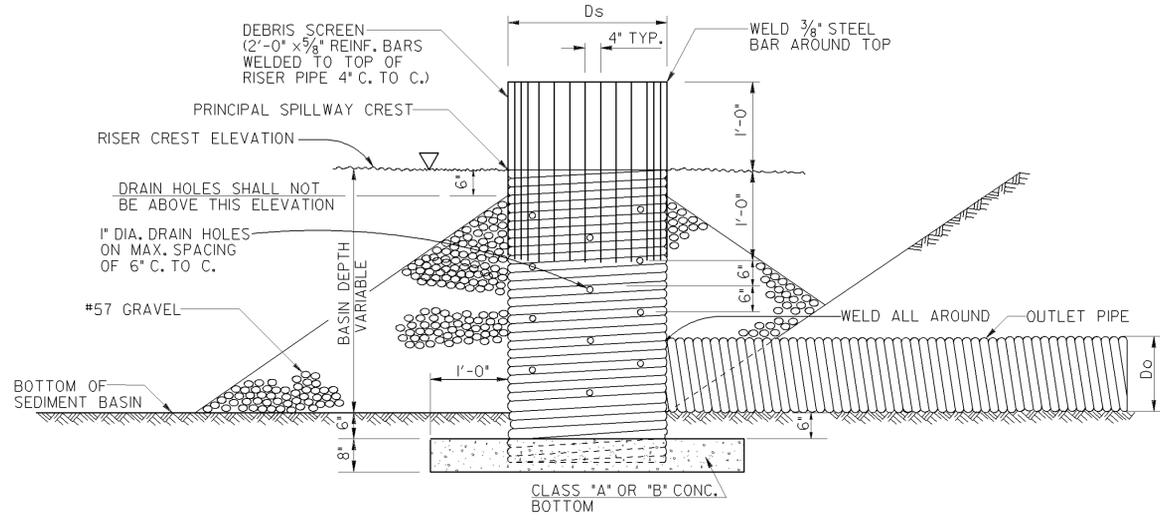
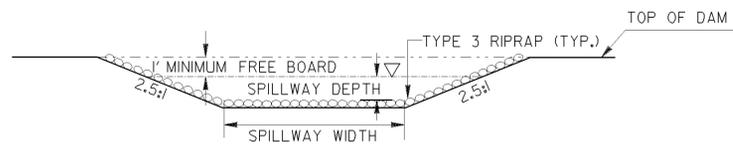


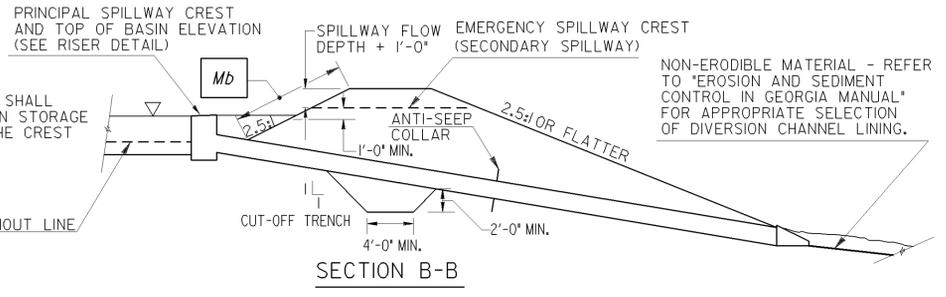
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		347	355



