CATCH BASIN GRADE MUST BE INSTALLED WITH SLOT OPENINGS PERPENDICULAR TO THE SIDEWALK (SEE DETAIL F1-D09)

EXISTING FRAME AND COVER TO BE ADJUSTED (SEE NOTE)

PROPOSED FINISHED SURFACE OVERLAY (BY OTHERS)

EXISTING PAVEMENT

PROPOSED CONCRETE COLLAR

REMOVE EXISTING MASONRY AS REQUIRED AND ADJUST TO GRADE WITH NEW CONCRETE ADJUSTING RINGS

CATCH BASIN HOOD (SEE DETAIL NO. F1-D22)

MORTAR FILL AROUND PIPE

FLEXIBLE RUBBER CONNECTOR SEE DETAIL B-21

STAINLESS STEEL PIPE CLAMP

STAINLESS STEEL EXPANSION BAND

MASTIC GASKET MATERIAL ALL MANHOLE JOINTS

EXISTING PRECAST CONCRETE OR BRICK STRUCTURE

EXISTING BRICK OR PRECAST CONCRETE STRUCTURE

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

CATCH BASIN ADJUSTMENT TO GRADE

Scale: Not To Scale

DATE:
Oct. 21, 2013

DETAIL NO.
B-01a
BWSC STANDARD EDGESTONE GUTTERMOUTH IS (72"L X 6"W X 18"H) WITH 3" RADIUS INLET THROAT ROUNDED. MINIMUM WIDTH IS 6". ALL OTHER DIMENSIONS TOLERANCES TO ±1".

STANDARD CATCH BASIN NO. 5

Scale: Not To Scale

DATE: Aug. 05, 2019

DETAIL NO. B-01b
SHALLOW CATCH BASIN

Scale: Not To Scale

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

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

SECTION A-A

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

SECTION B-B

BWSC STANDARD EDGESTONE GUTTERMOUTH IS (72"L X 6"W "X 18"H) WITH 3" RADIUS INLET THROAT ROUNDING. MINIMUM WIDTH IS 6". ALL OTHER DIMENSION TOLERANCES TO ±1".

Boston Water and Sewer Commission
880 Harrison Ave., Boston, MA 02119
(617) 999-7000
www.bwsc.org

DROP INLET WITH GUTTERMOUTH

Scale: Not To Scale

DATE: Aug. 05, 2019

DETAIL NO. B-01e
STANDARD CATCH BASIN

TYPE E CATCH BASIN FRAME
SEE DETAIL NO. F1-D8

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

EDGE STONE WITH GUTTERMOUTH

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

CATCH BASIN SIGN INSTALLATION

Aug. 05, 2019

TYPE 13 CATCH BASIN

BWSC STANDARD EDGESTONE GUTTERMOUTH IS
(72"L X 6"W "X 18"H) WITH 3" RADIUS
INLET THROAT ROUNDELING. MINIMUM WIDTH IS
6". ALL OTHER DIMENSION TOLERANCES TO
±1".

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

EDGE STONE WITH GUTTERMOUTH

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