FIGURE 1

Coon Creek Watershed District
Off-line Biofiltration Basin

PLAN VIEW

6" HDPE DRAIN TILE

OFF-LINE BIOFILTRATION BASIN
SEE BIOFILTRATION TRENCH DETAIL ALSO

OUTLET CONTROL STRUCTURE
WITH SPLITTER
SEE DETAIL OPTIONS A/B BELOW

STORMWATER POND

DISCHARGE ELEVATION SHALL ALLOW FREE OUTFLOW,
APPROXIMATELY A FOOT ABOVE DOWNSTREAM
WETLAND, POND ETC.

INSTALL RODENT GUARD ON TILE OUTLET
AND A TILE MARKER POST IDENTIFYING
LOCATION OF OUTLET

6" HDPE NON-PERFORATED DRAIN TILE

POURED IN PLACE CONCRETE
WEIR WITH #4 REBAR 12" O.C.
BOTH WAYS DOWELED INTO
SIDE WALLS OF INSIDE OF
STRUCTURE AND BOTTOM SLAB.

OCS DETAIL – OPTION A

OCS DETAIL – OPTION B

NIAL

XX" RCP PIPE • X.XX%

FLOW

INV. EL: XXX.XX

POND

INV. EL: XXX.XX

XX" RCP PIPE • X.XX%

6"

INV. EL: XXX.XX

XX" RCP PIPE • X.XX%

6" HDPE NON-PERFORATED
DRAIN TILE TO
BIOFILTRATION BASIN

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