

DETAIL NOTES

Berm may be constructed of on-site or import soils. The berm material shall be documented in the approved Drainage Report. The berm material shall be in accordance with recommendations by the project geotechnical engineer. The geotechnical engineer shall provide construction observation of the berm material where required by the City Engineer. Pervious materials, such as gravel or sand, shall not be used. The berm shall be compacted to 95% maximum density.

Use the adopted stormwater manual, as amended, to determine the sediment pond geometry.

To aid in determining sediment depth, one-foot intervals shall be prominently marked on the riser. The contractor shall remove the sediment when it reaches 1 foot in depth.

Sediment pond and riser pipe shall provide flow control during the construction phase, if required.

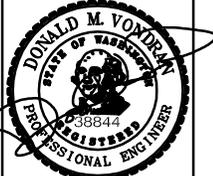
- ① CORRUGATED METAL RISER (PRINCIPAL SPILLWAY) OPEN AT TOP WITH CONE TRASH RACK.
- ② DEWATERING DEVICE – PERFORATED POLYETHYLENE DRAINAGE TUBING, DIAMETER MINIMUM 2" LARGER THAN DEWATERING ORIFICE. TUBING SHALL COMPLY WITH ASTM F667 AND AASHTO M294. CONNECTION TO DEWATERING ORIFICE WITH WATER TIGHT COUPLING.
- ③ DEWATERING ORIFICE – SCHEDULE 40 STEEL STUB MIN. TACK WELDED TO THE RISER PIPE, DIAMETER PER CALCULATIONS IN APPROVED DRAINAGE REPORT.
- ④ CONCRETE BASE – 18" HIGH (MIN) BY 2X RISER DIA. (MIN) WIDE. ALTERNATIVELY, METAL STAKES AND WIRE MAY BE USED TO PREVENT FLOTATION.
- ⑤ PROVIDE ADEQUATE STRAPPING.
- ⑥ WIRE BACKED SILT FENCE, STAKED HAYBALES WRAPPED WITH FILTER FABRIC, OR EQUIVALENT DIVIDER.



City of Covington

Public Works

Community Development



SEDIMENT POND WITH RISER

This document has been signed electronically in accordance with WAC 196-23-070 and Chapter 19.34 RCW. Unauthorized alteration of any of the information on this document will invalidate the document, my certification and signature.

704

Revision Date
October 2009