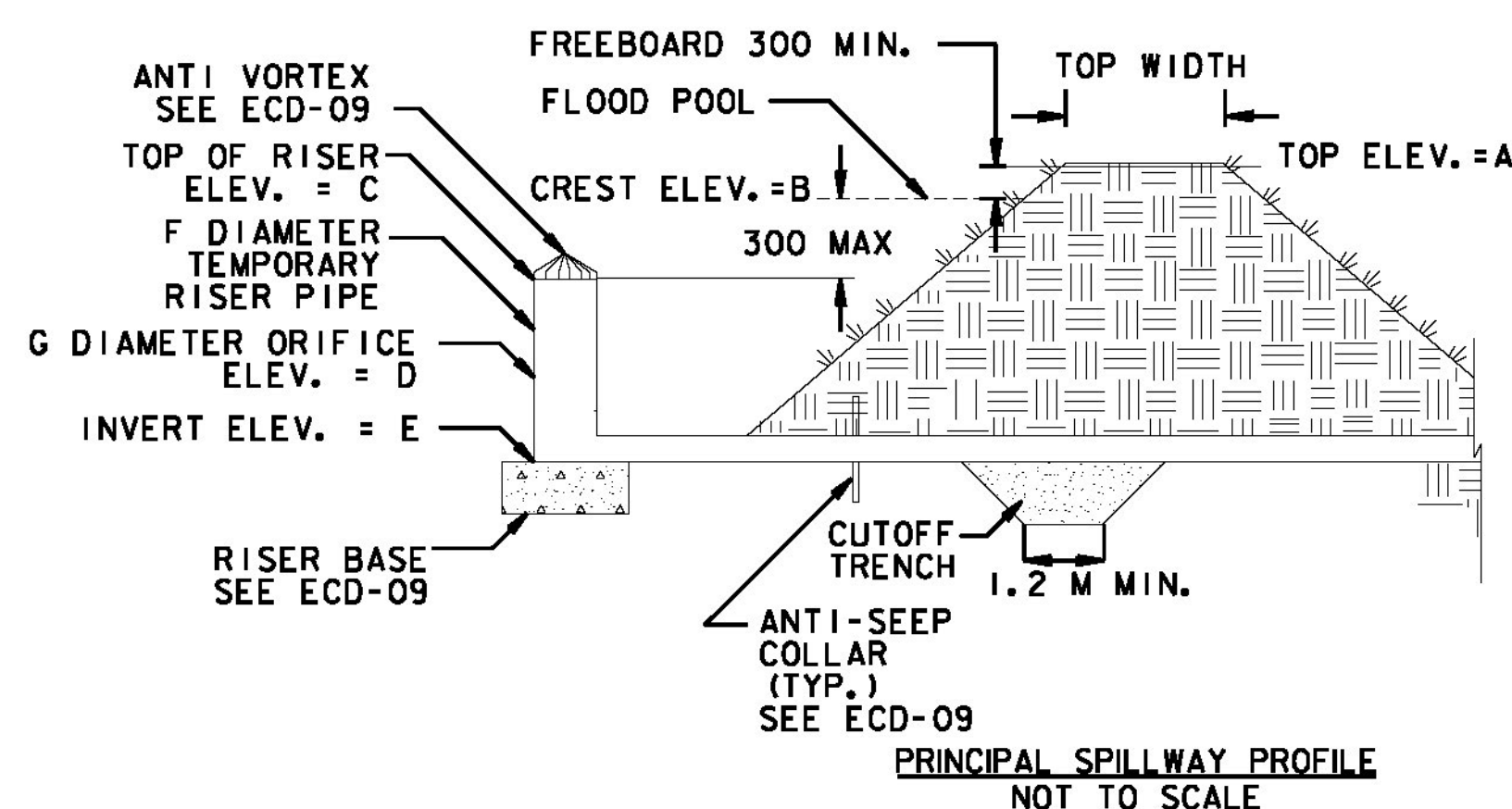


SYMBOL



MAXIMUM DRAINAGE AREA = 100 ACRES

CONSTRUCTION SPECIFICATION

1. TEMPORARY SEDIMENT BASIN IS WITHIN THE EXCAVATION LIMITS FOR PROPOSED DRAINAGE SWALES THEREFORE NO ADDITIONAL EXCAVATION WILL BE REQUIRED. RISER PIPE TO BE PAID FOR AS 1350 PCCSP. RISER BASE AND ANTI-VORTEX ARE TO BE PAID FOR INCIDENTAL TO 204T TEMPORARY 1350 RISER PIPE. ANTI SEEP COLLARS AND CUT-OFF TRENCH ARE TO BE INCIDENTAL TO PIPE 204.

