SANITARY AND STORM SEWER PRECAST MANHOLE

FRAME AND COVER
NEENAH R-1669-A1

PRE CAST GRADE RINGS

ECCENTRIC CONE SECTION
(IF MANHOLE IS LESS THAN 5' USE FLAT INTERLOCKING COVER SLAB)

CAST-IN-PLACE CAST
IRON STEPS WITH AN
EPOXY COATING, 12" O.C.
NEENAH R-1981-N OR
R1982-F

RISER

4000 PSI CONCRETE

NON SHRINK MORTAR
WITH GASKET O-RING
ALL JOINTS ASTM 443

MONOLITHIC BASE

RESILIENT CONNECTOR FOR
PIPE ENTRY ASTM C-923

CONCRETE FILL

2 1/2" SLOPE

HALF SECTION SEWER, RUN PIPE
THROUGH STRUCTURE, CUT AWAY
TOP OF PIPE, FORM FLOOR TO PIPE

PLACE ON 12" COMPACTED
NYS DOT 304-2.02 TYPE 2
CRUSHER-RUN LEDGEROCK

NO SCALE