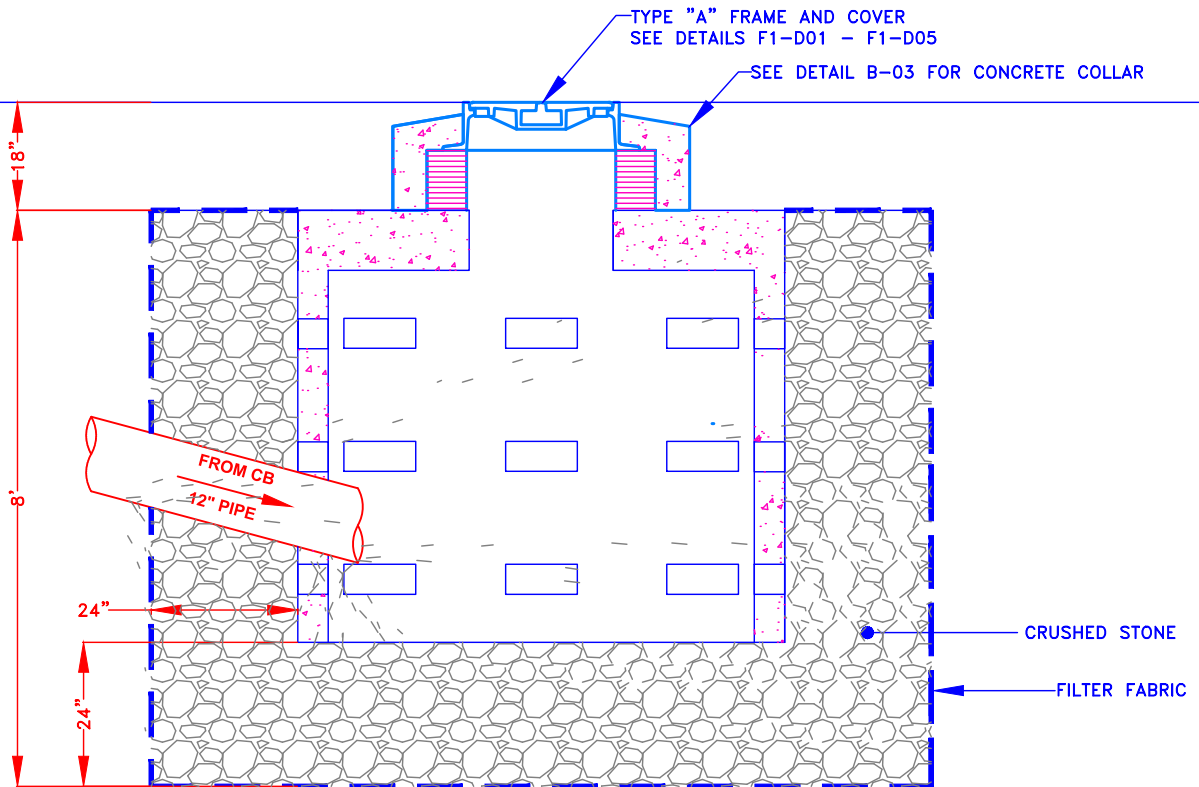


PLAN



ELEVATION

Location:Filename: V:\eng\ACAD_STD\Technical Details\B - Sewer Details\B-20 - Precast Drywell Details.dwg
 Plotted on: Monday, October 30, 2017 - 4:25 PM by Donohoe, William



**Boston Water and
 Sewer Commission**

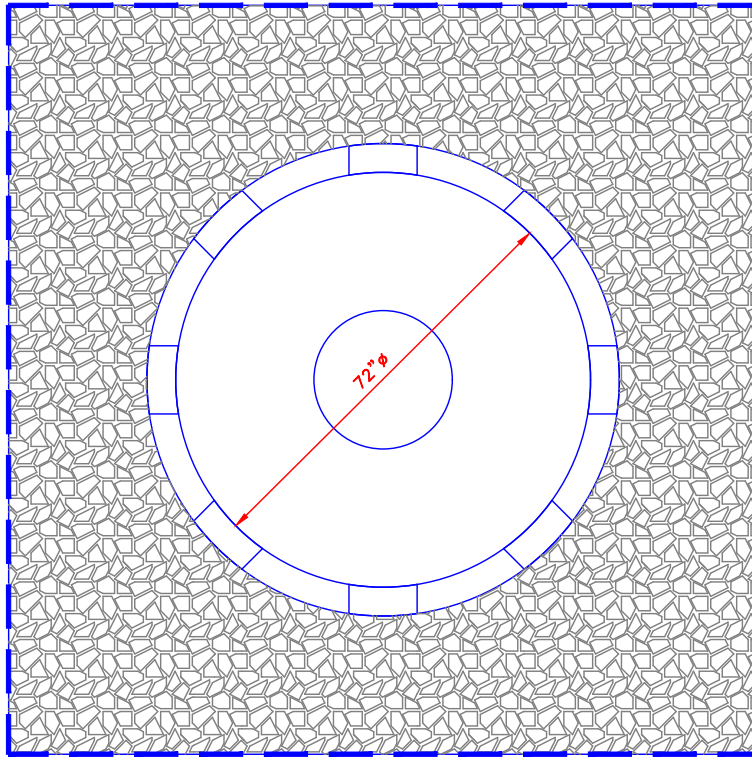
980 HARRISON AVE., BOSTON, MA 02119
 (617) 989-7000 www.bwsc.org

