SANITARY AND STORM SEWER PRECAST MANHOLE

FRAME AND COVER
NEENAH R-1689

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

SEWER BRICK

2 1/2" SLOPE

HALF SECTION SEWER

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

DESIGN and CONSTRUCTION STANDARDS
PLANNING, DESIGN and CONSTRUCTION: CORNELL UNIVERSITY

REVIEWS: LC/JG
DATE: 6/18/2007

REVISED BY: LEC
DATE: 7/10/2001

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DOC PRINT SIZE: 8 1/2"x11"
DETAIL NO.: 4,4.3