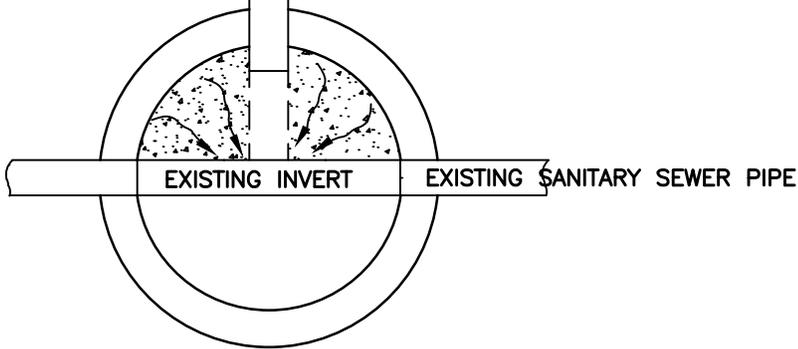
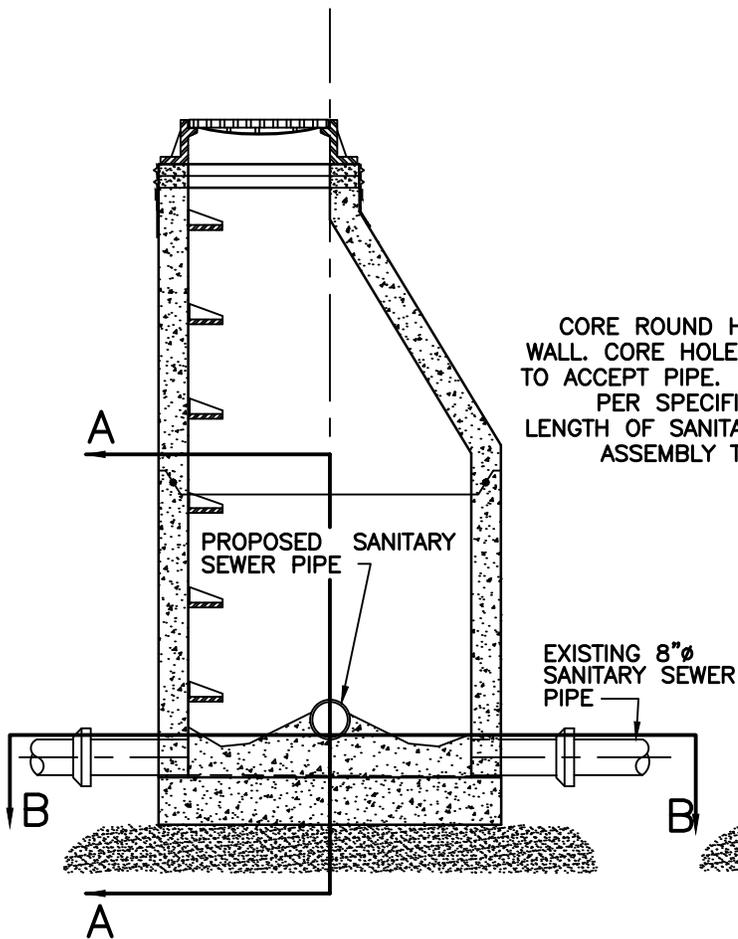


CONSTRUCT PCC FILLET
TO DRAIN TO EXISTING
INVERT

PROPOSED SANITARY SEWER PIPE

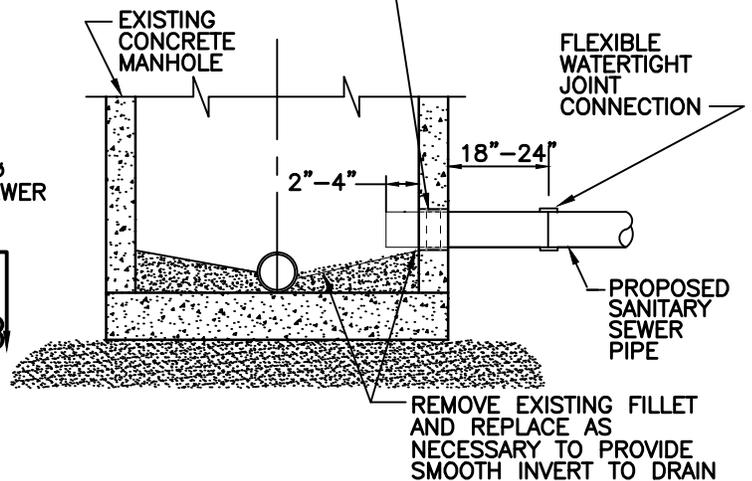


SECTION B-B



ELEVATION

CORE ROUND HOLE THROUGH MANHOLE
WALL. CORE HOLE DIAMETER AS REQUIRED
TO ACCEPT PIPE. INSTALL MODULAR SEAL
PER SPECIFICATIONS AROUND SHORT
LENGTH OF SANITARY SEWER PIPE. INSERT
ASSEMBLY THROUGH MANHOLE WALL



SECTION A-A

FILE NO.: 2300-046
APPROVAL DATE: APRIL 2003
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CEDAR RAPIDS METROPOLITAN AREA
STANDARD DETAILS FOR PUBLIC IMPROVEMENTS

SANITARY SEWER CONNECTION TO
EXISTING MANHOLE

NO.
2300-046