PRECAST DRYWELL DETAIL

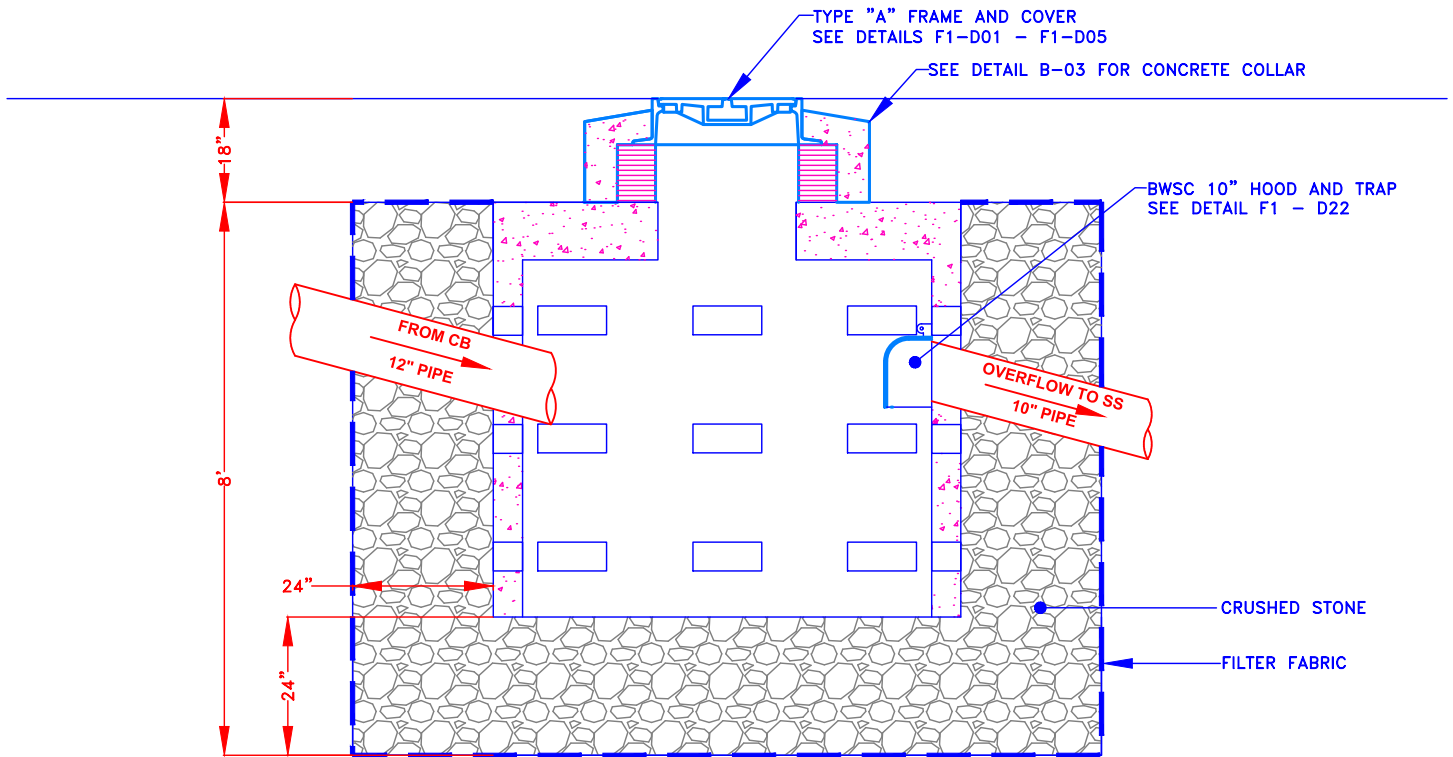
Scale: Not To Scale

DATE:
 Oct. 30, 2017

DETAIL NO.
B-20a



PLAN



ELEVATION

PRECAST DRYWELL

Location: V:\eng\ACAD_STD\Technical Details\B - Sewer Details\B-20 - Precast Drywell Details.dwg
 Plotted on: Monday, October 30, 2017 - 4:25 PM by Donohoe, William



