

NOTES:

- 1. MANHOLE SHALL CONFORM TO GENERAL NOTES AND ALL APPLICABLE REQUIREMENTS OF STANDARD DETAIL S-1.
- 2. DROP BOWL TO BE INSTALLED MINIMUM OF 3' BELOW CONE SECTION.
- 3. INSIDE DROP SHALL BE CONSTRUCTED USING ASTM D3034 SDR 35 PIPE AND FITTING.
- 4. RECHANNEL BASE WITH 3000 PSI CONCRETE. WIDTH AND DEPTH OF CHANNEL MUST EQUAL THE LARGEST PIPE DIAMETER WITH A SLOPE OF 2% MIN. CHANNEL WALLS MUST BE VERTICAL. SLOPE SHELF TO CHANNEL AT 1" PER FOOT MIN.
- CORE DRILL OPENINGS FOR NEW PIPE AND USE KOR-N-SEAL CONNECTORS OR EQUAL.
- 6. USE MECHANICAL TRANSITION COUPLING (SEE APPROVED MATERIAL LIST) WHEN CONNECTING TO EXISTING SEWER MAINLINE.
- 7. CONE MAY NEED TO BE ROTATED AND/OR LADDER MOVED.
- 8. MINIMUM MANHOLE SIZE IS 54".
- 8. MAXIMUM OF 2 DROPS PER STRUCTURE.



SEWER UTILITIES

TITLE

INSIDE DROP STRUCTURE

NO. S-5

JANUARY 2022 NO SCALE