NEENAH R-3588-LL 4 FLANGE GUTTER INLET (RIGHT OR LEFT) OR R-3589-LL 3 FLANGE GUTTER INLET (RIGHT OR LEFT) AS SPECIFIED BY THE ENGINEER.

INSTALL TO MATCH ROAD GRADE & CROSS SLOPE

FINISHED ROAD GRADE

NO MORTAR REQUIRED
APPLY MANUFACTURER'S REQUIRED SEALANT

TYPICAL CONSTRUCTION JOINT

MORTAR SOLID AROUND PIPE

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

GRANITE CURB

FRAME AND COVER TO BE SET IN MINIMUM 1'' BED OF TYPE "S" MORTAR.

BACK FILL WITH NYSDOT ITEM 203-2.02 COMPACT TO 95%. PLACE IN 8'' LIFTS.

PRECAST CONCRETE GRADE RINGS (AS REQUIRED) 12'' MAXIMUM HEIGHT ALLOWED.

24'' SQUARE INTERIOR PRECAST CONCRETE WITH A 5'' MINIMUM WALL AND FLOOR THICKNESS, ZEISER WILBERT MODEL CB 228 OR APPROVED EQUAL.

MORTAR REQUIRED

OUTLET PIPE

UNDISTURBED OR COMPACTED SUB-GRADE

NOTE:
1- IF ADDITIONAL RISER SECTIONS ARE REQUIRED THEY SHALL BE INTERLOCKING, IF NOT THEY SHALL HAVE 3/8'' MORTAR BETWEEN PRECAST JOINTS.
2- ALL SECTIONS OF CATCH BASIN SHALL BE PLUMB AND LEVEL.
3- EACH INSTALLATION SHALL BE INSPECTED AND APPROVED BY AN AUTHORIZED CORNELL REPRESENTATIVE PRIOR TO BACK FILLING.
4- INSTALL 4'' DIA. MANHOLE FOR STRUCTURES GREATER THAN 5' DEEP.

STREET APPLICATION STORM SEWER PRECAST CATCH BASIN DETAIL

NO SCALE

DESIGN and CONSTRUCTION STANDARDS
CORNELL UNIVERSITY

REVIEWS: LC/BC
REVISED BY: LC
DATE: 6/15/2012

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