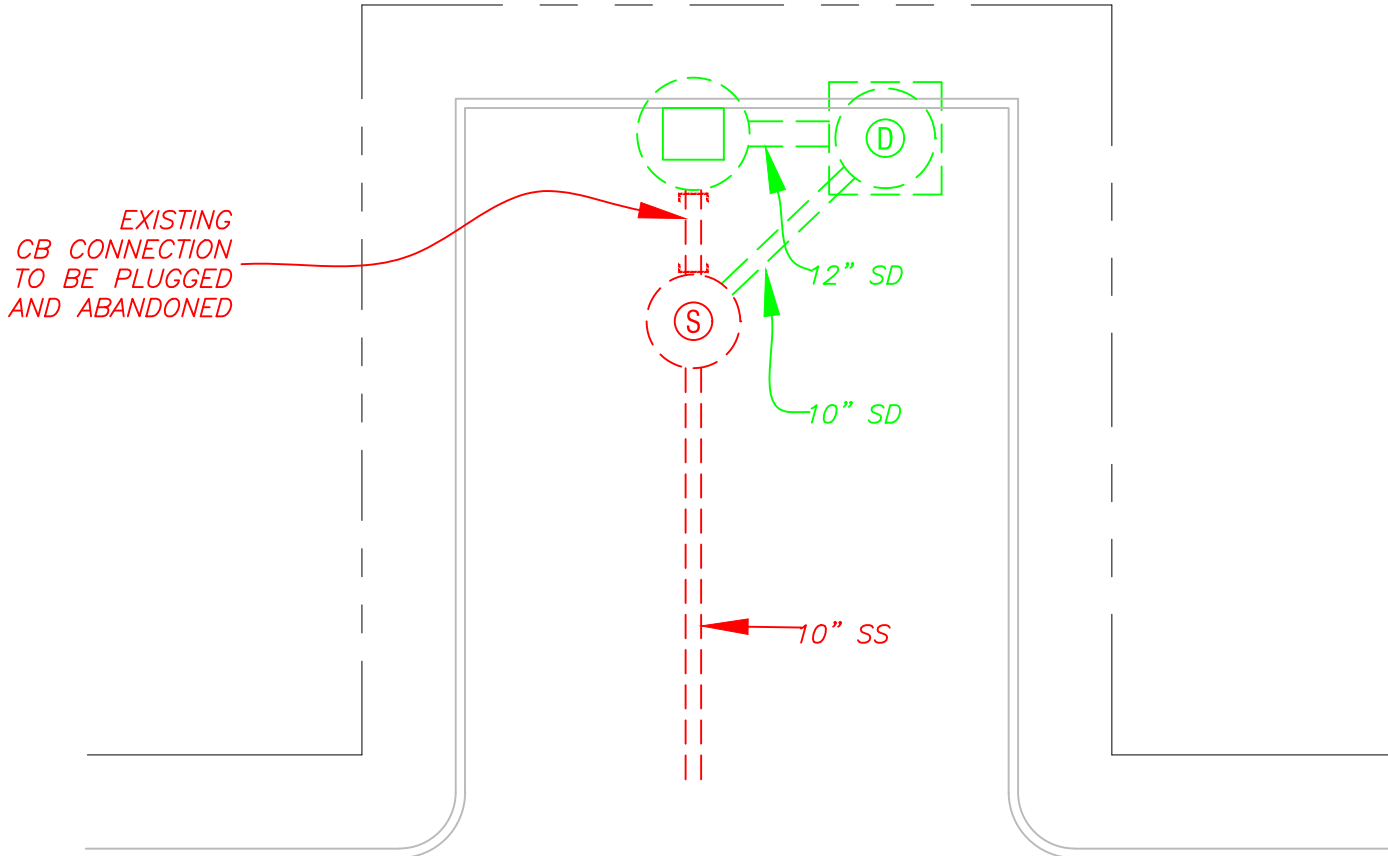
Boston Water and Sewer Commission
 980 HARRISON AVE., BOSTON, MA 02119
 (617) 989-7000 www.bwsc.org

