
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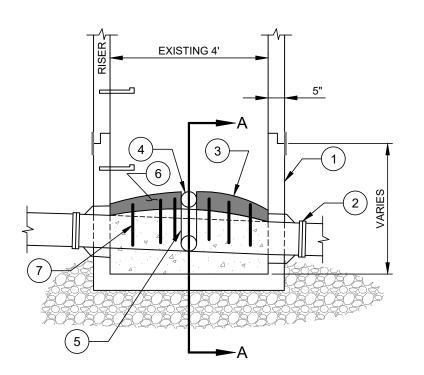
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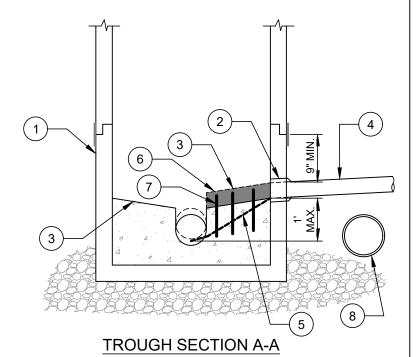
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DATE 04/2024

DETAIL 11.2.16







NO. DESCRIPTION:

- 1. EXISTING MANHOLE BASE SECTION.
- FLEXIBLE COUPLING INSTALLED IN CORED HOLE WITH STAINLESS STEEL COMPRESSION DEVICE.
- 3. 1 INCH PER FOOT FALL (TYP.). THE SHELF SHALL SLOPE 1 INCH PER FOOT (MIN.) FROM THE MANHOLE WALL TO THE TROUGH.
- 4. 4", 6", OR 8" DUCTILE IRON LATERAL CONNECTION.
- 5. NEW INVERT TROUGH CUT INTO EXISTING SHELF.
- 6. NEW CAST IN PLACE CONCRETE (3600 PSI) SHELF.
- SIX (6) #3 REBARS, GROUTED (OR EPOXIED) IN EXISTING SHELF, MIN. 6" DEEP DRILLED HOLES. EXTEND REBARS TO WITHIN 2 INCHES OF NEW SHELF SURFACE.
- 8. UTILITY CONFLICT.

NOTES:

- THIS DETAIL SHALL ONLY BE USED WHEN AN INSIDE DROP IS NOT POSSIBLE AND A STEEP SLOPE INVERT IS APPROVED BY THE ENGINEER.
- B. THIS DETAIL SHALL ONLY BE USED DUE TO A UTILITY CONFLICT AND WHEN APPROVED BY THE ENGINEER.
- C. THIS DETAIL SHALL NOT BE USED WHEN THE CHANGE IN INVERT ELEVATION IS GREATER THAN ONE FOOT. REFER TO THE INSIDE DROP STANDARD DETAIL.
- D. MANHOLE TO CONFORM WITH ASTM C478 EXCEPT AS MODIFIED. REFER TO MANHOLE STANDARD DETAILS FOR ALL MANHOLE REQUIREMENTS.