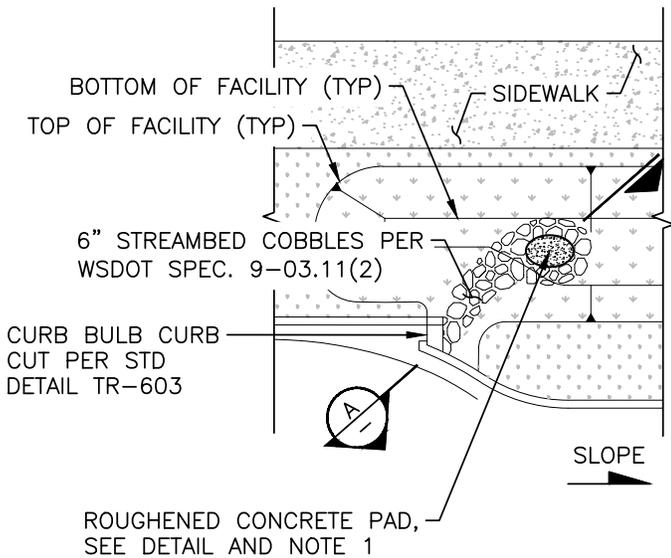
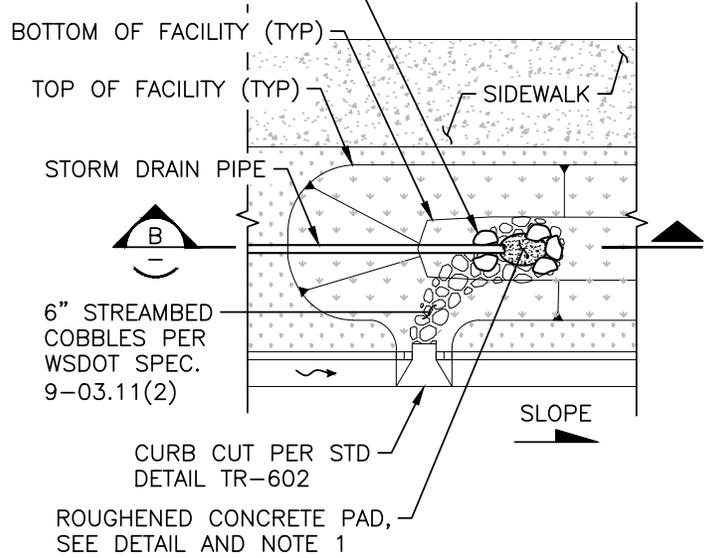


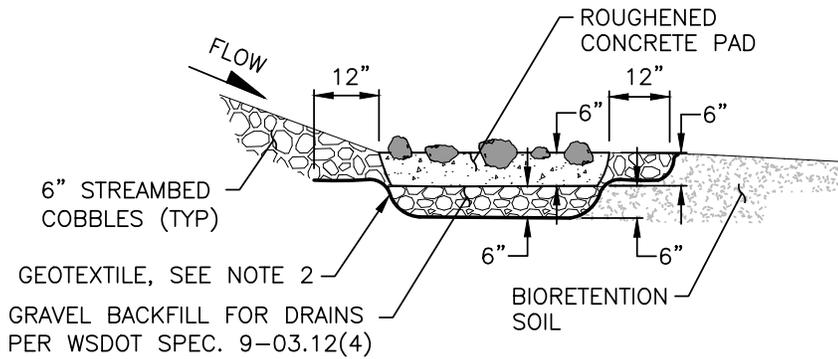
(5) ONE MAN STREAMBED BOULDERS PER WSDOT SPEC 9-03.11(3) AT PIPE OUTLETS



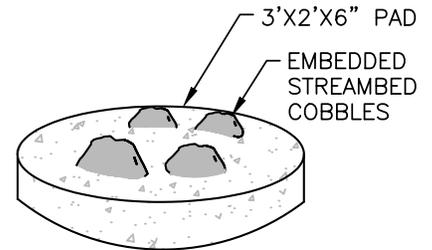
PLAN
(WITHOUT PIPE DISCHARGE)



PLAN
(WITH PIPE DISCHARGE)



SECTION A
NTS



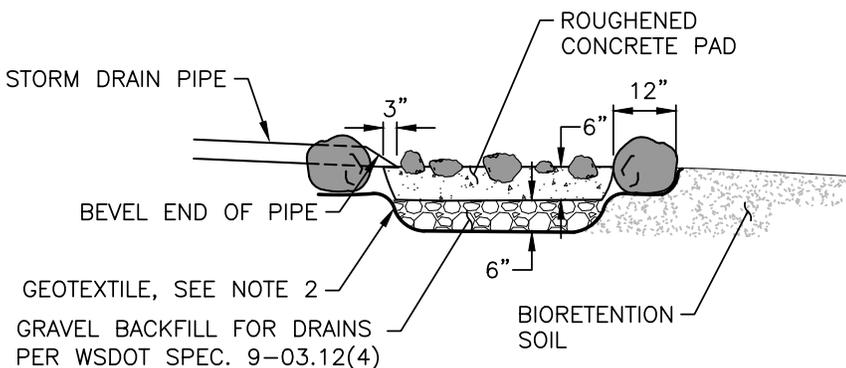
ROUGHENED
CONCRETE PAD

GENERAL NOTES:

1. PRESETTLING CELL RECOMMENDED FOR BIORETENTION CELLS RECEIVING OVER 5,000 SQUARE FEET OF POLLUTION GENERATING HARD SURFACE AREA.

NOTES:

1. ROUGHENED CONCRETE PAD SHALL BE CONSTRUCTED WITH CLASS 3-3000 PSI CONCRETE. EMBED 6" STREAMBED COBBLES TO CREATE ROUGHNESS. 50% OF THE SURFACE SHALL HAVE PROTRUDING AGGREGATE.
2. GEOTEXTILE SHALL CONFORM TO WSDOT SPEC. 9-33.2(1), GEOTEXTILE FOR SEPARATION, NON-WOVEN TYPE.



SECTION B
NTS



CITY OF EDMONDS
PUBLIC WORKS
DEPARTMENT

BIORETENTION
PRESETTLING CELL

APPROVED BY: R. ENGLISH

REVISION DATE
DECEMBER 2017

STANDARD
DETAIL
TR-604