PRECAST DRYWELL DETAIL WITH OUTLET
 Scale: Not To Scale

DATE:
 Oct. 30, 2017

DETAIL NO.
B-20b

Location\Filename: V:\eng\ACAD_STD\Technical Details\B - Sewer Details\B-20 - Precast Drywell Details.dwg
Plotted on: Monday, October 30, 2017 - 4:25 PM by Donohoe, William

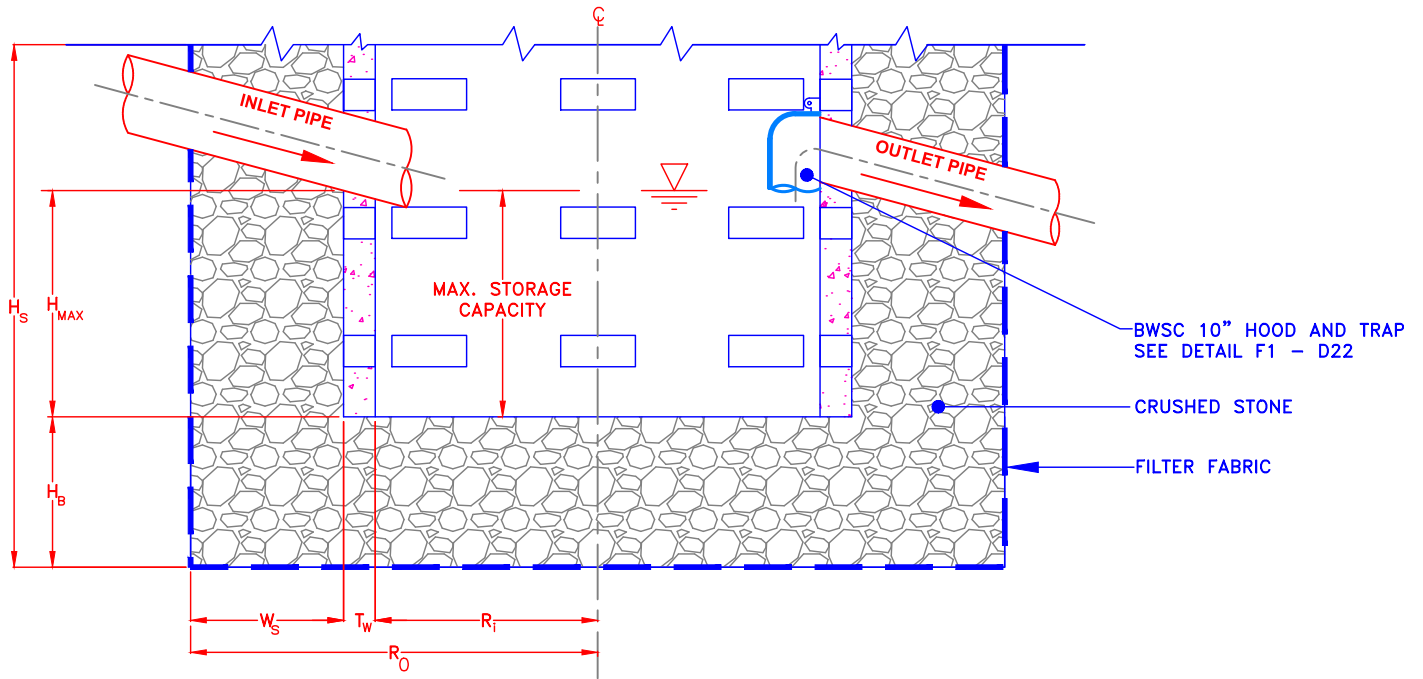


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TYPICAL INSTALLATION OF A PRECAST DRYWELL
Scale: Not To Scale

DATE:
SEPT. 30, 2012

DETAIL NO.
B-20c



ELEVATION VIEW

$$V = \pi r^2 h \text{ (STORAGE VOLUME)}$$

LEGEND:

- H_{MAX} = MAX. STORAGE HEIGHT
- H_B = HEIGHT OF BASE STONE
- H_S = HEIGHT OF STONE
- R_i = INSIDE RADIUS (DRYWELL)
- R_o = OUTSIDE RADIUS (DRYWELL PLUS STONE)
- T_w = THICKNESS OF WALL
- W_s = WIDTH OF STONE

Location\Filename: V:\eng\ACAD_STD\Technical Details\B - Sewer Details\B-20 - Precast Drywell Details.dwg
Plotted on: Monday, October 30, 2017 - 4:25 PM by Donohoe, William



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PRECAST DRYWELL DESIGN / CALCS AND ANALYSIS

Scale: Not To Scale

DATE:
SEPT. 30, 2012

DETAIL NO.
B-20d