SEDIMENT BASIN #	1A	2	3A
A - TOP ELEVATION	191.000	193.852	199.000
B - CREST ELEVATION	190.700	193.152	198.700
C - TOP OF RISER ELEV.	190.408	193.246	198.424
D - ORIFICE ELEV.	190.213	192.980	198.022
E - OUTLET PIPE INVERT ELEV.	189.000	191.000	197.000
F - RISER PIPE DIA.	1050	1350	750
G - ORIFICE DIA.	125	150	125

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC  
ORIGINALLY DEVELOPED BY USDA-NRCS  
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SEDIMENT BASIN

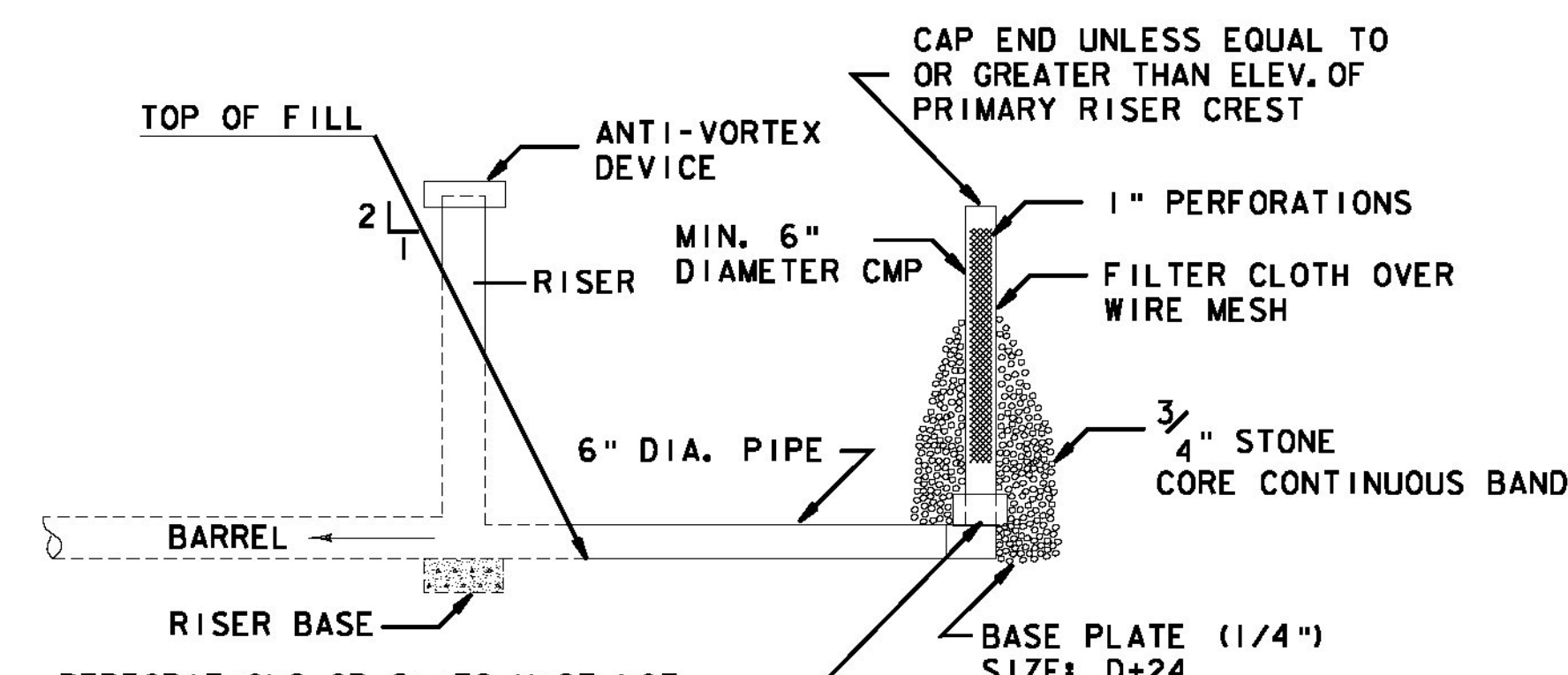
NOTES:

1. REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

SYMBOL

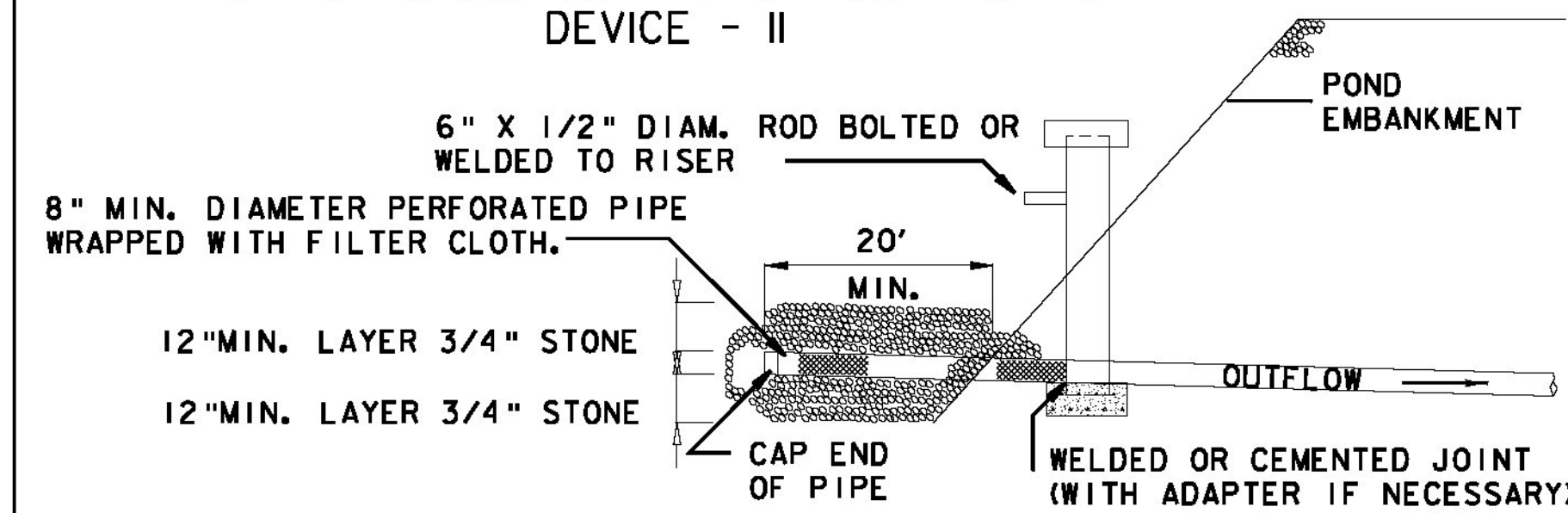


OPTIONAL SEDIMENT BASIN DEWATERING  
DEVICE - I WITH 6" PERFORATED RISER



PERFORATIONS - 6" SPACING HORIZONTAL & VERTICAL LOCATED IN CONCAVE.

OPTIONAL SEDIMENT BASIN DEWATERING  
DEVICE - II



OPTIONAL SEDIMENT  
BASIN DEWATERING  
DEVICES

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC  
ORIGINALLY DEVELOPED BY USDA-NRCS  
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SEDIMENT BASIN

NOTES:

1. REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

3. ENGLISH UNITS RETAINED FROM ORIGINAL DESIGN DATA FOR DEWATERING DEVICE DETAILS.



PROJECT NAME: BENNINGTON

PROJECT NUMBER: NH 019-1(54)

FILE NAME: ..\plot\_files\zd307c4det.epsc.ptf PLOT DATE: 1/26/2010

DESIGN SUPERVISOR: GREG EDWARDS

DRAWN BY: STANTEC

DESIGNED BY: MARC FOISY

CHECKED BY: GARY SANTY

EP & SC DETAILS ECD-08

SHEET 169 OF 468