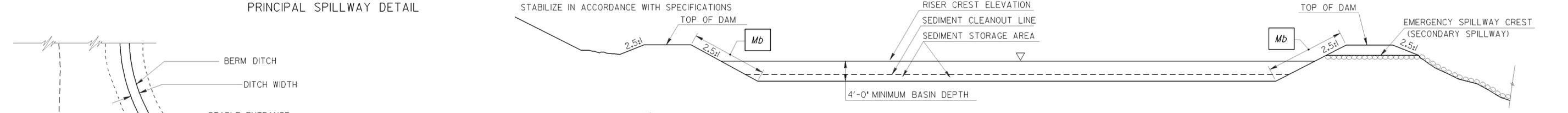
PRINCIPAL SPILLWAY DETAIL



EMERGENCY SPILLWAY DETAIL

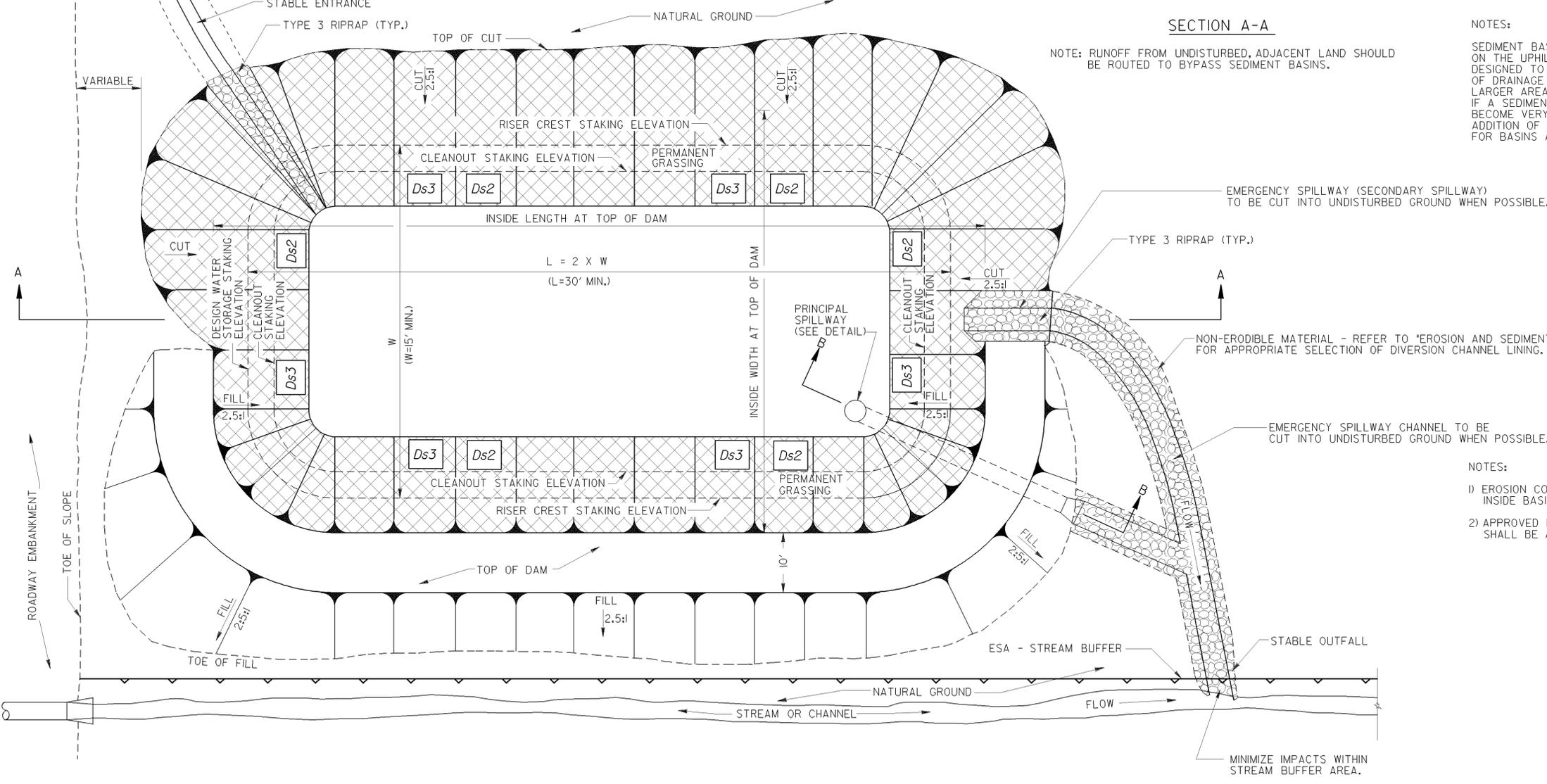


SECTION B-B



SECTION A-A

NOTES:  
 SEDIMENT BASINS ARE GENERALLY CONSTRUCTED ON A SLOPE AND ARE EXCAVATED ON THE UPHILL SIDE AND DAMMED ON THE DOWNHILL SIDE. SEDIMENT BASINS ARE DESIGNED TO HOLD A SEDIMENT LOAD OF 67 CUBIC YARD OF VOLUME PER ACRE OF DRAINAGE AREA. THE RECOMMENDED USE IS FOR DRAINAGE AREAS OF 3 TO 5 ACRES. LARGER AREAS SHOULD BE BROKEN INTO SMALLER AREAS WHEN POSSIBLE. IF A SEDIMENT BASIN IS USED FOR AN AREA LARGER THAN 5 ACRES, THE FOOTPRINT WILL BECOME VERY LARGE. THEN SPECIAL CONSIDERATION FOR CLEANOUT ACCESS SUCH AS THE ADDITION OF A CLEANOUT PENINSULA SHOULD BE GIVEN. SUFFICIENT EASEMENT IS NEEDED FOR BASINS AS WELL AS ACCESS FOR CLEANOUT VIA A ROUTE WITH A 3:1 SLOPE OR LESS.



NOTES:  
 1) EROSION CONTROL MATTING AND MATTING BLANKETS SHALL BE INSTALLED ON ALL INSIDE BASIN SLOPED AREAS FROM THE BASIN TOP EDGE TO THE BASIN BOTTOM EDGE.  
 2) APPROVED EROSION CONTROL MATTING OR BLANKETS OR BONDED FIBER MATRIX SHALL BE APPLIED TO ALL SLOPES STEEPER THAN 2.5:1 OR GREATER SLOPES.

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAILS SEDIMENT BASIN TYPE - I FOR USE OUTSIDE NATURAL CHANNELS	
BY		NO SCALE	REV. AND REDRAWN AUGUST 2011
		NUMBER D-22	