CATCH BASIN HOOD
(SEE DETAIL NO. F1-022)

EXISTING BRICK OR PRECAST CONCRETE STRUCTURE

STAINLESS STEEL EXPANSION BAND

Mastic Gasket Material All Manhole Joints

EXISTING PRECAST CONCRETE OR BRICK STRUCTURE

CATCH BASIN HOOD MUST BE INSTALLED WITH SLOT OPENINGS PERPENDICULAR TO THE SIDEWALK (SEE DETAIL F1-009)

EXISTING FRAME AND COVER TO BE ADJUSTED (SEE NOTE)

PROPOSED FINISHED SURFACE OVERLAY (BY OTHERS)

EXISTING PAVEMENT

MORTAR FILL AROUND PIPE

FLEXIBLE RUBBER CONNECTOR SEE DETAIL B-21

STAINLESS STEEL PIPE CLAMP

NOTE:
OVERLAY BY OTHERS WILL BE 1-1/4" AT CENTERLINE TAPERING TO 1" AT CURBLINE

Boston Water and Sewer Commission
590 Harrison Ave., Boston, MA 02119
(617) 666-7000 www.bwsc.org

CATCH BASIN ADJUSTMENT TO GRADE
Scale: Not To Scale

DATE: Oct. 21, 2013
DETAIL NO. B-01a
PLAN

CONCRETE SIDEWALK
CATCH BASIN SIGN
CONC. COLLAR
SEE DETAIL B-03

FACE OF EDGESTONE

6'  3'

3'

8"  2' 8"

15" PIPE

CONCRETE

SECTION A-A

CATCH BASIN GRATE MUST BE INSTALLED WITH SLOT OPENINGS PERPENDICULAR TO THE SIDEWALK FRAME TO BE SET IN FULL MORTAR BED

PAVEMENT

WALLS TO BE BRICK OR CONCRETE BLOCK. OUTSIDE FACE TO BE PLASTERED WITH 1" CEMENT MORTAR.

SECTION B-B

STANDARD GUTTERMOUTH

EDGESTONE

PAVEMENT

ARCH OVER OUTLET PIPE WITH BRICKS LAID AS HEADERS AND ON EDGE

INVERT TO BE 1/2 I.D. OF PIPE

VARIES 4" MIN.

4' - 2"
TYPE E CATCH BASIN FRAME
SEE DETAIL NO. F1-D8

TYPE E-1 CATCH BASIN GRATE
SEE DETAIL NO. F1-D9

EDGE STONE

8"x14" CATCH BASIN SIGN
SEE DETAIL NO. F1-D23

STANDARD CATCH BASIN

TYPE E SIDEWALK MANHOLE FRAME
SEE DETAIL NO. F1-D8

EDGE STONE

TYPE 13 CATCH BASIN

TYPE E SIDEWALK MANHOLE COVER
SEE DETAIL NO. F1-D10

CATCH BASIN SIGN INSTALLATION

Scale: Not To Scale

June 30, 2012

B-01f
GUTTER LINE
SLOPE = 0.50% MIN.
EDGESTONE
6" TYPICAL, 4" MIN.

FINISHED STREET GRADE

PROFILE ALONG GUTTER LINE

ARRIS LINE OF CURB
BEYOND (± ¼")

CONCRETE COLLAR

€ OF C.B. OR D.I.

CATCH BASIN OR DROP INLET
FRAME AND COVER
SEE DETAILS F1-D08 AND F1-D09

6" TYPICAL
4" MIN.

FINISHED STREET GRADE

SECTION A-A