STORM MANHOLE DETAIL

STORM MAIN

CONCRETE BENCH

SMOOTH TRANSITION FROM INCOMING SEWER TO STORM MAIN LINE IN MANHOLE

INCOMING SEWER

TOP HALF OF STORM MAIN LINE TO BE CUT AWAY INSIDE MANHOLE (IF PIPE INVERT IS NOT PRECAST INTO BOTTOM)

GROUND LINE

SECTION A–A

FRAME & COVER TO BE NEENAH R–1712 HEAVY DUTY OR EAST JORDAN IRON WORKS 1020A EXTRA HEAVY DUTY WITH "STORM" IMPRINTED ON THE COVER. NO OTHER FRAMES OR LIDS WILL BE APPROVED!

ELASTOMERIC CHIMNEY SEAL

OFFSET CONE

3.0" NECK

- 5.0"

PRECAST CONCRETE
ADJUST RINGS IF NEEDED (8–INCHES MAX)

PRECAST REINFORCED CONCRETE CONE, BARREL, AND BOTTOM SECTIONS ALL JOINTS TO BE SEALED WITH BITUMINOUS ROPE SEALANT

BITUMINOUS ROPE SEALANT (TYP.)

PLASTIC PSI–PF STEPS 16" O.C.

48.0"

CONCRETE BENCH

ALL OPENINGS BETWEEN STRUCTURE WALLS AND PIPES TO BE SEALED WITH CEMENT BLOCKS MORTARED IN PLACE

CA–11 BEDDING STONE (4" MIN. THICKNESS)

UNDISTURBED EARTH

STANDARD DETAILS
VILLAGE OF NORTHBROOK
PUBLIC WORKS DEPARTMENT
2014